

**CONTRACT BETWEEN THE CITY OF LOS ANGELES AND RS&H CALIFORNIA, INC.
FOR DESIGN SERVICES FOR AIRFIELD IMPROVEMENT PROGRAM
AT VAN NUYS AIRPORT**

THIS CONTRACT ("Contract"), made and entered into this _____ day of _____, 2022, in Los Angeles, California by and between the **CITY OF LOS ANGELES**, a municipal corporation and Charter City ("City"), acting by order of and through its Board of Airport Commissioners ("Board") of the Department of Airports (also known as Los Angeles World Airports or "LAWA"), and **RS&H CALIFORNIA, INC.** (hereinafter also referred to as "Consultant"),

RECITALS

WHEREAS, LAWA, authorized the issuance of a Request for Proposals ("RFP") for the on-call services desired in the project entitled "Design Services for Airfield Improvement Program" ("Project") at Van Nuys Airport ("Airport"); and

WHEREAS, LAWA is responsible for the management and administration of this Contract; and

WHEREAS, in response to said RFP, Consultant was determined to be a top scoring Proposer for the Project; and

WHEREAS, Consultant has represented it is engaged, and expert, in the business of performing design services of the type sought by LAWA and required for the Project; and

WHEREAS, LAWA will designate its representative(s) to work with Consultant, and thereupon it will be incumbent upon Consultant to, at all times, keep said LAWA representative(s) fully informed of all services-related activities;

NOW THEREFORE, in consideration of the promises, and of the terms, covenants and conditions hereinafter contained to be kept and performed by the respective parties hereto, IT IS MUTUALLY AGREED AS FOLLOWS:

Section 1.0 Incorporation by Reference.

It is expressly understood and agreed that the following Exhibits and Attachments have been marked, and are by this reference incorporated into and made a material part of this contract: Exhibit A "Scope of Services" ("Services"); Exhibit B Cost Reimbursable Guidelines; Exhibit C First Source Hiring Program; Attachment "1" Administrative Requirements; Attachment "4" Federal Requirements, including its required forms (Exhibit D); and Exhibit E Negotiated Cost Proposal. It is further expressly understood and agreed that, LAWA's "Request For Proposals" ("RFP") (including its Addenda) is, by this reference, incorporated into and made a material part of this Contract as though fully set forth herein. Consultant expressly acknowledges that this Contract is based upon the performance requirements contained in the RFP.

Section 2.0 Term of Contract.

The term of this Contract shall be for a period of six (6) years commencing upon Consultant's receipt from LAWA of a Notice-to-Proceed subject, however, to earlier termination as hereinafter specified in Section 26.0, Abandonment of Project and Cancellation of Contract or Suspension of Services. LAWA may terminate this Contract without cause and without liability for damages, upon giving the Consultant a thirty (30) day advance written notice or as otherwise provided herein.

Section 3.0 CEQA Compliance Conditions.

3.1. LAWA and the Consultant acknowledge and agree that the obligations of the parties under this Contract are conditioned on LAWA complying with and completing the California Environmental Quality Act ("CEQA") process in connection with the Projects, and the expiration of the applicable period for any challenge to the adequacy of LAWA's compliance with CEQA without any challenge being filed. LAWA and the Consultant acknowledge that compliance with CEQA may require modifications to the Projects and agree that any modifications made to the Projects as a result of compliance with CEQA may necessitate amendments to this Contract in a mutually acceptable manner. Neither party shall be bound hereby unless and until the CEQA process is completed, and there is no possibility of a challenge pursuant to CEQA.

3.2. Mitigation measures and other potential changes or alternatives to the Projects, required in connection with project level environmental reviews pursuant to CEQA, will be addressed and added to the scope of the Projects as needed. This Contract does not authorize the commencement of any activity on the Project prior to completion of the appropriate

environmental review, and LAX Plan Compliance approval (if applicable). No work may commence under the Contract until the Consultant has received a Task Order.

3.3. With respect to the professional design services enumerated in the Scope of Services, this Contract is not legally binding, will not take legal effect, and no services may commence until the Consultant has been given a Task Order.

Section 4.0 Services to be Performed by Consultant.

4.1. Scope of Services. Consultant agrees to perform all Services in strict compliance with Exhibit A, "Scope of Services". All work shall be assigned in written Task Orders issued by LAWA and as may be further described in this Contract including all documents incorporated herein or that may be referenced.

4.2. Incidental Work. It is expressly understood and agreed that Consultant shall perform all incidental work required to complete the Services as described by Task Orders, including work for which no specific proposal item(s) was/were included, and/or including work which is required to furnish final, finished and detailed Work consistent with and fulfilling the intent of the Contract Documents. All such incidental work shall not be considered extra work for which additional compensation can be claimed by Consultant.

4.3. Deliverables. In its performance of the Services, the Consultant agrees to provide any Deliverables defined in specific Task Orders to this Contract, and as may be further described in this Contract.

4.4. During the term of this Contract, Consultant shall, at all times, comply with all applicable laws, rules and regulations, of any and all City, State and Federal agencies, including, but not limited to, the Federal Aviation Administration ("FAA"), Transportation Security Administration ("TSA"), the Department of Transportation ("DOT"), which may have jurisdiction over, or be concerned with, the programming and planning of Project tasks.

4.5. If a change in the applicable laws, rules or regulations causes an increase in the scope of work or services to be performed by Consultant pursuant to this Contract, then the parties hereto shall agree upon additional compensation, if any, to be paid to Consultant therefore, and this Contract shall be amended, if authorized, in writing, by LAWA prior to the performance by Consultant of said increased work or service.

Section 5.0 Task Orders.

5.1. Any Services to be provided by Consultant shall only be performed pursuant to Task Orders that provide a detailed description of either the services or tasks to be performed and the job classifications to be provided, the time frame for the work to be performed, the not to exceed amount to be charged, and any estimated expenses. The Consultant shall be compensated according to the Task Order and the guidelines established herein for the services provided.

5.2. Consultant shall provide a complete detailed proposal for each Task Order. The Task Order may be written to cover one or more job classifications from the Exhibit E Negotiated Cost Proposal, or other job classification(s) as agreed to and approved by LAWA.

5.3. Task Orders and any and all amendments to Task Orders shall be in writing and signed by LAWA and the Consultant.

5.4. This is a non-exclusive Contract and the City and LAWA are only obligated to Consultant for the scope and amount authorized within any given executed Task Order.

Section 6.0 Time Periods for Completion of Consultant's Services.

6.1. It is understood and agreed that time is material in the performance of each task(s), and phases within each task(s), under this Contract. The services and any defined deliverables shall be completed and delivered to LAWA in a prompt and timely fashion so as to permit the effective review and employment of the deliverables by LAWA during and throughout the performance of the Project. Consultant agrees to exercise diligence in the performance of its services consistent with the agreed upon project schedule, subject to the exercise of the generally accepted standard of care for performance of such services, provided, that the parties may at any time agree to a written change order in the event of an increase or decrease in the cost of, or the time required for, performance of any service under this Agreement. Consultant shall submit written notice of such impacts to LAWA and a mutually agreed upon amendment to the applicable Task Order shall be issued in writing executed by both parties prior to Consultant's performance of such services.

6.2. The time during which Consultant is delayed in its work by the acts or neglect of LAWA, or by LAWA's employees or those under it by Contract or otherwise, by court order, by acts or failures to act of local, State and Federal Agencies, and the airlines, or by acts of God which Consultant could not reasonably have foreseen and provided for, and which are not caused

by, or the continuance of which are not due to, any fault or negligence on the part of Consultant, shall be added to the applicable period for completion of Consultant's services under this Contract, but LAWA shall not be liable to Consultant for any damages on account of any such delay(s).

Section 7.0 Payment for Services.

7.1. For all Services rendered under this Contract, all costs, direct or indirect, and all expenses incurred by Consultant pursuant to this Contract, LAWA shall pay Consultant, subject to the maximum hourly rates and cost schedules set forth in Exhibit B and Exhibit E attached hereto and incorporated herein, on either (1) a mutually agreed-upon lump sum basis, (2) a direct time and material basis, or (3) a fixed fee basis.

7.2. For all Services rendered under this Contract, all costs, direct or indirect, and all expenses incurred by Consultant pursuant to this Contract, the total compensation to be paid to the Consultant for all services rendered under this contract shall not exceed the total sum of Three Million Eight Hundred Thousand and 00/100 Dollars (\$3,800,000.00) in accordance with Exhibit E.

7.3. LAWA, may add to the job classification(s), and or Sub-Consultants listed in Exhibit E, indicating corresponding hourly rates for such additional personnel. Any such addition(s) of personnel, and/or of Sub-Consultants, shall not entitle Consultant to any additional compensation beyond what is specified in Subsections 7.1 and 7.2 herein.

7.4. LAWA reserves the right to request the use of specific billing templates supplied by LAWA and any additional substantiation regarding any request for payment if LAWA considers such additional substantiation to be in the best interests of LAWA. LAWA will process each request for payment, following LAWA's normal procedure, upon approval of the request for payment by LAWA, which shall be paid to Consultant within thirty (30) days of LAWA's receipt of a satisfactory invoice.

7.5. All payment requests submitted by Consultant for Services (performed by Consultant, its sub-consultants or both) shall be certified by a duly authorized and knowledgeable officer of Consultant in a statement containing the following:

"I certify, under penalty of perjury, under the laws of the State of California, that to the best of my knowledge and belief, the above bill/invoice is just, true and correct according to the terms of this Contract, and that payment therefore has not been received."

7.6. Consultant shall perform a thorough Quality Assurance (QA)/Quality Control (QC) of each monthly invoice prior to submitting the same to LAWA. Any errors discovered in the Consultants invoicing will be brought to the Consultant's attention during the review cycle and the Consultant will be given a short time frame of approximately 2-3 days to correct any issues or provide adequate level of support documentation in order to keep the invoice in process. Should the correction not be made in the time specified, the charges will be removed and the invoices short paid. Should the charges be supported after the deadline, they may be resubmitted in the next month's invoice for consideration; however, if deemed in error or unallowable a second time, the Consultant waives it right to payment for these charges.

7.7. Unless otherwise specifically directed by LAWA, Consultant shall submit all pertinent timesheets for itself, and for all Sub-Consultants, that relate to each of its submitted monthly invoice(s). Consultant shall also maintain, in a form subject to audit, and in accordance with generally accepted accounting principles, backup documentation to support all entries in each submitted billing statement. Such documentation shall be made available to LAWA, and to its duly authorized representative(s), upon request by LAWA.

7.8. LAWA shall not be required to make payments for work not yet performed, nor for work deemed unsatisfactory by LAWA, which shall be in accordance with the standard of care outlined herein. The parties agree that LAWA, shall make the final determination as to when Consultant's services, or any part thereof, have been satisfactorily performed or completed to justify release of any given payment to Consultant under this Contract.

7.9. LAWA, the FAA, the Comptroller General of the United States, or any of their duly authorized representatives, shall have access to any books, documents, papers and records, of Consultant, and/or of Sub-Consultants, which are directly pertinent to this Contract, for the purpose of making audits, examinations, excerpts and transcriptions. Consultant shall maintain "records", including, but not limited to, books, documents, accounting procedures and practices, and other data, regardless of type and regardless of whether such items are in written form, in the form of computer data, or in any other form, sufficient to properly reflect all costs claimed to have been incurred under this Contract. Consultant shall make available to LAWA and to the Comptroller General, upon request and within a reasonable time, such records, materials and other evidence described herein for examination, audit or reproduction. Such records related to this Contract work shall be maintained and made available by Consultant for three (3) years after final payment on, final termination settlement of, or final dispute resolution of, this Contract,

whichever is later. To the extent that an audit by the City, City's independent auditors, Program Consultant, or their designees discloses excess charges inaccurately or improperly invoiced or allocated to this Contract by the Consultant or its Sub-Consultants, Consultant agrees to remit the amount of the overpayment to the City upon demand. If such audit discloses an overcharge of two percent (2%) or more of the total amount invoiced to the City for any year audited, and such audit is correct, Consultant shall pay the actual cost of such audit, which cost, in the case of audits conducted by City's auditors or City using in house staff, shall be computed on the basis of two (2) times the direct payroll of the audit staff completing the audit and audit report. Should audit disclose an underpayment to Consultant, City shall promptly remit the amount of the underpayment to the Consultant. The foregoing obligations to pay in the event of an overcharge do not apply to errors discovered in the processing of Applications for Payment in the ordinary course of business or to adjustments in the Consultant's Rate in Exhibit E. Consultant shall include, in any and all sub-consultant agreements under this Contract that exceed One Hundred Thousand Dollars (\$100,000.00), a provision setting forth the record retention requirements specified in this paragraph.

Section 8.0 Application for Payment.

8.1. Consultant shall submit a separate Request for Payment only on a monthly basis, or as directed by LAWA, for Services completed during the billing period. Each Request for Payment shall contain documentation acceptable to LAWA and the City. Such documentation shall include invoices for reimbursable expenses, applicable employee time sheets, identification of the scope of work completed, billing by personnel and job classifications and the applicable billing rates. Costs shall be broken down by direct labor costs, indirect field overhead rate, Fee, and other direct costs ("ODCs"). All requests for payments/invoices must be in accordance with Exhibit B, "Cost Reimbursable Guidelines." Each Request for Payment shall also contain a cumulative total of all monthly billings, shall identify cost broken down per Task Order, Task Order authorization amount, the monthly billing applicable to each Task Order, and a cumulative total applicable to each Task Order.

8.2. The Consultant shall also submit with each monthly Requests for Payment, a print out of its B2G "Contract Audit Summary" or, for Contracts not utilizing B2G, a "Subcontractor's Small/Minority/Women/Disadvantaged Business Utilization Form." A failure to submit said documentation with the Request for Payment, will result in remedies and/or sanctions as LAWA, or applicable law, deems appropriate, and a delay in processing future Requests for Payment.

8.3. LAWA reserves the right to require additional substantiation regarding any Request for Payment if LAWA considers such additional substantiation to be in the best interest of LAWA. LAWA shall process the Request for Payment, following LAWA's normal procedure, upon approval of said request by LAWA.

8.4. The parties agree that time is of the essence in the submission of any charge, invoice or Request for Payment and agree that, as a condition precedent to Consultant's right to payment, Consultant shall submit any charge, invoice or Request for Payment no later than one hundred twenty (120) days from the last date of service for which payment is sought. The parties agree that Consultant waives its right to payment for any charge, invoice or Request for Payment submitted more than one hundred twenty (120) days from the last date of services for which payment is sought.

Section 9.0 Insurance.

9.1. Consultant shall procure at its expense, and keep in effect at all times during the term of this Contract, the types and amounts of insurance specified in Attachment 1: Administrative Requirements, Insurance Requirements for Los Angeles World Airports, attached hereto and incorporated by reference herein. The specified insurance (except for Workers' Compensation and Professional Liability) shall also, by endorsement to the policies, include and insure City, LAWA, the Board and all of City's officers, employees and agents, their successors and assigns, as additional insureds, against the areas of risk described on Insurance Requirements for LAWA with respect to Consultant's acts or omissions in its operations, use, and occupancy of the Airports owned and operated by LAWA or other related functions performed by or on behalf of Consultant in, on or about the Airport.

9.2. Waiver of Subrogation. For commercial general liability insurance, Workers' Compensation insurance, and Professional Liability insurance, the insurer shall agree to waive all rights of subrogation against LAWA for Losses arising from activities and operations of Consultant insured in the performance of Services under this Contract.

9.3. Subcontractors. Consultant shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein unless otherwise agreed to in writing by the LAWA's Chief Executive Officer ("CEO") and approved as to form by the City Attorney.

9.4. Each specified insurance policy (other than Workers' Compensation and Professional Liability) shall contain a Severability of Interest (Cross Liability) clause which states, "It is agreed that the insurance afforded by this policy shall apply separately to each insured against whom claim is made, or suit is brought, except with respect to the limits of the company's liability." Additionally, Consultant's Commercial General Liability policy ("Policy") shall provide Contractual Liability Coverage, and such insurance as is afforded by the Policy shall also apply to the tort liability of the City assumed by the Consultant under this Contract.

9.5. All such insurance shall be primary and noncontributing with any other insurance held by City's Department of Airports where liability arises out of, or results from, the acts or omissions of Consultant, its agents, employees, officers, invitees, assigns, or any person or entity acting for, or on behalf of, Consultant.

9.6. Such policies may provide for reasonable deductibles and/or retentions acceptable to LAWA, based upon the nature of Consultant's operations and the type of insurance involved.

9.7. LAWA shall have no liability for any premiums charged for such coverage(s). The inclusion of City, LAWA, the Board, and all of its officers, employees and agents, and their agents and assigns, as additional insureds, is not intended to, and shall not, make them, or any of them, a partner or joint venture of Consultant in its operations at the Airport.

9.8. In the event Consultant fails to furnish LAWA evidence of insurance, or to maintain the insurance as required under this Section, LAWA, shall afford Consultant ten (10) days' prior written notice to Consultant of its intention to secure the required insurance at the cost and expense of Consultant. Consultant may secure its own insurance, and furnish evidence of such insurance to LAWA, during this ten (10) day period. Should Consultant fail to secure insurance, and provide evidence of said insurance to LAWA within the ten (10) day period, LAWA shall have the right to secure the required insurance at the cost and expense of Consultant, and Consultant agrees to promptly reimburse LAWA for the cost thereof, plus fifteen percent (15%) for administrative overhead.

9.9. At least ten (10) days prior to the expiration date of any of the above policies, documentation showing that the insurance coverage has been renewed or extended shall be filed with the LAWA. If any such coverage is cancelled or reduced, Consultant shall, within fifteen (15) days of such cancellation or reduction of coverage, file with LAWA evidence that the required

insurance has been reinstated, or is being provided through another insurance company or companies.

9.10. Consultant shall provide proof of all specified insurance and related requirements to LAWA either by production of the actual insurance policy(ies), certificates of insurance, by use of LAWA's own endorsement form(s), by broker's letter acceptable to LAWA in both form and content in the case of foreign insurance syndicates, or by other written evidence of insurance acceptable to LAWA. The documents evidencing all specified coverages shall be filed with LAWA prior to the Consultant performing the Services hereunder. Such documents shall contain the applicable policy number(s), the inclusive dates of policy coverage(s), the insurance carrier's name(s), and they shall bear an original or electronic signature of an authorized representative of said carrier(s), and they shall provide that such insurance shall not be subject to cancellation, reduction in coverage or non-renewal, except after the carrier(s) and the Consultant provide actual, written notice (by Certified Mail) to the City Attorney of the City of Los Angeles at least thirty (30) days prior to the effective date thereof.

9.11. LAWA and Consultant agree that the insurance policy limits specified in this Section shall be reviewed for adequacy annually throughout the term of this Contract by LAWA, who may thereafter require Consultant to adjust the amount(s) of insurance coverage(s) to whatever amount(s) LAWA deems to be adequate. LAWA reserves the right to have submitted to it, upon request, all pertinent information about the agent(s) and carrier(s) providing such insurance.

Section 10.0 City Held Harmless.

10.1. To the fullest extent permitted by law, Consultant shall defend, indemnify and hold harmless City and any and all of City's boards, officers, agents, employees, assigns and successors in interest from and against any and all suits, claims, causes of action, liability, losses, damages, demands or expenses (including, but not limited to, attorney's fees and costs of litigation), claimed by anyone (including Consultant and/or Consultant's agents or employees) by reason of injury to, or death of, any person(s) (including Consultant and/or Consultant's agents or employees), or for damage to, or destruction of, any property (including property of Consultant and/or Consultant's agents or employees) or for any and all other losses, founded upon or alleged to arise out of, pertain to, or relate to the Consultant's and/or sub-consultant's performance of the Contract, whether or not contributed to by any act or omission of City, or of any of City's boards, officers, agents or employees; Provided, however, that where such suits, claims, causes of action,

liability, losses, damages, demands or expenses arise from or relate to Consultant's performance of a "Construction Contract" as defined by California Civil Code section 2783, this paragraph shall not be construed to require Consultant to indemnify or hold City harmless to the extent such suits, causes of action, claims, losses, demands and expenses are caused by the City's sole negligence, willful misconduct or active negligence; Provided further that where such suits, claims, causes of action, liability, losses, damages, demands or expenses arise from Consultant's design professional services as defined by California Civil Code section 2782.8, Consultant's indemnity obligations shall be limited to allegations, suits, claims, causes of action, liability, losses, damages, demands or expenses arising out of, pertaining to, or relating to the Consultant's negligence, recklessness or willful misconduct in the performance of the Contract.

10.2. In addition, and consistent with the requirements of Section 12.6 below, Consultant agrees to protect, defend, indemnify, keep and hold harmless City, including its boards, departments and City's officers, agents, servants and employees, from and against any and all claims, damages, liabilities, losses and expenses arising out of any threatened, alleged or actual claim that the end product provided to LAWA by Consultant violates any patent, copyright, trade secret, proprietary right, intellectual property right, moral right, privacy, or similar right, or any other rights of any third party anywhere in the world. Consultant agrees to, and shall, pay all damages, settlements, expenses and costs, including costs of investigation, court costs and attorney's fees, and all other costs and damages sustained or incurred by City arising out of, or relating to, the matters set forth above in this paragraph of the City's "Hold Harmless" agreement.

10.3. In Consultant's defense of the City under this Section, negotiation, compromise, and settlement of any action, the City shall retain discretion in and control of the litigation, negotiation, compromise, settlement, and appeals there from, as required by the Los Angeles City Charter, particularly Article II, Sections 271, 272 and 273 thereof.

10.4. Survival of Indemnities. The provisions of this Section 10 shall survive the termination of this Contract.

Section 11.0 Hazardous Materials and Other Regulated Substances.

Consultant shall not be held responsible for the presence or remediation of asbestos, asbestos-related materials, or any other hazardous substance, in any form whatsoever, as such materials and substances are defined by the Environmental Protection Agency or any other public

authority, found on any property or structure that is the subject of services performed by Consultant under this Contract.

Section 12.0 Intellectual Property Ownership and Rights.

12.1. Ownership. All Work Products originated and prepared by Consultant or its sub-consultant of any tier under this Contract shall be and remain the property of LAWA for its use in any manner it deems appropriate; provided, however, that any use unintended under this Contract, or modification or alteration of the Work Products without the direct involvement of the Consultant shall be without Liability to Consultant. Work Products are all works, tangible or not, created under this Contract for LAWA including, without limitation, documents, material, data, reports, manuals, specifications, artwork, drawings, sketches, computer programs and databases, schematics, photographs, video and audiovisual recordings, sound recordings, marks, logos, graphic designs, notes, websites, domain names, inventions, processes, formulas matters and combinations thereof, and all forms of intellectual property therein. To the extent applicable under the U.S. Copyright Act, all works created by Consultant under this Contract are work-made-for-hire created for the sole benefit and ownership of LAWA. Consultant hereby assigns, and agrees to assign to LAWA, all goodwill, copyrights and trademarks in all Work Products originated and prepared by Consultant under this Contract. Consultant further agrees to execute any documents necessary for LAWA to perfect, memorialize, or record LAWA's ownership of rights provided herein. This paragraph shall survive expiration or termination of this Contract.

12.2. Obligations on Sub-Consultant. Any sub-contract entered into by Consultant relating to this Contract, to the extent allowed hereunder, shall include a like provision (on LAWA's ownership in Work Products) for work to be performed under this Contract to contractually bind or otherwise oblige its sub-consultants performing work under this Contract such that LAWA's ownership rights of all Work Products are preserved and protected as intended herein. Failure of Consultant to comply with this requirement or to obtain the compliance of its sub-consultant with such obligations shall subject Consultant to all remedies allowed under law and termination of this Contract.

12.3. Use of Work Products by Third Parties. Consultant shall not make available, provide or disclose any Work Product to any third party without prior written consent of LAWA.

12.4. No Transfer of Pre-Existing Intellectual Property. Nothing herein may be construed to transfer to LAWA any ownership, interest or right in any of the Consultant's intellectual property, trade secrets or know-how that is pre-existing before commencement of this Contract, or that is derived independent of Consultant's performance of this Contract.

12.5. Non-Infringement Warranty. Consultant hereby represents and warrants that performance of all obligations under this Contract does not infringe in any way, directly or contributory, upon any third party's intellectual property rights, including, without limitation, patents, copyrights, trademarks, trade secrets, right of publicity and proprietary information. This section shall survive expiration or termination of this Contract.

12.6. Indemnification of Third Party Intellectual Property Infringement Claims.

Consultant will defend at its sole expense and hold harmless in any infringement claim, demand, proceeding, suit or action ("Action" hereinafter), LAWA, its commissioners, officers, directors, agents, employees, or affiliates ("LAWA Defendants") for any infringement or violation, actual or alleged, direct or contributory, intentional or otherwise, of any intellectual property rights, including patents, copyrights, trade secrets, trademarks, service marks, ideas, concepts, themes, methods, algorithms and other proprietary information or rights (collectively "Intellectual Property rights" hereinafter), (1) on or in any design, medium, matter, plant, article, process, method, application, equipment, device, instrumentation, software, hardware, or firmware used by the Consultant or Sub-Consultants in performing the work under this Contract; or (2) as a result of LAWA's actual or intended use of any Work Product furnished by Consultant and/or sub-consultant under the Contract. Consultant also shall indemnify LAWA against any loss, cost, expense, liability, and damages awarded against LAWA or settlement as a consequence of such Action. Under no circumstances is Consultant liable under this sub-section to defend and hold LAWA harmless, where LAWA licenses or sublicenses for profit any of the intellectual property rights in the Work Product to a third-party whose use of the intellectual property gives rise to the alleged infringement and whose use is not in any way part of the intended use for the benefit of LAWA under this Contract.

12.7. In Consultant's defense of LAWA Defendants, negotiation, compromise, and settlement of any such infringement Action, LAWA shall retain discretion in and control of the litigation, negotiation, compromise, settlement, and appeals there from, as required by the Los Angeles City Charter, particularly Article II, Sections 271, 272 and 273 thereof.

12.8. Where any Work Product furnished by Consultant is in a form of software or firmware ("Vehicle"), and if any part of the such Vehicle (a) becomes the subject of an Action, (b) is adjudicated as infringing a third party's Intellectual Property right, or (c) has its use enjoined or license terminated; Consultant shall, with LAWA's consent, do one of the following immediately. Consultant shall at its expense either:

- i) Procure for LAWA the right to continue using said part of the Vehicle; or
- ii) Replace the Vehicle with a functionally equivalent, non-infringing product.

Exercise of any of the above-mentioned options shall not cause undue business interruption to LAWA or diminish the intended benefits and use of the Work Product by LAWA under the specifications herein.

12.9. Rights and remedies available to LAWA hereinabove shall survive the expiration or other termination of this Contract. Further, the rights and remedies are cumulative of those provided for elsewhere in this Contract and those allowed under the laws of the United States, the State of California, and the City of Los Angeles. This Paragraph shall survive the expiration or other termination of this Contract.

12.10. Consultant's Trade Secrets. Trade Secrets, as used in this Contract, are defined in California Government Code Section 6254.7 and California Evidence Code Section 1061(a)(1) and may include, but are not limited to, any formula, plan, pattern, process, tool, mechanism, compound, procedure, production data, or compilation of information which is not patented, which is known only to certain individuals within a commercial concern who are using it to fabricate, produce, or compound an article of trade or a service having commercial value and which gives its user an opportunity to obtain a business advantage over competitors who do not know or use it. No Work Products or deliverables created and delivered to LAWA under this Contract may constitute Trade Secrets of Consultant.

12.11. Consultant hereby stipulates that LAWA is not nor expected to be in possession of any of Consultant's Trade Secrets. In the unlikely event that Consultant reveals any of its Trade Secrets (that is so marked conspicuously on every page) to LAWA to further the intent and purpose of this Contract and so notifies LAWA in writing that it has revealed its Trade Secrets to LAWA, then LAWA agrees to notify Consultant of any request made pursuant to the California Public Records Act, Cal. Gov. Code, § 6250 et seq., ("CPRA") that includes Consultant's Trade Secrets. LAWA may disclose any of Consultant's Trade Secrets if Consultant does not object in

writing to LAWA after ten (10) calendar days from the notice mailing date by LAWA to Consultant of the CPRA request.

12.12. Unless expressly stated otherwise, for all pre-existing third-party and Consultant's intellectual property (if any), including software, required to operate or use any Work Product delivered by Consultant, Consultant hereby grants and will cause others to grant LAWA (including its agents and consultants) a royalty-paid, perpetual, irrevocable license to use such pre-existing intellectual property internally by LAWA (including its agents and consultants).

Section 13.0 Standard of Care.

13.1. Consultant's services rendered in the performance of this Contract shall conform to the generally accepted professional standards of a specialist who provides professional services for major international airports of the type, scope, quality and complexity described in the Scope of Services.

13.2. Consultant shall assure the standard of care provided for is met by providing effective supervision and peer review as necessary to provide for quality control and quality assurance of the design.

13.3. Consultant shall, at its own expense, promptly correct each and every design error and/or omission for which it is responsible, whether or not the result of failure to meet the standard of care, and whether committed by it or a subconsultant of it. Nothing contained herein precludes Consultant from requiring subconsultant to promptly correct any such error or omission attributable to it. Consultant's obligation in this regard is in addition to all other legal and contractual obligations of Consultant.

Section 14.0 Independent Contractor.

In furnishing the services provided for herein, Consultant is acting as an independent contractor, is to furnish such services in its own manner and method, and is in no respects to be considered an officer, employee, servant or agent of LAWA.

Section 15.0 Nondiscrimination and Affirmative Action Program.

15.1. During the term of this Contract, Consultant agrees and obligates itself in the performance of this Contract not to discriminate against any employee or applicant for employment because of the employee's or applicant's race, religion, national origin, ancestry, sex, sexual orientation, age, physical handicap, marital status, domestic partner status, or medical

condition. Consultant shall take affirmative action to ensure that applicants for employment are treated, during the term of this Contract, without regard to the aforementioned factors and Consultant shall comply with the affirmative action requirements of Los Angeles Administrative Code Sections 10.8, et seq., or any successor ordinances or laws pertaining to discrimination.

15.2. During the performance of this Contract, Consultant agrees to comply with Section 10.8.3 of the Los Angeles Administrative Code ("Equal Employment Practices"), including any future amendments thereto, which is incorporated herein by this reference. By way of specification, but not limitation, pursuant to Sections 10.8.3.E and 10.8.3.F of said Administrative Code, the failure of Consultant to comply with the Equal Employment Practices provisions of this Contract may be deemed to be a material breach of this Contract. No such finding shall be made, nor penalties assessed, except upon a full and fair hearing after notice and an opportunity to be heard has been provided to Consultant. Upon a finding duly made that Consultant has failed to comply with said Equal Employment Practices provisions of this Contract, this Contract may be forthwith terminated, cancelled or suspended.

15.3. During the performance of this Contract, Consultant agrees to comply with Section 10.8.4 of the Los Angeles Administrative Code ("Affirmative Action Program"), including any future amendments thereto, which is incorporated herein by this reference. By way of specification, but not limitation, pursuant to Sections 10.8.4.E and 10.8.4.F of said Administrative Code, the failure of Consultant to comply with the Affirmative Action Program provisions of this Contract may be deemed to be a material breach of this Contract. No such finding shall be made, nor penalties assessed, except upon a full and fair hearing after notice and an opportunity to be heard has been provided to Consultant. Upon a finding duly made that Consultant has failed to comply with the Affirmative Action Program provisions of this Contract, this Contract may be forthwith terminated, cancelled or suspended.

15.4. All subcontracts awarded under this Contract shall contain similar provisions and Consultant shall require each of its subcontractors to complete a like certification and to submit to it an Affirmative Action Plan acceptable to LAWA.

15.5. Consultant also agrees to comply with the provisions of Article 3 of Chapter 1, Part 7, Division 2 of the Labor Code of the State of California, and with all other applicable statutes, ordinances, and regulations relative to employment, wages, and hours of labor.

Section 16.0 First Source Hiring Program for Airport Employers (LAX Only).

Consultant shall comply with the applicable provisions of the First Source Hiring Program adopted by the Board. The rules, regulations, requirements, and penalties of the First Source Hiring Program are attached hereto as Exhibit C and made a material term of this Contract. Consultant shall be an “Airport Employer” under the First Source Hiring Program.

Section 17.0 Disadvantaged Business Enterprises.

17.1. Pursuant to United States Code of Federal Regulations Title 49 Transportation, Subtitle A, Part 26 (49 CFR 26), Executive Directive No. 2001-26 of Mayor Richard Riordan and the Provisions of Resolution No. 19765 of the Board of Airport Commissioners, it is the policy of Los Angeles World Airports (LAWA) to provide Disadvantaged Business Enterprises (“DBEs”) an equal opportunity to participate in the performance on all LAWA contracts. The objective of this policy is to achieve the participation of DBEs at levels comparable to their availability to provide goods and services to Los Angeles World Airports, with the ultimate goal of developing their status and expertise so that they may compete for future contracts on an equal basis.

17.2. Consultant hereby agrees and obligates itself to utilize the services of the DBE firms designated in its Proposal on the level designated in its Proposal; specifically, at least fifteen percent (15%) of Consultant’s proposed DBE level of participation.

17.3. Consultant shall submit, on a monthly basis, its invoice for requesting payment, a print out of its B2G “Contract Audit Summary” or, a “Subcontractor’s Small/Minority/Women/Disadvantaged Business Utilization Form.” On a monthly basis, Consultant shall also enter into the Business Diversity Compliance Management System (also known as B2GNOW) or other reporting method and business enterprise monitoring system selected by LAWA listing the DBE Subcontractors and other subcontractors utilized during the reporting period. The Consultant and its approved subcontractors shall utilize the B2GNOW or other reporting method to track and confirm progress payment and shall cooperate with LAWA personnel in providing participation information as requested by LAWA in order to ensure compliance with the provision of this section. Future payment requests may be delayed or withheld if Consultant fails to enter subcontractor utilization information at time of invoicing or Consultant fails to promptly provide any and all information related to DBE participation as requested by LAWA. In addition, LAWA may take other remedies and/or sanctions as LAWA, or applicable law, deems appropriate.

17.4. Failure to comply with any Disadvantaged Business Enterprise requirements shall subject the Consultant to remedies and/or sanctions as provided for by law.

17.5. Failure to comply with any of the terms of this Section (or the terms of this Contract) shall constitute a material breach of contract and may result in the Consultant being deemed "Non-Responsible." (Section 10.40 et seq. of the Los Angeles Administrative Code.)

Section 18.0 Subcontractor Payments.

Prompt Payments. Consultant agrees to pay each subconsultant under this prime contract, and require the same of its subconsultants, not later than seven (7) days after receipt of each progress payment, the respective amounts allowed the Consultant on account of the work performed by the subconsultants, to the extent of each subconsultant's interest therein pursuant to California Business and Professions Code Section 7108.5. In the event that there is a good faith dispute over all or any portion of the amount due on a payment from the Consultant or subconsultant to a subconsultant, the Consultant or subconsultant may withhold no more than 150 percent of the disputed amount. Consultant shall include this provision in all subcontracts.

Section 19.0 Living Wage and Worker Retention Requirements.

19.1. Living Wage Ordinance.

19.1.1 General Provisions: Living Wage Policy. This Contract is subject to the Living Wage Ordinance ("LWO") (Section 10.37, et seq., of the Los Angeles Administrative Code, which is incorporated herein by this reference. The LWO requires that, unless specific exemptions apply, any employees of service contractors who render services that involve an expenditure in excess of twenty-five thousand dollars (\$25,000) and a contract term of at least three months are covered by the LWO if any of the following applies: (1) at least some of the services are rendered by employees whose work site is on property owned by the City, (2) the services could feasibly be performed by employees of the City if the awarding authority had the requisite financial and staffing resources, or (3) the designated administrative agency of the City has determined in writing that coverage would further the proprietary interests of the City. Employees covered by the LWO are required to be paid not less than a minimum initial wage rate, as adjusted each year. The LWO also requires that employees be provided with at least twelve (12) compensated days off per year for sick leave, vacation, or personal necessity at the employee's request, and at least ten (10) additional days per year of uncompensated time pursuant to Section

10.37.2(b). The LWO requires employers to inform employees making less than twelve dollars (\$12) per hour of their possible right to the federal Earned Income Tax Credit ("EITC") and to make available the forms required to secure advance EITC payments from the employer pursuant to Section 10.37.4. Consultant shall permit access to work sites for authorized City representatives to review the operation, payroll, and related documents, and to provide certified copies of the relevant records upon request by the City. Whether or not subject to the LWO, Consultant shall not retaliate against any employee claiming non-compliance with the provisions of the LWO, and, in addition, pursuant to Section 10.37.6(c), Consultant agrees to comply with federal law prohibiting retaliation for union organizing.

19.1.2 Living Wage Coverage Determination. An initial determination has been made that this is a service contract under the LWO and that it is not exempt from coverage by the LWO. Determinations as to whether this Contract is a service contract covered by the LWO, or whether an employer or employee are exempt from coverage under the LWO are not final, but are subject to review and revision as additional facts are examined and/or other interpretations of the law are considered. In some circumstances, applications for exemption must be reviewed periodically. The City shall notify Consultant in writing about any redetermination by the City of coverage or exemption status. To the extent Consultant claims non-coverage or exemption from the provisions of the LWO, the burden shall be on Consultant to prove such non-coverage or exemption.

19.1.3 Compliance; Termination Provisions And Other Remedies: Living Wage Policy. If Consultant is not initially exempt from the LWO, Consultant shall comply with all of the provisions of the LWO, including payment to employees at the minimum wage rates, effective on the Execution Date of this Contract, and shall execute the Declaration of Compliance Form attached to this Contract, contemporaneously with the execution of this Contract. If Consultant is initially exempt from the LWO, but later no longer qualifies for any exemption, Consultant shall, at such time as Consultant is no longer exempt, comply with the provisions of the LWO and execute the then currently used Declaration of Compliance Form, or such form as the LWO requires. Under the provisions of Section 10.37.6(c) of the Los Angeles Administrative Code, violation of the LWO shall constitute a material breach of this Contract and the City shall be entitled to terminate this Contract and otherwise pursue legal remedies that may be available, including those set forth in

the LWO, if the City determines that Consultant violated the provisions of the LWO. The procedures and time periods provided in the LWO are in lieu of the procedures and time periods provided elsewhere in this Contract. Nothing in this Contract shall be construed to extend the time periods or limit the remedies provided in the LWO.

19.1.4 Subcontractor Compliance. Consultant agrees to include in every subcontract involving this Contract entered into between Consultant and any subcontractor, a provision pursuant to which such subcontractor (A) agrees to comply with the LWO and the Worker Retention Ordinance ("WRO") with respect to this Contract; (B) agrees not to retaliate against any employee lawfully asserting noncompliance on the part of the subcontractor with the provisions of either the LWO or the WRO; and (C) agrees and acknowledges that City, as the intended third-party beneficiary of this provision may (i) enforce the LWO and the WRO directly against the subcontractor with respect to this Contract, and (ii) invoke, directly against the subcontractor with respect to this Contract, all the rights and remedies available to the City under Section 10.37.5 of the LWO and Section 10.36.3 of the WRO, as same may be amended from time to time.

19.2. Worker Retention Ordinance. This Contract may be subject to the WRO (Section 10.36, et seq, of the Los Angeles Administrative Code), which is incorporated herein by this reference. If applicable, Consultant must also comply with the WRO which requires that, unless specific exemptions apply, all employers under contracts that are primarily for the furnishing of services to or for the City and that involve an expenditure or receipt in excess of \$25,000 and a contract term of at least three (3) months, shall provide retention by a successor contractor for a ninety (90) day transition period of the employees who have been employed for the preceding twelve (12) months or more by the terminated contractor or subcontractor, if any, as provided for in the WRO. Under the provisions of Section 10.36.3(c) of the Los Angeles Administrative Code, the City has the authority, under appropriate circumstances, to terminate this Contract and otherwise pursue legal remedies that may be available if the City determines that the subject contractor violated the provisions of the WRO.

Section 20.0 Compliance With Los Angeles City Charter Section 470(c)(12) and 609(E).

The Consultant, other underwriting firm members of the underwriting syndicate, Subcontractors, and their Principals are obligated to fully comply with City of Los Angeles Charter Sections 470(c)(12), 609(e) and related ordinances, regarding limitations on campaign contributions and fundraising to certain elected City officials or candidates for elected City office.

Gifts to elected officials and certain City officials are also limited. Additionally, Consultant and other underwriting firm members of the underwriting syndicate are required to provide and update certain information to the City as specified by law. Any Consultant and other underwriting firm members of the underwriting syndicate subject to Charter Section 470(c)(12) and 609(e), shall include the following notice in any contract with a subcontractor expected to receive at least \$100,000 for performance under this contract:

Notice Regarding City of Los Angeles Campaign Contribution and Fundraising Restrictions

As provided in Charter Sections 470(c)(12), 609(e) and related ordinances, you are subcontractor or underwriting firm on City of Los Angeles Contract/Resolution #_____. Pursuant to City Charter Section 470(c)(12) and 609(e), underwriting firm, subcontractor and principals are prohibited from making campaign contributions and fundraising for certain elected City officials or candidates for elected City office for 12 months after the City contract is signed. Additionally, gifts are limited to elected officials and certain City officials. Subcontractor is required to provide to contractor names and addresses of the subcontractor's principals and contact information and shall update that information if it changes during the 12 month time period. Subcontractor's information included must be provided to contractor within 10 business days. Failure to comply may result in termination of contract or any other available legal remedies including fines. Information about the restrictions may be found at the City Ethics Commission's website at <http://ethics.lacity.org/> or by calling 213/978-1960.

Consultant, underwriting firms, subcontractors, and their principals shall comply with these requirements and limitations. Violation of this provision shall entitle LAWA to terminate this Agreement and pursue any and all legal remedies that may be available.

Section 21.0 Assignment of Anti-Trust Claims.

Pursuant to California Government Code Sections 4550 et seq. regarding Anti-Trust Claims, it is the policy of the City to inform each proposer that in submitting a bid/proposal to LAWA the proposer offers and agrees to assign LAWA all rights, title and interest in and to all causes of action it may have under the Clayton Act or Cartwright Act, arising from purchases of goods, services or materials. This assignment is made and becomes effective at the time LAWA tenders final payment to the Proposer.

Section 22.0 Equal Benefits Ordinance (EBO).

22.1. Unless otherwise exempt in accordance with the provisions of the Equal Benefits ("EBO") Ordinance, this Contract is subject to the applicable provisions of EBO Section 10.8.2.1 of the Los Angeles Administrative Code, as amended from time to time.

22.2. During the term of this Contract, Consultant certifies and represents that the Consultant will comply with the EBO. Furthermore, Consultant agrees to post the following statement in conspicuous places at its place of business available to employees and applicants for employment:

“During the term of a Contract with the City of Los Angeles, the Consultant will provide equal benefits to employees with spouses and its employees with domestic partners. Additional information about the City of Los Angeles' Equal Benefits Ordinance may be obtained from the Department of Public Works, Bureau of Contract Administration, Office of Contract Compliance at (213) 847-6480.”

Section 23.0 Child Support Orders.

23.1. This Contract is subject to Section 10.10, Article I, Chapter 1, Division 10 of the Los Angeles Administrative Code, related to Child Support Assignment Orders, which is incorporated herein by this reference. Pursuant to this section, Consultant (and any subcontractor of Consultant providing services to the City under this Contract) shall (1) fully comply with all State and Federal employment reporting requirements for Consultant's, or Consultant's subcontractor's, employees applicable to Child Support Assignments Orders; (2) certify that the principal owner(s) of Consultant and applicable subcontractors are in compliance with any Wage and Earnings Assignment Orders and Notices of Assignment applicable to them personally; (3) fully comply with all lawfully served Wage and Earnings Assignment Orders and Notices of Assignment in accordance with California Family Code Section 5230, et seq.; and (4) maintain such compliance throughout the term of this Contract.

23.2. Pursuant to Section 10.10(b) of the Los Angeles Administrative Code, failure of Consultant, or an applicable subcontractor, to comply with all applicable reporting requirements, or to implement lawfully served Wage and Earnings Assignment Orders and Notices of Assignment, or the failure of any principal owner(s) of Consultant or applicable subcontractors to comply with any Wage and Earnings Assignment Orders and Notices of Assignment applicable to them personally, shall constitute a default of this Contract, thereby subjecting this Contract to termination, where such failure(s) shall continue for more than ninety (90) days after notice of such failure(s) to Consultant by LAWA (in lieu of any time for cure provided elsewhere in this Contract).

Section 24.0 Contractor Responsibility Program.

24.1. Pursuant to Resolution No. 21601 adopted by the Board of Airport Commissioners, effective May 20, 2002, it is the policy of LAWA to ensure that all LAWA contractors have the necessary quality, fitness and capacity to perform the work set forth in the contract. LAWA shall award contracts only to entities and individuals it has determined to be Responsible Contractors. The provisions of this Program apply to leases and contracts for construction, for services, and for purchases of goods and products that require Board approval.

24.2. Bidders/Proposers are required to complete and submit with the bid/proposal the attached "Contractor Responsibility Program Questionnaire" that provides information LAWA needs in order to determine if the bidder/proposer is responsible and has the capability to perform the contract. The information contained in the CRP Questionnaire is subject to public review for a period of not less than 14 days. Bidders/Proposers are also required to complete, sign and submit with the bid/proposal the attached "Contractor Responsibility Program Pledge of Compliance." Bidders/Proposers are also required to respond within the specified time to LAWA's request for information and documentation needed to support a Contractor Responsibility determination. Subcontractors will be required to submit the Pledge to the prime contractor prior to commencing work. The CRP Rules and Regulations are available at <http://www.lawa.org>.

Section 25.0 Failure to Provide Prompt, Efficient and Thorough Services.

If, in the opinion of LAWA, Consultant fails to provide prompt, efficient and thorough services, or if Consultant fails to complete the several portions of its work within the time limits provided, LAWA shall have the right to cancel this Contract, and pay Consultant therefore in accordance with the provisions of Section 26.0, "Abandonment of Project and Cancellation of Contract or Suspension of Services".

Section 26.0 Abandonment of Project and Cancellation of Contract or Suspension of Services.

26.1. If, at any time, Board, for any reason, decides to terminate the Project, or any part thereof, or Consultant's services, or any part thereof, Board may: 1) require Consultant to terminate the performance of all, or a portion, of its services; and/or 2) terminate this Contract, or any part thereof, upon giving Consultant a thirty (30) day written notice prior to the effective date of such termination, which date shall be specified in such notice. Upon receipt of the Notice,

Consultant shall immediately cease all activity except for that activity expressly authorized by the Notice.

26.2. In the event this Contract, or any portion hereof, and/or Consultant's services, or any portion thereof, is terminated by LAWA, LAWA shall only pay Consultant the amount due to the Consultant for services provided up to the termination date.

26.3. LAWA shall not be liable for the cost of work performed, nor for expenses incurred, subsequent to the date specified by LAWA in the thirty (30) day written notice to terminate. Such payments shall be made by LAWA within a reasonable time following receipt of Consultant's invoice(s) therefore.

26.4. LAWA may, at any time, upon written order to Consultant, require Consultant to stop all, or any part, of the services called for by this Contract for a period of thirty (30) days. Said thirty (30) day period shall commence on the day the written order is delivered to Consultant, and shall further be extended for any period to which the parties may agree. Any such order shall be specifically identified as a "Stop Work Order" issued pursuant to this clause. Upon receipt of such an Order, Consultant shall forthwith comply with its terms. Within a period of thirty (30) days after a Stop Work Order is delivered to Consultant, or within any extension of that period to which the parties have agreed, LAWA shall either:

- (a) Cancel the Stop Work Order; or
- (b) Terminate the services as provided in Section 25.1 hereof.

26.5. If a Stop Work Order issued under this Section is cancelled or expires, or the period of any extension thereof is cancelled or expires, Consultant shall not resume work until the Stop Work Order has been retracted in writing by LAWA. Upon retrieval of the Stop Work Order an equitable adjustment will thereafter be made for Consultant's time of performance, Consultant's compensation, or both, consistent with the provisions of Section 7.0 of this Contract, if:

- (a) The Stop Work Order results in an increase in the time required for, or in Consultant's cost properly allocable to, the performance of services under this Contract; and
- (b) Consultant asserts a claim for such adjustment within thirty (30) days after the end of the period of work stoppage; provided, however, that LAWA may investigate any facts relating to any such claim.

26.6. If a Stop Work Order is not cancelled or retracted, and the services covered by such order are terminated for the convenience of LAWA, no costs resulting from said Stop Work Order shall be allowed.

26.7. It is understood and agreed that should LAWA decide that any portion of Program and/or Consultant's services shall be suspended or terminated, this Contract shall continue to apply to that portion or those portions not suspended or terminated, and that such suspension or termination of a portion of Program or services shall in no way make void or invalid this Contract as to that portion, or those portions, not suspended or terminated.

26.8. All finished or unfinished documents and materials produced or procured under this Contract, including all intellectual property rights thereto, shall become LAWA property upon date of such termination. Consultant agrees to execute any documents necessary for LAWA to perfect, memorialize, or record LAWA's ownership of rights provided herein. This section shall survive termination of this Contract.

Section 27.0 Assignment or Transfer Prohibited.

27.1. Consultant shall not, in any manner, directly or indirectly, by operation of law or otherwise, hypothecate, assign, transfer or encumber this Contract, or any portion thereof or any interest therein, in whole or in part, without the prior written consent of LAWA's CEO. The names of Subcontractor/Subconsultants or others whom Consultant intends to employ to perform services as part of the Program shall be submitted to LAWA for prior approval.

27.2. For purposes of this Contract, the terms "transfer" and "assign" shall include, but not be limited to, the following: (i) if Consultant is a partnership or limited liability company, the transfer of fifty percent (50%) or more of the partnership interest or membership or the dissolution of the Consultant; and, (ii) if Consultant is a corporation, any cumulative or aggregate sale, transfer, assignment, or hypothecation of fifty percent (50%) or more of the voting shares of Consultant.

Section 28.0 Business Tax Registration.

28.1. Consultant represents that it has registered its business with the City Clerk of the City of Los Angeles and has obtained and presently holds from that Office a Business Tax Registration Certificate, or a Business Tax Exemption Number, required by City's Business Tax Ordinance (Article 1, Chapter 2, Sections 21.0 and following, of City's Municipal Code).

28.2. Consultant shall maintain, or obtain as necessary, all such Certificates required of it under said Ordinance and shall not allow any such Certificate to be revoked or suspended during the Term hereof.

Section 29.0 Confidentiality of Information.

29.1. Unless expressly agreed otherwise by LAWA in writing, all Deliverables (including but not limited to all drawings, documents, specifications, plans, reports, statistics and data) and any other information in any form prepared by or provided to Consultant in connection with this Contract (collectively, "Program Data") are property of LAWA and are confidential. Consultant expressly agrees that, except as specifically authorized by LAWA in writing or as may be required by law, Program Data will be made available only to LAWA, and, on a need-to-know basis, Consultant's employees and subcontractors. Consultant acknowledges that Program Data may contain information vital to the security of the Airports. Consultant shall take utmost precaution/measures while sharing information with its Subconsultants, and shall do so on a need-to-know basis only, even while working on the Program. If Consultant fails to comply with this section, Consultant will be liable for the reasonable costs of actions taken by LAWA, the airlines, the FAA, or the TSA that the applicable entity reasonably incurs in good faith as a result of such failure, including, without limitation, the design and construction of improvements, procurement and installation of security devices, and posting of guards. Consultant and its Subconsultants shall store all the information gathered as part of this Program in a secure and safe place during and/or after the performance of this Contract.

29.2. Except as authorized in writing by LAWA, Consultant must not issue any publicity news releases or grant press interviews, and except as may be required by law during or after the performance of this Contract, disseminate any information regarding its Services or the tasks/projects to which the Services pertain.

29.3. If Consultant is presented with a subpoena or a request by an administrative agency regarding any Program Data which may be in Consultant's possession by reason of this Contract, Consultant must immediately give notice to LAWA and to the City Attorney for the City of Los Angeles, with the understanding that LAWA will have the opportunity to contest such process by any means available to it before any Program Data are submitted to any court, administrative agency, or other third party. Consultant, however, is not obligated to withhold the delivery beyond the time ordered by the court or administrative agency, unless the subpoena or request is quashed or the time to produce is otherwise extended.

Section 30.0 Appropriation of Funds.

30.1. Notwithstanding any other provision of this Contract, including any exhibits or attachments incorporated herein, and in order for LAWA to comply with its governing legal requirements, LAWA shall have no obligation to make any payments to Consultant unless LAWA shall have first made an appropriation of funds equal to, or in excess of, its obligation to make any payments as provided in this Contract. Consultant agrees that any services provided by Consultant, purchases made by Consultant, or expenses incurred by Consultant, in excess of said appropriation(s), shall be free and without charge to LAWA, and LAWA shall have no obligation to pay for any of said services, purchases or expenses. Consultant shall have no obligation to provide services, nor to incur any expenses, in excess of the appropriated amount(s) until LAWA appropriates additional funds for this Contract.

30.2. If LAWA does not appropriate additional funds in an amount equal to, or in excess of, its obligation to make any payments as provided in this Contract, either party may terminate the Contract by providing thirty (30) days written notice to the other party. The parties agree that this termination provision shall have no force or effect on either of the parties' respective rights to terminate this Contract under any other provision thereof.

Section 31.0 Compliance With Applicable Laws.

31.1. Consultant shall, at all times during the performance of its obligations under this Contract, comply with all applicable present and/or future local, LAWA, State and Federal laws, statutes, ordinances, rules, regulations, restrictions and/or orders, including the hazardous waste and hazardous materials regulations, and the Americans With Disabilities Act of 1990. Consultant shall be solely responsible for any and all damages caused, and/or penalties levied, as the result of Consultant's noncompliance with such enactments. Further, Consultant agrees to cooperate fully with the City in its efforts to comply with the Americans With Disabilities Act of 1990 and any amendments thereto, or successor statutes.

31.2. Should Consultant fail to comply with this Section, then LAWA shall have the right, but not the obligation, to perform, or have performed, whatever work is necessary to achieve equal access compliance. Consultant will then be required to reimburse LAWA for the actual cost of achieving compliance, plus a fifteen percent (15%) administrative charge.

Section 32.0 Waiver.

The waiver by LAWA of any breach of any term, covenant, or condition herein contained shall not be deemed to be a waiver of any other term, covenant, or condition, or of any subsequent breach of the same term, covenant, or condition.

Section 33.0 Miscellaneous.

33.1. It is the intention of the parties hereto that if any provision of this Contract is capable of different constructions, one of which would render the provision void and the other of which would render the provision valid, then the provision shall have the meaning which renders it valid.

33.2. In the event that any of the provisions, or portions or applications thereof, of this Contract are held to be unenforceable or invalid by any court of competent jurisdiction, LAWA and Consultant shall endeavor to negotiate an equitable adjustment in the provisions of this Contract with a view toward effecting the purpose of this Contract, and the validity and enforceability of the remaining provisions, portions or applications thereof shall not be affected thereby.

33.3. This Contract, and every question arising hereunder, shall be construed, determined and enforced in accordance with the laws of the State of California. Venue shall be at the Southwest District of the Superior Court of the State of California for the County of Los Angeles.

33.4. The Section headings appearing herein shall not be deemed to govern, limit, modify or in any manner affect the scope, meaning or intent of the provisions of this Contract.

Section 34.0 Notices.

34.1. Notices to LAWA, and to the City Attorney of the City of Los Angeles shall, until Consultant's receipt of written notice otherwise from these parties, be addressed to said parties at:

**Los Angeles World Airports
The Development Group
7301 World Way West, 10th Floor
Los Angeles CA, 90045**

**Office of the City Attorney
1 World Way
P.O. Box 92216
Los Angeles, CA 90045**

34.2. Notices to Consultant shall, until LAWA's receipt of written notice otherwise, be addressed to Consultant at:

**RS&H California, Inc.
Attn: Joseph P. Jackson
5901 Century Blvd., Ste. 150
Los Angeles, CA 90045**

34.3. All such notices may either be delivered personally to LAWA or to the Office of the City Attorney, Airports Division, in the one case, or to Consultant in the other case, or may be deposited in the United States mail, properly addressed as aforesaid with postage fully prepaid for delivery by certified or registered mail, and shall be effective upon receipt.

34.4. The execution of any such notice(s) by LAWA shall be as effective as to Consultant as if it were executed by Board, or by Resolution or Order of said Board, and Consultant shall not question the authority of LAWA to execute any such notice(s).

Section 35.0 Vendor Discount.

Consultant agrees to offer LAWA any discount terms that are offered to its best customers for the goods and services to be provided herein, and apply such discount to payments made under this Contract which meet the discount term.

Section 36.0 Iran Contracting Act, 2010.

In accordance with California Public Contract Code Sections 2200-2208, contractors entering into or renewing contracts with City for goods or services estimated at one million dollars (\$1,000,000) or more are required to complete, sign and submit the Iran Contracting Act of 2010 Compliance Affidavit ("Affidavit"). A copy of Consultant's completed Affidavit is included within Attachment "1" Administrative Requirements. Consultant's compliance with the terms of the Iran Contracting Act of 2010 is made a requirement and condition of this Agreement.

Section 37.0 Entire Agreement.

It is expressly understood and agreed by the parties that this Contract, including the Exhibits and Attachments referenced and incorporated hereto, and all other materials referenced herein, constitute the entire agreement between the parties hereto and supersedes any and all prior written or oral agreements between them concerning the subject matter contained herein. There are no representations, agreements, or understandings, oral or written, between and among the parties relating to the subject matter contained in this Contract which are not fully set forth herein. This is an integrated agreement. Any amendment(s) or changes(s) to this Contract shall be in writing, and effective only when such amendment(s) or change(s) are executed by the parties hereto.

Section 38.0 Execution.

This Contract and any other document necessary for the consummation of the transaction contemplated by this Contract may be executed in counterparts, including counterparts that are manually executed and counterparts that are in the form of electronic records and are electronically executed. An electronic signature means a signature that is executed by symbol attached to or logically associate with a record and adopted by a party with the intent to sign such record, including facsimile or e-mail signatures. All executed counterparts shall constitute one Contract, and each counterpart shall be deemed an original. The parties hereby acknowledge and agree that electronic records and electronic signatures, as well as facsimile signatures, may be used in connection with the execution of this Contract and electronic signatures, facsimile signatures or signatures transmitted by electronic mail in so-called PDF format shall be legal and binding and shall have the same full force and effect as if a paper original of this Contract had been delivered that had been signed using a handwritten signature. All parties to this Contract (i) agree that an electronic signature, whether digital or encrypted, of a party to this Contract is intended to authenticate this writing and to have the same force and effect as a manual signature; (ii) intended to be bound by the signatures (whether original, faxed, or electronic) on any document sent or delivered by facsimile or electronic mail or other electronic means; (iii) are aware that the other party(ies) will rely on such signatures; and, (iv) hereby waive any defenses to the enforcement of the terms of this Contract based on the foregoing forms of signature. If this Contract has been executed by electronic signature, all parties executing this document are expressly consenting, under the United States Federal Electronic Signatures in Global and National Commerce Act of 2000 ("E-SIGN") and the California Uniform Electronic Transactions Act ("UETA") (California Civil Code §1633.1 et seq.), that a signature by fax, e-mail, or other electronic means shall constitute an Electronic Signature to an Electronic Record under both ESIGN and UETA with respect to this specific transaction.

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IN WITNESS WHEREOF, City has caused this Contract to be executed on its behalf by LAWA, and Consultant has caused the same to be executed by its duly authorized officers, and its corporate seal to be hereunto affixed, all as of the day and year first hereinabove written.

APPROVED AS TO FORM

Michael N. Feuer, City Attorney

CITY OF LOS ANGELES

Date: _____

By: _____

Chief Executive Officer
Los Angeles World Airports


By: Assistant/Deputy City Attorney

By: _____

Chief Financial Officer
Los Angeles World Airports

ATTEST:

RS&H CALIFORNIA, INC.

By:  _____
Secretary (Signature)

By:  _____
Signature

David J. Full
Print Name

Joseph P. Jackson
Print Name

[SEAL]

President
Print Title

ATTACHMENT 1:

Administrative Requirements (Proposal Part A)

Administrative Requirements

Administrative Requirements

Forms and explanatory documents for each of the following administrative requirements are identified below and are included in the respective sections of this package. Also included, as the final section, is a checklist to assist your proper completion of the required forms prior to bid/proposal submittal. This checklist should be used by Bidders/Proposer to prepare an Administrative Requirements Packet, which must include original, signed documents, and submitted with your bid/proposal. Please note that all documents must be signed by the duly authorized representative of the entity or sole proprietor. In the event of a **Joint Venture (JV)**, officers authorized by **each entity must sign and submit a separate set of the following documents:**

- Vendor Identification Form
- List of Other City of Los Angeles Contracts
- Affidavit of Non-Collusion
- Bidder Contributions CEC Form 55
- Contractor Responsibility Questionnaire and Pledge of Compliance
- Iran Contracting Compliance Affidavit
- Equal Benefits Ordinance Compliance Affidavit
- Municipal Lobbying Ordinance Bidder Certification CEC Form 50

This Packet should be bound separately from other parts of your bid/proposal and clearly labeled “Administrative Requirements Packet”. Additional copies of the Packet are not required to be submitted.

The following administrative requirements may reference the Los Angeles City Charter (LACC), Los Angeles Municipal Code (LAMC), or Los Angeles Administrative Code (LAAC).

For further information or assistance regarding all administrative requirements, contact:

Los Angeles World Airports
Procurement Services Division
P O Box 92216
Los Angeles, CA 90009-2216
Phone: (424) 646-5380
Fax: (424) 646-9262
E-mail: ProcurementRequirements@lawa.org
Internet: <https://www.lawa.org/en/lawa-businesses/lawa-administrative-requirements>

1. VENDOR IDENTIFICATION FORM

The Vendor ID form requires general information about a bidder/proposer's business as well as the Seller's Permit and the Business Tax Registration Certificate (BTRC) numbers, Payment Terms, Equal Employment Opportunity Officer contact information, and data on the firm's City of Los Angeles contracts (if applicable).

- **Seller's Permit Number**

The Seller's Permit Number is required if the vendor is engaged in business in California; intends to sell or lease tangible personal property that would ordinarily be subject to sales tax if sold at retail; will make sales for a temporary period, normally lasting no longer than 30 days at one or more locations. The enforcing agency for this requirement is the Board of Equalization, the Sales and Use Tax Department. Additional information regarding this requirement can be found at <http://www.cdtfa.ca.gov/services/permits-licenses.htm>.

- **Payment terms**

Payment terms represent LAWA's conditions under which the vendor will be reimbursed for his/her services or sold goods. Typically, these terms specify the period allowed to a buyer to pay off the amount due.

- **Business Tax Registration Certificate**

Pursuant to the LAMC, Chapter 2, Article 1, Section 21.03, persons engaged in any business or occupation within the City of Los Angeles are required to register and pay the required tax. Businesses, including vendors, subject to this tax are issued a Business Tax Registration Certificate (BTRC) or a Vendor Registration Number (VRN).

Information regarding this requirement may be obtained at Office of Finance, Tax & Permit Division, 200 N. Spring St., Room 101, Los Angeles, CA 90012, Phone: (844) 663-4411, Web: <http://finance.lacity.org>.

- **List of Other City of Los Angeles Contracts (during previous ten years)**

Bidders/Proposers must submit a list of all City of Los Angeles contracts held within the last ten (10) years.

For additional information regarding all LAWA administrative requirements, please contact Procurement Services at (424) 646-5380 or visit our website at <https://www.lawa.org/en/lawa-businesses/lawa-administrative-requirements>.

- **Out-of-state Vendors**

The State of California requires the City of Los Angeles (City) to withhold income taxes from payments to out-of-state vendors for services performed within California unless the vendor submits one of the required forms. The tax withholding rate is seven percent (7%) of payments subject to withholding.

If you are out-of-state vendor, please return one of the following forms to help the City clarify your nonresident tax withholding status:

- Form 590, Withholding Exemption Certificate, certifying exemption from the withholding requirement.
- Form 587, Nonresident Income Allocation Worksheet, which allocates the expected income under the City contract for work completed within and outside of California
- Notice from the CA Franchise Tax Board (CAFTB) that a withholding waiver was authorized (you must first file CA Form 588, Nonresident Withholding Waiver Request to the CAFTB)
- Notice from CAFTB that a reduced withholding request was authorized (you must first file CA Form 589 Nonresident Reduced Withholding Request to CAFTB)

2. AFFIDAVIT OF NON-COLLUSION

Pursuant to the LAAC, Division 10, Chapter 1, Article 2, Section 10.15, each bid/proposal must include the attached affidavit of the Bidder/Proposer that the bid/proposal is genuine, and not a sham or collusive, or made in the interest or on behalf of any person, and that the Bidder/Proposer has not directly or indirectly induced or solicited any other Bidder/Proposer to submit a sham bid, or any other person, firms, or corporation to refrain from bidding, and that the Bidder/Proposer has not sought by collusion to secure for himself/herself an advantage over any other Bidder/Proposer.

Bidders/Proposers must complete, notarize, and submit the attached "Affidavit to Accompany Proposals or Bids" with the bid/proposal.

Failure to include an Affidavit with the bid/proposal will render the bid/proposal non-responsive and will result in its rejection.

Attachment:

- Affidavit of Non-Collusion

3. BIDDER CONTRIBUTIONS CEC FORM 55 (CONTRACT BIDDER CAMPAIGN CONTRIBUTION AND FUNDRAISING RESTRICTIONS)

Persons who submit a response to this Request for Bid/Proposal/Qualifications are subject to Charter section 470(c)(12) and related ordinances. As a result, bidders/proposers/respondents may not make campaign contributions to and or engage in fundraising for certain elected City officials or candidates for elected City office from the time they submit the response until either the contract is approved or, for successful bidders/proposers/respondents, 12 months after the contract is signed. The bidder's/proposer's/respondents' principals and subcontractors performing \$100,000 or more in work on the contract, as well as the principals of those subcontractors, are also subject to the same limitations on campaign contributions and fundraising.

Bidders/Proposers/Respondents must submit CEC Form 55 (attached) to LAWA with their bid/proposal/Statement of Qualifications. The form requires bidders to identify their principals, their subcontractors performing \$100,000 or more in work on the contract, and the principals of those subcontractors. Bidders/Proposers/Respondents must also notify their principals and subcontractors in writing of the restrictions and include the notice in contracts with subcontractors. Responses submitted without a completed CEC Form 55 shall be deemed nonresponsive. Bidders/Proposers/Respondents who fail to comply with City law may be subject to penalties, termination of contract, and debarment.

Additional information regarding this requirement may be obtained at:

200 N. Spring Street
City Hall, 24th Floor
Los Angeles, California 90012
(213) 978-1960
(213) 978-1988 [Fax]
ethics.commission@lacity.org
Web: <http://ethics.lacity.org>

Attachments:

- Bidder Contributions CEC Form 55
- Los Angeles City Ethics Commission Special Bulletin, available at http://ethics.lacity.org/pdf/pressrelease/press_042511_New_Charter_Amend_Limits_Bidder_Bulletin.pdf

4. CONTRACTOR RESPONSIBILITY PROGRAM

Pursuant to Resolution No. 21601 adopted by the Board of Airport Commissioners, effective May 20, 2002, the Contractor Responsibility Program (CRP) is the policy of Los Angeles World Airports (LAWA) to ensure that all LAWA contractors have the necessary quality, fitness and capacity to perform the work set forth in the contract. LAWA shall award contracts only to entities and individuals it has determined to be Responsible Contractors. The provisions of this Program apply to leases and contracts for construction, for services, and for purchases of goods and products that require Board approval.

Bidders/Proposers are required to complete and submit with the bid/proposal the attached "Contractor Responsibility Program Questionnaire" that provides information LAWA needs in order to determine if the Bidder/Proposer is responsible and has the capability to perform the contract. The information contained in the CRP Questionnaire is subject to public review for a period of not less than 14 days. Bidders/Proposers are also required to complete, sign and submit with the bid/proposal the attached "Contractor Responsibility Program Pledge of Compliance." Bidders/Proposers are also required to respond within the specified time to LAWA's request for information and documentation needed to support a Contractor Responsibility determination. Subcontractors will be required to submit the Pledge to the prime contractor prior to commencing work.

For the list of Contractor Responsibility Program respondents, please visit our website www.lawa.org -> Contractor Responsibility Program -> Contractor Responsibility Program Questionnaire Respondents.

Attachments:

- Contractor Responsibility Program Questionnaire
- Contractor Responsibility Program Pledge of Compliance

5. IRAN CONTRACTING ACT OF 2010

Prior to bidding on, submitting a proposal or executing a contract or renewal for a City of Los Angeles contract for goods or services of \$1,000,000 or more, a vendor must either: a) certify it is not on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code section 2203(b) (found at: <http://www.documents.dgs.ca.gov/pd/poliproc/Iran%20Contracting%20Act%20List.pdf>) and is not a financial institution extending \$20,000,000 or more in credit to another person, for 45 days or more, if that person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or b) demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code section 2203(c) or (d).

Attachment:

- Iran Contracting Act of 2010 Compliance Affidavit

6. EQUAL BENEFITS ORDINANCE

Any contract awarded pursuant to this procurement process shall be subject to the applicable provisions of the Los Angeles Administrative Code Section 10.8.2.1, Equal Benefits Ordinance (EBO). The EBO requires City contractors who provide benefits to employees with spouses provide the same benefits to employees with domestic partners. Domestic partners are defined as two adults living together, jointly responsible for living expenses, committed to an intimate and caring relationship and registered as domestic partners with a governmental entity.

Bidder/Proposer/Lessees must submit the Equal Benefits Ordinance Compliance Affidavit (2 pages) with Bid/Proposal/Lease.

The Equal Benefits Ordinance Compliance Affidavit shall be valid for a period of twelve months. Bidders/Proposers/Lessees do not need to submit supporting documentation with their bids or proposals or leases. However, the City may request supporting documentation to verify that the benefits are provided equally as specified on the Equal Benefits Ordinance Compliance Affidavit.

Bidders/Proposers/Lessees seeking additional information regarding the requirements of the Equal Benefits Ordinance may visit the Bureau of Contract Administration's web site at <http://bca.lacity.org> or call Procurement Services at (424) 646-5380.

Attachment:

- EBO Compliance Affidavit

7. INSURANCE

Pursuant to LAAC, Division 11, Chapter 2, Article 2, Section 11.47 and the Risk Management Policy (Council File #79-3194-S1) adopted by Los Angeles City Council on March 1, 1991, the City of Los Angeles is to be protected to the maximum extent feasible, against loss or losses which would significantly affect personnel, property, finances, or the ability of the City to continue to fulfill its responsibilities to taxpayers and the public. Consequently, prior to the commencement of this contract, the selected Bidder/Proposer must provide evidence of insurance that conforms to the insurance requirements of the bid/proposal. Insurance requirements which specifically outline the types and amounts of coverage required for this project are explained in detail in the attached language and "Insurance Requirement Sheet".

Successful Bidder/Proposer must provide acceptable evidence of insurance as explained in the attachments prior to the commencement of the contract. Said acceptable evidence of insurance must remain current throughout the term of the contract and be on file with the Insurance Compliance Unit in order to receive payment under any contract with the City of Los Angeles.

Attachments:

- Insurance Requirement Sheet
- Insurance Language
- Frequently Asked Questions

Additional information is available at www.lawa.org -> Administrative Requirements -> Insurance.

8. MUNICIPAL LOBBYING ORDINANCE

The City's Municipal Lobbying Ordinance, Los Angeles Municipal Code, Section 48.09 requires certain individuals and entities to register with the City Ethics Commission and requires public disclosure of certain lobbying activities, including money received and spent. Additionally, for all construction contracts, public leases, or licenses of any value and duration; goods or service contracts with a value greater than \$25,000 and a term of at least three months, each bidder/proposer must submit with its bid a certification, on a form (CEC Form 50) proscribed by the City Ethics Commission, that the bidder acknowledges and agrees to comply with the disclosure requirements and prohibitions established in the Los Angeles Municipal Lobbying Ordinance, if the bidder qualifies as a lobbying entity.

Failure to submit the Bidder Certification CEC Form 50 with the bid/proposal will render the bid/proposal non-responsive.

Additional information regarding this requirement may be obtained at:

200 N. Spring Street
City Hall, 24th Floor
Los Angeles, California 90012
(213) 978-1960
(213) 978-1988 [Fax]
ethics.commission@lacity.org
Web: <http://ethics.lacity.org>

Attachments:

- Municipal Lobbying Ordinance, available at http://www.lawa.org/welcome_LAWA.aspx?id=586
- Bidder Certification CEC Form 50, available at http://www.lawa.org/welcome_LAWA.aspx?id=586

9. DISADVANTAGED BUSINESS ENTERPRISES PROGRAM

Pursuant to United States Code of Federal Regulations Title 49-Transportation, Subtitle A, Part 26 (49 CFR 26), Executive Directive No. 2001-26 of Mayor Richard Riordan and the Provisions of Resolution No. 19765 of the Board of Airport Commissioners, it is the policy of Los Angeles World Airports (LAWA) to provide Disadvantaged Business Enterprises (DBEs) an equal opportunity to participate in the performance on all LAWA contracts. The objective of this policy is to achieve the participation of DBEs at levels comparable to their availability to provide goods and services to Los Angeles World Airports, with the ultimate goal of developing their status and expertise so that they may compete for future contracts on an equal basis.

The anticipated level of participation for this project has been set at: 15% DBE

Failure to meet this DBE participation level will not by itself be the basis for disqualification or determination of noncompliance with this policy. However, it is incumbent on the Bidder/Proposer to submit appropriate documentation to demonstrate that a "good faith effort" was made to reach out to DBEs. **Failure to provide supporting documentation of a good faith effort within three (3) days of notification by the Department, as described in the attached, will render the bid/proposal non-responsive and will result in its rejection.**

Attachments:

- DBE Policy Statement
- Instructions Regarding Demonstration of DBE Good Faith Efforts
- Subcontractor Participation Plan

The following information is available at <https://www.lawa.org/lawa-businesses/lawa-administrative-requirements/disadvantaged-business-enterprise-program>:

- DBE Program
- Frequently Asked DBE Questions
- MBE/WBE/DBE Certification Application and Information

ADMINISTRATIVE REQUIREMENTS THAT DO NOT REQUIRE FORMS

The following administrative requirements are language only. They are included as **ATTACHMENT 1**. Submit any questions you may have regarding these ordinances to the LAWA Procurement Services Division at ProcurementServices@lawa.org or at (424) 646-5380.

- Affirmative Action
- Assignment of Anti-Trust Claims
- Child Support Obligations
- Living Wage Ordinance

Checklist

Administrative Requirements Checklist

BIDDERS/PROPOSERS (PRIME CONTRACTORS) MUST SUBMIT THE FOLLOWING ORIGINAL, SIGNED DOCUMENTS, WITH THEIR PROPOSAL, AS INDICATED

1. VENDOR IDENTIFICATION FORM

- ☒ Is the required Vendor Identification Form completed and signed?
- ☒ Is the BTRC/VRN number provided?
- ☒ Is the EEOO contact information provided?
- ☒ Is the list of previous City contracts attached? (If applicable)
- ☒ Is the Form enclosed in the Packet?

2. AFFIDAVIT OF NON-COLLUSION

- ☒ Is the "Affidavit to Accompany Proposals or Bids" completed and signed?
- ☒ Is the Affidavit notarized?
- ☒ Is the Affidavit enclosed in the Packet?

Failure to include an Affidavit with the bid/proposal will render the bid/proposal non-responsive and will result in its rejection.

3. BIDDER CONTRIBUTIONS

- ☒ Is the required Bidder Contribution CEC Form 55 completed and signed?
- ☒ Schedule A - Please list all principals on Schedule A.
- ☒ Schedule B - Please list all subcontractors and their principals on Schedule B (If you check "Yes")
- ☒ Is the Form enclosed in the Packet?

Failure to include the Bidder Contribution CEC Form 55 with the bid/proposal will render the bid/proposal non-responsive and will result in its rejection.

4. CONTRACTOR RESPONSIBILITY PROGRAM

- ☒ Is the required "Contractor Responsibility Program Questionnaire" completed and signed?
- ☒ Is the Questionnaire enclosed in the Packet?
- ☒ Is the required "Contractor Responsibility Program Pledge of Compliance" completed and signed?
- ☒ Is the Pledge of Compliance enclosed in the Packet?

5. IRAN CONTRACTING ACT OF 2010 COMPLIANCE AFFIDAVIT

- ☒ Have you read and checked one of the options?
- ☒ Is the Affidavit enclosed in the Packet?

6. EQUAL BENEFITS ORDINANCE

- ☒ Is the EBO Compliance Affidavit Form completed and signed?
- ☒ Is the Form enclosed in the Packet?

7. MUNICIPAL LOBBYING ORDINANCE

- ☒ Is the required Bidder Certification CEC Form 50 completed and signed?
- ☒ Is the Certification enclosed in the Packet?

8. DISADVANTAGED BUSINESS ENTERPRISE PROGRAM – Good Faith Effort Documentation (GFE) (Upon Notification by the Department)

- ☒ Is the “Subcontractor Participation Plan” completed and enclosed in the GFE Packet?
- ☐ Is the pre-bid meeting sign-in sheet enclosed in the GFE Packet?
- ☐ Is a copy of the advertisement for sub-bids and proof of publication enclosed in the GFE Packet?
- ☐ Are copies of the letters sent to MBEs, WBEs, DBEs and OBEs indicating work items to be performed enclosed in the GFE Packet?
- ☐ Are copies of the appropriate telephone logs enclosed in the GFE Packet?
- ☐ Are copies of the letters sent to recruitment organizations enclosed in the GFE Packet?
- ☐ Are all bids, quotes, or qualifications received for the project enclosed in the GFE Packet?
- ☐ Is a summary sheet listing bids received and the subcontractor selected for that work area enclosed in the GFE Packet?

Failure to provide supporting documentation of a good faith effort within three (3) days of notification by the Department, as described in the attached, will render the bid/proposal non-responsive and will result in its rejection.

THE FOLLOWING REQUIREMENTS DO NOT REQUIRE THE COMPLETION OF FORMS BUT MAY BE INCORPORATED AS PROVISIONS OF THE CONTRACT:

9. AFFIRMATIVE ACTION

- ☒ Have you read and agreed with the City of Los Angeles’ Non-discrimination, equal Employment and Affirmative Action provisions?

10. ASSIGNMENT OF ANTI-TRUST CLAIMS

- ☒ Have you read and agreed with California Government Code Sections 4550 – 4554?

11. CHILD SUPPORT OBLIGATIONS

- ☒ Have you read and agreed with Child Support Obligations provisions?

12. LIVING WAGE ORDINANCE

If you are claiming exemption from said Ordinance:

- ☐ Is the appropriate Exemption form completed and signed?
☐ Is the Exemption form enclosed in the Packet?

IF YOU ARE AWARDED THE CONTRACT AND PRIOR TO EXECUTION OF THE CONTRACT:

Prime contractors are required to submit to LAWA forms pertaining to the following requirements:

- Business Tax Registration Certificate
- Insurance

COURTESY REVIEW (OPTIONAL)

For this project, LAWA Procurement Services Division is offering a courtesy review of the following required administrative documents prior to your bid/proposal submission due date. You may submit any one or all of these documents for a “pro forma” review.

- City Ethics Commission (CEC) Bidder Contribution Form 50 – Bidder Certification
- City Ethics Commission (CEC) Bidder Contribution Form 55 – Prohibited Contributors
- Affidavit of Non-Collusion
(if not notarized at the time of courtesy review, it **MUST** be notarized in your final submission)

Please attach your completed forms (in PDF format) and send by email to: PSDAdminDocs@lawa.org no later than SEVEN (7) calendar days prior to the bid/proposal due date of your project. In the subject line, include: **BAVN ID No. and Project/Bid Title**. (Example: “Courtesy Review: BAVN 12345 – LAX Construction”). Do NOT include other required administrative forms that are not listed here.

Procurement Services will respond by email and may offer comments for further clarification or action needed, or find acceptable as reviewed. If the courtesy review documents are submitted after the seven days prior, Procurement staff may not guarantee review and response before the due date.

This courtesy review is to prompt your attention to these forms and does not preclude your organization from including the documents in your RFB/RFP submission. Proposer is fully responsible for the accuracy and completeness of the final documents, signatures, and timeliness of submission for all administrative requirements. Failure to comply in the final submission may deem your bid or proposal non-responsive.

For all other questions, inquiries, or correspondences not concerning these documents, please refer to the respective RFB/P for instructions on submitting questions.

Vendor Identification Form

VENDOR IDENTIFICATION FORM

ALL FIELDS MUST BE COMPLETED. INCOMPLETE FORMS WILL NEED TO BE RESUBMITTED.

GENERAL INFORMATION

Legal Name: RS&H California, Inc.		Doing Business As: Not Applicable																		
Are you an independent contractor eligible to receive a 1099-MISC? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> EIN or SSN: 26-2434974 (A TIN (SSN or EIN) and W-9 are required)		License or Registration Number (if applicable): Not Applicable Payment Terms (code): <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>0</td><td>0</td><td>1</td><td>2</td></tr></table> Seller's Permit Number (if applicable): Not Applicable		0	0	1	2													
0	0	1	2																	
Ownership: <input type="checkbox"/> Individual / Sole Proprietor <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Governmental Entity <input type="checkbox"/> Other (specify):	Applicable to Out-of-state Vendors: Submit per CA FTB Pub 1017, Resident/Nonresident Withholding Guidelines for information go to : www.ftb.ca.gov/ <input type="checkbox"/> Form-590 <input type="checkbox"/> Form-588 <input type="checkbox"/> Form-589 <input type="checkbox"/> Form-587 For Foreign Entities, for instructions go to: https://www.irs.gov/publications/p515	BTRC/Vendor Registration Number: <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>0</td><td>0</td><td>0</td><td>2</td><td>5</td><td>2</td><td>5</td><td>8</td><td>3</td><td>6</td><td>-</td><td>0</td><td>0</td><td>0</td><td>1</td><td>-</td><td>8</td></tr></table>		0	0	0	2	5	2	5	8	3	6	-	0	0	0	1	-	8
		0	0	0	2	5	2	5	8	3	6	-	0	0	0	1	-	8		
<input type="checkbox"/> BTRC/VRN application pending (please attach the application) For instructions please go to: https://latax.lacity.org/oofweb/eappreg/eappreg_criteria.cfm																				

BUSINESS ADDRESS

Street: 5901 W. Century Blvd.	Suite #: 1030	Contact Person: Joseph P. Jackson
City: Los Angeles	Contact Person's Title: President	
State: CA	Zip Code: 90045	Fax: 310-943-3320 Phone: 310-692-2040
Website: www.rsandh.com		Email: joe.jackson@rsandh.com
Remittance address (if required and different from the above): P.O. Box 4850, Jacksonville, FL 32201		

BUSINESS INFORMATION

Service Area: International <input type="checkbox"/> National <input type="checkbox"/> Regional <input checked="" type="checkbox"/> Local <input type="checkbox"/>	Years in Business: 13 Number of Employees: 20
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BUSINESS CERTIFICATION (Check all that apply)

<input type="checkbox"/> Woman-Owned Business Enterprise (WBE) <input type="checkbox"/> Minority Business Enterprise (MBE) <input type="checkbox"/> Small Business Enterprise (according to SBA criteria) <input type="checkbox"/> Minority Women Business Enterprise (MWB)	<input type="checkbox"/> Disadvantaged Business Enterprise (DBE) <input type="checkbox"/> Airport Concessions Disadvantaged Business Enterprise <input type="checkbox"/> Small and Local Business Enterprise (SLB) If required, please attach copies of all applicable certifications.
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NON-DISCRIMINATION, EQUAL EMPLOYMENT AND AFFIRMATIVE ACTION COMPLIANCE

EEO Officer (name): Jennifer E. Palhete	Phone Number: 904-256-2447
EEO Officer's Title: Vice President, Human Resources	Email: jennifer.palhete@rsandh.com

Have you had contracts with the City of Los Angeles in the last 10 years? No ☐ Yes ☒ If 'yes', please attach an additional sheet with Contract Number, Department, Description and Dollar Value.

CERTIFICATION

The undersigned declares and certifies that all statements on this form are true and correct. The undersigned agrees to notify Procurement Services Division immediately of any changes to the information contained herein. The undersigned has read and agreed with the administrative requirements set for this project, and provided as a check list in the bid/proposal package, and will comply with them for the duration of the contract if selected.

Authorized Signature:  Date: 12/20/2021
 Print Name: Joseph P. Jackson Title: President

For LAWA use only:

Project name: _____	Project No: _____
Requesting Division: _____	Contact Person: _____ Phone No: _____
SAP Action (send the form to FAMIS Support Desk): <input type="checkbox"/> Create <input type="checkbox"/> Change <input type="checkbox"/> Block <input type="checkbox"/> Delete <input type="checkbox"/> New Ordering Address	

For instructions and additional information, please go to <https://www.lawa.org/en/lawa-businesses/lawa-administrative-requirements>, or call us at 424-646-5380 or email Los Angeles World Airports, Procurement Services Division at procurementrequirements@lawa.org

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

► Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type.
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

RS&H California, Inc

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☒ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► _____
Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ► _____

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) **5**

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.

10748 Deerwood Park Blvd, South

Requester's name and address (optional)

6 City, state, and ZIP code

Jacksonville, FL 32256

7 List account number(s) here (optional)

REMIT TO ADDRESS: P.O. Box 4850; Jacksonville, FL 32201

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

____ - ____ - _____

or

Employer identification number

2 6 - 2 4 3 4 9 7 4

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign
Here

Signature of
U.S. person ►

Kristen Nelson

Date ►

1/5/2018

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

THIS CERTIFICATE MUST BE POSTED AT PLACE OF BUSINESS

CITY OF LOS ANGELES TAX REGISTRATION CERTIFICATE				
THIS CERTIFICATE IS GOOD UNTIL SUSPENDED OR CANCELLED				
ACTIVE TAX			ISSUED: 9/10/2017	
ACCOUNT NO.	FUND/CLASS	DESCRIPTION	STARTED	STATUS
0002528439-0001-1	L049	PROFESSIONS / OCCUPATIONS	8/1/2010	ACTIVE

RS & AMP; H CALIFORNIA INC
10748 DEERWOOD PARK BLVD
JACKSONVILLE FL 32256-4842

ISSUED TO

5901 W CENTURY BLVD SUITE #1030
LOS ANGELES, CA 90045

ISSUED FOR TAX COMPLIANCE PURPOSES ONLY
NOT A LICENSE, PERMIT, OR LAND USE AUTHORIZATION

ISSUED BY:
Clari Bartels
DIRECTOR OF FINANCE

"No registration certificate or permit issued under the provisions of the Business Tax ordinances of the LAMC, or the payment of any tax required under the provisions of the Business Tax ordinances of the LAMC shall be construed as authorizing the conduct or continuance of any illegal business or of a legal business in an illegal manner."

FORM 2006 (Rev. 11/15)

IMPORTANT - READ REVERSE SIDE

NOTIFY THE OFFICE OF FINANCE IN WRITING OF ANY CHANGE IN OWNERSHIP OR ADDRESS - Office of Finance, P.O. Box 53290, Los Angeles CA 90053-0290

Current and Prior City of Los Angeles Contracts

Contract Number	Name of City Department/Agency	Contact person name and phone number	Signing date	Completion date	Description	Total dollar amount
DA-4701	Los Angeles World Airports	Cynthia Guidry, PE 424-646-7690	3/12/2012	3/11/2015	On-Call Airside Planning Professional Services	\$ 3,580,650.65
DA-4981	Los Angeles World Airports	Robert Falcon, PE 424-646-5848	3/31/15	3/31/2018	Airport Planning Professional Services	\$ 2,277,763
DA-5173	Los Angeles World Airports	Mark J. Vicelja, PE 424-646-5871	4/3/17	Ongoing	Professional Engineering Design Services	\$ 10,710,551
DA-5318	Los Angeles World Airports	Robert Falcon, PE 424-646-5848	11/6/2018	Ongoing	Engineering Design Services at LAX and VNY	\$ 3,593,332

Affidavit of Non-Collusion

AFFIDAVIT TO ACCOMPANY PROPOSALS OR BIDS

STATE OF FLORIDA

COUNTY OF DUVAL)
) ss.:
)Joseph P. Jackson

(Type or print name)

being first duly sworn, deposes and says:

that he or she is the

President

of

RS&H California, Inc.

(Type or print title)

(Type or print name of company/firm)

, who submits herewith

to the Board of Airport Commissioners the attached bid/proposal; that he or she is the person whose name is signed to the attached bid/proposal; that said bid/proposal is genuine; that the same is not sham or collusive; that all statements of fact therein are true; and that such bid/proposal was not made in the interest or behalf of any person, partnership, company, association, organization, or corporation not herein named or disclosed.

Affiant further deposes and says: that the bidder/proposer has not directly or indirectly by agreement, communication or conference with anyone, attempted to induce action prejudicial to the interests of the public body which is to award the contract, or of any other bidder/proposer, or anyone else interested in the proposed contract; and that the bidder/proposer has not in any manner sought by collusion to secure for himself/herself/itself/themselves, an advantage over any other bidder/proposer.

Affiant further deposes and says that prior to the public opening and reading of bids/proposals, said bidder/proposer:

- (a) did not, directly or indirectly, induce or solicit anyone else to submit a false or sham bid/proposal;
- (b) did not, directly or indirectly, collude, conspire, connive or agree with any one else that said bidder/proposer or anyone else would submit a false or sham bid, or that anyone should refrain from bidding or withdraw their bid/proposal;
- (c) did not, in any manner, directly or indirectly, seek by agreement, communication or conference with anyone to raise or fix the bid price of said bidder/proposer or of anyone else, or to raise or fix any overhead, profit or cost element of their price or of that of anyone else;
- (d) did not, directly or indirectly, submit their bid/proposal price or any breakdown thereof, or the contents thereof, or divulge information or data relative thereto, to any corporation, partnership, company, association organization, bid depository, or to any member or agent, thereof, or to any individual or group of individuals, except to the awarding authority or to any person or person who have a partnership or other financial interest with said bidder/proposer in their business.

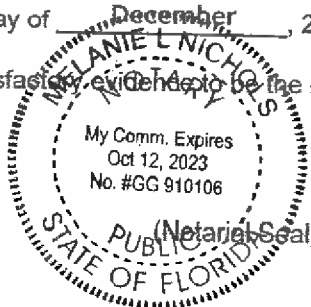
Signed:

Joseph P. JacksonName: Joseph P. JacksonTitle: President

Subscribed and sworn to (or affirmed) before me on this 20th day of December, 2021, by

Joseph P. Jackson, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Melanie R. Nichol
Notary Public



Bidder Contributions

ATTENTION:

The following CEC Form 55 **must** be signed on page 1 and you are required to list all principals on Schedule A. Please refer to the attached instructions.

If you fail to sign the form or if you submit an incomplete CEC Form 55, your proposal/bid may be deemed non-responsive.

Form 55 Instructions



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INTRODUCTION

Bidders who respond to certain City contract solicitations are limited by City law in their ability to spend money in connection with City elections. They are prohibited from making campaign contributions to and engaging in prohibited fundraising activity for City candidates and officeholders. They are also required to disclose their identities and the identities of their subcontractors and principals. Form 55 must be used for that purpose, and these instructions provide information about how to complete the form.

CONTACT INFORMATION

All questions about Form 55 and the laws regarding bidders and contractors should be directed to the Los Angeles City Ethics Commission:

ethics.commission@lacity.org

(213) 978-1960 phone
(213) 978-1988 fax
Whistleblower Hotline: (800) 824-4825

200 North Spring Street
City Hall 24th Floor, Suite 2410
Los Angeles CA 90012

ethics.lacity.org

BIDDER RESPONSIBILITIES

A bidder is any person who bids on or submits a proposal or other response to a City contract solicitation, whether it involves a competitive or a non-competitive selection process.

You are a bidder required to complete Form 55 when all of the following apply:

- You submit a response or proposal for an RFP (request for proposals), RFQ (request for qualifications), RFB (request for bids), or any other written or verbal request to enter into a competitive or non-competitive City contract; and
- The contract is expected to be valued at \$100,000 or more; and
- The contract must be approved by an elected office (City Council, Mayor, City Controller, or City Attorney).

For purposes of Form 55, a **contract** is any agreement, franchise, lease, non-regulatory permit, land use license or easement, or concession with the City that meets the qualifications listed above. This includes an agreement for the performance of any work, service, or construction; the provision of any materials, goods, or equipment; the sale or purchase of property; and the making of grants. This also includes the selection of a pre-qualified list of persons to contract with the City if the RFQ's not-to-exceed amount is at least \$100,000 and the list selection requires approval by an elected City office. The definition does *not* include a contract with another government agency or a contract between a City proprietary department and an underwriting firm for a noncompetitive sale of revenue bonds.

Form 55 is used to disclose information about the following individuals and entities:

- You (the bidder);
- Your principals;
- Your subcontractors with subcontracts valued at \$100,000 or more; and
- The principals of those subcontractors.

The campaign finance restrictions and requirements in Los Angeles City Charter § 470(c)(12) and Los Angeles Municipal Code § 49.7.35 apply to all of those individuals and entities. They are subject to the laws because of the positions they hold in relation to a City bid, not because they are disclosed on your Form 55. See section G for more information.

You are required to do all of the following:

1. **Submit** a completed Form 55 with your bid or proposal documents to the City department awarding the contract.
2. **Amend** your Form 55 within 10 business days if the information in the form changes after you submit it with your bid or proposal.
3. **Notify** your principals and subcontractors of the campaign finance restrictions and requirements that apply to them.

PAGE 1: COVER PAGE AND BIDDER INFORMATION

You must complete all sections on the cover page.

A. ORIGINAL OR AMENDED FILING

ORIGINAL FILING

Check this box if this is the first time you are submitting a Form 55 in connection with the City contract that you are currently seeking or have been awarded.

AMENDMENT

Check this box if you are making changes to a Form 55 that you previously submitted in connection with the same City contract that you are seeking or have been awarded. For an amended filing, you must provide the later of:

- The date that your original Form 55 submission was signed; or
- The date that your most recent amendment was signed.

Example 1: Your law firm submitted a Form 55 last month when responding to an RFP from the City Attorney's Office for legal services. Your law firm is now responding to an RFP with the Port of Los Angeles for a different contract to provide legal services. Check the "Original Filing" box on the Form 55 submitted to the Port, because this is the first time your firm is submitting Form 55 in connection with the contract with the Port.

Example 2: Your company submitted a Form 55 last week when responding to an RFP from the Department of Water and Power (DWP) for construction services. This week, your company moved its offices to a new location. Your company is required to update its contact information on the Form 55 submitted with its proposal. On a new Form 55, check the "Amendment" box, because your company is submitting an updated version of the Form 55 that was already submitted in connection with the construction services contract.

B. REFERENCE NUMBER

If applicable, provide the bid number, contract number, BAVN ID, or other identifying number or code assigned to the bid or contract that you seek. You can usually find this number on the City solicitation package (e.g., the RFP documents). However, not all solicitations have a reference number.

If there is no reference number for the bid or contract, enter "N/A" in this box.

C. DATE BID SUBMITTED

Enter the date that you submit your bid or response documents to the City department that will be awarding the contract.

D. CONTRACT DESCRIPTION

Provide the following information in this section:

- Title of the RFP, RFQ, or RFB, as listed on the City solicitation documents; and
- Description of the services to be provided under the contract.

A brief description of the contract is usually given in the RFP, RFQ, RFB, or solicitation documents. If you cannot find one, describe what will be performed under the contract.

E. AWARDING AUTHORITY

Provide the name of the City department that will be awarding the contract you seek.

F. BIDDER INFORMATION

Provide all of the following information:

- Bidder's full legal name;
- Bidder's business address;
- Bidder's phone number; and
- Bidder's email address.

The email address and telephone number provided in this section will be used to contact you if there are questions about the information provided in your Form 55.

Remember to amend your Form 55 to keep this information current.

G. SCHEDULE SUMMARY

ITEM 1: BIDDER'S PRINCIPALS

Indicate whether you have one or more principals. Check only one box ("Yes" or "No").

A **principal** is any of the following:

- Board chair;
- President;
- Chief executive officer;
- Chief operating officer;
- An individual who serves in the functional equivalent of any of the above positions;
- An individual who holds an ownership interest of 20% or more; or
- An employee authorized to represent you before the City regarding this contract.

Example 1: You are putting together a proposal for a City contract on behalf of your employer, ABC, Inc. The proposal must include a Form 55. Because ABC, Inc. is an entity, you must check the "Yes" box and disclose ABC, Inc.'s principals on attached Schedule A pages.

Example 2: You are an individual submitting a proposal for a City contract and must complete a Form 55. You have two employees who are authorized to represent you before the City on this proposal. You must check the "Yes" box and disclose yourself and those employees as your principals on attached Schedule A pages.

All bidders who are entities are required to complete Schedule A. Most bidders are entities, so most bidders must check the "Yes" box and attach Schedule A pages to the cover page.

Attach to the cover page as many Schedule A pages as necessary to identify all of your principals.

ITEM 2: SUBCONTRACTORS AND THEIR PRINCIPALS

Indicate whether you have one or more subcontractors with subcontracts valued at \$100,000 or more on the City contract you seek. Check only one box ("Yes" or "No").

Example 1: Your construction company is submitting a response to a City RFP to provide construction services on a development project and must submit a Form 55. For the proposed project, you expect to hire ABC Company as a subcontractor that will perform \$50,000 worth of work and XYZ Corporation as another subcontractor that will perform \$200,000 worth of work. Check the "Yes" box and attach Schedule B pages to disclose XYZ Corporation and its principals.

Example 2: Your architecture firm is submitting a response to a City RFP to provide landscape design services at a new park, and a Form 55 is required. For the proposed project, you expect to hire two subcontractors: More Sunshine, Inc., which will provide consulting services worth \$30,000; and Beautiful Parks Company, which will perform \$85,000 worth of the work. Check the "No" box, indicating that you do not have any subcontractors with subcontracts valued at \$100,000 or more.

Attach to the cover page as many Schedule B pages as necessary to identify all of your subcontractors and their principals.

ITEM 3: TOTAL NUMBER OF PAGES SUBMITTED

Enter the total number of Form 55 pages that you are submitting, including the cover page and all attached Schedule A and B pages.

H. CERTIFICATION

Form 55 must be signed by an authorized representative of the bidder. By signing this section, you are certifying under penalty of perjury all of the following:

- You understand and will comply with the requirements and restrictions in Los Angeles City Charter § 470(c)(12) and Los Angeles Municipal Code § 49.7.35;
- You have notified your principals and subcontractors of the requirements and restrictions; and
- The information you provided in the Form 55 and all attached pages is true and complete to the best of your knowledge and belief.

PAGE 2: SCHEDULE A – BIDDER'S PRINCIPALS

You must complete this section if you have principals. If you are an entity, this section is required. You must disclose the name, title, and business address for each of your principals. For a definition of "principal", see the instructions for Page 1, Section G.

If you need more space, mark the box indicating that you are attaching additional Schedule A pages. You may attach as many additional Schedule A pages as necessary to disclose all of your principals.

Remember to include all Schedule A pages in the total page count on your cover page and attach them to the cover page.

PAGE 3: SCHEDULE B – SUBCONTRACTORS AND THEIR PRINCIPALS

You must complete this section if you will have subcontractors with subcontracts worth \$100,000 or more. You must disclose the names and business addresses of those subcontractors and the names, titles, and business addresses of their principals. For a definition of "principal", see the instructions for Page 1, Section G.

You must submit at least one Schedule B page for each subcontractor. Provide the name and business address of the subcontractor, and then mark the appropriate box to indicate whether the subcontractor has principals.

If a subcontractor has more principals than will fit on one page—or if you have multiple subcontractors to disclose—mark the box indicating that you are attaching additional Schedule B pages. You may attach as many additional Schedule B pages as necessary to disclose all of your subcontractors with subcontracts worth \$100,000 or more and all of their principals.

Remember to include all Schedule B pages in the total page count on your cover page and attach them to the cover page.

Prohibited Contributors
(Bidders)

This form must be completed in its entirety and submitted with your bid or proposal to the City department that is awarding the contract. Failure to submit a completed form may affect your bid or proposal. If you have questions about this form, please contact the Ethics Commission at (213) 978-1960.

☒ **Original Filing** ☐ **Amendment:** Date of Signed Original _____ Date of Last Amendment _____

Reference Number (Bid, Contract, or BAVN): 201274 Date Bid Submitted: December 20, 2021

Contract Description (Title of the RFP or City contract solicitation and description of the services to be provided):
Design Services for VNY Airfield Improvement Program

Awarding Authority (Department awarding the contract): Los Angeles World Airports (LAWA)

Bidder Name: RS&H California, Inc.

Bidder Address: 5901 W. Century Boulevard, Suite 1030, Los Angeles, CA 90045

Bidder Email Address: joe.jackson@rsandh.com Bidder Phone Number: 310-692-2040

Schedule Summary

Please complete all three of the following:

1. **SCHEDULE A – Bidder's Principals** (check one)

The bidder has one or more **PRINCIPALS**, as defined in LAMC § 49.7.35(A)(6).
At least one principal is required for entities. (If you check "Yes", Schedule A is required.)

Yes



No

2. **SCHEDULE B – Subcontractors and Their Principals** (check one)

The bidder has one or more **SUBCONTRACTORS** on this bid or proposal with
subcontracts worth \$100,000 or more. (If you check "Yes", Schedule B is required.)

Yes



No



3. **TOTAL NUMBER OF PAGES SUBMITTED** (including this cover page): 7

Certification

I certify the following under penalty of perjury under the laws of the City of Los Angeles and the state of California:

A) I understand, will comply with, and have notified my principals and subcontractors of the requirements and restrictions in Los Angeles City Charter § 470(c)(12) and any related ordinances; B) I understand that I must amend this form within ten business days if any information changes; C) I am the bidder named above or I am authorized to represent the bidder named above, and my name appears below; and D) The information provided in this form is true and complete to the best of my knowledge and belief.

Joseph P. Jackson

Name
President

Title

Joseph P. Jackson

Signature
12/20/2021

Date

Prohibited Contributors (Bidders)

Schedule A - Bidder's Principals

Please identify the names and titles of all the bidder's principals (attach additional sheets if necessary). Principals include a bidder's board chair, president, chief executive officer, chief operating officer, and individuals who serve in the functional equivalent of one or more of those positions. Principals also include individuals who hold an ownership interest in the bidder of at least 20 percent and employees of the bidder who are authorized by the bid or proposal to represent the bidder before the City.

Name: Joseph P. Jackson Title: Director/President
Address: 5901 W. Century Blvd., Suite 1030, Los Angeles, CA 90045

Name: David J. Full Title: Vice President/ Corporate Secretary
Address: 369 Pine Street Suite 610, San Francisco CA 94104

Name: Christopher M. Greene Title: Vice President
Address: 4582 South Ulster Street, Suite 1100, Denver, CO 80237

Name: James W. Hullett, Jr. Title: Director/Vice President
Address: 10748 Deerwood Park Blvd. S., Jacksonville, FL 32256

Name: Michael Spitzer Title: Vice President
Address: 4582 South Ulster Street, Suite 1100, Denver, CO 80237

Name: E. Holt Graves Title: Assistant Treasurer/Assistant Corporate Secretary
Address: 10748 Deerwood Park Blvd. S., Jacksonville, FL 32256

Name: Evan H. Pfahler Title: Vice President/Treasurer
Address: 5901 W. Century Blvd, Suite 1030, Los Angeles, CA 90045

Name: John J. Bottaro Title: Assistant Corporate Secretary
Address: 10748 Deerwood Park Blvd. S., Jacksonville, FL 32256

Name: _____ Title: _____
Address: _____

☐ Check this box if additional Schedule A pages are attached.

Prohibited Contributors (Bidders)

Schedule B - Subcontractors and Their Principals

Please identify all subcontractors whose subcontracts are worth \$100,000 or more. Separate Schedule B pages are required for each subcontractor who meets the threshold.

Subcontractor's Name

Wagner Engineering & Survey, Inc.

Subcontractor's Address

17134 Devonshire Street, Suite 200, Northridge, CA 91325

Please check one of the following options:

This subcontractor has one or more principals. ☒ Yes* ☐ No

** Each principal's name and title must be identified below. Attach additional sheets if necessary. Principals include a subcontractor's board chair, president, chief executive officer, chief operating officer, and individuals who serve in the functional equivalent of one or more of those positions. Principals also include individuals who hold an ownership interest in the subcontractor of at least 20 percent and employees of the subcontractor who are authorized by the bid or proposal to represent the subcontractor before the City.*

Name: Stephanie Wagner, PE, PLS

Title: President

Address: 17134 Devonshire Street, Suite 200, Northridge, CA 91325

Name: _____

Title: _____

Address: _____

Name: _____

Title: _____

Address: _____

Name: _____

Title: _____

Address: _____

Name: _____

Title: _____

Address: _____

Name: _____

Title: _____

Address: _____

☐ Check this box if additional Schedule B pages are attached.

Prohibited Contributors (Bidders)

Schedule B - Subcontractors and Their Principals

Please identify all subcontractors whose subcontracts are worth \$100,000 or more. Separate Schedule B pages are required for each subcontractor who meets the threshold.

Subcontractor's Name

VCA Engineers, Inc.

Subcontractor's Address

1041 S. Garfield Ave., Suite 210, Alhambra, CA 91801

Please check one of the following options:

This subcontractor has one or more principals. ☐ Yes* ☒ No

** Each principal's name and title must be identified below. Attach additional sheets if necessary. Principals include a subcontractor's board chair, president, chief executive officer, chief operating officer, and individuals who serve in the functional equivalent of one or more of those positions. Principals also include individuals who hold an ownership interest in the subcontractor of at least 20 percent and employees of the subcontractor who are authorized by the bid or proposal to represent the subcontractor before the City.*

Name: Virgil C. Aoanan, PE, SE, QSD Title: Principal

Address: 1041 S. Garfield Ave., Suite 210, Alhambra, CA 91801

Name: Title:

Address:

Name: Title:

Address:

Name: Title:

Address:

Name: Title:

Address:

Name: Title:

Address:

☐ Check this box if additional Schedule B pages are attached.

Prohibited Contributors (Bidders)

Schedule B - Subcontractors and Their Principals

Please identify all subcontractors whose subcontracts are worth \$100,000 or more. Separate Schedule B pages are required for each subcontractor who meets the threshold.

Subcontractor's Name

Lean Technology Corporation

Subcontractor's Address

20 Executive Park, Suite 155, Irvine, CA 92614

Please check one of the following options:

This subcontractor has one or more principals. ☒ Yes* ☐ No

** Each principal's name and title must be identified below. Attach additional sheets if necessary. Principals include a subcontractor's board chair, president, chief executive officer, chief operating officer, and individuals who serve in the functional equivalent of one or more of those positions. Principals also include individuals who hold an ownership interest in the subcontractor of at least 20 percent and employees of the subcontractor who are authorized by the bid or proposal to represent the subcontractor before the City.*

Name: Carol Lean Title: President

Address: 20 Executive Park, Suite 155, Irvine, CA 92614

Name: Doron Lean Title: Chief Executive Officer

Address: 20 Executive Park, Suite 155, Irvine, CA 92614

Name: _____ Title: _____

Address: _____

Name: _____ Title: _____

Address: _____

Name: _____ Title: _____

Address: _____

Name: _____ Title: _____

Address: _____

☐ Check this box if additional Schedule B pages are attached.

Prohibited Contributors (Bidders)

Schedule B - Subcontractors and Their Principals

Please identify all subcontractors whose subcontracts are worth \$100,000 or more. Separate Schedule B pages are required for each subcontractor who meets the threshold.

Subcontractor's Name

M Lee Corporation

Subcontractor's Address

601 Montgomery St, Ste 2040, San Francisco, CA 94111

Please check one of the following options:

This subcontractor has one or more principals. ☒ Yes* ☐ No

** Each principal's name and title must be identified below. Attach additional sheets if necessary. Principals include a subcontractor's board chair, president, chief executive officer, chief operating officer, and individuals who serve in the functional equivalent of one or more of those positions. Principals also include individuals who hold an ownership interest in the subcontractor of at least 20 percent and employees of the subcontractor who are authorized by the bid or proposal to represent the subcontractor before the City.*

Name: Franklin Lee Title: President/COO
Address: 601 Montgomery St, Ste 2040, San Francisco, CA 94111

Name: Martin Lee Title: Board Chair/CEO
Address: 601 Montgomery St, Ste 2040, San Francisco, CA 94111

Name: _____ Title: _____
Address: _____

Name: _____ Title: _____
Address: _____

Name: _____ Title: _____
Address: _____

Name: _____ Title: _____
Address: _____

☐ Check this box if additional Schedule B pages are attached.

Prohibited Contributors (Bidders)

Schedule B - Subcontractors and Their Principals

Please identify all subcontractors whose subcontracts are worth \$100,000 or more. Separate Schedule B pages are required for each subcontractor who meets the threshold.

Subcontractor's Name

Diaz Consultants, Inc. dba Diaz Yourman & Associates

Subcontractor's Address

1616 E. 17th Street, Santa Ana, CA 92705

Please check one of the following options:

This subcontractor has one or more principals. ☒ Yes* ☐ No

** Each principal's name and title must be identified below. Attach additional sheets if necessary. Principals include a subcontractor's board chair, president, chief executive officer, chief operating officer, and individuals who serve in the functional equivalent of one or more of those positions. Principals also include individuals who hold an ownership interest in the subcontractor of at least 20 percent and employees of the subcontractor who are authorized by the bid or proposal to represent the subcontractor before the City.*

Name: Christopher M. Diaz, PE, GE

Title: President

Address: 1616 E. 17th Street, Santa Ana, CA 92705

Name: Clint I. Isa, PE

Title: Principal

Address: 1616 E. 17th Street, Santa Ana, CA 92705

Name: S. Niranjanan, PE, GE

Title: Principal

Address: 1616 E. 17th Street, Santa Ana, CA 92705

Name: Saroj Weeraratne, PE, GE

Title: Principal

Address: 1616 E. 17th Street, Santa Ana, CA 92705

Name:

Title:

Address:

Name:

Title:

Address:

☐ Check this box if additional Schedule B pages are attached.

Contractor Responsibility Program

**LOS ANGELES WORLD AIRPORTS
CONTRACTOR RESPONSIBILITY PROGRAM
QUESTIONNAIRE**

On December 4, 2001, the Board of Airport Commissioners adopted Resolution No. 21601, establishing LAWA's Contractor Responsibility Program (CRP). The intent of the program is to ensure that all LAWA contractors have the necessary quality, fitness and capacity to perform the work set forth in the contract. To assist LAWA in making this determination, each bidder/proposer is required to complete and submit with the bid/proposal the attached CRP Questionnaire. If a non-competitive process is used to procure the contract, the proposed contractor is required to complete and submit the CRP Questionnaire to LAWA prior to execution of the contract. Submitted CRP questionnaires will become public records and information contained therein will be available for public review for at least fourteen (14) calendar days, except to the extent that such information is exempt from disclosure pursuant to applicable law.

The signatory of this questionnaire guarantees the truth and accuracy of all statements and answers to the questions herein. Failure to complete and submit this questionnaire may make the bid/proposal non-responsive and result in non-award of the proposed contract. During the review period if the bidder/proposer or contractor (collectively referred to hereafter as "bidder/proposer") is found non-responsible, he/she is entitled to an Administrative Hearing if a written request is submitted to LAWA within ten (10) working days from the date LAWA issued the non-responsibility notice. Final determination of non-responsibility will result in disqualification of the bid/proposal or forfeiture of the proposed contract.

All Questionnaire responses must be typewritten or printed in ink. Where an explanation is required or where additional space is needed to explain an answer, use the CRP Questionnaire Attachment A. Submit the completed and signed Questionnaire and all attachments to LAWA. Retain a copy of this completed questionnaire for future reference. Contractors shall submit updated information to LAWA within thirty (30) days if changes have occurred that would make any of the responses inaccurate in any way.

A. PROJECT TITLE: Airfield Improvement Program, Van Nuys Airport

B. BIDDER/CONTRACTOR INFORMATION:

<u>RS&H California, Inc.</u>			
Legal Name	DBA		
<u>5901 W. Century Boulevard, Suite 1030</u>	<u>Los Angeles</u>	<u>CA</u>	<u>90045</u>
Street Address	City	State	Zip
<u>Joseph P. Jackson – President</u>	<u>310-692-2040</u>	<u>310-943-3320</u>	
Contact Person, Title	Phone	Fax	

C. TYPE OF SUBMISSION: The CRP Questionnaire being submitted is:

- ☐ An initial submission of a CRP Questionnaire. **Please complete all questions and sign Attachment A.**
- ☒ An update of a prior CRP Questionnaire dated 12 / 20 / 2021. **Please complete all questions and sign Attachment A.**
- ☐ A copy of the initial CRP Questionnaire dated ____/____/____/. **Please sign below and return this page.**

I certify under penalty of perjury under the laws of the State of California that there has been no change to any of the responses since the firm submitted the last CRP Questionnaire.

<u>Joseph P. Jackson – President</u>	<u>Joseph P. Jackson</u>	<u>12/20/2021</u>
Print Name, Title	Signature	Date

A. OWNERSHIP AND NAME CHANGES

- 1a. In the past five (5) years, has the name of the bidder/proposer (also referred to herein as "your firm") changed?

☐ Yes ☒ No

If **Yes**, list on Attachment A all prior legal and D.B.A. names used by the bidder/proposer, the addresses of each of the identified entities, and the dates when each identified entity used those names. Additionally, please explain in detail the specific reason(s) for each name change.

- 1b. In the past five (5) years, has the owner of your firm (if your firm is a sole proprietorship) or any partner of your firm (if your firm is a partnership), or any officer of your firm (if your firm is a corporation) engaged in the same or similar type of business as the current firm?

☐ Yes ☒ No

If **Yes**, list on Attachment A the names of those firms.

B. FINANCIAL RESOURCES AND RESPONSIBILITY

2. In the past five (5) years, has your firm ever been the debtor in a bankruptcy proceeding?

☐ Yes ☒ No

If **Yes**, explain on Attachment A the specific circumstances and dates surrounding each instance.

3. Is your company now in the process of, or in negotiations toward, or in preparations for being sold?

☐ Yes ☒ No

If **Yes**, explain on Attachment A the specific circumstances, including to whom being sold and principal contact information.

4. In the past five (5) years, has your firm's financial position significantly changed?

☐ Yes ☒ No

If **Yes**, explain the specific circumstances on Attachment A.

5. In the past five (5) years, has your firm ever been denied bonding?

☐ Yes ☒ No

If **Yes**, explain on Attachment A the specific circumstances surrounding each instance and include the name of the bonding company.

6. In the past five (5) years, has any bonding company made any payments to satisfy any claims made against a bond issued on your firm's behalf or a firm where you were the principal?

☐ Yes ☒ No

If **Yes**, explain on Attachment A the specific circumstances surrounding each instance.

PERFORMANCE HISTORY

7. In the past five (5) years, has your firm or the owner of your firm (if your firm is a sole proprietorship) or any partner of your firm (if your firm is a partnership), or any officer of your firm (if your firm is a corporation) defaulted under a contract with a governmental entity or with a private individual or entity?

☐ Yes ☒ No

If **Yes**, explain on Attachment A the specific circumstances surrounding each instance.

8. In the past five (5) years, has a governmental or private entity or individual terminated your firm's contract prior to completion of the contract?

☒ Yes ☐ No

If **Yes**, explain on Attachment A the specific circumstances surrounding each instance, and principal contact information.

9. In the past five (5) years, has your firm ever failed to meet any scheduled deliverables or milestones?

☐ Yes ☒ No

If **Yes**, explain on Attachment A the circumstances surrounding each instance, and principal contact information.

10. In the past ten (10) years, has the bidder/proposer had any contracts with any private or governmental entity to perform work which is similar, in any way, to the work to be performed on the contract for which you are bidding or proposing?

☒ Yes ☐ No

If **Yes**, list on a separate attachment, for each contract listed in response to this question: (a) contract number and dates; (b) awarding authority; (c) contact name and phone number; (d) description and success of performance; and (e) total dollar amount. Include audit information if available.

COMPLIANCE

11. In the past five (5) years, has your firm or any of its owners, partners, or officers, been penalized for or been found to have violated any federal, state, or local laws in the performance of a contract, including but not limited to laws regarding health and safety, labor and employment, wage and hours, and licensing laws which affect employees?

☐ Yes ☒ No

If **Yes**, explain on Attachment A the specific circumstances surrounding each instance, including the entity involved, the specific infraction(s), the dates of such instances, and the outcome and current status.

12. In the past five (5) years, has your firm ever been debarred or determined to be a non-responsible bidder contractor?

☐ Yes ☒ No

If **Yes**, explain on Attachment A the specific circumstances surrounding each instance, including the entity involved, the specific infraction(s), the dates of such instances, and the current status.

BUSINESS INTEGRITY

13. In the past five (5) years, has your firm been convicted of, or found liable in a civil suit for making a false claim(s) or material misrepresentation(s) to any private or governmental entity?

☐ Yes ☒ No

If **Yes**, explain on Attachment A the specific circumstances surrounding each instance, including the entity involved, the specific infraction(s), the dates of such instances, and the outcome and current status.

14. In the past five (5) years, has your firm or any of its executives, management personnel, and owners been convicted of a crime, including misdemeanors, or been found liable in a civil suit involving the bidding, awarding, or performance of a government contract; or the crime of theft, fraud, embezzlement, perjury, or bribery?

☐ Yes ☒ No

If **Yes**, explain on Attachment A the specific circumstances surrounding each instance, including the entity involved, the specific infraction(s), the dates of such instances, and current status.

ATTACHMENT "A"
FOR ANSWERS TO QUESTIONS IN SECTIONS A THROUGH E

Use the space below to provide required additional information or explanation(s). Information submitted on this sheet must be typewritten. Indicate the question for which you are submitting the additional information. Information submitted on this Attachment will be available for public review, except to the extent that such information is exempt from disclosure pursuant to applicable law. **Insert additional Attachment A pages as necessary.**

Question 8: No contracts have been terminated due to RS&H's default, but RS&H has had contracts canceled over the years for lack of funding, changing economic conditions, and other reasons satisfactory to the Client. RS&H does not keep a record of such canceled contracts.

Question 10: Please see attached sheets.

CERTIFICATION UNDER PENALTY OF PERJURY

I certify under penalty of perjury under the laws of the State of California that I have read and understand the questions contained in this CRP Questionnaire. I further certify that I am responsible for the completeness and accuracy of the answers to each question, and that all information provided in response to this Questionnaire is true to the best of my knowledge and belief.

Joseph P. Jackson – President

Print Name, Title

Joseph P. Jackson

Signature

12/20/2021

Date

(a) Contract Numbers and Dates			(b) Awarding Authority	(c) Contact Name and Phone Number		(d) Description & Success of Performance	(e) Total Dollar Amount
Project No. (RS&I Project No.)	Project Name	Dates		Client Contact Name	Client Contact Phone		
2262450007	Ontario Runway 8L-26R Safety Area Improvements	7/31/2012	City of Los Angeles	Diego Alvarez	424-646-5179	Ontario Runway 8L-26R Safety Area Improv	\$ 100,583
2240959006	Boise GA Apron Rehab	8/24/2012	City of Boise / Aviation Department	Matt Petaja	208 972 8392	North General Aviation Apron Rehab	\$ 115,074
2259586011	Salt Lake Apron Reconstruct East Sp	9/18/2012	Salt Lake City Department of Airports	Michael Widdison	801 575-2027	Salt Lake Apron Reconst E.Spots 3&4 Design Only	\$ 203,935
2018389001	Ft Myers-RW 6R-24L Cross Field Txy	9/30/2012	AECOM, Inc.	Joseph Glowacki	239-561-0007	Design and Bidding Services for the Midfield Terminal Apron Expansion and associated taxiways	\$ 2,474,150
2013324071	Brunswick-SSI RW22 Clear Area CA & RPR	10/2/2012	Glynn County Airport Commission		(912) 265-2070	Runway 4-22 is a non-precision B-II runway which serves as the primary runway	\$ 25,432
2013324046	Brunswick-SSI Skylane Security CA & RPR	10/4/2012	Glynn County Airport Commission		(912) 265-2070	Construction of a low usage perimeter security road and fencing improvements along the Skylane Road at McKinnon St. Simons Island Airport for the purposes of maintaining airport perimeter security, monitoring perimeter fencing, and for provision of fuel truck service to mid-field hangar areas	\$ 30,331
2013324038	Brunswick SSI Skylane Security Impr	12/5/2012	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Perimeter fencing and gate replacement, and a perimeter access route to provide for patrolling of perimeter fencing	\$ 22,765
2013324043	Brunswick-SSI RW 22 Clear Area Impr	12/5/2012	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Clear area grading improvements, obstruction removal, and the relocation of a perimeter fence to provide the full mandated runway clear area width	\$ 26,428
2013324062	Brunswick-BQK West GA P1 CA Svc	1/22/2013	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Provided Construction Administration (CA) Phase I GA infrastructure development	\$ 38,338
2013324063	Brunswick-BQK West GA P1 RPR Svc	1/22/2013	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Provided Resident Project Representative (RPR) Phase I GA infrastructure development	\$ 79,038
2249719003	Denver Runway 17R - 35L Rehab	2/8/2013	Denver International Airport	Keith Johnson	303-342-2736	Provided engineering design and construction phase services for the Runway 17R-35L Complex Pavement Rehabilitation at DEN	\$ 1,450,000
2068358000	Ft. Lauderdale - Airfield Mods	2/27/2013	Broward County Aviation Department	Marc Gambrill	954 359 2343	Prepared project plans for the construction of multiple high-speed exit and connecting taxiways	\$ 5,018,577
2262450009	Ontario Runway 8L-26R RSA CatEx	2/28/2013	City of Los Angeles	Diego Alvarez	424-646-5179	Prepared CatEx for RSA improvements	\$ 15,116
2032730000	RDU Terminal 1 Apron Reconstruction	3/1/2013	Raleigh-Durham Airport Authority	Ron Jewett	(919) 840-7736	Raleigh Terminal 1 Apron rehab Design/Bidding	\$ 668,228
2060821018	North Perry T/W N Rehab - QC Plan Review	3/31/2013	Broward County Aviation Department	Carlos Hernandez	(954) 359-2255	QC review of a Plan Set prepared by EAC Consulting, Inc. of a group one GA taxiway at North Perry Airport	\$ 4,670
2240903006	Colorado Springs - TW M & F - CA/RPR	4/30/2013	City of Colorado Springs	Sam Schneider	719-550-1907	Colorado Springs Taxiway M & F Reconstruction CA/RPR	\$ 531,898
2262450013	LAWA - Aircraft Performance Analysis	4/30/2013	City of Los Angeles	Diego Alvarez	424-646-5179	Conducted an aircraft performance analysis to determine the reduction in take-off weight imposed by shifting the start of take-off roll for Runway 25R from its existing position	\$ 26,992
2132006002	Hillsdale Land Acquisition	5/10/2013	City of Hillsdale	Linda Brown	517-437-6445	Land acquisition services for extended runway	\$ 542,529
2019678005	Savannah FIS Concept Study	5/30/2013	Savannah Airport Commission	George A. Fidler	912-964-0514 ext. 3378	Completed the design of a new, stand-alone 18,367 square foot GA/FIS facility located adjacent to the existing air traffic control tower	\$ 5,790
2261077000	Columbia Regional Airport EA	6/30/2013	City of Columbia, MO	Donald Elliott	573-817-5062	Prepared EA for runway extensions and runway safety areas at Columbia Regional Airport	\$ 397,400
2013324061	Brunswick-BQK Rwy & Txy Rehab-Design	7/12/2013	Glynn County Airport Commission		(912) 265-2070	Rehabilitation program included runway, taxiway, and connector taxiway pavement areas	\$ 619,984
2180818014	Toledo Express - West BAK CA-RPR	7/24/2013	Toledo Lucas County Port Authority	Paul L. Toth	419-865-2351	Replaced an existing BAK12/14 Aircraft arresting system with a new BAK 12/14 system	\$ 72,500
2013324044	Brunswick-SSI Skylane TW Phase 2	7/29/2013	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Prepared design and bidding documents for Phase 2 of the Skylane Hangar Development area	\$ 93,215
2013055004	Brunswick-BQK Hold Postion Markings	7/30/2013	Glynn County Airport Commission		(912) 265-2070	The installation of painted hold position identifiers at six locations throughout the airfield	\$ 3,000
2242985000	Southwest-DIA-Gate A48-A53 Relocation	7/31/2013	Southwest Airlines Co.	Somer Shindler	214-792-3873	Relocation of SWA to gates A48, A50 to A51, A53 and associated renovation of operations space at apron level	\$ 13,300
3012759003	MacDill AFB Maintain Airfield Pavements	7/31/2013	R. M. Williams Construction, Inc.	Mackey Williams	(813) 251-8051	Performed design and construction phase services for maintenance repairs to airfield pavements, including signage and lighting improvements	\$ 59,548
2135833005	Monroe Custer AP-Layout Plan Update	8/2/2013	City of Monroe, Michigan	Patrick Lewis	734-384-9126	Update the Airport Layout Plan, Long term planning for runway relocation and approach procedure upgrade	\$ 75,100
2242344000	Denver Conc B - Gate Exp	8/5/2013	Denver International Airport	Frank Palumbo	303-342-2639	Addition of two tube gates, one relocated gate, airfield paving for aircraft parking with fuel pits, and extension of an airfield taxiway south side Conc B	\$ 593,642
2262674000	Burbank Hydrodynamic Separators	8/6/2013	Burbank-Glendale-Pasadena Airport Authority	Karen Sepulveda	818-729-3508	Provided the engineering design and construction administration efforts associated with the hydrodynamic separator devices	\$ 25,811
2012816000	DBIA Cutover T/W CA RPR	8/17/2013	Volusia County	Karen K. Feaster	386-248-8030	RPR for construction of new taxiway Y and new connector Taxiways E2 and W2	\$ 299,689
2240959019	Boise RW 10L-28R RSA Survey for Design	8/31/2013	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Runway 10L-28R Safety Survey	\$ 41,249
2013363106	GNV Terminal Conceptual Development Plan (2012)	9/30/2013	Gainesville-Alachua County Regional Airport Authority	Allan J. Penksa	(352) 373-0249 x11	Analyzed specific areas of the passenger terminal that are experiencing constraints in space that impact airport operations and passenger service	\$ 112,196
2259586017	Salt Lake TW E&F Joint Seals-PH1	10/1/2013	Salt Lake City Department of Airports	Michael Widdison	801 575-2027	Salt Lake City International Airport Taxiway E & F Joint Repair and PCC panel replacement	\$ 41,664
2240959024	Boise RW 10L-28R RSA Addtl Design Services	10/10/2013	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Runway 10L-28R Design Services	\$ 15,294
2240959007	Boise GA Taxiways Rehab	10/28/2013	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Provided all of the Design and CA; Construction will be some reconstruction and some mill and fill of asphalt pavements	\$ 238,698
2240959020	Boise IDOT Hangar Apron	10/28/2013	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Boise IDOT Hangar Apron	\$ 9,802
2240959023	Boise Taxilane A5-A7 Addtl CA/RPR	10/28/2013	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Taxilane A5-A7 CA and RPR Services	\$ 32,713
2101510050	Bishop Term Apron Rehab	10/31/2013	Bishop International Airport	John Barsalou	810-235-6560	Project consisted of the rehabilitation of a 90,000 square yard Portland Cement Concrete apron, including panel replacement, trench drain replacement, drainage structure repairs.	\$ 245,408
2122608000	Bentonville Airfield Pavement Joint Rehab	11/1/2013	Northwest Arkansas Regional Airport Authority	Barbara E. Busiek	(479) 205-1435	Provided design services and CA for an interim fix to address issues associated with airfield apron pavements affected by Alkali Silica Reaction (ASR)	\$ 57,869
2262440001	SJO East Holdroom Expansion	11/1/2013	AERIS Holding Costa Rica S.A.	Eduardo Chamberlain	(506) 437-2400	This project involved preparation of a detailed schedule and budget for each element of the East Hold Room Area Program, assisting with managing and coordinating appropriate design consultants required to effectively and efficiently complete required project efforts, providing project status reports, performing a technical review, providing representation and support to aide in advancing the elements of the project, and assisting AERIS with providing the appropriate schedule coordination with airlines, concessionaires, government and oversight agencies, the public, and other coordination	\$ 166,000
2240959022	Boise Gate 8 K-Loader Apron Rehab	11/15/2013	City of Boise / Aviation Department	Jill Singer	208-383-3110	Simple concrete pad for a K-loader for Fedex Cargo operations; The asphalt failed and was replaced with concrete	\$ 13,269
2259586025	Salt Lake Taxiway K & Apron PCN	11/18/2013	Salt Lake City Department of Airports	Michael Widdison	801 575-2027	Provided design and construction phase services for the Taxiway K Pavement Rehabilitation project	\$ 60,639

(a) Contract Numbers and Dates			(b) Awarding Authority	(c) Contact Name and Phone Number		(d) Description & Success of Performance	(e) Total Dollar Amount
Project No. (RS&I Project No.)	Project Name	Dates		Client Contact Name	Client Contact Phone		
2242267002	Southwest Oregon Regional Airport Strategic Environ	11/22/2013	Coos County Airport District	Theresa M. Cook	(541) 756-8531	Project stopped due to FAA decision that runway extension is not warranted at this time and they would not support	\$ 10,000
2060821012	FLL T/W C West Recon	11/29/2013	Broward County Aviation Department	Gasser Dougé	954-359-6973	Reconstruction of Taxiway C West and associated south apron from T/W D to T/W B west	\$ 380,000
2122789004	Houston Bush Bridge Assessment Phase I	11/30/2013	City of Houston - Houston Airport System (HAS)	Lorna Clark	281-233-1967	Preliminary Engineering Report (PER) assessing 20 of the 41 existing taxiway and roadway bridges (1 through 7)	\$ 41,900
2141144009	Hibbing Rwy 13-31, Rwy 4-22 and Tw C Crack Seal	11/30/2013	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Provided Design, Bidding, and Limited CA services for the Crack Seal of Runway 4-22 and 13-31	\$ 20,000
2242986000	Hailey Idaho MOS SRM Facilitation	12/11/2013	T-O Engineers, Inc.	David Mitchell	208 323 2288	Safety Risk Management Panel facilitation for six Modifications of Standards that became necessary when the Airport undertook a series of projects to create a Runway Safety Area	\$ 33,610
2181047007	LCK Rwy 5R-23L Phase 3 CA/RPR	12/13/2013	Columbus Regional Airport Authority	Paul Ryan	614.409.3644	Runway 5R-23L Pavement and Lighting Rehabilitation	\$ 284,894
2042187032	Tampa GA RW and TW Rehab	12/19/2013	Hillsborough County Aviation Authority	Scott Nesbitt	813-870-7832	Project consisted of crack routing and sealing on taxiways and runway, mill and overlay of a taxiway intersection, minor geometry and lighting modifications	\$ 70,070
2242676000	Pocatello Runway 17-35 Rehab CA	12/27/2013	T-O Engineers, Inc.	Nathan Cuvala	208-323-2288	Performed CA services for the electrical and NAVAID related items for the rehabilitation of Runway 17-35	\$ 17,968
2042187049	Tampa - Focused EA	12/30/2013	Hillsborough County Aviation Authority	Jeffrey Siddle	813-870-7810	Project is a Focused Environmental Assessment (EA)	\$ 113,326
2013324073	Brunswick-BQK North Aviation Program	12/31/2013	Glynn County Airport Commission		(912) 265-2070	Provided construction activities necessary to recover the lateral Obstacle Free Zone on the RWY 22 approach to meet FAA Standards	\$ 14,450
2221115006	Manassas Runway 34R Extension - SA3	12/31/2013	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Manassas Runway 34R Extension Supplemental Agreement - Bidding Services	\$ 20,790
2259586024	Salt Lake Runway 34R Joint Repairs	12/31/2013	Salt Lake City Department of Airports	Michael Widdison	801 575-2027	Centerline lighting kerf repair, joint spall repair, and joint sealant for the concrete pavement on Runway 34R, including portions of Taxiway H1 and Taxiway H2	\$ 45,783
2242192000	Great Falls Exp Concept Study, Design & Construction Administration	1/6/2014	City of Great Falls	Rod Hall	406-727-3404	Approximately 14,000 square feet of additional space on the upper concourse level and 2,800 square feet on the apron level; In addition, another 11,000 square feet of original space on the concourse level was reconfigured and renovated to accommodate the expansion	\$ 915,711
2042187007	Tampa AGIS Pilot Program	1/22/2014	Hillsborough County Aviation Authority	Anthony S. Mantegna	813-870-7863	Planning project and generally consists of project management, FAA coordination, aerial survey and mapping, ground survey, photogrammetry, obstacle/penetration identification, GIS database development, AGIS web portal uploads and an ALP update	\$ 500,000
2042187067	Tampa - T/W J IFE	1/23/2014	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Project provided an independent fee estimate (IFE) for the design of the Taxiway J	\$ 6,060
2103063002	Detroit Taxiway W - Ph 1 Design	3/5/2014	URS Corporation	Tom McCarthy	734 955 8882	Reconstruction of over 6,000 feet of Taxiway W; 1,500 feet of Taxiway F; four high speed taxiways; 500 feet of Taxiway J; and rehabilitation of Taxiway PP2	\$ 224,142
2145675017	Grand Marais Runway Reconstruction CA RPR	3/15/2014	Cook County, MN	Braidy Powers	218-387-3646	Provided CA/RPR & Closeout Services for pavement rehabilitation of the Apron, Taxiway and Runway 9-27	\$ 174,789
2240959027	Boise RW 10R-28L PCN Calculation	3/18/2014	City of Boise / Aviation Department	Jill Singer	208-383-3110	PCN technical evaluation based on construction documentation	\$ 6,065
2131882091	Duluth Terminal Bldg Design Phs 1	3/22/2014	Duluth Airport Authority	Blaine A. Peterson	218-625-7767	Design a new passenger terminal to replace the existing 70s era building, which was outdated in terms of passenger and baggage security screening functions, accessibility and energy efficiency	\$ 5,456,857
2033006000	RDU Terminal 1 Apron Reconstruction	3/25/2014	Parsons Transportation Group	Vincent F. Del Nero	919-840-4481	CA Services for Airfield Aircraft Parking apron reconstruction; Included PCC apron pavement replacement, pavement marking, drainage system removal and construction.	\$ 367,000
2032730001	RDU Terminal 1 Apron Reconstruction CA	3/28/2014	Raleigh-Durham Airport Authority	Ron Jewett	(919) 840-7736	Design and CA for the rehabilitation of 15.5 acres of PCC and bituminous aircraft parking apron and of parallel Taxiway A	\$ 501,807
2186915008	HCA Apron Rehabilitation	4/1/2014	Henry County Airport Authority	John Nye	419-906-7947	Minor plan and specification revisions to remove replacement fueling system scope from the bid	\$ 110,500
2229687001	Manassas Runway Ext Package 1 - Const	4/1/2014	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Design, permitting, and construction management services for the 500-foot Runway 34R Extension project to enhance the capacity and safety of the Airport	\$ 341,219
2242675001	Fort Morgan Runway 14-32 - Phase 1	4/1/2014	City of Fort Morgan	Bradley A. Curtis	(970) 542-3901	Provided engineering and planning services, assisted with the land acquisition required for the new Runway 14-32 and completed design and CA services of that new runway	\$ 429,517
3231135001	Fort Hood UAS Hangar	4/7/2014	Satterfield & Pontikes Construction, Inc.	Rick Johnson	(512) 879-5203	Served as the designer-of-record for a new Unmanned Aircraft Systems (UAS) hangar	\$ 2,339,423
2262450018	LAX Runway Use Report Review	4/10/2014	City of Los Angeles	Lisa Trifiletti	(424) 645-5186	Comments were intended to assist LAWA in providing a high quality report that would 1) meet the reporting requirements and 2) not conflict with the Runway 25R shift study	\$ 12,909
2032729000	RDU On-Call Special Assignments	4/14/2014	Raleigh-Durham Airport Authority	Dave Powell	919-840-7700	Task included the schematic design for new MRO on Greenfield site at the Airport; Planned facility included hangars, office space, parking aprons, utilities and roadway infrastructure; Potential tenant ultimately decided to construct their facility at another airport	\$ 10,000
3026058047	Replace LOX Vaporizer, LC39B	4/15/2014	National Aeronautics and Space Administration (NASA)	Nick Rivieccio	(321) 867-5266	This project provides specifications and drawings for a competitive, fixed-price, bid contract that encompass the complete design and construction details for the replacement of the existing vaporizer at the LOX (Liquid Oxygen) Facility (J7-182) at Launch Complex 39B	\$ 312,255
2120930006	Harlingen Land Development Strategic Plan	4/30/2014	City of Harlingen Airport Board	Michael Browning	956-430-8605	The project considered all building and site development criteria including scale and proportion, building massing, way-finding, height restrictions, setback requirements, site coverage, road locations, landscaping, security, parking, and circulation among others	\$ 31,390
2183230001	CRAA Port Columbus Trench Drain Design Ph 4	4/30/2014	Columbus Regional Airport Authority	Bart Powell	614 239-3025	Terminal Apron Trench Drain Repair	\$ 28,143
2240903009	Colorado Springs TW EGH Ph V Design	4/30/2014	City of Colorado Springs	Sam Schneider	719-550-1907	2,500 sf of taxiways and a highspeed taxiway; Fast paced schedule	\$ 413,966
2103063003	Detroit Taxiway W Ph 1- Bid	5/1/2014	URS Corporation	Tom McCarthy	734 955 8882	Reconstruction of over 6,000 ft of Taxiway W; 1,500 ft of Taxiway F; four high speed taxiways; 500 ft of Taxiway J; and rehabilitation of Taxiway PP2	\$ 8,127
3243314000	Chugwater Spaceport Feasibility Study	5/1/2014	Wyoming Community Network	Timothy Bendel	(307) 331-3043	Spaceport licensing	\$ 25,000
2013055001	BQK Airfield Pmnt CA & RPR	5/30/2014	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Provided design and bidding services for the Runway and Taxiway Rehabilitation project	\$ 1,090,889
3015821013	FANG Taxiway M2 & Apron Expansion Type C	6/1/2014	USPFO for Florida	Brian Vitetta	(904) 741-7600	Provided Type C CA services for the widening of Taxiway M2 and the repair and expansion of the Apron	\$ 51,048
3019550050	Curacao AGE Storage Facility	6/1/2014	NAVFAC Southeast	Adam Hocutt	(904) 542-0214	AGE Storage Facility at FOL Curacao was fully designed to provide storage for apron and aircraft support equipment; The building includes storage areas, a small office area, and restroom facilities	\$ 5,990
2243381000	Spokane Prelim Hangar Study Phase II	6/7/2014	Spokane Airport Board	Todd S. Woodard	(509) 455-6470	Study effort was to develop a preferred hangar development site that could accommodate several large and wide-body aircraft, vehicle access and parking, apron and office/maintenance space	\$ 23,016

Project No. (RS&H Project No.)	(a) Contract Numbers and Dates		(b) Awarding Authority	(c) Contact Name and Phone Number		(d) Description & Success of Performance	(e) Total Dollar Amount
	Project Name	Dates		Client Contact Name	Client Contact Phone		
2122937001	San Antonio Stinson Rwy 14-32 Rehab	6/19/2014	Texas Department of Transportation (TxDOT)	Stephanie Kleiber	(512) 416-4524	The rehabilitation of Runway 14-32 and Taxiway A included replacement runway and taxiway lighting with new LED runway and taxiway lighting	\$ 440,265
2109497012	Owosso Taxistreet 11	6/23/2014	Shiawassee Airport Board	Tim Harwood	989-725-1969	Project included constructing ADG II and ADG I taxi lanes to facilitate the expansion of the private hangar area	\$ 33,700
2262450015	Los Angeles LAWA ONT TW S&W Eval	6/30/2014	City of Los Angeles	Tadesse Bezabeh	(310) 646-5718	Provided a taxiway pavement evaluation, repair recommendations, and concept level project definition	\$ 82,151
2102820001	Bishop Twy A Rehab	7/1/2014	Bishop International Airport	John Barsalou	810-235-6560	Project consisted of the rehabilitation of a 7,800-foot bituminous parallel taxiway and multiple connector taxiways, as well as rehabilitation of a general aviation apron and taxi lanes	\$ 395,500
2262450010	LAX Alleyway Rehabilitation Study	7/1/2014	City of Los Angeles	Cynthia Guidry	(424) 646-7690	Provided planning services related to rehabilitation of the pavements between the terminal aprons, commonly called "alleyways"	\$ 33,900
2143528000	Ely Runway 12-30 IFE Construction Services	7/7/2014	City of Ely	Harold Langowski	(218) 365-5600	Provided IFE services; The project consisted of CA/RPR services for a runway rehab and misc electrical improvements	\$ 3,500
2042187055	Tampa Obstruction Removal	7/15/2014	Hillsborough County Aviation Authority	Scott Nesbitt	813-870-7832	Project included tree trimming in the approaches to Runways 18, 36 and 23	\$ 72,529
2180818016	Toledo Express RW 725 CA-RPR	7/16/2014	Toledo Lucas County Port Authority	Paul L. Toth	419-865-2351	Provided CA and resident project representation for the rehabilitation of the primary 10,600-foot by 150-foot runway	\$ 706,000
2017262030	JAA-Cecil Field - Approach Road	7/31/2014	Jacksonville Aviation Authority	J. Derek Powder	(904) 741-2225	Project includes civil, sitework, utility and landscape design documents for permitting and construction associated with the development of the east roadway and taxiway	\$ 365,187
2031169003	AlbertEllis NewTerm Airside Design	7/31/2014	Onslow County	Christopher H. White	910 -989-3162	Design and bidding phase services for the new 4-gate passenger terminal aircraft parking apron (14,745 square-yard of concrete pavement), new landside access roadways and parking lot access, rehabilitation of existing access roadways, new utilities including water, sewer, power and communications, drainage improvements, airfield signage and lighting, wayfinding and guidance signage, pedestrian facilities to service the new terminal, and eliminated all pump stations on the airport	\$ 327,971
2031169004	AlbertEllis Term Landside Design	7/31/2014	Onslow County	Christopher H. White	910 -989-3162	Design and bidding phase services for the new 4-gate passenger terminal aircraft parking apron (14,745 sq yd of concrete pavement), new landside access roadways and parking lot access, rehabilitation of existing access roadways, new utilities including water, sewer, power and communications, drainage improvements, airfield signage and lighting, wayfinding and guidance signage, pedestrian facilities to service the new terminal, and eliminated all pump stations	\$ 288,617
2122608003	Bentonville XNA East Apron Expansion CatEx	7/31/2014	Northwest Arkansas Regional Airport Authority	Barbara E. Busiek	(479) 205-1435	Prepared Categorical Exclusion in compliance with the NEPA for expansion of the East Apron. The FAA has approved the CATEx.	\$ 7,080
2262571000	Los Angeles Midfield Satellite Concourse EIR	7/31/2014	Ricondo & Associates, Inc.	Joseph A. Huy	760 444 0111	Assisted with the preparation of an Environmental Impact Report for the development of the Midfield Satellite Concourse	\$ 174,056
2263254001	SFO-Terminal 3 Planning Services	8/1/2014	City and County of San Francisco Airport Commission	Avant Ramsey	650.821.7836	Prepared redevelopment alternatives for the T3 concourse and Boarding Area F	\$ 500,000
2042187028	Tampa Reclaimed Water Expansion	8/15/2014	Hillsborough County Aviation Authority	Scott Nesbitt	813-870-7832	Reclaimed Water Expansion to Cooling Towers	\$ 266,760
2018389002	Fort Myers - RW 6R-24L Cross Field Txy - CA	8/29/2014	AECOM, Inc.	Joseph Glowacki	239-561-0007	Designed the new Runway 6R-24L, parallel taxiways, crossfield taxiways, drainage improvements, other associated airfield improvements, and cost estimate development	\$ 822,328
2262450016	Los Angeles LAWA LAX RW 6R-24L RSA Study	8/29/2014	City of Los Angeles	Leah Grossi	424-646-5153	Completed a study of the LAX Runway 6R-24L RSA; The study evaluated alternatives to provide a standard RSA; The study recommended that the Airport construct an Engineered Materials Arresting System (EMAS) at the west end of the runway and a runway extension on the east end of the runway	\$ 237,956
2233267008	San Antonio Zachry Hangar RPR	8/31/2014	City of San Antonio	Diane Cook	210-207-3591	Provided RPR services only for a private hangar development project in conjunction with a taxilane extension project	\$ 13,931
2102820003	Bishop Ext Lighting Study	9/1/2014	Bishop International Airport	John Barsalou	810-235-6560	Project consisted of a study/audit of the airport's external lighting (parking lots, aprons, t-hangers, maintenance/ARFF station, rental car QTA) as well as internal terminal lighting, to analyze potential for upgrades to LED lighting and payback analysis	\$ 32,300
2183355149	Put In Bay Taxiway and Apron Rehab	9/1/2014	Put in Bay Township Port Authority	Terry Burns	419-285-3371	The Project included the rehabilitation of the existing parallel taxiway and apron areas of roughly 25,000-sq-yd, and partial parallel taxiway construction services	\$ 92,000
2102472001	Lansing Runway 6-24 - Ph 1	9/5/2014	Capital Region Airport Authority	Robert F. Selig	517-886-3711	The project consisted of updating the Pavement Management Plan, including analyzing existing conditions, performing project level condition survey, and nondestructive testing and geotechnical investigation	\$ 421,405
2183230007	Columbus LCK ACT No.5 and Ramp 3 Expansion - Preliminary	9/11/2014	Columbus Regional Airport Authority	Eric Hensley	614-409-3631	Performed planning services for the overall development of Ramp 3 including evaluating apron expansion to accommodate the airport's fleet mix of large ADG VI aircraft, laying out aircraft parking areas, and investigating ground service equipment routes	\$ 3,999
2121976055	Austin 2014 MAP Application Update	9/24/2014	City of Austin	Dale Thompson	512-530-5544	Provided assistance in generating the application for the Military Assistance Program (MAP)	\$ 10,068
2017262025	JAA-Cecil Field-East RW & TW	9/30/2014	Jacksonville Aviation Authority	J. Derek Powder	(904) 741-2225	Project includes civil, sitework, utility and landscape design documents for permitting and construction associated with the development of the east roadway and taxiway	\$ 423,094
2240959028	Boise Taxiway B Extension	9/30/2014	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Planning effort required to determine a Preferred Recommended Alignment of the Taxiway B Extension to the new SkyWest Maintenance Hangar	\$ 42,000
2262352004	Merced Pavement Maintenance	9/30/2014	City of Merced	Janet Young	209-385-6873	Design, RPR services, and CA services	\$ 71,118
2123454001	Houston Bush Recon TW WA&WB CATEx	10/1/2014	City of Houston - Houston Airport System (HAS)	Lorna Clark	281-233-1967	Technical assistance for a CATEx for Taxiways TW and WA-WB	\$ 17,245
2144581013	Cloquet R/W 17/37 PAPI and Beacon	10/1/2014	Carlton County Airport Commission	Mike Tardy	218-384-9150	Provided design, bidding, construction services for new beacon and PAPI-4 on runway 17-35	\$ 97,000
2018389000	Fort Myers-RW 6R-24L Concept Design	10/31/2014	DMJM Aviation	Joseph Glowacki	239-561-0007	This project included the conceptual design for the entire Parallel Runway 6R-24L	\$ 1,636,122
2122789005	Houston Bush Terminal A & D Marking Plan	10/31/2014	City of Houston - Houston Airport System (HAS)	Lorna Clark	281-233-1967	Analyzed aircraft parking positions for Terminal A South; PathPlanner™ was used to develop alternatives	\$ 32,350
2130823002	Chicago RW 9R Advanced Engineering	10/31/2014	Chicago Aviation Runway Designers	Andres Garcia	773 225 7578	Engineering design for the central and east packages of the Runway 9R Extension and Associated Taxiways project	\$ 241,165
2130823002	Chicago RW 9R Advanced Engineering	10/31/2014	Chicago Aviation Runway Designers	Andres Garcia	773 225 7578	Engineering design for the central and east packages of the Runway 9R Extension and Associated Taxiways project	\$ 241,165
2240959030	Boise Taxiway B Extension Planning Services	11/1/2014	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Planning Services were added separately for the Taxiway B Extension project	\$ 35,811

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2150838018	Amarillo Electrical Improvements - CA	11/10/2014	City of Amarillo	Patrick Rhodes	806-335-1671	Project included the design for the replacement of the Runway 4-22 Runway Distance Remaining signs, the existing airfield lighting control and monitoring system, the existing vault switchgear, the replacement of primary and supplemental airfield wind cones, Runway 4-22 edge lighting, and miscellaneous vault improvements	\$ 58,000
2120930012	Harlingen PBB Project	11/17/2014	City of Harlingen Airport Board	Bryan J. Wren	956-430-8605	Designed the replacement of two passenger boarding bridges	\$ 71,674
2122789011	Houston Bush Pavement Management (C&D)	12/1/2014	City of Houston - Houston Airport System (HAS)	Lorna Clark	281-233-1967	Development of a pavement management plan for apron C&D	\$ 210,900
2233267004	San Antonio GA FIS Taxiway & Apron	12/1/2014	City of San Antonio	Susan St. Cyr	210-207-3559	Project consisted of design phase services for the construction of a GA FIS apron and taxi lane in conjunction with a GA FIS building (designed by others)	\$ 345,998
2102724000	Monroe Apron Rehab	12/12/2014	City of Monroe, Michigan	Patrick Lewis	734-384-9126	Monroe Apron Rehab	\$ 39,800
2263556000	Las Vegas McCarran SMS Facilitation	12/22/2014	Clark County	Ellen Marciel	702.261.5100	Facilitation of SRM Panel for Runway 7L-25R and Taxiway C reconstruction projects	\$ 38,703
2011973000	Tallahassee Runway 9-27 Program	12/31/2014	City of Tallahassee	David J. Pollard	850 891 7815	Design and perform construction management for the extension of Runway 18-36 and the demolition and reconstruction of Runway 9-27, the airport's primary air carrier runway.	\$ 2,580,876
2012275005	JAA-JIA Bypass Taxiway - CA & RPR	12/31/2014	Jacksonville Aviation Authority	J. Derek Powder	(904) 741-2225	The project included the realignment of existing Taxiways "J" and "P" and the construction of a new bypass taxiway to accommodate the construction of future Concourse B	\$ 937,519
2012275029	JAA-Cecil East Dev Taxiway Bid Services	12/31/2014	Jacksonville Aviation Authority	J. Derek Powder	(904) 741-2225	Taxiway E Roadway Improvement Services	\$ 20,613
2013020003	Brunswick Dev - BQK Gulf MRO Support (Basic)	12/31/2014	Brunswick-Glynn County Development Authority	Dave Smith	(912) 265-6629	Engaged in a credit-tenant lease agreement with the Gulfstream Aerospace Corporation (Gulfstream) for the expansion of Gulfstream facilities and operations	\$ 37,650
2013086000	Ft. Myers Airfield Signage Upgrades	12/31/2014	Hole Montes, Inc.	Luc Carriere	239.985.1200	Provided design and engineering services to support the upgrade of 12 guidance signs to place the signs on designated sign circuit AS recently installed during the Midfield Apron project	\$ 20,642
2017262021	JAA-JIA-Concourse B Apron Design	12/31/2014	Jacksonville Aviation Authority	J. Derek Powder	(904) 741-2225	Design and Bidding Services for Concourse B Apron Reconstruction and related work	\$ 1,206,672
2060821020	FLL T/W C West CA & RPR	12/31/2014	Broward County Aviation Department	Gasser Dougé	954-359-6973	CA and resident project representation services for the reconstruction of Taxiway C West	\$ 1,038,604
2221115003	Manassas Runway 34R Extension - SA1	12/31/2014	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Supplemental Agreement for Runway 34R Extension and Related Work Design and Bidding Services	\$ 75,735
2240959021	Boise RW 10L-28R RSA Design & CA	12/31/2014	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Regrade Runway Safety Area - No paving.	\$ 132,538
2243522000	Portland SRM Panel Facil 2014	12/31/2014	Landry Consultants LLC	Joanne M. Landry	(206) 420-3361	SRM Panel for taxiway rehabilitation and taxiway centerline replacement around passenger terminal building	\$ 15,300
3012758042	MacDill AFB Relocate Wash Rack	12/31/2014	R. M. Williams Construction, Inc.	Mackey Williams	(813) 251-8051	Performed design and construction phase services for the relocation of an existing tanker aircraft wash rack facility	\$ 90,453
2263481000	Burbank Terminal Concept Vision	1/1/2015	Burbank-Glendale-Pasadena Airport Authority	Dan Feger	(818) 840-8840	Prepare "vision concepts" of the terminal in the various proposed locations; Vision of terminal to be limited to exterior massing with little detail	\$ 15,000
2262440007	SJO PCI Analysis	1/3/2015	AERIS Holding Costa Rica S.A.	Eduardo Chamberlain	(506) 437-2400	PCI (pavement classification index) analysis of the existing runway and remote apron	\$ 49,750
2263315002	Liberia Code Analysis	1/3/2015	Ingenieria Sismo-Resistente, S.A., (ISR)	León Mayer	(506) 229-6239 8	Conceptual design phase of a new international midfield terminal with 50 contact gates, comprised of 250,000 sq mt (2,700,000 sq ft) of planned terminal area, new parallel runway and associated midfield apron, new control tower and new Airport rescue fire station	\$ 15,500
2123059004	El Paso RW 4-22 Study & LCCA	1/15/2015	City of El Paso, TX	Samuel Rodriguez	(915) 212-7303	The purpose of this study is for the Runway 4-22 Life Cycle Cost Analysis (LCCA) and the Taxiway K Safety Improvement Study	\$ 195,004
2183230006	Columbus CMH Trench Drain Phase 5 - Design	1/15/2015	Columbus Regional Airport Authority	Bart Powell	614 239-3025	Terminal Apron Trench Design Repair	\$ 29,691
2031169011	Albert Ellis GA Terminal & Apron	1/31/2015	Onslow County	Christopher H. White	910 -989-3162	GA Terminal Building & Apron Design and Bidding Services	\$ 397,916
2141882119	Duluth Sky Harbor Apron Ph 2 Design	2/1/2015	Duluth Airport Authority	Blaine A. Peterson	218-625-7767	Provided Design and Bidding Services for the Reconstruction of the Ramp, entrance Gate and Watermain Extension	\$ 37,235
2262332003	SBP Terminal Area Plan	2/13/2015	San Luis Obispo County	Craig A Piper	805 781 4376	Provided planning, design, and construction phase services for a new terminal	\$ 2,050,274
2141882121	Taxiway A Rehabilitation CATEX	2/21/2015	Duluth Airport Authority	Thomas J Werner	(218) 625-7766	Provided Environmental CATEX services for a future taxiway A rehabilitation project	\$ 5,276
2011003000	Newport News Master Plan	2/26/2015	Peninsula Airport Commission	Ted Kitchens	(757) 877-0221	Master plan included two FAA Pilot Programs: Sustainability and eALP; Air service and land development analysis were also included	\$ 1,575,703
2269529000	Sonoma County Airport EA/EIR	2/27/2015	Sonoma County	Jon G. Stout	707 565 7243	Prepared EIR and EA for the Runway Safety Improvement Project	\$ 3,257,197
2011003005	Newport News Concourse B Renovation Proj/Curb	3/1/2015	Peninsula Airport Commission	Ted Kitchens	(757) 877-0221	Renovate and modernize the 25-year-old concourse B	\$ 387,642
2141144011	Hibbing Taxiway A Relocation CA RPR Services	3/1/2015	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Provided CA and RPR services for the relocation of Taxiway A adjacent to the terminal	\$ 142,000
2144581019	Cloquet Pavement Rehab CA RPR	3/1/2015	Carlton County Airport Commission	Wayne Olson	218-384-9150	Provided CA, Inspection, and FAA Close Out Services for the crack seal and seal coat to Runway 17/35, 07/25, Apron & Taxiway	\$ 33,900
2229687002	Manassas Localizer CA/RPR	3/1/2015	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Manassas Runway CA/RPR Phase III (Runway 16L Localizer Relocation)	\$ 158,129
2262450017	Los Angeles LAWA El Segundo Concerns	3/1/2015	City of Los Angeles	Lisa Trifiletti	(424) 645-5186	The LAX Runway 7L-25R Shift Study was closed after submittal of the draft final report	\$ 229,023
2262450014	Los Angeles LAX Runway 7R-25L Pavement Distress	3/11/2015	City of Los Angeles	Diego Alvarez	424-646-5179	Completed the reconstruction of Runway 7R-25L and associated exit taxiways' deteriorated concrete pavement to extend the useful life and minimize airfield operational impacts	\$ 367,274
2042187063	Tampa RW 18-36, TW A, Hangar TL & Prkg Rehab	3/27/2015	Hillsborough County Aviation Authority	Richard Coudurier	813-870-7834	The project includes routing and sealing of pavement cracks, removal of overgrown vegetation at the pavements edges, minor repairs to areas of failed pavement, and remarking of entire runway pavement in conformance with current FAA standards	\$ 134,141
2240959031	Boise Taxiway B Ext Design & Bidding	3/27/2015	City of Boise / Aviation Department	Matt Petaja	208 972 8392	New Taxiway leading to Skywest Maintenance Hangar	\$ 278,964
2042187089	Tampa TW E Standards Mod	3/30/2015	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Project consisted of assistance with development of a mod to standards for taxiway shoulders at TPA	\$ 15,716
2013055025	SSI 16-34 Rehab P1 Design	3/31/2015	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Runway 16-34 Rehabilitation Design	\$ 133,445
2249719006	Denver Runway 17R 35L Rehab CA	3/31/2015	Denver International Airport	Keith Johnson	303-342-2736	The review of shop drawings and submittals, RFIs, attendance at weekly construction meetings, site visits, and preparation of Record Drawings	\$ 197,232
2263335000	Burbank Runway Shoulder Design	3/31/2015	Burbank-Glendale-Pasadena Airport Authority	Karen Sepulveda	818-729-3508	Design services for the rehabilitation of the shoulder pavement and adjacent areas of Runway 8-26 and Runway 15-33	\$ 362,837

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2013269002	Daytona Beach Taxiway "N" Pre-Engineering Study	4/1/2015	Volusia County	Karen K. Feaster	386-248-8030	Planning document to assist airport in justifying the project	\$ 21,500
2060821025	FLL NE Drainage Pond Eval.	4/2/2015	Broward County Aviation Department	Carlos Hernandez	(954) 359-2255	Evaluated existing irrigation demand for the "Green Belt" area to the south and the quality and quantity of water available from the Northeast Pond	\$ 79,362
2031169015	Albert Ellis SWPPP and SPCC Permit Preparation	4/13/2015	Onslow County	Christopher H. White	910 -989-3162	Complete a Storm Water Pollution Prevention Plan (SWPPP) and Airport Spill Prevention, Countermeasure, and Control Plan (SPCC)	\$ 32,100
2060821032	Ft. Laud North Drainage Concept	4/21/2015	Broward County Aviation Department	Carlos Hernandez	(954) 359-2255	Prepared a Basis of Design Report	\$ 199,890
2240124001	Colorado Springs Terminal Apron Rehab	5/1/2015	City of Colorado Springs	Sam Schneider	719-550-1907	Terminal Apron Rehabilitation Services	\$ 619,435
2240959032	Boise Taxiway B Ext Additional Design	5/1/2015	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Additional design was required to interface SkyWest Maintenance Hangar Ramp into our Taxiway S design	\$ 26,356
2262352005	Merced Apron Pavement Maintenance CA	5/15/2015	City of Merced	Janet Young	209-385-6873	Apron Pavement Maintenance Project CA Services	\$ 27,779
2183230011	Columbus TZR Apron B Rehabilitation Design	5/25/2015	Columbus Regional Airport Authority	Bart Powell	614 239-3025	Apron B Rehabilitation and Waterline Relocation	\$ 40,983
2039661010	Asheville Airfield Concept Rendering	6/1/2015	Greater Asheville Regional Airport Authority	Michael A. Reisman	828-684-2226	Provided artist renderings of the Asheville Airports Development Concept Exhibit B1 provided	\$ 5,500
2229687003	Manassas Bridge Extensions CA/RPR	6/1/2015	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Manassas Runway CA/RPR Phase II Airport has FAA and State Grant	\$ 355,910
2240903008	Colorado Springs-TW EGH PH-IV CA/RPR	6/1/2015	City of Colorado Springs	Sam Schneider	719-550-1907	Colorado Springs Taxiway E, G, H Recon Phase IV CA/RPR	\$ 1,016,435
2180171001	Clinton County Airfield Design Projects FY14	6/11/2015	Clinton County	Melody Waldmann	(937) 725-1946	Design and bidding phase services for the rehabilitation of runway pavement including transverse joint reconstruction in asphalt pavement sections, crack sealing, and pavement marking	\$ 85,990
2240903010	Colorado Springs TW EGH PH V CA/RPR-Part I	6/26/2015	City of Colorado Springs	Sam Schneider	719-550-1907	Colorado Springs Taxiway E, G, H Recon Phase V CA/RPR associated with the Taxiway Reconstruction	\$ 656,236
2240903011	Colorado Springs TW EGH PH V CA/RPR-Part II	6/26/2015	City of Colorado Springs	Sam Schneider	719-550-1907	Colorado Springs Taxiway E, G, H Recon Phase V CA/RPR associated with the Runway re-striping	\$ 175,607
2060821038	FLL Cont'd Stormwater Services	6/30/2015	Broward County Aviation Department	Carlos Hernandez	(954) 359-2255	Review and verification of the previous CDM work from 2001, 2003 and 2005; transferring data to the ICPR model; updating the CDM SWMP; updating alternatives analysis and recommendations including cost considerations, providing tenant guidelines for new development, completing permit applications, submission or assisting with submission of permit applications for proposed future conditions inclusive of the expanded south runway	\$ 50,000
2120930010	Harlingen Rehab Taxiway H	6/30/2015	City of Harlingen Airport Board	Michael Browning	956-430-8605	Design and CA services to address failing pavement on Taxiway H	\$ 28,000
3026058076	ESDC of LOX Vaporizer	6/30/2015	National Aeronautics and Space Administration (NASA)	Lori N. Jones	(321) 861-2916	This project provides specifications and drawings for a competitive, fixed-price, bid contract that encompass the complete design and construction details for the replacement of the existing vaporizer at the LOX (Liquid Oxygen) Facility (J7-182) at Launch Complex 39B	\$ 183,088
2103616000	Charlevoix Apron Reconstruction & Expand Ph 3	7/10/2015	City of Charlevoix	Matt Wyman	(231) 547-3605	Executed CA services and the project was completed ahead of schedule in July of 2015	\$ 151,000
2242675002	Fort Morgan Runway 14-32 CA/RPR	7/16/2015	City of Fort Morgan	Bradley A. Curtis	(970) 542-3901	General consultant to provide engineering and planning services	\$ 738,073
2031169017	Jacksonville NC Apron Rehabilitation	7/23/2015	Onslow County	Christopher H. White	910 -989-3162	Design and Bidding phase services for the rehabilitation of the air carrier aircraft parking apron, general aviation aircraft parking apron, and associated taxiways adjacent to the old passenger terminal	\$ 198,686
2012275032	JAA-Cecil Spaceport Taxiway and Apron Design	7/31/2015	Jacksonville Aviation Authority	J. Derek Powder	(904) 741-2225	Design, Final CDs and Construction were completed on time and under budget	\$ 175,869
2012275034	JAA - Herlong West Apron Rehab - IFE	7/31/2015	Jacksonville Aviation Authority	J. Derek Powder	(904) 741-2225	Independent Fee Estimate	\$ 3,500
2032740001	RDU Pavement Repairs	7/31/2015	Raleigh-Durham Airport Authority	Victor Malcolm	919-840-7729	Pavement Renovations to Taxiways Alpha 3, Bravo 9 and Runway 5R Touchdown Zone	\$ 18,289
2100289001	Lansing TW Turning Improv Ph 1	7/31/2015	Capital Region Airport Authority	Robert F. Selig	517-886-3711	Taxiway Turning Improvements	\$ 150,698
2240959037	Boise TW B Ext Design Changes SkyWest	8/4/2015	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Boise Taxiway B Extension Water Utility Relocation of water lines into a new steel casing where they cross Taxiway S and VSR	\$ 49,607
2180818013	Toledo Executive Rwy 32 NAVAIDS	8/7/2015	Toledo Lucas County Port Authority	Stephen L. Arnold	419-865-2351	Project included the design of Precision Approach Path Indicators (PAPIs) for the Runway 32 end, and the integration of the PAPIs and runway end identifier lights on Runway 4 and Runway 22 into the existing airfield lighting control and monitoring System	\$ 51,500
2012275030	JAA-Cecil-Taxiway Improvements CA & RPR	8/20/2015	Jacksonville Aviation Authority	J. Derek Powder	(904) 741-2225	Provided Construction Services for the East Development Taxiway Improvements	\$ 295,396
2013363107	GNV ARFF/ATCT Siting & ALP Update	8/24/2015	Gainesville-Alachua County Regional Airport Authority	Allan J. Penska	(352) 373-0249 x11	An Air Traffic Control Tower siting study was performed in accordance with FAA criteria identified in FAA Order 6480.4B Airport Traffic Control Tower Siting Criteria	\$ 369,765
2230003000	Lubbock ARFF Siting Study	8/24/2015	City of Lubbock	Kelly L. Campbell	806-775-3126	Completed a ARFF Siting Study based on site selection criteria for operational factors set forth in the FAA Advisory Circular No. 150/5210-15A - Aircraft Rescue and firefighting Building Design	\$ 16,450
2262566000	Anchorage Master Plan Update	8/24/2015	Alaska Department of Transportation (Alaska DOT)	Teri Lindseth	(907) 266-2544	Master Plan to address air cargo and general aviation growth, long-term terminal needs, and land use, and a new runway	\$ 4,839,087
2240959036	Boise TW B Ext Water Utility Relocation	9/4/2015	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Designed realignment of waterlines inside steel casings at Taxiway crossings	\$ 11,506
2102743000	Alpena Pavement Analysis & Rehab	9/11/2015	County of Alpena	Billi McRoberts	989 354 2907 x221	Completed a pavement rehabilitation on Taxiways A, C, E, F, and G	\$ 309,448
2260001003	LAX Rwy 6R-24L CSPP SRM Panel	9/11/2015	City of Los Angeles	Robert Falcon	(424) 646-5848	Provided facilitation services for a Safety Risk Management panel associated with the design and construction of the Runway 6R-24L Runway Safety Area improvement project	\$ 34,823
2262440004	SJO Signage Plan	9/15/2015	AERIS Holding Costa Rica S.A.	Eduardo Chamberlain	(506) 437-2400	Relocation of S/WA to gates A48, A50 to A51, A53 and associated renovation of operations space at apron level	\$ 371,553
2262440005	SJO CA Support	9/15/2015	AERIS Holding Costa Rica S.A.	Eduardo Chamberlain	(506) 437-2400	Development of a terminal area concept plan for the expansion and renovation of the international passenger terminal building, a new domestic passenger terminal building, a new ARFF facility, access roadways, and RESA	\$ 200,000
2031169016	Albert Ellis GA Terminal & Apron CA	9/22/2015	Onslow County	Christopher H. White	910 -989-3162	CA services for the construction of a 10,000-sq-ft two-story terminal building, 15,240-sq-yd bituminous aircraft parking apron (28 parking positions), bituminous landside access roadways and parking lot, site and drainage improvements, utility construction, pavement markings, roadway signage, and erosion control	\$ 235,737

Project No. (RS&I Project No.)	(a) Contract Numbers and Dates		(b) Awarding Authority	(c) Contact Name and Phone Number		(d) Description & Success of Performance	(e) Total Dollar Amount
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2253543004	Salt Lake TWE & F Joint Repair Phase 2	9/25/2015	Salt Lake City Department of Airports	Mark Carlton	(801) 575-2400	FY 2014 Joint Repair project at SLCIA. Phase 3 of Taxiway's E and F	\$ 62,524
2013269008	Daytona Beach On-Call 2016	10/1/2015	Volusia County	Karen K. Feaster	386-248-8030	Provided preliminary planning/concept drawing for a run up pad	\$ 10,000
2011973004	Tallahassee Regional Airport RW 9-27 CA/RPR	10/5/2015	City of Tallahassee	David J. Pollard	850 891 7815	CA and resident inspection for the Reconstruction of Runway 9-27	\$ 2,192,080
2120930009	Harlingen Airfield Marking Modifications	10/9/2015	City of Harlingen Airport Board	Bryan J. Wren	956-430-8605	Remarketing airfield surface marking including signage, hold positions, hold position signs and enhanced centerline markings	\$ 29,500
2183230003	Columbus CMH Trench Drain Phase 4 - CA	10/12/2015	Columbus Regional Airport Authority	Bart Powell	614 239-3025	Provided CA services for the Terminal Apron Trench Drain Repair	\$ 19,097
2031169009	Albert Ellis Airside/Landside CA	10/15/2015	Onslow County	Christopher H. White	910 -989-3162	Completed design of aircraft parking apron and terminal roadways	\$ 429,526
2141882115	Duluth Apron Civil CA RPR	11/1/2015	Duluth Airport Authority	Thomas J Werner	(218) 625-7766	CA services for a new 30,000 sq yd terminal apron North of the new terminal	\$ 470,528
2149554018	Sioux City Taxiway F	11/1/2015	City of Sioux City	Curt Miller	712-279-0170	Provided design and bidding services for the relocation of connector Taxiway F	\$ 181,000
2013269007	DBIA TWP5 RIM	11/2/2015	Volusia County	Karen K. Feaster	386-248-8030	Provided a letter/report response to the FAA regarding potential runway incursion impacts regarding Taxiway P5	\$ 9,997
2122789028	Houston Bush RON Apron	11/2/2015	City of Houston - Houston Airport System (HAS)	Susan A. Kramer	(713) 457-9400	Houston Bush RON Ramp	\$ 993,632
2100253000	Alpena Gate Improvements	11/8/2015	County of Alpena	Steve Smigelski	(989) 354-9601	Installation of new gate card readers, pavement loops, equipment racks, and gate control cabinets for two perimeter fence controlled access points adjacent to the GA apron, and Maintenance facility	\$ 20,800
2010241006	Columbus GA Rwy 6 RSA Study	11/16/2015	Columbus Airport Commission	Richard C. Howell	706-324-2449 x1410	Study to identify issues with Runway 6 Safety Area	\$ 14,722
2243381001	Spokane Airbus 380 Hangar Study	11/25/2015	Spokane Airport Board	Todd S. Woodard	(509) 455-6470	Provided the Airport staff a preliminary review of the existing airfield infrastructure required to taxi an A380 to/from Runway 3-21 and the South Maintenance Ramp, and generate a conceptual site layout for an A380 adjacent to the tenant's lease area	\$ 9,500
2012275031	JAA-Cecil Spaceport Hangar EA	12/1/2015	Jacksonville Aviation Authority	Todd Lindner	904-741-2228	Preparation of a Focused EA for proposed airside and landside improvements within an approx.50-acre parcel	\$ 175,951
2141144007	Hibbing Apron & Fuel Design	12/1/2015	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Provided Design and Bidding Services for a partial taxiway relocation, new concrete terminal apron and new fuel farm	\$ 271,500
2183230005	Columbus CMH Concourse A Apron - Design	12/3/2015	Columbus Regional Airport Authority	Bart Powell	614 239-3025	Provided CA services and was available for field visits and site inspections	\$ 45,205
2183230005	Columbus CMH Concourse A Apron - Design	12/3/2015	Columbus Regional Airport Authority	Bart Powell	614 239-3025	Concourse A Apron Subgrade Improvements and Terminal Apron Trench Drain Repair	\$ 97,501
2183230004	Columbus CMH ARFF Apron Rehabilitation - Design	12/11/2015	Columbus Regional Airport Authority	Bart Powell	614 239-3025	Provided CA services as well as site visits with subconsultant providing material testing	\$ 72,267
2221115008	Manassas RW 34R ILS Prelim Design	12/14/2015	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Preliminary Design, survey, geotech	\$ 55,338
2013269005	Daytona Beach Runway 34 RSA	12/15/2015	Volusia County	Karen K. Feaster	386-248-8030	Runway Safety Area Evaluation and submittal to the FAA	\$ 15,066
2150147021	Austin RCCF Complex Demo	12/31/2015	City of Austin	Robin Camp	512-974-7830	Project included the demolition of an existing hangar facility to allow for terminal facility apron expansion to occur	\$ 142,788
2263244001	LAX RW 7R-25L & TW Pvmr Repair Alts	12/31/2015	AECOM Technical Services, Inc.	Mark Vicelja	(310) 646-7553	The emergency pavement repairs of Runway 7R-25L	\$ 693,433
2183230017	CRAA CMH GA Apron Investigation	1/1/2016	Columbus Regional Airport Authority	David Gotschall	(614)239-3334	Initial Investigation of Columbus General Aviation Concrete Apron	\$ 13,499
2141144018	Hibbing RW TW Lighting CATEx	1/5/2016	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Provided CATEx documentation for the Beacon, Runway Lighting, Taxiway lighting and new PAPIs	\$ 7,350
2180818019	Toledo Express TW B Rehab	1/5/2016	Toledo Lucas County Port Authority	Paul L. Toth	419-865-2351	Pavement rehabilitation Taxiway B, the airport's primary taxiway, design of pavement milling and profile corrections, new taxiway shoulder pavement, new full-strength apron pavement, upgrades to existing taxiway edge lights and guidance signs, grading and drainage improvements, and pavement marking	\$ 408,000
2183355150	Put in Bay TW Apron CA/RPR	1/11/2016	Put in Bay Township Port Authority	Patrick Myers	(419) 285-3371	Rehabilitation of the existing parallel taxiway and apron	\$ 89,000
2183355151	Middle Bass Obs Rem CA/RPR	1/11/2016	Put in Bay Township Port Authority	Patrick Myers	(419) 285-3371	Removal and trimming of selected obstructions (trees)	\$ 14,000
2144581018	Moose Lake Pavement Rehab CA/RPR	2/1/2016	Carlton County Airport Commission	Wayne Olson	218-384-9150	Provided CA & RPR Services for the rehabilitation for Runway 4-22	\$ 64,960
2144581022	Moose Lake Runway 4-22 Lighting	3/1/2016	Carlton County Airport Commission	Mike Tardy	218-384-9150	Provided design, CA, RPR and Closeout services for new Runway Lighting and NAVAIDS	\$ 60,700
2186971004	RW 9-27 Obs (Ph 1) & MP (Ph 3) RTTF	3/1/2016	Village Board of Kelleys Island	Arden Cooper	(419) 746-2535	Design services for the Runway 9/27 obstruction removal project and planning services for the Residential Through the Fence Access Plan	\$ 83,835
2186971007	Kelleys Island Land Acq	3/1/2016	Village Board of Kelleys Island	Arden Cooper	(419) 746-2535	Professional support services for the acquisition of parcel located in approach to Runway 27	\$ 30,000
2032740003	RDU Pavement Repairs - Phase 2	3/10/2016	Raleigh-Durham Airport Authority	Victor Malcolm	919-840-7729	Runway 5R, Taxiways Bravo 9 and Alpha 3 Repairs	\$ 48,225
2250004000	Pocatello TWA A Electrical Design	3/10/2016	T-O Engineers, Inc.	Nathan Cuvala	208-323-2288	Provided electrical engineering services for Taxiway A rehab to support T-O Engineers	\$ 15,381
2183230018	CRAA TZR ALP Update Apron B	3/15/2016	Columbus Regional Airport Authority	Philip Gwiner	(614) 239-4063	CRAA TZR ALP Update Apron B	\$ 4,824
2060821026	FLL Apron Ramp Visualization	3/16/2016	Broward County Aviation Department	Staci Montefusco	954-359-6149	Develop a series of optimum camera on 11 tower locations for new security cameras to visualize all of the aircraft aprons, ramps and airfield pavements garage floor systems	\$ 291,138
2233267032	SAT GA FIS Additional RPR	3/22/2016	City of San Antonio	Diane Cook	210-207-3591	Construction of a new group III taxiway, taxiway lighting, airfield signage, stormwater drainage improvements and a aircraft parking apron area associated with a new General Aviation FIS facility	\$ 27,846
2122789024	Houston Bush TW SF Bridge Assessment	3/25/2016	City of Houston - Houston Airport System (HAS)	Scott B. Hill	(713) 715-8534	Provided a preliminary assessment of the structural capacity of the three bridges in the terminal area associated with Taxiway SF	\$ 247,319
2141144017	Hibbing Crack Seal Design, Bid, CA	4/1/2016	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Runway 13-31, Runway 4-22 and Partial Taxiway C Crack Seal	\$ 20,000
2186915009	Henry County Apron - CA/RPR	4/1/2016	Henry County Airport Authority	John Nye	419-906-7947	Rehabilitation of main apron pavements	\$ 67,000
2270247001	Amarillo PCI and PMP	4/1/2016	City of Amarillo	Sara Freese	806.335.1671	PCI analysis, PCN analysis, developed a PMP, and coordinated MOS for runway edge lights	\$ 217,500
2131882101	Boeing Big Top Hangar Drainage study	4/6/2016	Duluth Airport Authority	Thomas J Werner	(218) 625-7766	The Master Plan Update, which included the preparation of new ALP drawings, an Exhibit 'A' Property Map, and a PCI report	\$ 693,145
2013055024	SSI 16-34 Rehab P2 Elec	4/9/2016	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Design services for runway marker lighting replacement and partial shoulder replacement	\$ 163,295
2013055034	Brunswick-SSI Crack Seal Design	4/9/2016	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Runway 4-22 and Taxiway Sealing and Re-Marking	\$ 57,998
2183230013	Columbus CRAA TZR Apron B CA/RPR	4/14/2016	Columbus Regional Airport Authority	David Gotschall	(614)239-3334	Provided services to the CRAA under our GC Contract to evaluate the condition of Apron B due to a water line break	\$ 80,804
2013055010	BQK East GA Dev Design	4/15/2016	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Project includes a two-phase eastward expansion of the existing apron measuring 55,200 sq yd with adjacent hangar development sites, plus a new connector Taxiway A6, taxilanes to box-hangar and T-hangar sites, and a stormwater management facility	\$ 610,000

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2102820005	Bishop Rwy 18-36 Rehab	4/30/2016	Bishop International Airport	Craig A. Williams	(810) 235-6560	Rehabilitation of a 7,850-ft bituminous crosswind runway and multiple connector taxiways	\$ 599,300
2183230016	Columbus LCK Ramp 3 CA/RPR	5/31/2016	Columbus Regional Airport Authority	Paul Ryan	614.409.3644	Reconstruction of Ramp 3 where original military apron pavement remained in a state of disrepair	\$ 278,636
2039661009	Asheville Runway Program Management Ph 2	6/1/2016	Greater Asheville Regional Airport Authority	Michael A. Reisman	828-684-2226	Phase 2 of the runway re-development program consisted of the design and construction of a 7,000 ft by 100 ft temporary runway 17-35 to be used to allow the reconstruction of the permanent Runway 17-35 with a 75 ft shift to correct non-standard separation and longitudinal gradient issues	\$ 1,842,318
2141882123	Duluth Runway Safety Analysis	6/1/2016	Duluth Airport Authority	Blaine A. Peterson	218-625-7767	Reviewed aircraft crash data in the region, nationally and internationally to create crash probability graphics	\$ 24,725
2152613003	Austin FAA Ductbank Relocation	6/1/2016	City of Austin	Alison Von Stein	512-974-7217	Design for the relocation of an FAA duct bank that housed control and power cabling for Runway 35R approach lighting	\$ 355,440
2240124003	Colorado Springs TW C Recon	6/3/2016	City of Colorado Springs	Sam Schneider	719-550-1907	Design-Rehabilitation of Taxiway C, G and Terminal Connectors Phase I. Rehabilitate Taxiway C from Taxiway C7 through Taxiway H, Year 2 of 5	\$ 440,487
2042187091	Tampa Seawall Repairs at POK	6/8/2016	Hillsborough County Aviation Authority	Scott Nesbitt	813-870-7832	Project management, design, permitting, bidding and construction administration services	\$ 76,240
2040001010	Tampa Taxiway L Drainage	6/11/2016	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Provided design plans to address continuing erosion issues located on the northwest corner of the intersection of Taxiway L & Taxiway N	\$ 8,874
2122789031	Houston Bush Drainage Master Plan	6/22/2016	City of Houston - Houston Airport System (HAS)	Bill Gaw	281-233-3000	Updated Drainage Master Plan (DMP) and Storm Water Quality Management Plan (SWQMP)	\$ 843,527
2100122000	MBS GA Apron Rehab	6/24/2016	MBS International Airport Commission	Christopher Sieklucki	(989) 695-5555 ext 8	General Aviation Apron Pavement Rehabilitation	\$ 198,500
2013055002	SSI Obstruction/ Threshold Siting	7/1/2016	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Brunswick McKinnon Runway 4 Thresh Relocation	\$ 80,227
2233267025	SAT GA FIS Supplemental Services	7/12/2016	City of San Antonio	Susan St. Cyr	210-207-3559	Additional CA services for the GA FIS apron and taxiway project	\$ 186,352
2240011001	Colorado Springs Setzer Project Vector	7/28/2016	Setzer Properties, LLC	Keith Fryman	(859) 514-7767	Project included preliminary design services for a cargo freight sort facility located on airport property	\$ 60,388
2260002001	Riverside Co. IFE	7/31/2016	Riverside County	Daryl Shippy	(951) 955-9418	Performed 2 IFE. One IFE will be for "Design Engineering for South Apron Pavement Rehabilitation" at French Valley Airport. The other will be for "Design Engineering Services for Taxiway D Pavement Reconstruction at Hemet-Ryan Airport	\$ 5,500
2013269006	Daytona Beach 7L-25R Markings	8/1/2016	Volusia County	Karen K. Feaster	386-248-8030	Design, CA and RPR to repaint Runway 7L-25R	\$ 29,996
2141882120	Duluth Sky Harbor Apron Phase 2 CA/RPR	8/1/2016	Duluth Airport Authority	Blaine A. Peterson	218-625-7767	Provided construction administration, RPR & FAA closeout services for Phase 2 of reconstruction of the aircraft apron	\$ 66,000
2240124002	Colorado Springs Term Apron Rehab CA/RPR	8/4/2016	City of Colorado Springs	Sam Schneider	719-550-1907	Construction Phase Services of Rehabilitation of Terminal Apron and Trench Drain, including apron edge taxilane, Year 1 of 5	\$ 914,012
2013055032	BQK N and E Apron CatEx	8/15/2016	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	This CATEx was approved by the FAA ATL ADO	\$ 27,041
2102820007	Bishop Obs Removal CatEx	8/19/2016	Bishop International Airport	Joseph Medici	254-298-5350	Assisted the Airport with the completion of a Documented Categorical Exclusion for the Project	\$ 40,420
2260001004	LAX Taxiway C14 PDB	8/19/2016	City of Los Angeles	Cynthia Guidry	(424) 646-7690	Prepare a project definition booklet for the Taxiway C14 project	\$ 207,842
2260008000	Burbank Replacement Terminal EIR	8/19/2016	Burbank-Glendale-Pasadena Airport Authority	Dan Feger	(818) 840-8840	Prepared an Environmental Impact Report (EIR) for the replacement terminal under the California Environmental Quality Act (CEQA).	\$ 1,191,865
2430001001	Runway 18-36/13-31 Intersection Reconstruction Project IFE	8/25/2016	City of Hammond	David L. Lobue	(985) 277-5688	Hammond N shore Runway Inters Recon IFE	\$ 4,300
2061967000	FLL New South Runway	9/1/2016	ATKINS North America, Inc.	Gasser Dougé	954-359-6973	Provided design, bidding, and construction phase services for the Airport Expansion Program (AEP) for the design of a new south Runway 10R-28L and associated taxiways	\$ 5,925,083
2061967000	FLL New South Runway	9/1/2016	ATKINS North America, Inc.	Gasser Dougé	954-359-6973	Design of a new south Runway 9R-27L	\$ 6,154,459
2183355153	Middle Bass RW Rehab - Design	9/1/2016	Put in Bay Township Port Authority	Patrick Myers	(419) 285-3371	Design and bidding services for the repair of the runway pavements including patching, crack sealing and remarking	\$ 25,000
2183355154	Middle Bass TW Apron Rehab	9/1/2016	Put in Bay Township Port Authority	Eric Engel	(419) 285-3371	The Projects consisted of the rehabilitation of taxiway and apron pavements	\$ 20,000
2263620001	Kern Co Airports Indep. Fee Estimate	9/1/2016	County of Kern Department of Airports	Ronald Brewster	(661) 391-1824	IFE were prepared for an EA for taxiway realignment	\$ 11,000
2186971008	Kelleys Island Rehab RW	9/6/2016	Village Board of Kelleys Island	Arden Cooper	(419) 746-2535	Design and bidding services for the rehabilitation of Runway 9-27	\$ 15,000
2180171002	Clinton County FY14 Airfield CA-RPR	9/8/2016	Clinton County	Melody Waldmann	(937) 725-1946	Construction phase services for the rehabilitation of runway pavement including transverse joint reconstruction in asphalt pavement sections, crack sealing, and pavement marking	\$ 62,210
2100003001	MBS RW 5-23 Crack Seal & Mark	9/9/2016	MBS International Airport Commission	Christopher Sieklucki	(989) 695-5555 ext 8	Project included over-band crack sealing the existing Runway 5-23 pavement, resurfacing the center 10' of the touchdown zones, and pavement grooving on Runway 5-23 (8,002'x150')	\$ 98,200
2060601006	FLL R/W 10L Pavement Repair	9/12/2016	Keith & Associates, Inc.	James A. Thiele	954-788-3400	General engineering services for the North Runway Pavement Restoration	\$ 21,705
2103063001	Detroit Taxiway W Prelim	9/12/2016	URS Corporation	Tom McCarthy	734 955 8882	Reconstruction of Taxiway W and Eastern Taxiways	\$ 285,290
2103063004	Detroit Taxiway W CA/RPR - Ph. 1	9/12/2016	URS Corporation	Anthony Sebastian	(734) 247-2768	Reconstruction of Taxiway W and Eastern Taxiways	\$ 726,963
2103063005	Detroit Taxiway W - Ph 2 Design	9/12/2016	URS Corporation	Tom McCarthy	734 955 8882	Reconstruction of Taxiway W and Eastern Taxiways	\$ 619,786
2103063006	Detroit Taxiway W Ph 2-Bid	9/12/2016	URS Corporation	Anthony Sebastian	(734) 247-2768	Reconstruction of Taxiway W and Eastern Taxiways	\$ 10,316
2103063007	Detroit Taxiway W CA/RPR - Ph 2	9/12/2016	URS Corporation	Mark A Hiller	(734) 247-1436	Provided design and construction phase services for the Rehabilitation of Taxiway W & S and associated taxiways	\$ 2,045,084
2010241009	Columbus GA Rwy 6-24 Seal Coat	9/13/2016	Columbus Airport Commission	Richard C. Howell	706-324-2449 x1410	This project included crack sealing, P-608 seal coating, and full remarking of the runway	\$ 88,384
2240087000	Spokane Air Cargo Apron Expansion Planning Study	9/15/2016	Spokane Airport Board	Matt Breen	(509) 455-6413	Evaluated the existing air cargo apron located north of the terminal	\$ 32,824
2123672018	HAS EnvGC IAH NEPA Near-Term	9/16/2016	City of Houston - Houston Airport System (HAS)	Carlos Ortiz	213-233-1842	NEPA Documentation for four near term projects including expansion of the rental car center, development of a cell phone parking area, reconstruction taxiways SA and SB, and construction of Deicing Pads and associated stormwater management facilities	\$ 106,647
3020012000	Vital Link Edwards AFB Test Stand	9/19/2016	Vital Link, Inc.	Pat Anderson	(979) 885-4181	Design of new concrete thrust block, new concrete apron, Big Top Cover tie down, in-ground lift platform specification and installation plan, fuel/water storage system and installation drawing, new support saddles for fuel tanks	\$ 141,215
2240959033	Boise TW B Ext CA-RPR	9/30/2016	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Construction Phase Services that will be provided including: CA, full time On-Site Representation, and Final FAA Construction Report/Record Drawings.	\$ 285,945
2270247003	Amarillo Taxiway C Reconstruction	9/30/2016	City of Amarillo	Sara Freese	806.335.1671	Taxiway C Reconstruction	\$ 276,100
2130282000	IAA MP PHIII SRE & MSSP	10/1/2016	Indianapolis Airport Authority (IAA)	Susan Zellers	317.487.5130	Identified a preferred site for the development of a new airfield maintenance facility complex to replace the current facility located in the northeast portion of the airport	\$ 221,172

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2149554025	Sioux City Runway 17 35 CATEX	10/1/2016	City of Sioux City	Michael Collett	(712) 279-6165	Design and bidding services for the reconstruction and shift of Runway 17-35	\$ 8,551
2150001000	Austin Ascend Mediation	10/1/2016	City of Austin	Shane Harbinson	(512) 530-6652	Provided expert witness services	\$ 25,000
2241710001	Denver Construct Gates B13 and B14	10/27/2016	City and County of Denver	Brent Nichols	(303) 342-2656	Design of two new aircraft parking positions on the west end of Concourse B for Gates B13 and B14	\$ 763,822
2010241008	Columbus GA Rwy 13-31 Rehab	10/28/2016	Columbus Airport Commission	Richard C. Howell	706-324-2449 x1410	Runway 13-31 Rehabilitation	\$ 219,513
2230009007	EL Paso P&F GC-Marking Plan	10/29/2016	City of El Paso, TX	Monica Lombrana	915-212-7301	Provided previous electronic files of the last version of the Plan; and complete necessary updates for FAA submittal and review	\$ 6,950
2100006000	MBS Airfield Doc CatEx	10/31/2016	MBS International Airport Commission	Jeff Nagel	989-695-5555 x8	Completed a CATEX for the rehabilitation of the general aviation and corporate apron pavement	\$ 10,500
2123678000	San Antonio Stinson Runway 14-32 CA	10/31/2016	Texas Department of Transportation, Aviation Division (TxDOT)	Stephanie Kleiber	(512) 416-4524	Providing CA services for the rehabilitation of Runway 14/32 and Taxiway A, replacement of runway and taxiway lighting with new LED fixtures, and reconfiguration of airfield taxiway geometry to conform with FAA AC 150/5300-13 Change 1	\$ 305,601
2220003000	Manassas 34R MALSF Final Design	11/1/2016	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Designing a Medium Intensity Approach lighting System with Sequenced Flashers for Runway 34R	\$ 74,181
2260003001	Colombia-El Dorado-NFPA Analysis	11/4/2016	Consorcio Constructor El Nuevo Dorado	Andrea Castellanos	(571) 439-7070	Project performed an analysis per NFPA standards of various elements of the passenger terminal building and the apron	\$ 16,500
2031169010	Jacksonville NC Terminal Program RPR (Terminal, Apron and Landside Roadway)	11/7/2016	Onslow County	Christopher H. White	910 -989-3162	Provided RPR services associated with the construction of a new 58,000-sq-ft passenger terminal, T-hanger relocation, new parking apron and connector taxiway, new terminal access road, temporary rental car service center, and apron rehabilitation	\$ 941,637
2132859004	Williamson County CA RPR	11/11/2016	Williamson County Airport Authority	Doug Kimmel	(618) 993-3353	CA / RPR Services for a two phase \$15,000,000 terminal projected funded thru local, PFC, entitlement and discretionary	\$ 691,940
2103584002	Detroit RW 4L CA	11/15/2016	Wayne County Airport Authority	Jack Deter		Runway 4L Fence CA and RPR Services	\$ 183,000
2031169018	Jacksonville NC Apron Rehab CA	11/19/2016	Onslow County	Christopher H. White	910 -989-3162	Concrete apron design and construction	\$ 145,566
2100002000	Monroe Parking Lot Rehabilitation	11/30/2016	City of Monroe, Michigan	Patrick Lewis	734-384-9126	Monroe Taxiway Rehab	\$ 21,200
2233267020	SAT GA FIS TWY Apron CA	11/30/2016	City of San Antonio	Diane Cook	210-207-3591	GA Federal Inspection Station Design and Construction Services	\$ 231,326
2270002000	Abilene Regional IFE	11/30/2016	City of Abilene	Don V. Green	(325) 676-6061	IFE review for two Garver proposals for FY2016 AIP projects: Master Plan and Multiple Taxiways Seal Coat Project Design	\$ 9,854
2100007000	Sparta Obstruction Clearing	12/1/2016	Village of Sparta	Julius Suchy	(616) 887-8251	Runway obstruction survey. Included aerial survey services	\$ 14,000
2253543006	Salt lake Concourse B Joint Repair - Ph2	12/1/2016	Salt Lake City Department of Airports	Mark Carlton	(801) 575-2400	Concourse B Apron PCC Pavement Joint and Seal and Repair	\$ 61,456
2030003002	CLT EIS Overall Scope Review and IFE	12/9/2016	City of Charlotte - Aviation Department	Kathy Dennis	(704) 359-4840	Complete an IFE for the 4th parallel runway and associated improvements Environmental Impact Statement	\$ 9,900
2010241015	Columbus GA RWY 13-31 CA & RPR	12/12/2016	Columbus Airport Commission	Richard C. Howell	706-324-2449 x1410	Runway 13-31 CA and RPR Services	\$ 159,108
2010241017	Columbus GA RWY 13-31 CA & RPR Supplement	12/12/2016	Columbus Airport Commission	Richard C. Howell	706-324-2449 x1410	Supplemental RPR Services (Hourly Rate Only) for CSG Runway 13-31 Rehabilitation	\$ 10,068
2180818020	Toledo Executive - Construct TW A Phase 2 - CA/RPR	12/12/2016	Toledo Lucas County Port Authority	Paul L. Toth	419-865-2351	Project included design and construction administration services for the construction of a new taxiway extension to the primary runway	\$ 116,612
2180818021	Toledo Express Rehab TW B Ph 1 - CA/RPR	12/12/2016	Toledo Lucas County Port Authority	Paul L. Toth	419-865-2351	Project included design and CA services for the rehabilitation of two sections of parallel and associated connector taxiways	\$ 166,000
2180818022	Toledo Express Rehab TW B Ph 2 - CA/RPR	12/12/2016	Toledo Lucas County Port Authority	Paul L. Toth	419-865-2351	Project included design and CA services for the rehabilitation of two sections of parallel and associated connector taxiways	\$ 178,027
2039661008	Ashville Runway Program Management	12/31/2016	Greater Asheville Regional Airport Authority	Michael A. Reisman	828-684-2226	Phase 1 of the runway re-development program consisted of producing the program development document for the runway program	\$ 447,983
2103512000	Hillsdale Parallel Taxiway - Phase 1	12/31/2016	City of Hillsdale	David E Mackie	(517) 437-6444	Project included construction of a new 2,500-ft by 35-ft-wide partial parallel taxiway to Runway 10/28 and new airport entrance road	\$ 83,500
2122608004	Bentonville NW Arkansas Apron Expansion	12/31/2016	Northwest Arkansas Regional Airport Authority	Barbara E. Busiek	(479) 205-1435	Designed a 11,500-sq-yd expansion to the existing concrete apron pavement, which included 50,000 cubic yards of embankment, 330 feet of 7-ft by 7-ft reinforced concrete box culvert, and 810 sq yd of paved concrete drainage swales	\$ 658,551
2260001005	LAX Taxiway C Extension	12/31/2016	City of Los Angeles	Robert Falcon	(424) 646-5848	Taxiway C Extension	\$ 72,154
2422440011	SJO Taxiway B/C Expansion	1/1/2017	AERIS Holding Costa Rica S.A.	Eduardo Chamberlain	(506) 437-2400	Taxiway B and C Expansion	\$ 211,000
2183230020	Columbus CMH Concrete Joint Repair Ph.4	1/15/2017	Columbus Regional Airport Authority	David Gotschall	(614)239-3334	Task Order No.20 - Phase 4 of concrete apron joint replacement and pavement repair	\$ 31,555
2183230021	Columbus CMH Apron Fire Break Rep.	1/15/2017	Columbus Regional Airport Authority	David Gotschall	(614)239-3334	Project closed after final deliverables to client	\$ 30,842
2230003003	Lubbock E Ramp Reconstruction Area A	1/23/2017	City of Lubbock	Stephan P. Nicholson	(806) 775-2036	This Opportunity involves a study to recommend rehabilitation alternatives to the GA apron	\$ 43,644
2230003004	Lubbock E Ramp Reconstruction Area B	1/23/2017	City of Lubbock	Stephan P. Nicholson	(806) 775-2036	planning study to determine tie-down configurations for the best use of the site, considering the potential closure of Runway 17L-35R	\$ 26,295
2013055035	Brunswick-SSI Airfield Elec Design	1/27/2017	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Design services for Airfield Signage Improvements, Supplemental wind sock, taxiway edge lights	\$ 94,649
2141144013	Hibbing Terminal CA Services	1/31/2017	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Provided CA Services for the new passenger terminal; The project consisted of a new 20,000 sq-ft terminal, new passenger boarding bridge, partial aircraft apron replacement and new passenger drop off and pickup areas	\$ 725,000
2018389003	Fort Myers - RW 6R-24L Site Prep - Desig	2/1/2017	AECOM, Inc.	Mark Fisher	239-590-4600	Completed engineering and design services for airfield civil items associated with the new runway program as well as design and permitting of all major drainage elements of the runway program, which included the subgrade preparation and embankment necessary for paving operations (excluding actual paved surfaces)	\$ 2,308,130
2012275036	JAA - JIA Taxiway G/G1 Reconstruction	2/6/2017	Jacksonville Aviation Authority	J. Derek Powder	(904) 741-2225	Design and construction phase services for the rehabilitation of Taxiway G/G1 and apron pavements	\$ 188,220
3230004000	Barksdale Repair South Runway Overrun	2/18/2017	Hernandez Consulting & Construction	Jimmy Wingerter	(504) 305-8571	This project provides all design and construction necessary to make repairs to the paved South Overrun	\$ 188,763
2013055033	Brunswick-SSI 16-34 Rehab P1 CA & RPR	2/21/2017	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Provided CA and inspection services for Phase 1 of Runway 16-34 Rehabilitation program	\$ 96,654
2013055037	Brunswick SSI 16-34 P2 & Air Elec CA/RPR	2/21/2017	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Provided CA and inspection services for Phase 2 of Runway 16-34 Rehabilitation program	\$ 103,791

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2259586018	Salt Lake TW S Pavement Recon	2/27/2017	Salt Lake City Department of Airports	Michael Widdison	801 575-2027	Performed CA for the reconstruction of the Taxiway S outside PCC panels and the bituminous asphalt shoulder pavement	\$ 283,190
2233267009	San Antonio TWY RC Extension	2/28/2017	City of San Antonio	Susan St. Cyr	210-207-3559	RPR services only for Taxiway RC extension only	\$ 108,120
2260001007	LAX North Airfield Overview	2/28/2017	City of Los Angeles	Robert Falcon	(424) 646-5848	Provided facilitation services for a Safety Risk Management panel associated with the design and construction of the Runway 6R-24L Runway Safety Area improvement project	\$ 23,853
2262332020	San Luis Obispo RW 11-29 Rehab & Marking	2/28/2017	San Luis Obispo County	Craig A Piper	805 781 4376	Runway 11-29 Rehabilitation and Airfield Pavement Markings	\$ 63,360
2060821041	FLL 2014 Obst. RW 10R-28L	3/1/2017	Broward County Aviation Department	Richard Pereira	954-359-1086	Provided services to obtain new aerial photography, identify and verify airspace obstructions	\$ 200,000
2140001001	Duluth Zoning Exhibits and Survey	3/1/2017	Duluth Airport Authority	Thomas J Werner	(218) 625-7766	Provided zoning exhibits & survey for the Duluth Airport Authority as requested for the preliminary Runway 3-21 Airport Zoning update	\$ 8,500
2141144016	Hibbing Apron Reconstruction CA/RPR	3/1/2017	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Provided CA/RPR Services for the Reconstruction of the terminal apron.	\$ 364,334
2145675018	Grand Marais RW Ext. & Widening Design	3/1/2017	Cook County, MN	Rodney Roy	218-387-3024	Provided Design and Bidding Services for the 800' runway extension and 25' widening of Runway 9-27	\$ 419,000
2233267047	SAT IFE ASP Impl TSA OTA Design	3/1/2017	City of San Antonio	Debbie Drew	210.207.3896	Project consisted of a third party review of project scope and fee proposal of a security camera installation project	\$ 13,855
2060601009	FLL North Runway Emergency Repairs	3/3/2017	Keith & Associates, Inc.	James A. Thiele	954-788-3400	Project consisted of the general engineering and RPR services for the North Runway Emergency (FedEx crash) Pavement Repair	\$ 19,746
2260004004	Stockton GA Apron Rehab Design	3/17/2017	San Joaquin County	Ronald K. Elliott	(209) 468-4707	Design rehabilitation of GA apron 55K sq. yd. of asphalt pavement	\$ 298,000
2060601003	FLL R/W 10R-28L Stimnt Monitor	3/23/2017	Keith & Associates, Inc.	James A. Thiele	954-788-3400	Project from the Utilities GEC. Project is for the investigation and making recommendations of long-term monitoring the South Runway abutment and MSE walls to determine if there are ever movements or cracking that will need to be addressed	\$ 37,052
2130823003	Chicago O'Hare Taxiway Z/J	3/31/2017	Chicago Aviation Runway Designers	Michelle Cecchin	(773) 462-7510	Led the design and development of construction documents for two new taxiways connecting to the approach end of the future Runway 9R extension	\$ 149,058
2260001008	LAWA VNY Certified Arborist	3/31/2017	City of Los Angeles	Robert Falcon	(424) 646-5848	Provided a certified arborist to inspect about 200 trees identified as penetrating the VNY Runway 16R Departure Surface	\$ 29,213
2270007000	Shreveport RW Extension EA	3/31/2017	Cothren, Graff Smoak Engineering, Inc.	Randal K. Smoak	(318) 687-3732	Shreveport Runway and Paralell Taxiways Extension EA	\$ 66,955
2042187113	Tampa Airfield and Rdwy Pymnt Rehab FY15	4/7/2017	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	The project consists of airport roadway and airfield pavement replacement and rehabilitation	\$ 124,122
2040001036	Tampa Taxiway A Estimate	4/17/2017	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Tampa Taxiway A Estimate	\$ 9,715
2030024000	RDU RW 5L-23R LOI & BCA IFE	4/20/2017	Raleigh-Durham Airport Authority	William C. Sandifer	(919) 840-7003	Prepared IFE for the development of a Letter of Intent (LOI) application and for a Benefit Costs Analysis (BCA) for the rehabilitation of Runway 5L-23R	\$ 8,000
2260016000	OAK Rwy 12-30 Rehab SRM panel	4/21/2017	Port of Oakland	Barry MacDonnell	(510) 627-1383	Safety Risk Management Panel associated with the rehabilitation of Runway 12-30 and simultaneous use of a parallel taxiway as a temporary runway	\$ 52,527
2320002000	Wilkes-Barre Master Plan	4/25/2017	McFarland-Johnson, Inc.	John Brown	(518) 439-9147	Provided a forecast analysis of aeronautical activity as part of a team of consultants updating the Airport's Master Plan and Airport Layout Plan Update	\$ 59,251
2180818025	Toledo Exec Const PAPI CA-RPR	5/1/2017	Toledo Lucas County Port Authority	Paul L. Toth	419-865-2351	CA and RPR services associated with the construction of the precision approach path indicator (PAPI) system improvements	\$ 26,000
2243685000	Seattle Gate/Movement Planning IDIQ	5/1/2017	Port of Seattle	Thomas Hooper	(206) 787-5588	Providing on-call planning services	\$ 194,992
2260001011	LAX RW 25R - 90% Planning	5/8/2017	City of Los Angeles	Robert Falcon	(424) 646-5848	This project included the re-packaging and re-phasing of Runway 25R reconstruction and the completion of TW B-17 construction	\$ 158,867
3011707001	Boeing Big Top Hangar Drainage study	5/10/2017	The Boeing Company	Dylan S Gidado	301-170-7001	Provided short and medium term recommendations to mitigate hangar flooding	\$ 3,950
2240124006	Colorado Springs TW MNP Recon	5/15/2017	City of Colorado Springs	Christopher Touch	7195501964	Removal and replacement of Taxiway N and Taxiway P, and the rehabilitation of a portion of Taxiway H	\$ 471,095
2260001009	LAX Maintenance Site Survey	5/15/2017	City of Los Angeles	Robert Falcon	(424) 646-5848	Re-selected for a second term to provide LAWA on-call airside and landside planning and related services for 3-years	\$ 37,209
2183355155	Middle Bass RW Rehab CA/ RPR	5/20/2017	Put in Bay Township Port Authority	Eric Engel	(419) 285-3371	Project included construction services for the repair of the runway pavements including patching, crack sealing, and remarking	\$ 34,000
2183355156	Middle Bass TW and Apron Rehab CA/RPR	5/20/2017	Put in Bay Township Port Authority	Eric Engel	(419) 285-3371	Design and bidding services for pavement repair including patching, crack seal and remarking of taxiway and apron pavements	\$ 35,000
2150147023	Austin RCCF Environmental Compliance	5/26/2017	City of Austin	Janice White	512.530.6388	Apron Expansion and Demolition of RCCF Complex	\$ 46,231
2123672052	HAS EnvGC HOU Hot Spot NEPA	5/31/2017	City of Houston - Houston Airport System (HAS)	Carlos Ortiz	213-233-1842	Prepare a simple letter Categorical Exclusion (CATEX) for runway and taxiway modifications proposed to eliminate potential runway incursion hot spots identified by FAA	\$ 9,000
2240020001	Spokane RW 7-25 Justification Analysis	6/12/2017	Spokane Airport Board	Matt Breen	(509) 455-6413	Provided an analysis to justify support for federal funding of a secondary runway	\$ 16,000
2103616001	Charlevoix Runway 9-27 Rehab	6/13/2017	City of Charlevoix	Matt Wyman	(231) 547-3605	As part of the 5 year GC, runway friction improvement, lighting rehab and PCN determination	\$ 192,400
2263335002	Burbank Runway Shoulder - Construction	6/15/2017	Burbank-Glendale-Pasadena Airport Authority	Karen Sepulveda	818-729-3508	Design of the rehabilitation of Runway 8-26 and 15-33 shoulders	\$ 199,794
2430004004	Lafayette Pavement Management	6/16/2017	Lafayette Airport Commission	Daniel S. Elsea	(337) 266-4401	Project includes airfield pavement assessment services in order to determine and assign PCI numbers for airfield pavements. Development of a PMP in accordance with FAA Advisory Circulars, PCN for identified Runways and Taxiways B and J	\$ 188,934
2261738002	LAX TW H Pavement Evaluation	6/18/2017	City of Los Angeles	Mark Vicolja	(310) 646-7553	Prepare a memorandum to evaluate bituminous pavement vs. Portland cement concrete pavement for Taxiway H	\$ 3,567
2040001001	Tampa RW Noise Modeling	6/26/2017	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Noise modeling for the Runway 1R end	\$ 47,440
2183230023	Columbus CMH Joints Phase 5	6/28/2017	Columbus Regional Airport Authority	Raymond Fridley	(614) 239-3040	Responsible for providing design, bidding, and construction phase services	\$ 29,995
2042187112	Runway 1L Perimeter Intrusion Detection	6/30/2017	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Tampa New Security Fence	\$ 167,936
2233267053	SAT GA FIS Pavement Markings	6/30/2017	City of San Antonio	Dennis D. Fiemeyer	210-207-3401	The project consisted of an analysis of aircraft movements and parking position layout for the new GA FIS facility located on the north side of the airfield	\$ 15,459

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2240032001	DEN CEP-Program Validation-CB	6/30/2017	Jacobs Engineering Group, Inc.	Amy Gaddis	303-771-0900	Responsible for the evaluation of existing and proposed water and sanitary utilities and capacities for the Concourse B West expansions	\$ 13,388
2240032002	DEN-CEP-Program Validation-CC	6/30/2017	Jacobs Engineering Group, Inc.	Amy Gaddis	303-771-0900	Responsible for the evaluation of existing and proposed water and sanitary utilities and capacities for the Concourse C East expansions	\$ 41,174
2260001010	LAX N. Airfield Exit TWs PDB	6/30/2017	City of Los Angeles	Robert Falcon	(424) 646-5848	Developing the design and bid documents, procuring a contractor, and managing necessary construction activities	\$ 393,600
2261738001	LAWA RW 25R Reconstruction Project	6/30/2017	City of Los Angeles	Mark Vicelja	(310) 646-7553	Prepare design documents for the new north south taxiway C14 located west of existing Taxiway R	\$ 380,000
2262440011	SJO PCI Analysis 2016	7/1/2017	AERIS Holding Costa Rica S.A.	Eduardo Chamberlain	(506) 437-2400	Perform a PCI analysis of the existing runway and remote apron	\$ 49,500
2233267026	Stinson Add Obstruction Survey	7/6/2017	City of San Antonio	Morris Martin	(210) 923-4357	Project consisted of identification and survey of runway threshold surface tree obstructions	\$ 35,115
2183230019	Columbus LCK 5R ALSF-2 Rehab	7/18/2017	Columbus Regional Airport Authority	Joe Herrmann	(614) 239-4008	Rehabilitation of Runway 5R ALSF-2 System	\$ 58,314
2251754001	South Valley RW 16-34 CA & RPR	7/20/2017	Salt Lake City Department of Airports	James Barron	(801) 575-2400	Runway 16-34 and Taxiway A Rehabilitation CA and RPR Services	\$ 110,107
2260004006	SCK GA Apron Rehab Design P2	7/21/2017	San Joaquin County	Ronald K. Elliott	(209) 468-4707	Phase 2 design of a 50,000 sq ft general aviation apron; The project includes removal and replacement of the asphalt pavement section, storm drain system, apron lighting, and concrete structures	\$ 34,200
2260004008	SCK TWs B, D, Cargo Rehab Design	7/21/2017	San Joaquin County	Ronald K. Elliott	(209) 468-4707	Taxiways B East and West, D West, D7, D9 and Cargo Apron Rehabilitation - Categorical Exclusion Preparation	\$ 74,425
2183230027	Columbus TZR Runway 4 MALSR	7/27/2017	Columbus Regional Airport Authority	Bart Powell	614 239-3025	Providing all electrical design services	\$ 71,294
2420002003	El Salvador General Advisory Services	8/10/2017	Leonel Aviles & Asociados	Edgar Aviles	(503) 252-6740 0	Planning and architectural advisory support services to local firm responsible for the design of an eleven-gate expansion of the passenger terminal and aircraft parking apron	\$ 17,000
2040001029	Tampa F Sort Facility Drainage	8/14/2017	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Project included the removal and replacement of existing trench drains located at the Airside F Baggage Handling Facility	\$ 53,400
2270247015	Amarillo Isolated Apron Panel Replacemen	8/14/2017	City of Amarillo	Tyler Hurst	806-335-1671	Isolated Apron Panel Replacement	\$ 124,500
2120005001	Conroe AVN RIM Analysis	8/15/2017	Texas Department of Transportation, Aviation Division (TxDOT)	Greg Miller	(512) 416-4525	Runway Incursion Mitigation (RIM) analysis	\$ 21,830
2120006001	Galveston AVN RIM Analysis	8/15/2017	Texas Department of Transportation, Aviation Division (TxDOT)	Greg Miller	(512) 416-4525	Due to the number of runway incursions, the FAA required a study be performed to identify geometric conditions that are the likely contributing factors; Runway safety data was analyzed along with the existing pavement geometry; Wide expanses of pavement and construction activities were found to be the primary causes of the RIs; The final report recommended pavement geometry reconfiguration and implementation of construction training programs	\$ 17,010
2270001001	Addison AVN RIM Analysis	8/25/2017	Texas Department of Transportation, Aviation Division (TxDOT)	Greg Miller	(512) 416-4525	Study to determine the geometric conditions that may contribute to runway incursions; With noncompliant runway to taxiway separation, creative solutions were developed such as informational signage, holding position modifications, pavement geometry reconfiguration, and a west parallel taxiway to improve geometric conditions and pilot's situational awareness; Implementation costs and schedules were prepared for upcoming FAA CIP funding	\$ 37,347
2149554030	Sioux City Arresting System Upgrade	8/27/2017	City of Sioux City	John Backer	712-279-6165 ext 1	Runway 13-31 Arresting System Upgrade	\$ 24,300
2220003002	Manassas West Aprn Rehab Ph1	8/29/2017	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Rehab of west apron (middle of west side), also includes fillet removal; design - 2016; construction - 2017; revenue includes Design, CA and RPR	\$ 204,778
2253543007	South Valley RW 16-34 Rehab	9/1/2017	Salt Lake City Department of Airports	Bob Bailey	(801) 575-2962	Runway 16-34 and Taxiway A Pavement Rehabilitation	\$ 309,247
2040001047	Tampa Apron Roadway Study	9/8/2017	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Project includes a study to determine the ability to provide a marked service road on the aprons	\$ 18,093
2240001005	Eugene TW A Rehab-PH I	9/19/2017	The City of Eugene, Oregon	Daniel Durazo	(541) 682-5883	RS&H completed design, reviewed project plans and specifications, developed an engineer's report and cost estimate, and provided review comments for rehabilitation and reconstruction of Taxiways A and A9	\$ 397,491
2270024000	Longview ETRA 2017 Taxilane IFE	9/21/2017	Gregg County, Texas	Roy Miller	(903) 643-3031	Longview ETRA 2017 Taxilane IFE	\$ 4,700
2010241012	Columbus GA Rwy 13-31 Obs P2	9/23/2017	Columbus Airport Commission	Richard C. Howell	706-324-2449 x1410	NEPA documentation (Documented CatEx) and initial Public Outreach Meeting. This project will occur parallel with the Phase 2 work for Runway 6-24, which is an AIP-funded program	\$ 44,970
2010241011	Columbus GA Rwy 6-24 Obs P2	9/25/2017	Columbus Airport Commission	Richard C. Howell	706-324-2449 x1410	Task A includes preparation of environmental clearance documents required by the NEPA. Task B includes initial public outreach activities to be performed as precursor to the development of aviation easements and the physical mitigation of obstructions which will occur in future phases of the Runway 6-24 Obstruction Mitigation program	\$ 72,109
2060601004	FLL N Rwy PAPI Regrade	9/29/2017	Keith & Associates, Inc.	James A. Thiele	954-788-3400	North Runway PAPI Regrading	\$ 12,283
2149554031	Sioux City Arresting System Upgrades CA	10/1/2017	City of Sioux City	John Backer	712-279-6165 ext 1	Provided construction services for the upgrade of the Aircraft Arresting Systems on Runway 13-31	\$ 24,535
2240014001	Juneau RIM Planning Study	10/1/2017	PDC Engineers	Angela M. Smith	907.452.1414	Prepared a Runway Incursion Mitigation (RIM) Program and reviewed the Construction Safety and Phasing Plan (CSPP) in accordance with current FAA orders and advisory circulars	\$ 156,845
2250002001	Delta Maintenance Hangar Ramp Recon	10/1/2017	Delta Air Lines, Inc.	Thom Lang	(404) 626-6427	Prepare construction plans & technical specifications for replacement of the existing ramp pavement at the Delta Maintenance Hangar	\$ 591,519
2260004005	Stockton GA Apron Rehab - Construction	10/9/2017	San Joaquin County	Ronald K. Elliott	(209) 468-4707	Construction phase of GA Apron Rehab	\$ 237,394
2240001003	Eugene TW A Rehab NEPA Documentation	10/17/2017	The City of Eugene, Oregon	Michael Paterson	541-682-5063	This project included NEPA documentation for the Taxiway A Rehabilitation Project – Phase I	\$ 37,946
2230003005	Lubbock East GA Ramp Rehabilitation	10/18/2017	City of Lubbock	Stephan P. Nicholson	(806) 775-2036	The East General Aviation Ramp project included the reconstruction of 23,349 square yards of the ramp, including a new in-place cement treated base course and an asphalt surface course	\$ 145,449
2040001038	Tampa MRO Site Study	10/20/2017	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	MRO Hangar Taxiway Site Development Study and Project Management Plan Development Assistance	\$ 45,272
2260007001	Burbank RW 8-26 Construction	10/20/2017	Burbank-Glendale-Pasadena Airport Authority	Karen Sepulveda	818-729-3508	Construction services for the rehabilitation of Runway 8-26 at Bob Hope Airport	\$ 875,782
2240010001	CO Springs Western Cutter FBO Site Desig	10/30/2017	Lone Western Star Development, LLC	Cindy Gettig	(281) 853-9767	Completed civil design for the development of one of two 60,000-sq-ft hangars located	\$ 162,793
2240001007	Eugene TW A Rehab PH I CA/RPR	10/31/2017	The City of Eugene, Oregon	Daniel Durazo	(541) 682-5883	Taxiway A Rehabilitation CA/Observation Services	\$ 577,259
2262440009	SJO Remote Apron Expansion	10/31/2017	AERIS Holding Costa Rica S.A.	Eduardo Chamberlain	(506) 437-2400	Remote Apron Expansion	\$ 501,900

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2422440012	SJO Domestic Apron & ATCT Elevator	10/31/2017	AERIS Holding Costa Rica S.A.	Eduardo Chamberlain	(506) 437-2400	Project consisted of design, CA and RPR services, design of the apron geometry, pavement design, pavement markings, grading, drainage, apron lighting & signage	\$ 372,000
2180001004	Cleveland FIS Concept Plan	11/3/2017	City of Cleveland	Shannon A Barnhart	(216) 265-3353	On-call planning consultant for the CAS over the period of 2013-2017	\$ 18,476
2103616002	Charlevoix Taxiway A	11/9/2017	City of Charlevoix	Matt Wyman	(231) 547-3605	Taxiway A Pavement and Lighting Rehabilitation	\$ 224,400
2122789018	Ellington Airport Runway Stopway Rehab	11/17/2017	City of Houston - Houston Airport System (HAS)	Lorna Clark	281-233-1967	Designed the rehabilitation of 16,500 sq yd of an existing bituminous paved safety area	\$ 134,427
2122789021	Houston Ellington Txyw D Shldr Rehab	11/17/2017	City of Houston - Houston Airport System (HAS)	Lorna Clark	281-233-1967	Taxiway D Shoulders and T-Hangar Pavement Rehabilitation	\$ 78,810
2260012001	PHX Crossfield TW Definition Study	11/24/2017	City of Phoenix	Randy A. Payne	602-273-2058	This is a study and definition for two crossfield taxiways	\$ 329,675
2250005002	Boise Future Cargo Site Planning Study	12/4/2017	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Developed and evaluated seven options to develop cargo facilities along a newly constructed taxiway	\$ 22,700
2141144021	Runway 13-31 Lighting & NAVAID Replace	12/5/2017	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Provided Design and Bidding Services for the replacement of the Runway 13-31 Runway Lighting, Taxiway C Lighting, Runway 13-31 PAPIs, runway 13-31 Distance Remaining Signs, and Beacon	\$ 119,000
2220002001	Newport News Perimeter Road CatEx	12/5/2017	Peninsula Airport Commission	Ken Spirito	757-877-0221 x224	Developing an EA for the Peninsula Airport Commission's proposal to improve a perimeter road around the Airport Runway 2 and 7 ends in order to improve airport safety	\$ 69,788
1133273000	Wadsworth & Lewis	12/29/2017	Lake County Division of Transportation	Thomas Somodji	(847) 377-7400	Provided Phase I preliminary engineering study services for intersection improvements	\$ 393,619
2042187043	Tampa - Struct & Pmnt Insp FY 13 (TW B Bridge)	12/31/2017	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Provided an analysis of the issues contributing to the observed failures, provided professional opinions to the owner and assisted with resolution of legal claims associated with the failures	\$ 288,476
2060611001	FXE Sheltair Development	12/31/2017	Keith & Associates, Inc.	James A. Thiele	954-788-3400	Professional engineering services to modify an existing aircraft parking apron to meet current geometry and lighting standards per FAA Advisory Circular 150/5300-13A, Change 1	\$ 16,368
2100289002	Lansing TW Turning Improv Ph 1A	12/31/2017	Capital Region Airport Authority	Jonathon Vrabel	(517) 886-3712	Project included the construction of a new PCC connector taxiway from the main terminal apron to a parallel taxiway, as well as the widening of an existing taxiway to accommodate Taxiway Design Group 5 cargo aircraft	\$ 418,482
2010241019	Columbus GA Rwy 6 RSA NEPA+Floodway	1/1/2018	Columbus Airport Commission	Richard C. Howell	706-324-2449 x1410	Development of environmental approvals required under the NEPA	\$ 93,135
2240010002	Colorado Springs Western SNC Hangar	1/1/2018	Lone Western Star Development, LLC	Cindy Gettig	(281) 853-9767	Responsible for the design of all utilities (water, sanitary), coordination with Colorado Springs Utilities for the gas and electric, site drainage, parking lot, and also the taxilane to access the hangar	\$ 226,921
2103512001	Hillsdale New Apron Design	1/12/2018	City of Hillsdale	David E Mackie	(517) 437-6444	New Apron for future terminal building	\$ 164,600
2250005006	Boise UPS K-Loader Pad	1/13/2018	City of Boise / Aviation Department	Jill Singer	208-383-3110	Designed Concrete pads for K-loader operations that had rutted the asphalt apron in hot weather	\$ 15,185
2240001008	EUG TW A - PH II - Pre-design	1/15/2018	The City of Eugene, Oregon	Daniel Durazo	(541) 682-5883	Taxiway A Rehabilitation, Survey and Geotechnical Explorations	\$ 67,300
2260004013	Stockton TW B Extension CatEx	1/18/2018	San Joaquin County	Ronald K. Elliott	(209) 468-4707	Taxiway B Extension Categorical Exclusion	\$ 12,145
2260004014	Stockton Terminal Apron Infill CatEx	1/18/2018	San Joaquin County	Ronald K. Elliott	(209) 468-4707	Prepare a concise description of the proposed action based on the Airport's ALP and ACIP	\$ 12,145
2013269009	Daytona Runway 7L Keel Section	2/1/2018	Volusia County	Karen K. Feaster	386-248-8030	Runway 7L Keel Section	\$ 5,103
2260007000	Burbank RW 8-26 and 15-33 Rehab	2/1/2018	Burbank-Glendale-Pasadena Airport Authority	Karen Sepulveda	818-729-3508	Runway 8-26 and Runway 15-33 Rehabilitation Design Services	\$ 1,085,770
2260007002	Burbank RW 8-26 EMAS CA Services	2/9/2018	Burbank-Glendale-Pasadena Airport Authority	Karen Sepulveda	818-729-3508	Runway 8-26 Engineered Materials Arresting Systems CA Services	\$ 118,129
2060601012	FLL S Rwy Bridge Inspections	2/13/2018	Keith & Associates, Inc.	James A. Thiele	954-788-3400	South Runway Bridge Inspection	\$ 135,043
2253543011	Salt Lake FY 16 Joint Repair	2/17/2018	Salt Lake City Department of Airports	Mark Carlton	(801) 575-2400	PCC Pavement Joint Seals Program - Taxiways G and H	\$ 49,350
2040001057	Tampa 1L Localizer Study	2/28/2018	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Runway 1L Localizer Study	\$ 14,549
2180171003	Clinton County FY16 Drainage Improvement	2/28/2018	Clinton County	Melody Waldmann	(937) 725-1946	Provided design & bid phase services to improve airfield drainage	\$ 41,192
2180010000	Toledo Express Terminal Apron Rehab	3/9/2018	Toledo Lucas County Port Authority	Stephen L. Arnold	419-865-2351	Project included design and bidding services for the rehabilitation of the terminal apron pavements	\$ 36,000
2181731010	Kelleys Island Apron Rehab CA/RPR	3/9/2018	Village Board of Kelleys Island	Arden Cooper	(419) 746-2535	Project responsibilities included the rehabilitation design of apron pavement including bituminous asphalt paving, crack treatment, and pavement marking, pavement geometry improvements, and development of construction documents	\$ 17,525
2010044000	DAB Taxiway S CA/RPR	3/15/2018	Volusia County	Karen K. Feaster	386-248-8030	Taxiway Sierra CA and RPR Services	\$ 162,247
2141144015	Hibbing Midwest Hangar	3/15/2018	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Provided Design and Bidding Services for a new 16,200 SF hangar (Painting and Detailing of Aircraft) and Apron & access road	\$ 195,000
2141735000	Hibbing Taxiway B,C,D Rehab Design	3/15/2018	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Designed the rehabilitation of Taxiways C, B, D, and Runway 13-31 lighting	\$ 431,520
2261738005	LAWA LAX Twy C14 Prelim Design Expenses	3/15/2018	City of Los Angeles	Goran Lazarevic	(424) 646-5870	New Crossfield Taxiway P Preliminary 60% Design Services	\$ 35,000
2030016002	Albert Ellis Airfield Lighting Imprmnt	3/21/2018	Onslow County	Christopher H. White	910 -989-3162	Replacement of existing runway and taxiway edge lights, hold bars, REIL's, PAPI's airfield guidance signs and new electrical vault and ALCMS	\$ 99,988
2060601002	FLL T4 Irrigation Line	3/29/2018	Keith & Associates, Inc.	James A. Thiele	954-788-3400	Terminal 4 Apron East Expansion Irrigation Water Source	\$ 23,665
2065101001	MIA CIS Oversight SO #1	3/30/2018	Miami-Dade Aviation Department	Reynaldo Garcia	305-869-5989	Provided Construction Inspection Services (CIS) for portions of the Concourse E Airside Improvement	\$ 131,172
2065101002	MIA CIS Oversight - North	3/30/2018	Miami-Dade Aviation Department	Reynaldo Garcia	305-869-5989	Provided CIS for portions of the Concourse E Airside Improvements - E-Satellite Apron Modifications, Pavement Repair and Markings Package, and Concourse E Airside Improvements - Passenger Boarding Bridge and Aircraft Service Equipment Procurement Package	\$ 95,240
2065101003	MIA CIS Oversight SO #2	3/30/2018	Miami-Dade Aviation Department	Reynaldo Garcia	305-869-5989	Provided CIS for portions of the Concourse E Airside Improvements	\$ 68,122
2065101004	MIA CIS Oversight Add Serv	3/30/2018	Miami-Dade Aviation Department	Manuel Freire	(305)869-3471	Performed the oversight of CIS services at the E-Satellite Apron	\$ 39,628
2240124005	Colorado Springs TW C Recon CA/RPR	3/30/2018	City of Colorado Springs	Christopher Touch	7195501964	This project included CA and On-Site RPR Services throughout the duration of construction	\$ 551,464
2130823006	Chicago O'Hare TWW Z/J Pkg B Add Dsgn	3/31/2018	Chicago Aviation Runway Designers	Neil Parikh	(773) 462-7511	Design services for Package B of the Taxiway Z/J, Taxiway U Modifications & Visual Screen Berm	\$ 23,534
2130823007	Chicago O'Hare RW 9R-27L Ext Analysis	3/31/2018	Chicago Aviation Runway Designers	Neil Parikh	(773) 462-7511	Provided initial services to support project development and coordinate with ongoing work for the completion of the Runway 9R-27L Extension Project	\$ 42,405
2260001006	VNY Clearway Study	3/31/2018	City of Los Angeles	Robert Falcon	(424) 646-5848	Completed a feasibility assessment to determine the potential for establishing a clearway at the south end of the Van Nuys Airport Runway 16R-34L based on site investigation including airspace analysis and obstruction surveys	\$ 64,358
2430004007	Lafayette Runway 4-22L Coordination	3/31/2018	Lafayette Airport Commission	Daniel S. Elsea	(337) 266-4401	Lafayette Runway 4-22L Coordination	\$ 8,109

(a) Contract Numbers and Dates			(b) Awarding Authority	(c) Contact Name and Phone Number		(d) Description & Success of Performance	(e) Total Dollar Amount
Project No. (RS&H Project No.)	Project Name	Dates		Client Contact Name	Client Contact Phone		
2100016001	MBS RW 14-32 Crack Seal	4/1/2018	MBS International Airport Commission	Jeff Nagel	989-695-5555 x8	Project included over-band crack sealing the existing Runway 14-32 (6,400'x150') pavement and pavement markings	\$ 32,700
2270044000	McKinney Airport Master Plan (Coffman)	4/6/2018	Coffman Associates	Michael W. Dmyterko	816 524 3500	Provided opinions of probable project costs associated with the preferred alternative for long-term development as depicted in the Airport Master Plan Update	\$ 15,000
2013055042	Brunswick-SSI 4 Threshold Relo Design	4/12/2018	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Relocate Runway 4 Threshold and Crack Seal Runway Design and Bidding Services	\$ 27,052
2120014001	Harlingen RW 35L Entrance T/W Realign	4/12/2018	City of Harlingen Airport Board	Bryan J. Wren	956-430-8605	Runway 35L Entrance Taxiway Realignment	\$ 150,800
2240124008	Colorado Springs TW GM Recon	4/13/2018	City of Colorado Springs	Christopher Touch	7195501964	This project involved the reconstruction of Taxiway M from Taxiway H to the Terminal Apron, and also included the reconstruction of Taxiway G from Taxiway M through Taxiway P	\$ 409,608
2260316001	LGB Twy J - CM Services	4/13/2018	City of Long Beach	Stephan Lum	(562) 570-2682	CM services for the Taxiway J Improvements	\$ 1,151,207
2230044000	LRD RSA Drainage Improvements	4/15/2018	City of Laredo	Alejandro Labrada	(956) 795-2000	Project consisted of development of grades for regrading of the runway safety area due to changes required under a Part 139 inspection	\$ 9,966
2102820006	Bishop Taxiway C Rehab	4/30/2018	Bishop International Airport	Joseph Medici	254-298-5350	Project consisted of the design phase for the rehabilitation of Taxiway C, as well as the addition of new paved shoulders	\$ 486,800
2220001003	Newport News SSCP CA & RPR	5/1/2018	Peninsula Airport Commission	Melissa Cheaney, A.A.E.	(757)877-0221 X 227	This project included minor airfield apron work, SSCP relocation, new concessions, and minor Airport support spaces; The design reflects an acknowledgment of the existing facility and enhancement of the building, including large voluminous spaces with high ranging curtainwall and contemporary materials	\$ 729,966
2220003004	Manassas Bridge Str Ext LOMR	5/2/2018	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Letter of Map Revision for Runway 34R Extension Program	\$ 30,680
2186915010	Henry County Rehab RW Taxilane	5/4/2018	Henry County Airport Authority	John Nye	419-906-7947	Project responsibilities included the rehabilitation design of taxilanes and runway including bituminous asphalt paving, crack treatment, and shoulder grading, pavement marking, pavement geometry improvements, and development of construction documents	\$ 40,000
2220003003	Manassas 34R MALSF CA & RPR	5/4/2018	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Runway 34R Medium Intensity Approach Lighting System	\$ 120,989
2180002001	Columbus TZR Rwy 4-22 Rehab	5/14/2018	Columbus Regional Airport Authority	Bart Powell	614 239-3025	This project included a runway and taxiway connector, 2-inch surface asphalt overlay, with an additional 3 inches of asphalt base course in select areas	\$ 395,414
2260004010	Stockton SA CAT II	5/14/2018	San Joaquin County	Ronald K. Elliott	(209) 468-4707	Perform a self-evaluation of the airports NAVAIDS to determine upgrades required to achieve a SA CAT II approach operation for Runway 29R	\$ 27,182
2430004003	Lafayette Terminal Environ Services (EA)	5/17/2018	Lafayette Airport Commission	Daniel S. Elsea	(337) 266-4401	Improvements to the passenger terminal facilities to properly serve the needs of the community and continue to serve as an economic engine for regional prosperity	\$ 241,886
2270247029	Amarillo Taxiway J CATEX	5/23/2018	City of Amarillo	Tyler Hurst	806-335-1671	This project included a CATEX submission for a taxiway reconstruction project	\$ 5,227
2261738006	LAWA LAX RW 25R CA	5/24/2018	City of Los Angeles	Mark Vichelja	(310) 646-7553	This is the CA for RW 25R Reconstruction. Reconstruction of 6,000 ft of PCC Runway Keel Section plus construction of TW B17	\$ 644,000
2010241027	Columbus GA Txy D Crack Seal	5/30/2018	Columbus Airport Commission	Richard C. Howell	706-324-2449 x1410	Taxiway D Crack Sealing Program	\$ 35,970
2130823004	Chicago O'Hare TW Z/J Pkg B Dsgn	5/31/2018	Chicago Aviation Runway Designers	Neil Parikh	(773) 462-7511	Project involves the construction of Taxiway Z and J as part of new Runway 9C-27C	\$ 149,883
2181748001	Columbus CMH Apron & TW E Prelim	5/31/2018	Columbus Regional Airport Authority	Raymond Fridley	(614) 239-3040	Rehabilitation of Terminal Apron Asphalt and Taxiway E	\$ 1,229,918
2260007003	Burbank RW 15-33 - Construction	5/31/2018	Burbank-Glendale-Pasadena Airport Authority	Karen Sepulveda	818-729-3508	Construction services for the rehabilitation of Runway 15-33	\$ 865,383
2100016002	MBS RW 5-23 Rehab	6/1/2018	MBS International Airport Commission	Jeff Nagel	989-695-5555 x8	Runway 5-23 Rehabilitation	\$ 423,600
2103584001	Detroit Runway 4L - Task 1	6/1/2018	Wayne County Airport Authority	Theresa Samosiuk	734-247-3692	Detroit Runway 4L-22R Reconstruction-Preliminary Design and Environmental	\$ 5,858,636
2103584003	Detroit Runway 4L Lrg Pave CA	6/1/2018	Wayne County Airport Authority	Theresa Samosiuk	734-247-3692	Detroit Runway 4L-22R Reconstruction-CA/RPR	\$ 6,080,963
2103584004	Detroit Runway 4L Small Pave CA	6/1/2018	Wayne County Airport Authority	Theresa Samosiuk	734-247-3692	Runway 4L/22R Reconstruction CA	\$ 585,407
2430004009	Lafayette GA Pvmnt Rehab	6/1/2018	Lafayette Airport Commission	Daniel S. Elsea	(337) 266-4401	Developed construction documents, bidding and CA services for pavement rehabilitation for existing apron areas to accommodate future development	\$ 341,815
3220008005	AFRC PAFB B-751 Hangar RFP	6/7/2018	Woolpert-RS&H, LLC	Kevin D. Heuke	(502) 315-3813	Provided a Design/Build Request for Proposal (RFP) to repair, renovate, maintain, and modernize the HH-60 Helicopter repair hangar at Patrick Air Force Base	\$ 192,861
2240124007	Colorado Springs TW NP Recon-CA/RPR	6/19/2018	City of Colorado Springs	Steven Gaeta	719-550-1948	Construction Phase Services-Rehabilitation of Taxiway C, G and Terminal Connectors Phase I. Rehabilitate Taxiway C from Taxiway C7 through Taxiway H	\$ 743,843
2241786002	Des Moines Cargo Facility Relo CATEX	6/29/2018	Des Moines International Airport Authority	Bryan Belt	(515) 256-5100	Fee Proposal only; This simple written record CATEX will analyze the potential impacts with relocating the existing cargo facility to the south cargo apron area of the Airport	\$ 4,880
2262440012	SJO PCI Analysis 2017	6/29/2018	AERIS Holding Costa Rica S.A.	Eduardo Chamberlain	(506) 437-2400	Perform a PCI analysis of the existing runway and remote apron	\$ 49,500
2100007001	Sparta Taxilane Extension	6/30/2018	Village of Sparta	Julius Suchy	(616) 887-8251	This project consists of design engineering and bid phase services for the construction of Taxilane Connector and Extension	\$ 63,400
2261738003	LAX C14 - Data Collection	6/30/2018	City of Los Angeles	Goran Lazarevic	(424) 646-5870	The project included demolition and/or relocation of existing facilities such as Remain Over Night (RON) parking, water deluge system, hangar facilities, electrical vault and other infrastructure, to facilitate the construction of New Crossfield Taxiway P	\$ 375,984
2261738004	LAWA LAX Twy C14 Prelim Design Labor	6/30/2018	City of Los Angeles	Goran Lazarevic	(424) 646-5870	This task order was to provide engineering design for the project to a 60% level of effort	\$ 1,575,000
2262332017	Oceano AWOS & Beacon Design & CA	6/30/2018	San Luis Obispo County	Kevin Bumen	805 781 5205	The purpose of this project is to install a Level I Automated Weather Observation System (AWOS)	\$ 104,459
2012493004	FLL-Terminals T2 Modernization	7/1/2018	Gresham, Smith and Partners	Tania Fiorani	954-322-4433	design and CA services for the renovation and expansion of the 150,000-sq-ft Terminal 2.	\$ 1,188,017
2321736007	Northeast Philadelphia RW6-24 Recon IFE	7/13/2018	City of Philadelphia, Division of Aviation	Allan Moore	215-937-6942	Runway 6-24 Reconstruction Independent Fee Estimate	\$ 7,767
2271774001	McKinney Western Terminal & FBO	7/16/2018	Lone Western Star Development, LLC	Kort Henderson	(720) 924-7075	Site Civil including parking, apron, and utilities within 5 ft of a new 17,000 SF GA terminal and FBO facility	\$ 157,005
2010044003	DAB Taxiway Echo Run Up Evaluation	7/19/2018	Volusia County	Karen K. Feaster	386-248-8030	Design, CA and RPR services for a new run up pad adjacent to Taxiway "E"	\$ 246,200
2100289003	Lansing Cargo Ramp Exp Phase 1	7/24/2018	Capital Region Airport Authority	Jonathon Vrabel	(517) 886-3712	Project consists of the design and construction phase services for the first phase of a three phase cargo apron expansion	\$ 236,976
2100020001	Owosso Airfield Crack Seal & Mark	7/26/2018	Shiawassee Airport Board	Garry Csapos	(989) 725-1969	Project included crack repair, crack sealing, and pavement marking for the entire airfield	\$ 28,300
2010044002	DAB Taxiway M Sign and Marking	7/30/2018	Volusia County	Karen K. Feaster	386-248-8030	DAB Taxiway M Sign and Marking	\$ 3,610
2251754003	Salt Lake TW G Panel Replacement	7/30/2018	Salt Lake City Department of Airports	Sean Nelson	(801) 575-2400	Taxiway G Panel Replacement	\$ 30,619
2251754004	Salt Lake Cargo PCC Joint Seal	7/30/2018	Salt Lake City Department of Airports	Mark Carlton	(801) 575-2400	FY18 Joint Seal project at the North and South Cargo Aprons	\$ 47,818
2230045000	LRD CATEX	8/1/2018	City of Laredo	Alejandro Labrada	(956) 795-2000	Prepared a Documented CATEX in compliance with NEPA for the taxiway improvement projects	\$ 12,490

(a) Contract Numbers and Dates			(b) Awarding Authority	(c) Contact Name and Phone Number		(d) Description & Success of Performance	(e) Total Dollar Amount
Project No. (RSS&T Project No.)	Project Name	Dates		Client Contact Name	Client Contact Phone		
2138509012	Alpena New Terminal Project	8/3/2018	County of Alpena	Robert Adrian	(889) 464-6334	Design and CA services for a new terminal building in close proximity to the existing terminal	\$ 960,000
2181766012	Henry County Rwy 10-28 CA/RPR	8/3/2018	Henry County Airport Authority	John Nye	419-906-7947	CA and RPR efforts for the Rehabilitate Runway 10-28 and Taxilanes project	\$ 32,000
2250005008	BOI Cargo Development CATEX	8/3/2018	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Performed a categorical exclusion to analyze potential impacts to environmental resource categories for the development of a cargo hangar and associated projects, including the widening and rehabilitation of an existing taxiway, construction of a new taxiway, construction of a parking area, and expanding the current apron area	\$ 37,257
2261738011	LAWA LAX FAA AGIS Close Out Survey	8/10/2018	City of Los Angeles	Mark Vicelja	(310) 646-7553	Verified as built data through a GIS survey and submit to FAA	\$ 32,000
2180016000	TOL Rehab Taxiway D Design	8/29/2018	Toledo Lucas County Port Authority	Stephen L. Arnold	419-865-2351	Project included design and bidding services for the rehabilitation of the Taxiway D pavements	\$ 34,956
2180020000	TOL Rehab TW D Light/Sign Dsgn	8/29/2018	Toledo Lucas County Port Authority	Stephen L. Arnold	419-865-2351	Project included design and bidding services for the replacement of approximately 400 lights and 30 signs on the Taxiway D pavements	\$ 50,844
2130024002	Cedar Rapids IFE - West Apron Expansion	8/30/2018	The Eastern Iowa Airport	Don Swanson	(319) 731-5715	Cedar Rapids IFE - West Apron Expansion	\$ 4,705
2230009008	El Paso P&F GC-On-Call Planning FY 17	8/30/2018	City of El Paso, TX	Monica Lombrana	915-212-7301	Through a multi-year on-call planning contract, various planning efforts were completed	\$ 40,000
2250005010	Boise Taxiways C, D, M & Taxilane F	8/30/2018	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Taxiways C, D, M and Taxilane F	\$ 391,575
2102820014	Bishop Taxiway C Rehab - East CA	8/31/2018	Bishop International Airport	Craig A. Williams	(810) 235-6560	Taxiway C Rehabilitation East CA Services	\$ 301,800
2230009015	El Paso On-Call Planning FY18 #2	8/31/2018	City of El Paso, TX	Michael McElroy	915-212-7337	Performed miscellaneous on-call planning and financial services	\$ 20,000
2230047000	McAllen 2018 Safety Improvements IFE	8/31/2018	City of McAllen	Jeremy Santoscoy	(956) 681-1500	IFE for their 2018 Runway 14-32 and Taxiway A Safety Improvements project, for design and bidding phases	\$ 6,000
2120024000	United Airlines Hangar Programming	9/1/2018	United Airlines	Anthony J. Davit	(281) 553-8588	Provided architecture and engineering services for programming and schematic design for proposed maintenance hangars of Boeing 737 aircraft at various locations throughout the country	\$ 223,406
2144581026	Cloquet Hangar Site Design	9/1/2018	Carlton County Airport Commission	Quinten Anderson	218-879-4911	The project was designed and constructed with an expedited schedule to accommodate the hangar development and to utilize available state funding	\$ 48,220
2181752158	North Bass NEPA/Airfield Imprvmnts	9/1/2018	Put in Bay Township Port Authority	Rick Ziebarth	419-285-3371	This project rehabilitates the existing runway and apron pavements, improves drainage, and removes obstructions from the runway approaches, with the goal of improving the safety and extend the life of airfield pavements at the Airport	\$ 92,000
2183230026	Columbus LCK Ramp 3 Phase 2 Design	9/7/2018	Columbus Regional Airport Authority	Eric Hensley	614-409-3631	Provided design and bid phase services for the airside portion of Phase 2 of the Air Cargo Terminal (ACT) No. 5 development project	\$ 189,090
2141735002	Hibbing Hangar Development Site CA/RPR	9/10/2018	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Provided Construction Services for the Hibbing Paint Hangar Site improvements for a new multi-plane storage hangar. This project includes new apron, parking lot and access road construction	\$ 80,000
2144581024	Cloquet Runway 17 35 Runway Rehab Design	9/11/2018	Carlton County Airport Commission	Mike Tardy	218-384-9150	Rehabilitation of the existing 4,200-ft long asphalt runway intersecting runway 7-25	\$ 119,393
2250005016	Boise Additional Service TW C,D,M,F Reha	9/30/2018	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Additional design and survey services for the Taxiway C, D, M, F Rehab project	\$ 15,689
2270016000	Arlington South Ramp Perimeter Recon	9/30/2018	Texas Department of Transportation, Aviation Division (TxDOT)	Ryan Hindman	(512) 416-4545	Provided engineering/design services for reconstruct/overlay hangar access pavement south apron areas and edges and associated appurtenances	\$ 233,033
2180048000	Toledo Exec Hngar Twy Ext Dsgn	10/1/2018	Toledo Lucas County Port Authority	Stephen L. Arnold	419-865-2351	Provided planning, design and construction phase services for the development of a GA taxilane and taxiway for a corporate / private hangar development	\$ 132,700
2122789035	Houston Bush Emergency Pavement Repairs	10/2/2018	City of Houston - Houston Airport System (HAS)	Cynthia Straughan	(281) 233-1695	Gathered and evaluated record drawings of pavement areas exhibiting failure	\$ 72,478
2230024000	LRD Cargo Apron Design	10/5/2018	City of Laredo	Alejandro Labrada	(956) 795-2000	The project consisted of the design and construction of Phase 11 and Phase 12 of the cargo apron reconstruction project	\$ 479,756
2060601017	FLL North Runway Misc Pymt Repair	10/16/2018	Keith & Associates, Inc.	James A. Thiele	954-788-3400	North Runway Miscellaneous Pavement Repair	\$ 28,355
2270247017	Amarillo Runway 1331 and Txy K Jt Seal	10/16/2018	City of Amarillo	Tyler Hurst	806-335-1671	Project includes the removal and replacement of the concrete joint seal material on Runway 13-31, Taxiway K, and all associated connector Taxiways	\$ 54,700
2123672093	HAS Env GC-IAH Fuel Trap Assessment	10/18/2018	City of Houston - Houston Airport System (HAS)	Monty Nunn	(281) 233-1675	This project includes a site investigation and assessment of the existing fuel traps located on the Terminal A North Apron and the East Cargo Facility	\$ 40,500
2040001051	Preparation of NEPA Documentation for HCAA FY 18 Projects	10/19/2018	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	This project includes professional services associated with the NEPA process for 3 separate NEPA documents for proposed Airport projects (North Air Cargo Facility Rehabilitation, New Taxilane A and Bridge, and Extension and Site Preparation for Eastside MRO Development)	\$ 104,975
2183230030	Columbus CMH Concrete Joints Ph6	10/19/2018	Columbus Regional Airport Authority	Raymond Fridley	(614) 239-3040	Provided design, bidding and construction phase services for Concrete Joint Repair- Phase 6: Runway 10L Hold Apron at Taxiway E (103,000 SF) and Runway 10R Hold Apron at Taxiway D (103,000 SF)	\$ 29,995
2250005014	Boise South Cargo Development Grades	10/25/2018	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Perform preliminary site design grades for the South Cargo Development which includes matching airside and landside grades - establish design grades on taxiway P, apron, cargo building finish floor elevation, truck loading dock area, and access road intersecting with Gowen road	\$ 89,983
2430004042	Lafayette New RTR Facility Design	10/26/2018	Lafayette Airport Commission	Daniel S. Elsea	(337) 266-4401	Develop construction drawings and specifications for the new RTR Facility	\$ 252,249
2181752162	Middle Bass Hangars CatEx	10/27/2018	Put in Bay Township Port Authority	Rosann Keiser	(419) 341-2007	Provided the necessary environmental analysis to allow for FAA review and clearance of the project	\$ 5,800
2261738007	LAWA LAX TW D Ext Investigation	10/31/2018	City of Los Angeles	Goran Lazarevic	(424) 646-5870	Preliminary Planning for Taxiway D Extension	\$ 300,000
2270247004	Amarillo Runway 4-22 Electrical Rehab	10/31/2018	City of Amarillo	Tyler Hurst	806-335-1671	Electrical Upgrades - Runway 4-22 and Electrical Vault	\$ 132,800
2270247018	AMA Vault & Airfield Electrical Upgrades	10/31/2018	City of Amarillo	Tyler Hurst	806-335-1671	Designed a new airfield lighting system to replace the outdated fixtures, signs and cabling with new LED equipment, which will ultimately provide the airport with a 67% savings on utility and maintenance costs	\$ 264,500
2140024000	CID West Cargo CA IFE	11/1/2018	The Eastern Iowa Airport	Don Swanson	(319) 731-5715	Project consisted of an independent fee analysis for construction phase services for the construction of an apron and connecting taxiway project	\$ 4,913
2260004011	SCK TW B Extension	11/1/2018	San Joaquin County	Ronald K. Elliott	(209) 468-4707	Taxiway B Extension to Runway 29R End and Documented Categorical Exclusion	\$ 498,328
2260004012	SCK Terminal Apron Extension Design	11/1/2018	San Joaquin County	Ronald K. Elliott	(209) 468-4707	Construction of new full strength asphalt pavement extension to the existing commercial aircraft apron	\$ 328,689
2220003006	Manassas West Apr Rhb Ph 1 CA & RPR (GC)	11/8/2018	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	CA & RPR for the Manassas West Apron Rehab Phase 1	\$ 219,684
2261738010	LAWA LAX TW C14 Fire Protection Eng	11/8/2018	City of Los Angeles	Goran Lazarevic	(424) 646-5870	This task order provided investigation and preliminary documents for the replacement water deluge system	\$ 200,000
2180025000	TOL Rehab Taxiway D CA/RPR	11/29/2018	Toledo Lucas County Port Authority	Stephen L. Arnold	419-865-2351	CA and resident project engineer services related to the rehabilitation of Taxiway D	\$ 82,560

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2180044000	Toledo Exec NAVAID Repower CA/RPR	11/29/2018	Toledo Lucas County Port Authority	Stephen L. Arnold	419-865-2351	CA and Resident Project Engineering services for the repowering of Runway 4-22 navigational aids, including PAPIs and REIS	\$ 25,741
2181731009	Kelleys Island RW Rehab CA/RPR	11/29/2018	Village Board of Kelleys Island	Arden Cooper	(419) 746-2535	Project included construction services for the rehabilitation of Runway 9/27	\$ 26,000
2271744001	Central Terminal Modifications	11/30/2018	Northwest Arkansas Regional Airport Authority	Kelly L. Johnson	479 205 1422	Designed the structural floor infill of approximately 2,600 square feet on the west side of the second level of the existing Central Terminal Building, creating a new holdroom area open to the terminal	\$ 384,028
2130823008	ORD RW 9R-27L Ext Dsgn Comp Phase I	12/1/2018	Chicago Aviation Runway Designers	Neil Parikh	(773) 462-7511	The first of two design completion phases to complete the western portion of the Runway 9R-27L Extension and Associated Taxiways Project	\$ 97,006
2141735005	Hibbing Hangar A2 Design & Bid	12/1/2018	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Design and CA/RPR services for a paint and restoration hangar and associated infrastructure, such as a 50-vehicle parking lot, access road, general aviation apron, and drainage and utilities	\$ 85,000
2013055036	Brunswick - BQK East GA CA & RPR	12/4/2018	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Construction Phase Services (CA & RPR) for the Phase 1 of the East GA Development, including apron, taxilanes, and utility and drainage infrastructure	\$ 462,015
2181752159	Put-In-Bay Land Acquisition Svcs	12/5/2018	Put in Bay Township Port Authority	Rick Ziebarth	419-285-3371	Preliminary land acquisition services for ALP parcel in Runway Protection Zone	\$ 17,500
2140025000	CID Runway 13/31 Design IFE	12/6/2018	The Eastern Iowa Airport	Don Swanson	(319) 731-5715	This project includes an IFE for the reconstruction of Runway 13/31 and seal coat of aprons	\$ 6,291
2144581023	Moose Lake Runway 4-22 Pvrmt Rehab	12/15/2018	Carlton County Airport Commission	Quinten Anderson	218-879-4911	Rehabilitation of Runway 4-22, Taxiway, Apron and Entrance Road	\$ 58,132
2240124011	COS Taxiway G Recon	12/31/2018	City of Colorado Springs	Steven Gaeta	719-550-1948	Taxiway G and Terminal Connectors Rehabilitation	\$ 442,361
2261738008	LAWA LAX TW C14 Final Design	12/31/2018	City of Los Angeles	Goran Lazarevic	(424) 646-5870	New Crossfield Taxiway P 100% Design Services	\$ 1,840,000
2251754005	Salt Lake Runway 16R-34L Joint Seal	1/1/2019	Salt Lake City Department of Airports	Mark Carlton	(801) 575-2400	Replace the runway preformed joint seals with a wider seal	\$ 53,222
2060025000	FLL Bell Helicopter Peer Review	1/9/2019	Keith & Associates, Inc.	Susana Bernal	Keith & Associates, Inc.	Perform a peer review of their current apron pavement design for a new Bell Helicopter facility	\$ 4,000
2181808001	Marathon Corp Hangar Concept Study	1/9/2019	Marathon Petroleum Company, LP	Benjamin R Decker	(419) 421-2121	Performed conceptual design phase services for the Marathon Petroleum Company	\$ 79,000
2181752157	PIBA Hangar Design & CA Svcs	1/11/2019	Put in Bay Township Port Authority	Rick Ziebarth	419-285-3371	Project includes design and construction services for a new aircraft storage hangar	\$ 54,241
2141735009	Hibbing Crack Seal Design, Bid, CA/RPR	1/15/2019	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Crack sealing of approximately 100,000 ft of cracks on runway 13-31 and 4-22	\$ 19,647
2240013001	Fort Morgan Master Plan	1/15/2019	City of Fort Morgan	Steve Glammeyer	(970) 542-3901	The preparation of a Master Plan Study and associated Airport Layout Plan	\$ 163,514
2120003010	College Station Taxiway "A" CATEX	1/24/2019	Easterwood Airport Management, LLC	Joshua Abramson	979 775 9901	Prepared NEPA documentation for realignment of taxiway A as part of the company's on-call contract	\$ 8,062
2010016000	Ocala Taxiway A Design	1/28/2019	Ocala International Airport/City of Ocala	Matthew Grow	352-629-8377	Reconstruction and realignment of Taxiway A at the Ocala International Airport	\$ 420,248
2261738012	LAWA LAX Twy C14 and WDS Final Design	1/30/2019	City of Los Angeles	Goran Lazarevic	(424) 646-5870	This task order was to repackaging Taxiway C-14 for bidding	\$ 450,000
2260004017	SCK GA Apron Ph 2 - Construction	1/31/2019	San Joaquin County	Ronald K. Elliott	(209) 468-4707	General Aviation Apron Rehabilitation CA Services	\$ 225,562
2260004023	SCK Cargo North Pad	1/31/2019	San Joaquin County	Ronald K. Elliott	(209) 468-4707	This project includes the construction of a new asphalt pad, north of the cargo apron (~82,500 sq ft) to accommodate relocation of the existing cargo sortation structure	\$ 29,709
2260014001	BUR Taxiway C and D West End Rehab	1/31/2019	RDM International, Inc.	Karen Sepulveda	818-729-3508	Taxiway C and D Ramps Design and Pavement Management System	\$ 137,309
2240044001	Spokane RW 7-25 and TWC	2/1/2019	Spokane Airport Board	Lisa Corcoran	(509) 455-6406	Shoulder rehabilitation project for the runway and taxiway shoulders	\$ 1,122,467
2420016000	La Candela Road	2/4/2019	AERIS Holding Costa Rica S.A.	Eduardo Chamberlain	(506) 437-2400	Project consists of design, CA and RPR services for re-designing the existing southern roadway adjacent to the airfield	\$ 78,000
2370024001	TEB Rwy 6-24 Stage 1 Electrical Design	2/8/2019	Burns Engineering, Inc.	Charles Dennie	(215) 979-7700 ext 7762	Developed load and insulation resistance calculations for existing and proposed airfield lighting circuits associated with Runway 6-24	\$ 10,000
2012275045	JAA_JAXEX RW 14-32 Rehab	2/15/2019	Jacksonville Aviation Authority	J. Derek Powder	(904) 741-2225	Runway 14-32 Rehabilitation	\$ 184,934
2240001009	Eugene TW A Rehab-PHII	2/16/2019	The City of Eugene, Oregon	Daniel Durazo	(541) 682-5883	Taxiway A Rehabilitation Phase II included a mill and overlay of the existing asphalt pavement of Taxiway A1, A2, the 16R run-up apron, and Taxiway A (north of Taxiway C)	\$ 444,113
2060501005	FLL Noise Mitigation IFR	2/21/2019	Cartaya and Associates, Architects, P.A.	Roger Lebida	(954) 771-2724	Review other engineer's scope and fee proposal submitted to BCAD for structural, mechanical, civil and electrical improvements to residences related to noise mitigation efforts for the South Runway	\$ 21,537
2120003006	College Station Baggage Handling System	2/25/2019	Easterwood Airport Management, LLC	Joshua Abramson	979 775 9901	Completed schematic design, construction documents, bidding services, and CA services for the construction of a new inbound and outbound baggage handling system	\$ 97,200
2010055003	BQK Compass Calibration Pad NEPA	2/27/2019	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Prepared environmental clearance documentation in the form of a documented categorical exclusion to facilitate the funding and construction of a 1200 linear-ft taxilane and a 40,000 sq-ft compass calibration and engine run-up pad critical for use by multiple airport MRO operators	\$ 19,179
2103659000	MBS International Airport Master Plan Update	2/28/2019	MBS International Airport Commission	Jeff Nagel	989-695-5555 x8	Prepared an Airport Master Plan that provided flexible guidance for the Airport over the next 20 years	\$ 731,710
2141703002	Grand Marais RW 9 Obstruction Mit EA	3/1/2019	Cook County, MN	Braidy Powers	218-387-3646	Runway 9 Approach Obstruction Mitigation Environmental Assessment	\$ 67,373
2430004027	Lafayette New Terminal Schematic Design	3/1/2019	Lafayette Airport Commission	Daniel S. Elsea	(337) 266-4401	Provided terminal and site design to a schematic (30%) design level that included the terminal building, roadway improvements, parking improvements, drainage improvements, utility improvements, and apron improvements	\$ 1,727,366
2140044000	CID Cat II IFE	3/8/2019	The Eastern Iowa Airport	Don Swanson	(319) 731-5715	The project consisted of an IFE for the Runway 9/27 CAT-II Establishment Feasibility Study	\$ 6,200
2145675019	Grand Marais Runway Ext CA/RPR Phase 1	3/13/2019	Cook County, MN	Braidy Powers	218-387-3646	Grand Marais Runway Extension Construction	\$ 218,000
2149554023	Sioux City Taxiway A Rehab Conn Design	3/15/2019	City of Sioux City	Michael Collett	(712) 279-6165	Design of the reconstruction of the concrete taxiway connector	\$ 259,850
2030016004	Albert Ellis South GA Dev Ph1 Des&Bid	3/18/2019	Onslow County	Christopher H. White	910 -989-3162	Completed the design of the first phase of the GA apron expansion inclusive of future hangar development, landside access, fueling truck parking facilities, and appropriate site grading and drainage	\$ 217,200
2010241010	Columbus GA Runway 6 RSA	3/20/2019	Columbus Airport Commission	Richard C. Howell	706-324-2449 x1410	Provided permitting, bidding and construction documents for improvements to the Runway 6 Runway Safety Area	\$ 329,259
2010241023	Columbus GA_RWY 6-24 Obs P3	3/26/2019	Columbus Airport Commission	Richard C. Howell	706-324-2449 x1410	Runway 6-24 Obstruction Phase 3	\$ 296,214
2010241024	Columbus GA_RWY 13-31 Obs P3	3/26/2019	Columbus Airport Commission	Richard C. Howell	706-324-2449 x1410	The mitigation includes work on airport property, public property, and on privately owned property; Base bid work includes removal of specified vegetation (individual trees) including grinding of stumps and restoration of grassed surfaces, as well as clearing of certain vegetated (wooded) areas	\$ 293,254
2370024002	EVR Rwy 4R-22L Stage 1 Electrical Design	3/26/2019	Burns Engineering, Inc.	Charles Dennie	(215) 979-7700 ext 7762	Runway 4R-22L Stage 1 Electrical Design	\$ 10,000

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2240046001	Longmont Taxilane Phase 1	3/28/2019	Dibble Engineering	Jared Bass	(303) 872-5756	The major items of work associated with the New Taxilane project included the construction of a new asphalt concrete taxilane in an existing undeveloped area on the southeast side of the airport	\$ 36,001
2260013000	ACRP 02-73 Interactive NEPA Tool	3/28/2019	National Academy of Sciences	Marci Greenberger	(202) 334-1371	Provided general consulting services, planning, design, bidding, and construction management services	\$ 249,864
2123039000	Lafayette Master Plan Update	4/1/2019	Domingue, Szabo & Associates, Inc.	Daniel S. Elsea	(337) 266-4401	Developed a realistic forecast to reflect the magnitude of current growth options and the potential for new air service to destinations in the East	\$ 479,438
2140045000	CID IFE Twy Construction	4/1/2019	The Eastern Iowa Airport	Don Swanson	(319) 731-5715	The project consisted of preparation of an IFE for a taxiway design and bidding phase services professional agreement	\$ 6,500
2149554027	Sioux City Taxiway A Connector CA/RPR	4/1/2019	City of Sioux City	John Backer	712-279-6165 ext 1	Provided CA & RPR services for the Rehabilitation to the Taxiway A Connector	\$ 268,200
2149554029	Sioux City Runway 17-35 Reconst Design	4/1/2019	City of Sioux City	Michael Collett	(712) 279-6165	Runway 17-35 Reconstruction	\$ 1,399,872
2430004040	Lafayette Taxiway J Rehabilitation	4/1/2019	Lafayette Airport Commission	Daniel S. Elsea	(337) 266-4401	Taxiway J Rehabilitation	\$ 126,833
2260015006	SBP Pavement Rehab CATEX	4/3/2019	San Luis Obispo County	Craig A Piper	805 781 4376	Provided CATEX for Runway and Apron Rehab.	\$ 7,800
2260004032	SCK Taxiway D Rehab - Eval	4/8/2019	San Joaquin County	Russell Stark	(209) 468-4409	This project included an evaluation of existing asphalt taxiway pavement that was displaying alligator cracking and rutting in the aircraft wheel paths	\$ 41,823
2270046000	McAllen Master Plan Update 2017 OPPC'S	4/17/2019	Coffman Associates	Michael W. Dmyterko	816 524 3500	Provided opinions of cost for the various alternatives considered during the Master Plan Update process	\$ 27,900
2180057000	Toledo Express TW B Rehab Design	4/23/2019	Toledo Lucas County Port Authority	Stephen L. Arnold	419-865-2351	The project is a pavement rehabilitation (mill and overlay) of Taxiway B between Runway 16-34 and Taxiway B6	\$ 113,000
2180171004	Clinton County Drainage Imp CA/RPR	4/26/2019	Clinton County	Melody Waldmann	(937) 725-1946	Construction Services (CA/RPR/Grant Management) for drainage improvements including edge drains on Runway 1-19 and various taxiway and taxilane edge drainage improvements to eliminate standing water issues and failed drainage systems	\$ 39,112
2039661011	Asheville Program Management - Phase 3	5/1/2019	Greater Asheville Regional Airport Authority	Michael A. Reisman	828-684-2226	Runway Program Management	\$ 2,399,826
2039661012	Asheville RW Program Management - Ph 4	5/1/2019	Greater Asheville Regional Airport Authority	Michael A. Reisman	828-684-2226	Construction phase services for runway redevelopment program	\$ 1,469,611
2101801001	Bishop Runway 9-27 Rehab Design	5/1/2019	Bishop International Airport	Nino Sapone	(810) 235-6560	Design Phase Services for the Rehabilitation of Runway 9-27, which included a variable-depth profile mill to remove an existing porous friction course (PFC) and for minor grade corrections, repaving of the runway surface and saw-cut grooving, new paved runway shoulders, and lighting, signage, and electrical vault upgrades	\$ 464,238
2270247024	Amarillo Isolated Apron Panel CA/RPR	5/16/2019	City of Amarillo	Tyler Hurst	806-335-1671	Isolated Apron Panel CA and RPR Services	\$ 457,700
2250005009	Boise Concourse A Expansion	5/30/2019	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Preliminary planning for future development at Airport including apron, concourse, underground utility tunnel, boarding bridges, concession, airline, restroom, elevator, and passenger holding areas	\$ 48,755
2130823009	O'Hare RW 9R-27L Ext Design - West Pkg	5/31/2019	Chicago Aviation Runway Designers	Neil Parikh	(773) 462-7511	The project included the extension of Runway 9R by 3,593-ft and relocation of the 27L threshold 300-ft to the west to provide a full 1,000-ft Runway Safety Area (RSA) from Bessie Coleman Drive	\$ 481,007
2430004066	Lafayette CATEX for Obstruction Removal	5/31/2019	Lafayette Airport Commission	Steven Picou	806-335-1671	prepared a CATEX for removal of obstructions associated with Runways R4-22L, 4L-22R, and 11-29	\$ 14,750
2030016007	OAJ Airfield Lighting CA/RI	6/1/2019	Onslow County	Christopher H. White	910 -989-3162	Project included complete replacement of all airfield Taxiway and Runway edge lighting, directional signs, runway distance to go sign, windsocks, threshold lighting	\$ 171,990
2100004000	Monroe - Taxilanes and Road Rehab	6/1/2019	City of Monroe, Michigan	Patrick Lewis	734-384-9126	Project responsibilities included the rehabilitation design of taxilanes and access roadway including bituminous asphalt overlay, crack treatment, pavement and shoulder grading, pavement marking, pavement geometry improvements, and the development of construction documents	\$ 42,800
2260052000	SAN ADP	6/7/2019	Johnson Aviation, Inc.	Nick Johnson	(818) 606-3560	Provided planning consulting services to prepare an Environmental Impact Report for the Airport Development Program	\$ 41,000
2040001113	Runway 1L-19R - Ponding Analysis	6/11/2019	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Analysis of two areas of ponding approximately 250' from the west runway edge of pavement and approximately 6,000' south of the Runway 19R departure end	\$ 25,452
2241786004	DSM Service Road Paving CATEX	6/14/2019	Des Moines International Airport Authority	Bryan Belt	(515) 256-5100	This CATEX will analyze the potential environmental impacts from paving the existing gravel service road around Runway 31 end	\$ 27,270
2032740008	RDU RW 14-32 Rehab	7/1/2019	Raleigh-Durham Airport Authority	Jim Novak	919-840-7747	Runway 14-32 Rehabilitation	\$ 219,028
2140047000	CID IFE RWY Rehab CA	7/3/2019	The Eastern Iowa Airport	Don Swanson	(319) 731-5715	IFE for the CA phase of a runway reconstruction project	\$ 6,500
2260014002	BUR Twy C & D - Construction	7/8/2019	RDM International, Inc.	Karen Sepulveda	818-729-3508	Construction phase services for the Rehabilitation of Taxiways C & D, and the west apron	\$ 24,930
2430004050	LFT Runway 22L Profile Review	7/13/2019	Lafayette Airport Commission	Steven L. Picou	(337) 266-4401	Runway 22L Profile Review	\$ 20,117
2240124012	Colorado Springs TW G-M CA/RPR	7/15/2019	City of Colorado Springs	Christopher Touch	7195501964	Provided CA and Construction Observation Services for the Rehabilitation of Taxiway G and Terminal Connectors Phase II	\$ 948,950
2241777001	FMM Apron Reconstruction	7/17/2019	City of Fort Morgan	Steve Glammeyer	(970) 542-3901	Provided design and bidding phase services for the reconstruction of the existing aircraft parking apron and expansion of the southeast portion of the apron to the east	\$ 126,506
2270247031	Amarillo Joint Rehab CA	7/23/2019	City of Amarillo	Michael W. Conner	8063351671	This is the CA/RPR services for the Joint Sealant Replacement on Runway 13-31 and Taxiway K	\$ 103,825
2241786003	Des Moines Temp Rnwy Extension CATEX	7/28/2019	Des Moines International Airport Authority	Bryan Belt	(515) 256-5100	Temporary Runway Extension CATEX	\$ 34,495
2230058002	SAT Focused EA Taxiway R	7/31/2019	City of San Antonio	Steven Southers	(210) 207-3402	Focused Environmental Assessment for Taxiway R	\$ 97,170
2241739011	BFI 777X Operational Plan	7/31/2019	King County International Airport	Matt Sykora	206-263-8889	This project prepared an operational plan that indicated the specific paths to navigate a large aircraft on the airfield	\$ 100,597
2260004031	SCK Runway 29R RDR Signs.	7/31/2019	San Joaquin County	Russell Stark	(209) 468-4409	The airport's existing distance remaining signs were incorrectly located between the thresholds rather than on the ends of the runways	\$ 31,500
2032740006	RDU Taxiway A Rehab Construction Administration	8/1/2019	Raleigh-Durham Airport Authority	Jim Novak	919-840-7747	This project consisted of rehabilitating the 7,500-ft-long asphalt Taxiway A and associated connectors to address pavement and geometric deficiencies	\$ 1,240,600
2040001107	Preparation of NEPA Documentation for RON Parking	8/1/2019	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Provided professional services associated with the NEPA process for two separate NEPA documents for proposed Authority project	\$ 9,503
2260004022	SCK Terminal Apron Extension - Construct	8/8/2019	San Joaquin County	Ronald K. Elliott	(209) 468-4707	Construction Phase of the Terminal Apron Extension project	\$ 299,696

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2430004054	LFT GA Infrastructure Development	8/8/2019	Lafayette Airport Commission	Steven L. Picou	(337) 266-4401	The scope of this assignment will be to investigate, identify and mitigate impacts of the initial hangar construction within the proposed hangar complex	\$ 229,369
2181752160	North Bass Airfield Improvements	8/12/2019	Put in Bay Township Port Authority	Rick Ziebarth	419-285-3371	Project includes final design documents for the reconstruction of the runway	\$ 79,000
2260055000	Runway 23 Surfaces Analysis	8/15/2019	HELIX Environmental Planning, Inc.	Arthur Hanby	(858) 522-5808	Runway 23 Surfaces Analysis	\$ 2,000
2240124013	COS Taxiway G CA/RPR	8/29/2019	City of Colorado Springs	Steven Gaeta	719-550-1948	Full depth removal of the existing 75-ft wide pavement section and replacement with a new 75-ft wide concrete section along with the full depth removal of existing 25-ft wide concrete shoulders and replacement with new 30-ft wide asphalt shoulder section	\$ 916,498
2010039004	JAA-JIA - Rwy8 ILS White Paper	8/30/2019	Jacksonville Aviation Authority	Jaime Eaton	904-741-2007	Runway 8 Instrument Landing System White Paper	\$ 14,109
2012493005	FLL-Terminals T3 Modernization	9/1/2019	Gresham, Smith and Partners	Benjamin C. Goebel	(954) 322-4433	Design and CA services for the renovation and expansion of the 170,000 square foot Terminal 3	\$ 1,676,594
2230059000	McAllen Rwy 14 Imps CA IFE	9/2/2019	City of McAllen	Jeremy Santoscoy	(956) 681-1500	The project consisted of the preparation of an IFE for the Runway 14-32 and Taxiway A safety improvements	\$ 6,500
2220003008	Manassas W Corp Dev Site Prep Prelim Des	9/4/2019	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Preliminary Study to determine the feasibility of relocating Observation Road while opening the site for redevelopment	\$ 66,436
2010039009	JAA CRG 14-32 CA/RPR	9/5/2019	Jacksonville Aviation Authority	Jaime Eaton	904-741-2007	Rehabilitation of Runway 14-32. Project was completed on time and under budget	\$ 108,962
2010001010	TLH Lighting Cable & Transformer Replace	9/6/2019	City of Tallahassee	Alisha Wetherell	(850) 891-7873	Provided the design of new LED taxiway edge and centerline lighting and replaced the associated airfield lighting cable back to the vault	\$ 79,396
2240044003	Spokane RW 8-26	9/30/2019	Spokane Airport Board	Lisa Corcoran	(509) 455-6406	Assisted with the design of new 25-ft wide runway shoulder for Runway 8-26	\$ 490,722
2240010003	Colorado Springs Western Cutter 3.0	10/1/2019	Lone Western Star Development, LLC	Cindy Gettig	(281) 853-9767	This project was the for the development of one of two 60,000 SF hangars	\$ 238,864
2261738013	LAX TW C-14 Repackage	10/1/2019	City of Los Angeles	Goran Lazarevic	(424) 646-5870	Completed the construction of a New Crossfield Taxiway P, airside vehicle service road, and the associated enabling projects that will provide unimpeded taxiway flow between the north and south airfields, as well as a dual parallel taxiway capability for the North Runway complex	\$ 350,000
2183230031	Columbus LCK Ramp 3 CA/RPR Phase 2	10/10/2019	Columbus Regional Airport Authority	Eric Hensley	614-409-3631	Provided the professional services for the project including planning, design, bid, and construction phase services for the reconstruction of Ramp 3	\$ 260,490
2241777002	FMM Apron Reconstruction CA/RPR	10/31/2019	City of Fort Morgan	Steve Glammeyer	(970) 542-3901	FMM Apron Reconstruction CA/RPR	\$ 116,644
2181748002	CMH Twy E & Apron Rehab CA/RPR	11/1/2019	Columbus Regional Airport Authority	Raymond Fridley	(614) 239-3040	Rehabilitation of asphalt on commercial apron and taxiways E - CA/RPR	\$ 1,228,501
2261738014	LAWA LAX TW D Ext. 60% Design	11/1/2019	City of Los Angeles	Mark Vicelja	(310) 646-7553	Preliminary Design (to 60% Complete) of Taxiway D Extension, as well as Fed Ex Hangar, LAWA Maintenance Facility, and Remote hardstand enabling projects	\$ 1,050,000
2241812004	COS SNC Taxilane Improvements	11/9/2019	City of Colorado Springs	Steven Gaeta	719-550-1948	Geotechnical investigation for SNC Taxilane Improvements	\$ 16,554
2260004024	SCK PAPI 29R Relocation	11/21/2019	San Joaquin County	Russell Stark	(209) 468-4409	Relocated Runway 29R PAPI as a result of a new Special Authorization CAT II approach procedure	\$ 47,500
2321736013	PHL Deicing Apron Pipe Repair	11/21/2019	City of Philadelphia, Division of Aviation	Allan Moore	215-937-6942	Examined the depth of a 36-inch stormwater pipe that conveys deicing fluid and was experiencing leaks from groundwater due to it age and condition	\$ 63,900
2323579000	PHL RW 27L Extension & Associated Taxiways	11/30/2019	Urban Engineers, Inc.	Jack Martins	(215) 922-8080 Ext. 1100	Provided Design Services for the Stage 1 Airfield Development Project of the Capacity Enhancement Program, including Runway 27L and associated taxiways	\$ 911,898
2010055017	Brunswick SSI 4-22 Thresh+Rehab Re-Bid 3	12/3/2019	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Prepared bidding and construction documents for Runway 4-22 pavement rehabilitation, re-marking, and the relocation of Runway 4 threshold	\$ 14,953
2251737001	Provo Master Plan	12/12/2019	City of Provo	Steve Gleason	(801)852-6715	Terminal Area Plan that provided the analysis and framework for a new commercial passenger terminal building	\$ 719,706
2240044002	Spokane and TW C CA/RPR	12/31/2019	Spokane Airport Board	Lisa Corcoran	(509) 455-6406	Runway 7-25 and Taxiway C CA/RPR	\$ 1,082,236
2250025001	Lewiston Taxiway Improvements	12/31/2019	T-O Engineers, Inc.	Dave Mitchell	(208) 323-2288	Provided design of new airfield lighting for various taxiways and to design a new airfield lighting vault and control system to replace 30 year old building and equipment	\$ 91,268
2241786001	Des Moines Replacement Terminal EA	1/1/2020	Des Moines International Airport Authority	Bryan Belt	(515) 256-5100	Analyzed the environmental impacts associated with a larger replacement terminal to accommodate existing and forecast passengers	\$ 703,263
2220003009	Manassas T/W G CLOMR	1/14/2020	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Taxiway G Conditional Letter of Map Revision	\$ 34,451
2240001012	Eugene Taxiway Reconfig, Design and Bid Phase Services, Alpha Phase 3	1/15/2020	The City of Eugene, Oregon	Daniel Durazo	(541) 682-5883	Phase I, II, III included the rehabilitation of the entire length of parallel Taxiway A and the connecting taxiways to the primary runway	\$ 938,920
2241739012	BFI Prologis Site Evaluation	1/31/2020	King County International Airport	Michael Colmant	(206) 263-2595	A private development off the end of a runway was proposed to be located in the runway protection zone	\$ 48,546
2430004076	Lafayette Twy F Phase II Geotech/Survey	2/1/2020	Lafayette Airport Commission	Daniel S. Elsea	(337) 266-4401	Investigated services including survey, geotechnical investigations, and subsurface utility investigations	\$ 59,622
2270040019	DFW RW 18R Keel Recon & Overlay	2/3/2020	Dallas/Fort Worth International Airport Board	Mohammed Rehman	(972) 574-3200	Led a comprehensive rehabilitation project that included reconstruction of structurally weak areas totaling 34,000 sq yd of the keel section and 9,500 sq yd of additional isolated PCC panels and partial panels	\$ 6,357,889
2030040009	CLT Obstructions Modifications CATEX	2/10/2020	City of Charlotte - Aviation Department	Amber Leathers	704-359-4000	Completed the NEPA documentation in the form of a documented CATEX	\$ 8,880
2040001082	TPA East Side NEPA	2/17/2020	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Provided professional services associated with the NEPA process for two separate NEPA documents for proposed Authority projects	\$ 127,193
2180059000	Toledo Express TW D Light/Sign AGIS	2/22/2020	Toledo Lucas County Port Authority	Stephen L. Arnold	419-865-2351	Managed the acquisition of AGIS date for 4 runway ends to identify issues with existing and proposed future approach improvements	\$ 52,000
2102820017	Bishop Taxiway C Rehab - West CA	2/28/2020	Bishop International Airport	Nino Sapone	(810) 235-6560	Construction Phase services for the Second Phase (2018) of the Rehabilitation of Taxiway C	\$ 427,954
2430004039	Lafayette Terminal Airside Design	2/28/2020	Lafayette Airport Commission	Steven L. Picou	(337) 266-4401	General consultant for the Airport, providing architectural, engineering, environmental, and planning services	\$ 1,312,520
2010055001	Brunswick SSI C-II and Land Use Studies	3/1/2020	Glynn County Airport Commission	Robert J. Burr	912-265-2070 x 113	Developed strategy for accommodating C-II as critical aircraft at airport designed to B-II standards	\$ 152,669
2030025001	TTA Master Plan Update	3/1/2020	Sanford-Lee County Airport Authority	Bob Heuts	(919) 776-2939	Developed a plan outlining the Authority's long-term (20-year) development strategy, and displayed the concept graphically and reported on the data and logic on which the plan is based	\$ 384,932
2130823010	O'Hare RW 9R-27L Ext Design - East Pkg	3/1/2020	Chicago Aviation Runway Designers	Alex Leon	(773) 462-7531	Extension of Runway 9R by 3,593 ft and relocation of 27L threshold 300 ft to the west to address approach and departure surface issues with Bessie Coleman Drive	\$ 732,259
2060601001	FLL T4 Misc Gate Markings	3/10/2020	Keith & Associates, Inc.	James A. Thiele	954-788-3400	Design of the apron aircraft parking for gates G10, G11 and H7	\$ 109,903
2240001011	Eugene TW A Rehab PH II CA/RPR	3/15/2020	The City of Eugene, Oregon	Daniel Durazo	(541) 682-5883	Provided construction phase services including CA and on-site observation services for this \$9M construction project	\$ 725,771
2241775001	DEN Wildlife Mitigation-RW 17L	3/15/2020	City and County of Denver	Terry Seifert	(303) 342-2722	Runway 17L-35R Drainage Improvements (Wildlife Mitigation)	\$ 210,597

Project No. Amount (R&H Project No.)	(a) Contract Numbers and Dates		(b) Awarding Authority	(c) Contact Name and Phone Number		(d) Description & Success of Performance	(e) Total Dollar Amount
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2010052008	PNS R/W 8 ROFA Mod to Standards	3/16/2020	Pensacola Airport/City of Pensacola	Daniel E. Flynn	850-436-5000	Prepared application for a Modification to Airport Design Standards in order to accommodate an existing condition under which part of the Airport's airside circulation roadway falls within the Runway Object Free Area on the south side of the Runway 8 end	\$ 8,665
2144681002	Cloquet Runway 7-25 Design	3/24/2020	Carlton County Airport Commission	JimYeene Neumann	218-384-9150	Major rehabilitation of Runway 17-35. Full depth reclamation to save time and money during construction. Runway LED lighting was added to the project	\$ 137,340
2030016009	OAJ GA Apron Expansion CA/RPR	3/25/2020	Onslow County	Christopher H. White	910 -989-3162	This project expanded the existing asphaltic general aviation apron by an area approximately 292 ft by 190 ft	\$ 115,506
2250005022	Boise Taxiway H Realignment	3/25/2020	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Taxiway H Reconstruction	\$ 299,686
2149554040	Sioux City North Hangar Drainage Basin	4/1/2020	City of Sioux City	Michael Collett	(712) 279-6165	Provided design for Taxiway and Apron rehabilitation	\$ 77,325
2270247032	Amarillo Airfield Electrical CA	4/6/2020	City of Amarillo	Michael W. Conner	8063351671	This project involved the complete replacement of the existing airfield electrical systems	\$ 275,748
2320001000	Williamsport PA New Terminal	4/13/2020	Murray Associates Architects, P.C.	Benedict Dubbs	(717) 234-2581	Provided program validation, terminal planning, schematic and design development services, as well as portions of the Construction Documents for aviation specific components, such as the BHS system, gate and ticketing podiums, and TSA checkpoint layout	\$ 225,000
1040039103	CD: SR 60 - ADMS Addition	4/14/2020	WSP USA Inc.	Derrick Lue	(813)-520-4302	Performed ITS analysis, including the design of a 96-single mode fiber optic cable along the south side of SR 60 from the splice vault at McMullen Booth Road to a new ADMS location (approximately 2,000 feet) and design of one ADMS site along eastbound SR 60 west of McMullen Booth Road	\$ 30,913
2241780001	DEN CEP - C East - Apron Civil Design	4/15/2020	Jacobs Engineering Group, Inc.	Julie Hazzard	720-286-6172	Concourse C East Expansion, and performed grading design, drainage design and pavement markings for the facility	\$ 626,650
2320024001	ABE Runway 6-24 Rehabilitation Program	4/30/2020	Arora Engineers, Inc.	Joseph A. Vigilante	(215) 9797700x7800	Professional services to assist Arora Engineers (Arora) with program management for Package 1 which is currently in construction and design program management support for Packages 2 thru 4 which are currently in design	\$ 125,000
2260004028	SCK Misc Airport Development CATEXs	5/1/2020	San Joaquin County	Russell Stark	(209) 468-4409	Prepared a Simple CATEX as specified in the FAA Airports Division (ARP) Standard Operation Procedure 5.10, CATEX Determinations, for runway rehabilitation	\$ 44,164
2251871001	BOI Taxiway S Extension (T-O)	5/10/2020	T-O Engineers, Inc.	Dave Mitchell	(208) 323-2288	BOI Taxiway S Extension (T-O)	\$ 4,599
2270247036	Amarillo Taxiways C and J Reconstruction	5/20/2020	City of Amarillo	Michael W. Conner	8063351671	Taxiways C and J Reconstruction	\$ 299,880
2030040008	CLT Carolina Museum Apron Exp CATEX	5/30/2020	City of Charlotte - Aviation Department	Amber Leathers	704-359-4000	Carolina Museum Apron Expansion CATEX	\$ 44,156
2181752163	North Bass Airfield Improvements CA/RPR	6/1/2020	Put in Bay Township Port Authority	Rosann Keiser	(419) 341-2007	North Bass RW Rehab CA/RPR. Construction services for reconstruction of runway	\$ 175,993
2181813002	FDY Rwy 7-25 Crack Seal Design	6/1/2020	City of Findlay	Matt McVicker	(419) 704-9803	Crack Sealing and Marking of Runway 7-25	\$ 24,800
2181858002	TOL Twy D Financial Plan	6/1/2020	Toledo Lucas County Port Authority	Stephen L. Arnold	419-865-2351	Prepared a financial plan for the rehabilitation of Taxiway D	\$ 14,855
2260004019	SCK Cargo Apron EA	6/1/2020	San Joaquin County	Russell Stark	(209) 468-4409	Prepare a project description and statement of purpose	\$ 250,346
2260004021	SCK Twy B Extension - Construction	6/1/2020	San Joaquin County	Russell Stark	(209) 468-4409	Construction Phase Services for the Taxiway B Extension project	\$ 326,859
2260004030	SCK Perimeter Fence - Design	6/1/2020	San Joaquin County	Russell Stark	(209) 468-4409	The proposed perimeter fence improvements include the implementation of a new 8 ft chain link fence and three strands of barbed wire outrigger with a wildlife exclusion fence skirt	\$ 340,000
2181813004	FDY Rehab Twy A6 to A4 Design	6/10/2020	City of Findlay	Matt McVicker	(419) 704-9803	Provided consulting services for project to meet the FAA schedule in support of the FY19 grant offer extended for this project	\$ 51,000
2251826001	BFI FAA CATEX Support	6/10/2020	King County International Airport	Peter Dumaliang	2064770212	CATEX will analyze the potential impacts associated with the construction of an UPS facility an expanded apron area, and associated development	\$ 82,612
2140062000	RST Runway 02-20 Planning IFE	6/18/2020	Rochester Airport Company	Kurt Claussen	(507) 282-2328	IFE for Mead & Hunt Secondary Runway 02-20 Planning Study	\$ 6,100
2140063000	RST Runway 02-20 EA IFE	6/18/2020	Rochester Airport Company	Kurt Claussen	(507) 282-2328	IFE for Mead & Hunt Secondary Runway 02-20 Environmental Assessment	\$ 6,100
2140059000	CID Reconstruct Taxiways CA IFE	6/22/2020	The Eastern Iowa Airport	Don Swanson	(319) 731-5715	IFE for construction phase services of the reconstruction of taxiways at Cedar Rapids Airport	\$ 6,500
2010001012	TLH Taxiway B TSA Grading	6/30/2020	City of Tallahassee	Heather Nelson	850-891-7868	Improvement of the taxiway safety area along the north edge of Taxiway B between Taxiway B3 and Taxiway B2 to meet current FAA criteria	\$ 14,200
2230054000	SSF AGIS Survey	6/30/2020	Gonzalez De La Garza & Associates, LLC	Ayda Gonzalez	(210) 208-9400	Provided QA/QC services for Gonzalez de la Garza on the AGIS survey work being performed by Woolpert	\$ 11,104
2101797006	Detroit DTWN Term Exp Study	7/1/2020	Wayne County Airport Authority	John Paul Minear	(734) 247-7370	Conduct a high-level planning assessment to determine whether the CDF, as currently designed, would conflict with a planned extension of the North Terminal into the area formerly occupied by the LC Smith Terminal	\$ 37,648
2321736005	PHL Drainage Improvements	7/8/2020	City of Philadelphia, Division of Aviation	Allan Moore	215-937-6942	Runway 17 Drainage Improvements	\$ 316,000
2060501009	FLL Tunnel Fire Detect. Study	7/13/2020	Cartaya and Associates, Architects, P.A.	Roger Lebida	(954) 771-2724	Assessment and recommendation report for replacing the existing heat detection system in the runway and taxiway airfield tunnels	\$ 11,017
2181853001	CLE Feasibility of R/W 6R-24L Reconstruct	7/20/2020	City of Cleveland	Nicholas Belluardo	(216) 265-3310	Runway 6R-24L Reconstruction Justification document under the on-call planning services contract	\$ 99,730
2321736015	PHL T/W U and Y - PDD	7/22/2020	City of Philadelphia, Division of Aviation	Lia Sutanto	215-863-3469	Program Definition Document (PDD) for the Mill and Overlay of Taxiways U and Y which are connected to the UPS apron	\$ 63,800
2013546004	SAV Jumbo GAF	7/31/2020	Savannah Airport Commission	Mark A. Denmark	912 964 0514	Design of a new, stand-alone 18,367 sq ft GA/FIS facility located adjacent to the existing air traffic control tower	\$ 1,216,724
2100016007	MBS RW 5-23 Rehab CA	7/31/2020	MBS International Airport Commission	James Canders	(989) 695-5555 ext 13	CA Services for the rehab of Runway 5-23	\$ 442,545
2120003014	CLL Emergency Repairs RW17/35	7/31/2020	Easterwood Airport Management, LLC	Kevin Davis	(704) 216-7749	Provided engineering and CA services for the emergency repair cracking along the centerline of Runway 17-35	\$ 2,908
2130823011	ORD RW 9R-27L Ext West Pkg CPS	7/31/2020	Chicago Aviation Runway Designers	Alex Leon	(773) 462-7531	Construction phase services for the Runway 9R-27L Extension – West Package	\$ 176,001
2250025000	Lewiston Runway 12-30 Rehabilitation	7/31/2020	T-O Engineers, Inc.	Dave Mitchell	(208) 323-2288	Reconstruction of Runway 12-30 from 100 ft wide to 75 ft	\$ 76,260
2031982000	Donaldson Field GYH Twxy B Rehab IFE	8/6/2020	South Carolina Technology and Aviation Center	Danny Moyd	(864) 277-3152	Project consists of performing an IFE for construction services to be performed on the Taxiway B Rehab	\$ 3,000
2220003010	Manassas R/W 16R-34L Rehab	8/14/2020	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Pavement rehabilitation and replacement of all edge lighting, signage, and navigational aids (PAPIs and REILs) with new LED technology	\$ 324,658

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Project No. (RSS&I Project No.)	Project Name	Dates		Client Contact Name	Client Contact Phone		
2140064000	CID West T Hangar Reloc IFE	8/15/2020	The Eastern Iowa Airport	Don Swanson	(319) 731-5715	IFE for design and bidding services for the West T Hangar Relocation and West GA Apron Expansion	\$ 6,500
2180058000	Toledo Express TW D Light/Sign CA/RPR	8/15/2020	Toledo Lucas County Port Authority	Stephen L Arnold	419-865-2351	Replacement of existing taxiway edge lighting and signage systems, including cabling and electrical vault infrastructure on Taxiway D	\$ 79,000
2032770000	RDU Terminal 1 Gate Activation A1-A4	8/21/2020	Gensler	Thomas Ragsdale	919-327-1872	Ramp modifications to Terminal 1 apron at RDU to permit larger aircraft to access gates	\$ 109,069
2010052007	Pensacola Txyw A-Apron Separation	8/25/2020	Pensacola Airport/City of Pensacola	Daniel E. Flynn	850-436-5000	Design, bidding, and CA services associated with the removal of the existing apron taxilane and installation of a new taxilane marking to provide proper wingtip separation distance between Taxiway A and the terminal apron taxilane	\$ 47,017
2240001010	Eugene Terminal Taxiways CATEX	8/27/2020	The City of Eugene, Oregon	Cathryn Stephens	541-682-5430	Terminal Taxiways CATEX	\$ 79,223
2100289004	Lansing Cargo Ramp Exp CA/RPR	8/31/2020	Capital Region Airport Authority	Ron O'Neil	(517) 886-3729	Construction phase services related to Phase I of the Cargo Apron Expansion. The project received an Award of Excellence from the Michigan Concrete Association	\$ 367,222
2270347006	AMA TWY P4 & J Repackage	9/16/2020	City of Amarillo	Michael W. Conner	8063351671	This project involved the relocation of existing Taxiway P4 (North) and the reconstruction of existing Taxiway J	\$ 14,286
2231879001	ELP TO1 FY20 Misc Services	9/27/2020	Ricondo & Associates, Inc.	Bonnie Deger Ossege	(513)651-4700 x211	On-Call Planning Task Order for Miscellaneous Services for FY 20	\$ 15,000
2250005032	Boise Cargo Expansion CATEX	9/30/2020	City of Boise / Aviation Department	Matt Petaja	208 972 8392	This CATEX analyzed the environmental effects of constructing a new cargo facility on the south side of the Airport	\$ 33,187
2321736002	PHL Tidegate Improv & Drainage Study	9/30/2020	City of Philadelphia, Division of Aviation	Sobi Babu	215-937-5499	Runway 9R Tidegate Improvements and Fort Mifflin Drainage Study	\$ 344,596
2321736009	PHL Miscellaneous Advisory Services	9/30/2020	City of Philadelphia, Division of Aviation	Lia Sutanto	215-863-3469	Task order to provide Miscellaneous advisory and consulting services. Services include the peer review of planning and design documents at the airports request to supplement concurrent review efforts by the airport and the designers QA/QC review team	\$ 65,000
2321736014	PHL Term D/E Apron Repair	9/30/2020	City of Philadelphia, Division of Aviation	Lia Sutanto	215-863-3469	Isolated panel repair/replacement at the apron between Terminals D & E	\$ 410,000
2100016006	MBS Part Parallel TW & Apron	10/1/2020	MBS International Airport Commission	Jeff Nagel	989-695-5555 x8	Construction of a partial parallel taxiway to Runway 14-32 that connected Taxiway C to the end of Runway 14	\$ 317,000
2123454000	Houston Bush Recon TW WA & WB	10/1/2020	City of Houston - Houston Airport System (HAS)	Cynthia Straughan	(281) 233-1695	Complete a reconstruction of Taxiways WA and WB after previous reconstruction ended with pavement failure	\$ 3,252,157
2032575001	ILM Avis Rental Car Service Center	10/11/2020	New Hanover County Airport Authority	A. Granseur Dick	(910) 341-4333 X 1016	Coordinated the construction activities and reviewed documentation for the construction of the consolidated rental car facility building	\$ 244,889
2430004046	Lafayette PCI Integration	10/16/2020	Lafayette Airport Commission	Daniel S. Elsea	(337) 266-4401	Trained airport staff to conduct PCI surveys, reviewed data and assigned PCN for airfield pavements, developed a pavement management program in accordance with FAA Advisory Circulars, as well as determined pavement classification number for select runways and taxiways	\$ 68,034
2241812002	COS Runway 17R-35L Rehab	10/22/2020	City of Colorado Springs	Steven Gaeta	719-550-1948	Completed construction plans, technical specifications, and reports along with bidding phase services for the rehabilitation (mill/fill) of Runway 17R-35L and the associated connector taxiways to the hold bars	\$ 1,391,165
2260015012	SBP RW 11-29 CATEX Update	10/27/2020	San Luis Obispo County	Craig A Piper	805 781 4376	Preparation of an update to the simple written record CATEX in accordance with FAA Airports Division Standard Operating Procedure 5.1 and FAA Order 1050.1F	\$ 6,500
2241812005	COS Taxilane Improvements	10/31/2020	City of Colorado Springs	Steven Gaeta	719-550-1948	Civil design, bidding services, and CA services for taxilane improvements	\$ 132,483
2149554042	SUX North Hangar Drainage CA RPR	11/1/2020	City of Sioux City	Michael Collett	(712) 279-6165	Provided Construction Services for Taxiway and Apron rehabilitation	\$ 116,206
2181858003	TOL Taxiway D Rehab Design	11/1/2020	Toledo Lucas County Port Authority	Stephen L Arnold	419-865-2351	Design services for the rehabilitation of Taxiway D. Taxiway D is a parallel taxiway to the primary runway (Runway 7-25)	\$ 294,000
2241812001	COS Deicing Apron Design	11/4/2020	City of Colorado Springs	Steven Gaeta	719-550-1948	Design of an eight-acre deice apron and connector taxiway on the west side of Taxiway E, just north of the Arrival/Departure Airfield Control Group (A/DACG) Facility	\$ 749,485
2149554041	SUX Taxiway A (Between B & C) Design	11/16/2020	City of Sioux City	Michael Collett	(712) 279-6165	Design work for Rehabilitation of Taxiway A	\$ 244,858
2010251012	Okaloosa Destin T/W A Rehab	11/27/2020	Okaloosa County Board of County Commissioners	Robert Rogers	850-651-7160 x1055	Crack seal and seal coat on existing Taxiway A pavement	\$ 70,045
2422440021	SJO PCI Update 2019	11/30/2020	AERIS Holding Costa Rica S.A.	Eduardo Chamberlain	(506) 437-2400	PCI (pavement classification index) analysis of the existing runway, taxiway, and apron pavements	\$ 54,500
2102820008	Bishop Master Plan Update 2016	12/3/2020	Bishop International Airport	Joseph Medici	254-298-5350	Airport Master Plan Update to address conflicts between a runway and existing state highway, the need for a new passenger terminal, and innovative approaches to project funding	\$ 735,778
2141735001	Hibbing TW B C D & RW 13-31 Light CA/RPR	12/10/2020	Chisholm-Hibbing Airport Authority	Shaun Germolus	218 262 3452	Design and construction phase services for this project, which included runway and taxiway lights, NAVAIDS, major pavement rehabilitation, and the removal of Taxiway D	\$ 535,425
2130823005	Chicago ORD Twy Z/J Pkg A CPS	12/31/2020	Chicago Aviation Runway Designers	Alex Leon	(773) 462-7531	Professional construction phase services for Package A of the Taxiway Z/J project	\$ 279,984
2180056000	Toledo Express TW N Rehab Design	1/1/2021	Toledo Lucas County Port Authority	Stephen L Arnold	419-865-2351	Provided design services for the Rehabilitation of the Taxiway N from Runway 7-25 to Taxiway B, anticipated to be constructed in the FAA Fiscal Year 19	\$ 106,000
2240054001	Centennial Airport Master Plan	1/15/2021	Arapahoe County Public Airport Authority	Gina Conley	303 790 0598	Master Plan Update: Aircraft Deicing pad; taxiway geometry; aeronautical development; non-aeronautical development; airport GIS; sustainable business development strategy; adjacent incompatible land uses	\$ 665,500
2250005034	BOI - Twy G Geometry Correction CATEX	1/25/2021	City of Boise / Aviation Department	Matt Petaja	208 972 8392	BOI CATEX - Taxiway G	\$ 19,166
2230058005	SAT CATEX Ocotillo and T/W E	1/31/2021	City of San Antonio	Steven Southers	(210) 207-3402	Prepare environmental documentation under the NEPA needed to approve the construction of a new hangar. In addition, the SAAS proposes to construct a new taxiway, to be designated Taxiway "E"	\$ 107,868
2040001123	Part 139 Inspection Analysis	2/1/2021	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Conduct an analysis of each of the discrepancies identified by the FAA and design repairs where necessary	\$ 248,420
2422440014	SJO Phase 3-Block V CD+CA	2/1/2021	AERIS Holding Costa Rica S.A.	Eduardo Chamberlain	(506) 437-2400	Final Design of the west expansion of the passenger terminal building	\$ 583,300
2230056000	LRD RFP Support	2/8/2021	City of Laredo	Alejandro Labrada	(956) 795-2000	Provided assistance preparing RFQ for land development proposal and FBO redevelopment projects	\$ 27,316
2120003009	College Station Crack-Seal and Seal Coat	3/1/2021	Easterwood Airport Management, LLC	Christopher Frank	(979) 775-9900 x112	provided professional engineering services to maintain and extend the service life for airfield pavements	\$ 64,100
2149554038	Sioux City Taxiway C South Design	3/1/2021	City of Sioux City	Michael Collett	(712) 279-6165	Provided design services for Taxiway C (South) rehab	\$ 298,691
2230058006	SAT CATEX / TWY R EA Re-evaluation	3/1/2021	City of San Antonio	Steven Southers	(210) 207-3402	Provided a Taxiway R EA Re-Evaluation Letter, assistance with Section 163 Materials for the Proposed Service Road, and Proposed Service Road CATE	\$ 16,645
2250005031	Boise South Cargo Development Update	3/1/2021	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Develop an exhibit for BOI to use to get potential tenant to commit to a new site location	\$ 15,058

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2250005035	BOI JJC Hangar Development CATEX	3/5/2021	City of Boise / Aviation Department	Matt Petaja	208 972 8392	This Documented CATEX analyzed the environmental impacts associated with the development of a hangar at the Airport	\$ 19,538
2250005036	BOI SE Hangars Development CATEX	3/5/2021	City of Boise / Aviation Department	Matt Petaja	208 972 8392	This Documented CATEX analyzed the environmental impacts associated with the development of two hangars in the southeast portion of the Airport	\$ 23,403
2260018002	SCK Reconstruct GA Apron Area - CATEX	3/18/2021	San Joaquin County	Russell Stark	(209) 468-4409	Reconstruction of apron areas around GA hangars	\$ 9,582
2241812006	COS Deice Apron CA/RPR	3/25/2021	City of Colorado Springs	Steven Gaeta	719-550-1948	CA and RPR services for the construction of a Deice Apron	\$ 984,007
2101797002	Detroit DTW Existing Tower Demo	3/30/2021	Wayne County Airport Authority	Matthew McPhillips	(734) 247-7678	Architectural and engineering design services for determining a demolition scope for the existing deicing tower located at the Runway 21 R deicing pad	\$ 56,995
2240059000	Rocky Mountain Metropolitan Airport FBO	3/30/2021	Tectonic Managment Group, Inc.	Kevin Larson	(303) 403-1228	Construction of a FBO facility, apron expansion, seven hangars, 3 new parking lots, an access road, a new taxiway, and a fuel tank area	\$ 45,805
2040002010	PIE RW 18 Obstruction Removal	3/31/2021	Pinellas County	Angela Dunkel		The purpose of this project is to remove any obstructions (trim or remove trees only) penetrating into the existing FAA FAR Part 77 Approach Surfaces or relevant TERPS Surfaces associated with the approaches to PIE's runways	\$ 58,814
2011702000	Mobile BFM Runway 14-32 Rehab	4/1/2021	Mobile Airport Authority	Russell Stallings	(251) 138-7334	Runway 14-32 Rehabilitation	\$ 566,635
2250005015	Boise TW MF CA/RPR	4/2/2021	City of Boise / Aviation Department	Matt Petaja	208 972 8392	CA/RPR portion of Taxiway M and Taxilane F Rehabilitation project	\$ 280,409
2240062000	COS Deice Apron Drainage Report Amendmen	4/7/2021	Robert Peccia & Associates, Inc.	Rick Donaldson	(406) 447-5000	Revision of the Deice Apron Drainage Report to include USFS air tanker base	\$ 10,000
1040159003	Wash Racks at Starkey Rd Waste Facility	4/13/2021	City of Largo	Mark Meyers	727-587-6700	Modifications to the existing 2 bay truck washing station at the Starkey Road facility	\$ 12,575
2240066000	SNC Hangar Site Evaluation	4/16/2021	Sierra Nevada Corporation	Cynthia Sanchez	(775) 331-0222	This project consisted of a site evaluation, preparation of a conceptual layout plan, preliminary earthwork evaluation, and identifying Necessary drainage improvements that would be required for a future 90,000-sq-ft hangar facility	\$ 35,304
2130100000	IND Apron Rehab PCC Joints Dsgn	5/1/2021	Indianapolis Airport Authority (IAA)	Tony McMichael	(317) 487-5046	Provided design and CA services for the rehabilitation of the terminal apron	\$ 377,997
2030003001	CLT EIS IFE	5/5/2021	City of Charlotte - Aviation Department	Amber Leathers	704-359-4000	IFE for multiple work orders for the FAA's consultant to complete an EIS for the proposed 4th parallel runway and associated improvements	\$ 199,234
2100079000	Grand Ledge Taxiway & Apron - IFE	5/5/2021	City of Grand Ledge	Amee King	(517) 622-7925	IFE	\$ 3,500
2150116001	Austin Terminal Apron Expansion	5/7/2021	Gensler	David Lynch	(512) 867-8100	Terminal and Apron Expansion/Improvements	\$ 4,769,044
2120003008	College Station TW C Realign Rehab	5/14/2021	Easterwood Airport Management, LLC	Kevin Davis	(704) 216-7749	Provided design services, bid-assistance, and limited CA services for the realignment and reconstruction of Taxiway C and the rehabilitation of Taxiway C1	\$ 781,797
2120003011	CLL TWY A Realignment	5/14/2021	Easterwood Airport Management, LLC	Kevin Davis	(704) 216-7749	Provided design and bid phase services for the CLL Taxiway A Realignment and GA Apron expansion project	\$ 515,978
2040002001	PIE Misc Tasks	5/20/2021	Pinellas County	Scott Yarley	(727) 453-7802	Task 1 - 3 IFE for re-design, construction administration and construction management services for the Taxiway Rehabilitation Phase 2 project; Task 2 - Up to 3 SWFWMD inspections of PIE drainage facilities; Task 3 - QA Testing for the 2016 USCG Pavement Rehabilitation project; Task 4 - QA Testing for the Cell Phone Parking Lot project	\$ 26,748
2149554019	Sioux City Taxiway F CA	5/20/2021	City of Sioux City	Michael Collett	712-279-6165	Removed and Replaced a 650' connector taxiway	\$ 187,093
2144681001	Cloquet Rwy 17 35 Rehab	5/21/2021	Carlton County Airport Commission	JinYeene Neumann	218-384-9150	Runway 17-35 Rehabilitation	\$ 151,989
2270040024	DFW RWW 18R ARFF Road Reconstruction TWY C9 to TWY A	5/21/2021	Dallas/Fort Worth International Airport Board	Matt Davis	(972) 574-3200	Runway 18R South ARFF Upgrade	\$ 213,201
2041880024	TPA Preparation of NEPA Documentation for Sheltair Hangars 6 and 7	5/26/2021	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Provided professional services associated with the NEPA documentation for the Sheltair Tampa Hangars 6 and 7 project	\$ 19,248
2260004026	SCK Widen Cargo Apron - Design	5/28/2021	San Joaquin County	Russell Stark	(209) 468-4409	Cargo Apron Widening Design	\$ 662,485
2010052012	PNS RWW 8-26 ROFA Roadway Realignments	5/31/2021	Pensacola Airport/City of Pensacola	Daniel E. Flynn	850-436-5000	Design, bidding, and CA services for the realignment of a section of Jerry Maygarden Road, South of Runway 26 and a section of the existing Maintenance Road northeast of Runway 8	\$ 199,763
2260004033	SCK Taxiway D Rehab - Design, CA, RPR	5/31/2021	San Joaquin County	Russell Stark	(209) 468-4409	Completed the rehabilitation of rapidly deteriorating pavement on the airport's sole access taxiways to their cargo apron area	\$ 536,188
2100055000	FNT Taxiway A Geometry	6/1/2021	Bishop International Airport	Chris Yeates	(810) 235-6560	Reconfiguration of Taxiways A1 and A2 to meet current geometric standards	\$ 281,000
2100082000	Adrian Runway 5-23 CA IFE	6/3/2021	Lenawee County, MI	Joseph Malak	(517) 265-8993	IFE	\$ 3,500
2121876004	CLL TWY A Realign Design/Bid Ph 1	6/4/2021	Easterwood Airport Management, LLC	Kevin Davis	(704) 216-7749	Realignment of north Taxiway A from Runway-17 to the GA Apron, including 2 connector taxiways and associated drainage, electrical, and grading	\$ 166,806
2100016008	MBS Part Parallel TW CA	6/10/2021	MBS International Airport Commission	James Canders	(989) 695-5555 ext 13	Partial Parallel Taxiway Construction Administration	\$ 295,000
2100084000	MKG Twy A Prelim Design IFE	6/10/2021	Muskegon County	Joel Burgess	(414) 271-1111	IFE for 30% design documents	\$ 3,499
2260015001	Oceano MP NEPA/CEQA	6/18/2021	San Luis Obispo County	Craig A Piper	805 781 4376	prepare the NEPA and California Environmental Protection Act (CEQA) documents required for approval	\$ 323,586
2240072000	GJT Runway 4/22 Rehab - IFE	6/24/2021	Grand Junction Regional Airport Authority	Sarah L Menge	(970) 244-9100	Performed an IFE for the Runway 4-22 Rehabilitation project	\$ 5,000
2144681003	COQ Runway 7 25 CA RPR	6/30/2021	Carlton County Airport Commission	Mark Linne	(218) 384-9123	Major Rehab for Runway 17-35, partial taxiway & Apron, Fuel Farm Relocation & Closeout	\$ 151,414
2040001120	Taxiway E-North End Mill & Overlay	7/1/2021	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Design and CA Services associated with a mill and overlay of the north end of Taxiway E	\$ 49,053
2121876002	CLL Crack Seal CA/RPR Services	7/1/2021	Easterwood Airport Management, LLC	Kevin Davis	(704) 216-7749	Design and CA Services for airfield crack seal and seal coat	\$ 97,967
2140070000	CID Cargo Apron Phase 2 IFE	7/1/2021	The Eastern Iowa Airport	Don Swanson	(319) 731-5715	CID Cargo Apron Phase 2 IFE	\$ 6,500
2250005043	BOI Conc A Apron	7/1/2021	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Provides miscellaneous planning services to determine design criteria related to proposed Concourse A and the surrounding area	\$ 62,058
2181854001	Clinton County RW Lighting Rehab Design	7/7/2021	Clinton County	Melody Waldmann	(937) 725-1946	Design of new LED runway lighting runway circuit	\$ 107,615
2270040026	DFW Runway 18R-36L Rehab Digital Twin	7/21/2021	Dallas/Fort Worth International Airport Board	Mohammed Rehman	(972) 574-3200	This project involved the creation of Civil 3D elements of the Runway 18R-36L Rehab project for DFW's digital twin platform	\$ 95,279

(a) Contract Numbers and Dates			(b) Awarding Authority	(c) Contact Name and Phone Number		(d) Description & Success of Performance	(e) Total Dollar Amount
Project No. (RS&H Project No.)	Project Name	Dates		Client Contact Name	Client Contact Phone		
2100081000	Grosse Ile Taxiway A Rehab IFE	7/22/2021	Township of Grosse Ile	Michael Duker	(734) 675-0155	IFE of the Design Services for the Taxiway A East Reconstruction (Pavement and Lighting) at Grosse Ile Municipal Airport (Pavement and Lighting)	\$ 3,500
7401781001	City-Charlottesville W. Main St DD (RHI)	7/27/2021	Rhodeside & Harwell, Inc.	Marty Silman	(434) 970-3991	This streetscape improvement project will upgrade the connection between downtown Charlottesville, the University of Virginia, and surrounding communities	\$ 60,014
2041880023	TPA Preparation of NEPA Documentation for Jet ICU Hangar	7/28/2021	Hillsborough County Aviation Authority	Max Marble	(813) 870-8703	Provided professional services associated with the NEPA process for a new hangar. Jet ICU, an existing tenant at the Airport, seeks to relocate from an existing hangar north of Runway 10-28 along Air Cargo Road to the southeast side of the Airport property along Airport Service Road	\$ 18,965
2231840016	SSF Obstruction Survey	7/30/2021	City of San Antonio	Debbie Drew	210.207.3896	Provided obstruction evaluation services	\$ 39,202
2261738015	LAWA LAX TWY P CA	7/30/2021	City of Los Angeles	Mark Vicelja	(310) 646-7553	Prepared contract documents including plans, specifications, estimates of probable construction cost, and construction safety and phasing plans for constructing the new taxiway	\$ 1,550,000
2100088000	BEH Taxiway D Rehab Design IFE	8/1/2021	Southwest Michigan Regional Airport	Vincent DeJsardins	(269) 927-3194 Ext 11	IFE	\$ 4,300
2140065000	RST IFE RW 02/20 Phase 2 TW B Design	8/1/2021	Rochester Airport Company	Kurt Claussen	(507) 282-2328	IFE	\$ 6,100
2260004020	SCK Terminal Assessment	8/2/2021	San Joaquin County	Russell Stark	(209) 468-4409	Assessment of existing terminal, development of concepts for a new four-gate facility	\$ 316,247
2250005044	BOI Correction of TWY Geometry TW D & A3	8/17/2021	City of Boise / Aviation Department	Matt Petaja	208 972 8392	Documented CATEX for the correction of taxiway geometry of Taxiways D and A3 at the Airport	\$ 20,050
2220003014	HEF LOMR T/W G and T/W Y	8/24/2021	City of Manassas, Virginia	Juan E. Rivera	703-361-1882	Assisting the Airport with the preparation and submittal of the Letter of Map Revision (LOMR) to the FEMA for the Taxiway G and Taxilane Y construction	\$ 26,883
2241777003	FMM Runway 14-32 Seal Coat	8/27/2021	City of Fort Morgan	Brent Nation	(970) 542-3960	Seal Coat and Markings Design for Runway 14-32	\$ 39,480
2430004090	LFT RWY 4R-22L 2020 Services	9/12/2021	Lafayette Airport Commission	Steven L. Picou	(337) 266-4401	Participate in on-going litigation related to Runway 4R-22L	\$ 5,413
2130823014	ORD 9R-27L Ext EOWA Tollway Coordination	9/30/2021	Chicago Aviation Runway Designers	Alex Leon	(773) 462-7531	Close coordination was required with the Illinois Tollway Authority due to the extension of the 9R approach lighting system across the future planned Elgin O'Hare Western Access (I-490) Tollway on the west side of the airport	\$ 51,324
2181766013	Henry County RW 10-28 Rehab Design	10/1/2021	Henry County Airport Authority	Tom Parker	419.592.4898	Design asphalt pavement rehabilitation (mill/fill), reduce runway width from 65ft to 60ft, replace runway edge lighting, and install new electrical vault	\$ 291,313
2260015015	SBP Terminal Apron Planning	10/15/2021	San Luis Obispo County	Craig A Piper	805 781 4376	Evaluated commercial aircraft parking and movement options for the SBP terminal apron resulting from increased interest from airline operators that would introduce new aircraft types to operations at the airport	\$ 12,600
2030068001	RDU GA Apron Inlet Repairs	11/8/2021	Raleigh-Durham Airport Authority	Victor Malcolm	919-840-7729	This project included the evaluation and repair of multiple GA apron inlets	\$ 35,206
2131823002	IND Runway 5R/23L Owner Review Services	11/17/2021	Indianapolis Airport Authority (IAA)	Tony McMichael	(317) 487-5046	Provided independent review of the full deliverable packages for the runway program	\$ 140,183
2260019003	SCK Rehab Hangar Apron-TW Areas - Design	11/23/2021	San Joaquin County	Helene Nussbaumer	(209) 468-4409	Provided design services for full-depth reconstruction of approximately 50,000 sq yd of asphalt pavement, subdrains, and surface drainage improvements including new inlets and storm pipes, and waterline removal and replacement	\$ 416,435

**LOS ANGELES WORLD AIRPORTS
CONTRACTOR RESPONSIBILITY PROGRAM
PLEDGE OF COMPLIANCE**

The Los Angeles World Airports (LAWA) Contractor Responsibility Program (Board Resolution #21601) provides that, unless specifically exempted, LAWA contractors working under contracts for services, for purchases, for construction, LAWA licensees with licenses, agreements or permits issued under the Certified Service Provider Program, and LAWA tenants with leases, that require the Board of Airport Commissioners' approval shall comply with all applicable provisions of the LAWA Contractor Responsibility Program. Bidders and proposers are required to complete and submit this Pledge of Compliance with the bid or proposal or with an amendment of a contract subject to the CRP. In addition, within 10 days of execution of any subcontract, the contractor shall submit to LAWA this Pledge of Compliance from each subcontractor who has been listed as performing work on the contract.

The contractor agrees to comply with the Contractor Responsibility Program and the following provisions:

- (a) To comply with all applicable Federal, state, and local laws in the performance of the contract, including but not limited to, laws regarding health and safety, labor and employment, wage and hours, and licensing laws which affect employees.
- (b) To notify LAWA within thirty (30) calendar days after receiving notification that any government agency has initiated an investigation that may result in a finding that the contractor is not in compliance with paragraph (a).
- (c) To notify LAWA within thirty (30) calendar days of all findings by a government agency or court of competent jurisdiction that the contractor has violated paragraph (a).
- (d) To provide LAWA within thirty (30) calendar days updated responses to the CRP Questionnaire if any change occurs which would change any response contained within the completed CRP Questionnaire. Note: This provision does not apply to amendments of contracts not subject to the CRP and to subcontractors not required to submit a CRP Questionnaire.
- (e) To ensure that subcontractors working on the LAWA contract shall complete and sign a Pledge of Compliance attesting under penalty of perjury to compliance with paragraphs (a) through (c) herein. To submit to LAWA the completed Pledges.
- (f) To notify LAWA within thirty (30) days of becoming aware of an investigation, violation or finding of any applicable federal, state, or local law involving the subcontractors in the performance of a LAWA contract.
- (g) To cooperate fully with LAWA during an investigation and to respond to request(s) for information within ten (10) working days from the date of the Notice to Respond.

Failure to sign and submit this form to LAWA with the bid/proposal may make the bid/proposal non-responsive.

RS&H California, Inc. – 5901 W. Century Blvd, Suite 1030, Los Angeles, CA 90045 310-692-2040

Company Name, Address and Phone Number


Signature of Officer or Authorized Representative

12/20/2021

Date

Joseph P. Jackson – President

Print Name and Title of Officer or Authorized Representative

Airfield Improvement Program at Van Nuys Airport

Project Title

Iran Contracting Compliance Affidavit

IRAN CONTRACTING ACT OF 2010 COMPLIANCE AFFIDAVIT

(California Public Contract Code Sections 2200-2208)

The California Legislature adopted the Iran Contracting Act of 2010 to respond to policies of Iran in a uniform fashion (PCC § 2201(q)). The Iran Contracting Act prohibits bidders engaged in investment activities in Iran from bidding on, submitting proposals for, or entering into or renewing contracts with public entities for goods and services of one million dollars (\$1,000,000) or more (PCC § 2203(a)). A bidder who “engages in investment activities in Iran” is defined as either:

1. A bidder providing goods or services of twenty million dollars (\$20,000,000) or more in the energy sector of Iran, including provision of oil or liquefied natural gas tankers, or products used to construct or maintain pipelines used to transport oil or liquefied natural gas, for the energy sector of Iran; **or**
2. A bidder that is a financial institution (as that term is defined in 50 U.S.C. § 1701) that extends twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that person will use the credit to provide goods or services in the energy sector in Iran and is identified on a list created by the California Department of General Services (DGS) pursuant to PCC § 2203(b) as a person engaging in the investment activities in Iran.

The bidder shall certify that at the time of submitting a bid for new contract or renewal of an existing contract, the bidder is **not** identified on the DGS list of ineligible businesses or persons and that the bidder is **not** engaged in investment activities in Iran in violation of the Iran Contracting Act of 2010.

California law establishes penalties for providing false certifications, including civil penalties equal to the greater of \$250,000 or twice the amount of the contract for which the false certification was made; contract termination; and three-year ineligibility to bid on contracts (PCC § 2205).

To comply with the Iran Contracting Act of 2010, the bidder shall provide its vendor or financial institution name, and City Business Tax Registration Certificate (BTRC) if available, in completing ONE of the options shown below.

OPTION #1: CERTIFICATION

I, the official named below, certify that I am duly authorized to execute this certification on behalf of the bidder or financial institution identified below, and that the bidder or financial institution identified below is **not** on the current DGS list of persons engaged in investment activities in Iran and is **not** a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person or vendor, for 45 days or more, if that other person or vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current DSG list of persons engaged in investment activities in Iran.

Vendor Name/Financial Institution (printed) RS&H California, Inc.		BTRC (or n/a) 000252583600018
By (Authorized Signature) <i>Joseph P. Jackson</i>		
Print Name and Title of Person Signing Joseph P. Jackson President		
Date Executed 12/20/2021	City Approval (Signature) (Print Name)	

OPTION #2: EXEMPTION

Pursuant to PCC § 2203(c) and (d), a public entity may permit a bidder or financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enter into, or renew, a contract for goods and services. If the bidder or financial institution identified below has obtained an exemption from the certification requirement under the Iran Contracting Act of 2010, the bidder or financial institution shall complete and sign below and attach documentation demonstrating the exemption approval.

Vendor Name/Financial Institution (printed)		BTRC (or n/a)
By (Authorized Signature)		
Print Name and Title of Person Signing		
Date Executed	City Approval (Signature) (Print Name)	

Equal Benefits Ordinance

LAWA EBO COMPLIANCE

FOR LAWA CONTRACTORS ONLY

City of Los Angeles
Department of Public Works
Bureau of Contract Administration
Office of Contract Compliance
1149 S. Broadway, Suite 300, Los Angeles, CA 90015
Phone: (213) 847-2625 E-mail: bca.eeoe@lacity.org

EQUAL BENEFITS ORDINANCE COMPLIANCE AFFIDAVIT

Prime contractors must certify compliance with Los Angeles Administrative Code (LAAC) Section 10.8.2.1 et seq. prior to the execution of a City agreement subject to the Equal Benefits Ordinance (EBO).

SECTION 1. CONTACT INFORMATION

Company Name: RS&H California, Inc.

Company Address: 5901 W. Century Blvd., Suite 1030

City: Los Angeles State: CA Zip: 90045

Contact Person: Joseph P. Jackson Phone: 310-692-2040 E-mail: joe.jackson@rsandh.com

Approximate Number of Employees in the United States: 1,438

Approximate Number of Employees in the City of Los Angeles: 20

SECTION 2. EBO REQUIREMENTS

The EBO requires City Contractors who provide benefits to employees with spouses to provide the same benefits to employees with domestic partners. Domestic Partner means any two adults, of the same or different sex, who have registered as domestic partners with a governmental entity pursuant to state or local law authorizing this registration, or with an internal registry maintained by the employer of at least one of the domestic partners.

Unless otherwise exempt, the contractor is subject to and shall comply with the EBO as follows:

- A. The contractor's operations located within the City limits, regardless of whether there are employees at those locations performing work on the City Contract; and
- B. The contractor's operations located outside of the City limits if the property is owned by the City or the City has a right to occupy the property, and if the contractor's presence at or on the property is connected to a Contract with the City; and
- C. The Contractor's employees located elsewhere in the United States, but outside of the City Limits, if those employees are performing work on the City Contract.

A Contractor must post a copy of the following statement in conspicuous places at its place of business available to employees and applicants for employment:

"During the performance of a Contract with the City of Los Angeles, the Contractor will provide equal benefits to its employees with spouses and its employees with domestic partners."

LAWA EBO COMPLIANCE

SECTION 3. COMPLIANCE OPTIONS

I have read and understand the provisions of the Equal Benefits Ordinance and have determined that this company will comply as indicated below:

- ☐..... I have no employees.
- ☐..... I provide no benefits.
- ☐..... I provide benefits to employees only. Employees are prohibited from enrolling their spouse or domestic partner.
- ☒..... I provide equal benefits as required by the City of Los Angeles EBO.
- ☐..... I provide employees with a "Cash Equivalent." Note: The "Cash Equivalent" is the amount of money equivalent to what your company pays for spousal benefits that are unavailable for domestic partners, or vice versa.
- ☐..... All or some employees are covered by a collective bargaining agreement (CBA) or union trust fund. Consequently, I will provide Equal Benefits to all non-union represented employees, subject to the EBO, and will propose to the affected unions that they incorporate the requirements of the EBO into their CBA upon amendment, extension, or other modification of the CBA.
- ☐..... Health benefits currently provided do not comply with the EBO. However, I will make the necessary changes to provide Equal Benefits upon my next Open Enrollment period which begins on (Date) _____.
- ☐..... Our current company policies, i.e., family leave, bereavement leave, etc., do not comply with the provisions of the EBO. However, I will make the necessary modifications within three (3) months from the date of this affidavit.

SECTION 4. DECLARATION UNDER PENALTY OF PERJURY

I understand that I am required to permit the City of Los Angeles access to and upon request, must provide certified copies of all company records pertaining to benefits, policies and practices for the purpose of investigation or to ascertain compliance with the Equal Benefits Ordinance. Furthermore, I understand that failure to comply with LAAC Section 10.8.2.1 et seq., Equal Benefits Ordinance may be deemed a material breach of any City contract by the Awarding Authority. The Awarding Authority may cancel, terminate or suspend in whole or in part, the contract; monies due or to become due under a contract may be retained by the City until compliance is achieved. The City may also pursue any and all other remedies at law or in equity for any breach. The City may use the failure to comply with the Equal Benefits Ordinance as evidence against the Contractor in actions taken pursuant to the provisions of the LAAC Section 10.40, et seq., Contractor Responsibility Ordinance.

RS&H California, Inc. will comply with the Equal Benefits Ordinance requirements
Company Name
as indicated above prior to executing a contract with the City of Los Angeles and will comply for the entire duration of the contract(s).

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am authorized to bind this entity contractually.

Executed this 20th day of December, in the year 2021, at Los Angeles, CA

(City) (State)
Joseph P. Jackson
Signature
5901 W. Century Blvd, Suite 1030
Mailing Address
Los Angeles, CA 90045
City, State, Zip Code
26-2434974
EIN/TIN
Joseph P. Jackson
Name of Signatory (please print)
President
Title

Insurance



RISK MANAGEMENT DIVISION
INSURANCE REQUIREMENTS

NAME/TITLE: VNY AIRFIELD IMPROVEMENT PROJECT
AGREEMENT/ACTIVITY: RFP / Provide Complete Professional Engineering Design and Construction Administration Services for Airfield Improvement Project in VNY
LAWA DIVISION: The Development Group
WIZARD ID NO.: 9938

The insured must maintain insurance coverage at limits normally required of its type operation; however, the following coverage noted with an "X" is the minimum required and must be at least the level of the limits indicated. All policies must be occurrence based with the minimum required per occurrence limits indicated below.

	LIMITS
<input checked="" type="checkbox"/> Workers' Compensation (Statutory)/Employer's Liability	<u>Statutory</u>
<input checked="" type="checkbox"/> Waiver of Subrogation (Please see attached supplement)	
<input type="checkbox"/> Voluntary Compensation Endorsement	
<input type="checkbox"/> Hold Harmless Agreement (Owner/Operator Business)	
<input checked="" type="checkbox"/> Commercial Automobile Liability - covering owned, non-owned & hired auto	<u>\$2,000,000 CSL</u>
<input checked="" type="checkbox"/> Aviation/Airport or Commercial General Liability, including the following coverage:	<u>\$2,000,000</u>
<input checked="" type="checkbox"/> Premises and Operations	
<input checked="" type="checkbox"/> Contractual (Blanket/Schedule)	
<input checked="" type="checkbox"/> Independent Contractors	
<input checked="" type="checkbox"/> Personal Injury	
<input checked="" type="checkbox"/> Additional Insured Endorsement (Please see attached supplement)	
<input checked="" type="checkbox"/> Products /Completed Operations (Please see attached supplement)	
<input type="checkbox"/> Hangarkeepers Legal Liab.	
<input type="checkbox"/> Aircraft Liability, including passenger liability	
<input checked="" type="checkbox"/> Explosion, Collapse & Underground - required when work involves digging, excavating, grading or use of explosive materials	
Coverage for Hazardous Substances Must meet contractual requirements	\$
<input checked="" type="checkbox"/> Professional Liability – Claims-made policy: continuous coverage for three years after Contract completion; or three-year extended reporting period beginning after contract completion.	<u>\$1,000,000</u>

CONTRACTOR SHALL BE HELD RESPONSIBLE FOR OWN OR HIRED EQUIPMENT AND SHALL HOLD AIRPORT HARMLESS FROM LOSS, DAMAGE OR DESTRUCTION TO SUCH EQUIPMENT

PLEASE RETURN THIS PAGE WITH EVIDENCE OF YOUR INSURANCE
PLEASE SUBMIT ALL DOCUMENTS TO RISKINSURANCE@LAWA.ORG

INSURANCE REQUIREMENTS FOR LOS ANGELES WORLD AIRPORTS (SUPPLEMENT)

Insurance companies that do not have an AMBEST rating of A- or better, and have a minimum financial size of at least 4, must be reviewed for acceptability by Risk Management

The only evidence of insurance accepted will be either a Certificate of Insurance, or a True and Certified copy of the policy. The following items must accompany the form of evidence provided:

Endorsements:

- General Liability Additional Insured Endorsement
- Ongoing and Products - Completed Operations Endorsement
(ISO Standard Endorsements preferred)
- Workers Compensation Waiver of Subrogation Endorsement
(WC 04 03 06 or similar)

Certificate Holder:

Los Angeles World Airports PO
Box 92216
Los Angeles, CA 90009

A typed legible name of the Authorized Representative must accompany the signature on the Certificate of Insurance and/or the True and Certified copy of the policy.

A blanket/automatic endorsement is not acceptable unless you have a direct contract with LAWA.

Language written on a certificate of insurance is not acceptable as an endorsement.

Insurance

Contractor shall procure at its own expense, and keep in effect at all times during the term of this Agreement, the types and amounts of insurance specified herein. The specified insurance shall also, either by provisions in the policies or by endorsement attached to such policies, specifically name the City of Los Angeles, Los Angeles World Airports, its Board of Airport Commissioners (hereinafter referred to as "Board"), and all of its officers, employees, and agents, their successors and assigns, as additional insureds, against the area of risk described herein as respects Contractor's acts or omissions in its operations, use and occupancy of the premises hereunder or other related functions performed by or on behalf of Contractor on Airport.

With respect to Workers' Compensation, the Contractor shall, by specific endorsement, waive its right of subrogation against the City of Los Angeles, Los Angeles World Airports, its Board, and all of its officers, employees and agents, their successors and assigns.

Each specified insurance policy (other than Workers' Compensation and Employers' Liability and fire and extended coverages) shall contain a Severability of Interest (Cross Liability) clause which states, "It is agreed that the insurance afforded by this policy shall apply separately to each insured against whom claim is made or suit is brought except with respect to the limits of the company's liability," and a Contractual Endorsement which shall state, "Such insurance as is afforded by this policy shall also apply to liability assumed by the insured under this Agreement with the City of Los Angeles."

All such insurance shall be primary and noncontributing with any other insurance held by City's Department of Airport where liability arises out of or results from the acts or omissions of Contractor, its agents, employees, officers, assigns, or any person or entity acting for or on behalf of Contractor.

Such policies may provide for reasonable deductibles and/or retentions acceptable to the Chief Executive Officer of the Department of Airport (hereinafter referred to as "Chief Executive Officer") based upon the nature of Contractor's operations and the type insurance involved.

City shall have no liability for any premiums charged for such coverage(s). The inclusion of City, its Department of Airports, its Board, and all of its officers, employees and agents, and their agents and assigns, as insureds, is not intended to, and shall not, make them, or any of them a partner or joint venture with Contractor in its operations at Airport.

In the event Contractor fails to furnish City evidence of insurance and maintain the insurance as required, City, upon ten (10) day prior written notice to comply, may (but shall not be required to) procure such insurance at the cost and expense of Contractor, and Contractor agrees to promptly reimburse City for the cost thereof plus fifteen percent (15%) for administrative overhead.

At least ten (10) days prior to the expiration date of any of the above policies, documentation showing that the insurance coverage has been renewed or extended shall be filed with City. If such coverage is canceled or reduced, Contractor shall, within fifteen (15) days of such cancellation or reduction of coverage, file with City evidence that the required insurance has been reinstated or provided through another insurance company or companies.

Contractor shall provide proof of all specified insurance and related requirements to City either by production of the actual insurance policy(ies), by a broker's letter acceptable to the Chief Executive Officer in both form and content in the case of foreign insurance syndicates, or by other written evidence of insurance acceptable to the Chief Executive Officer. The documents evidencing all specific coverages shall be filed with City prior to commencement of this contract. The documents shall contain the applicable policy number, the inclusive dates of policy coverages and the insurance carrier's name, shall bear signature and the typed name of an authorized representative of said carrier, and shall provide that such insurance shall not be subject to cancellation, reduction in coverage or nonrenewal except after written notice by certified mail, return receipt requested, to the City Attorney of the City of Los Angeles at least thirty (30) days prior to the effective date thereof.

City and Contractor agree that the insurance policy limits specified herein shall be reviewed for adequacy annually throughout the term of this Agreement by Chief Executive Officer, who may thereafter require Contractor to adjust the amounts of insurance coverage to whatever amount Chief Executive Officer deems to be adequate. City reserves the right to have submitted to it, upon request, all pertinent information about the agent and carrier providing such insurance.

City Held Harmless

To the fullest extent permitted by law, Contractor shall defend, indemnify and hold harmless City and any and all of City's Boards, officers, agents, employees, assigns and successors in interest from and against any and all suits, claims, causes of action, liability, losses, damages, demands or expenses (including, but not limited to, attorney's fees and costs of litigation), claimed by anyone (including Contractor and/or Contractor's agents or employees) by reason of injury to, or death of, any person(s) (including Contractor and/or Contractor's agents or employees), or for damage to, or destruction of, any property (including property of Contractor and/or Contractor's agents or employees) or for any and all other losses, founded upon or alleged to arise out of, pertain to, or relate to the Contractor's and/or Sub-Contractor's performance of the Contract, whether or not contributed to by any act or omission of City, or of any of City's Boards, officers, agents or employees. Provided, however, that where such suits, claims, causes of action, liability, losses, damages, demands or expenses arise from or relate to Contractor's performance of a "Construction Contract" as defined by California Civil Code section 2783, this paragraph shall not be construed to require Contractor to indemnify or hold City harmless to the extent such suits, causes of action, claims, losses,

demands and expenses are caused by the City's sole negligence, willful misconduct or active negligence. Provided further that where such suits, claims, causes of action, liability, losses, damages, demands or expenses arise from Consultant's design professional services as defined by California Civil Code section 2782.8, Consultant's indemnity obligations shall be limited to allegations, suits, claims, causes of action, liability, losses, damages, demands or expenses arising out of, pertaining to, or relating to the Consultant's negligence, recklessness or willful misconduct in the performance of the Contract.

In addition, Contractor agrees to protect, defend, indemnify, keep and hold harmless City, including its Boards, Departments and City's officers, agents, servants and employees, from and against any and all claims, damages, liabilities, losses and expenses arising out of any threatened, alleged or actual claim that the end product provided to LAWA by Contractor violates any patent, copyright, trade secret, proprietary right, intellectual property right, moral right, privacy, or similar right, or any other rights of any third party anywhere in the world. Contractor agrees to, and shall, pay all damages, settlements, expenses and costs, including costs of investigation, court costs and attorney's fees, and all other costs and damages sustained or incurred by City arising out of, or relating to, the matters set forth above in this paragraph of the City's "Hold Harmless" agreement.

In Contractor's defense of the City under this Section, negotiation, compromise, and settlement of any action, the City shall retain discretion in and control of the litigation, negotiation, compromise, settlement, and appeals there from, as required by the Los Angeles City Charter, particularly Article II, Sections 271, 272 and 273 thereof.

Survival. The provisions of this section shall survive the expiration or earlier termination of this Agreement.

Hazardous and Other Regulated Substances

(a) Contractor's performance under this Contract and/or occupancy or use of any LAWA property shall be in full compliance with any and all applicable present and future rules, regulations, restrictions, ordinances, statutes, laws and/or other orders of any governmental entity regarding the use, storage, handling, distribution, processing and/or disposal of hazardous wastes, extremely hazardous wastes, hazardous substances, hazardous materials, hazardous chemicals, toxic chemicals, toxic substances, pollutants, contaminants or other similarly regulated substances (hereinafter referred to as "hazardous substances"). Said hazardous substances shall include, but shall not be limited to, mold, gasoline, aviation, diesel and jet fuels, lubricating oils and solvents. Contractor agrees that any damages, penalties or fines levied on City and/or Contractor as a result of Contractor's noncompliance with any of the above shall be the sole responsibility of Contractor and further, that Contractor shall indemnify and pay and/or reimburse City for any damages, penalties or fines that City pays as a result of noncompliance with the above.

(b) In the case of any hazardous substance spill, contamination, leak, discharge or improper storage affecting LAWA property caused or contributed to by Contractor or its employees, servants, agents, contractors or subcontractors, Contractor agrees to make or cause to be made any necessary repairs or corrective actions as well as to clean up and remove any leakage, contamination or contaminated ground to the satisfaction of Chief Executive Officer. If Contractor fails to repair, cleanup, properly dispose of or take any other corrective actions as required herein, City may (but shall not be required to) take all steps it deems necessary to properly repair, clean up or otherwise correct the conditions resulting from the spill, leak or contamination. Any such repair, clean-up or corrective actions taken by City shall be at Contractor's sole cost and expense and Contractor shall indemnify and pay for and/or reimburse City for any and all costs (including any administrative costs) City incurs as a result of any repair, clean-up or corrective action it takes.

(c) Contractor shall promptly supply City with copies of all notices, reports, correspondence and submissions made by Contractor to any governmental entity regarding any hazardous substance spill, leak, discharge or clean-up including all test results.

(d) The provisions of this section shall survive the expiration or earlier termination of this Agreement.



1. **When should I comply with the Insurance Requirements?** The Risk Management Division's Insurance Compliance section is the first place to start if your proposal has been accepted or you have been awarded the bid. You cannot perform any work for the Department without approved evidence of insurance. Please be aware that if current evidence of insurance is not on file with the Insurance Compliance Section, invoices cannot be processed, badges cannot be issued and permits cannot be processed.

THE ACCOUNTING DIVISION HAS BEEN INSTRUCTED BY THE CITY CONTROLLER NOT TO PROCESS INVOICES UNLESS CURRENT EVIDENCE OF INSURANCE IS IN PLACE.

2. **What does LAWA consider as Acceptable Evidence of insurance?** The only evidence of insurance acceptable is either a Certificate of Insurance and/or a True and Certified copy of a policy. The following items must accompany the form of evidence provided:
 - a. A copy of the Waiver of Subrogation Endorsement **specifically** naming Los Angeles World Airports on the schedule is required for Workers' Compensation. **A BLANKET ENDORSEMENT AND/OR LANGUAGE ON A CERTIFICATE OF INSURANCE IS NOT ACCEPTABLE.**
 - b. A copy of the Additional Insured Endorsement (CG 20 10 11 85 or similar) **specifically** naming Los Angeles World Airports on the schedule is required for General Liability. **A BLANKET ENDORSEMENT AND/OR LANGUAGE WRITTEN ON A CERTIFICATE OF INSURANCE IS NOT ACCEPTABLE UNLESS YOU HAVE A DIRECT CONTRACT WITH LAWA.**
 - c. The Certificate of Insurance and/or the True and Certified copy of the policy must be signed by the Authorized Representative.
 - d. A copy of the Schedule of Underlying Coverage/Insurance is required for the Excess policy.
3. **Is there an added cost to add Los Angeles Worlds Airports as Additional Insured?** Possibly; there usually is an added cost to doing this. This fact should be considered when you are formulating your costs for the bid or proposal. Check with your insurance agent or broker as .
4. **How can I obtain information on your Insurance Requirements?** An Insurance Requirement Sheet is included in the Proposal/Bid Package, which specifically outlines the types and amounts of coverage required. This Requirement Sheet should be passed on to your authorized agent/broker for their review. You may also contact us at (424) 646- 5480.
5. **Do I need to prepare more forms if I already have LAWA's evidence of insurance?** No. If you already have current evidence of insurance on file with our Risk Management's Insurance Compliance Section, it is not necessary to complete a new set of forms. Once documentation is in place, you do not need to go through the process for each project. **However**, if the documents submitted are project specific, you will need to submit forms for each project. Therefore it is suggested that forms submitted indicate they are for the maximum coverage required and all LAWA projects. Please check with our office to be sure that all coverages are current. Your contract administrator can do this for you as well. Our office maintains a computerized record of your evidence of insurance.

6. **What insurance companies are acceptable to LAWA?** Insurance companies must have an A- or better rating and have a financial size of at least IV to be acceptable to LAWA. We use the A.M. Best Key Rating Guide as our reference.
7. **How long will I need the insurance coverage?** If you are awarded a contract, there will be a provision in your contract which specifically states that it is your responsibility to maintain current evidence of insurance in our files for the contract period.
8. **How long does it take LAWA to process my evidence of insurance?** Evidence of Insurance is processed upon receipt by LAWA. Please submit your evidence of insurance documents to the Risk Management Division's Insurance Compliance Section at riskinsurance@lawa.org, as soon as you are awarded the contract.
9. **When should I complete the evidence of insurance?** Prior to the commencement of this contract, the successful bidder must provide proof of insurance. Do not spend any money to meet the insurance requirements until you are awarded the contract by LAWA. Get an estimate or quote from your insurance agent or broker and factor that into the bid/proposal you are preparing. Enclose a statement, provided on your company letterhead, which states you have reviewed the insurance requirements and that you will provide the required evidence of insurance if you are awarded the contract.

Note for Prime Contractors: Prime Contractors are responsible for ensuring that their Sub-contractors have adequate evidence of insurance coverage appropriate to the work to be performed. At a minimum, if airfield access is involved, the sub- contractor must show \$10 million in coverage, plus endorsements. If no airfield access is involved in the work, the minimum threshold is \$1 million, plus endorsements. In rare cases, if the work is performed entirely off site, there may be no need for evidence of insurance coverage.

10. **Where is the Risk Management Division's Insurance Compliance Section located?**

7301 World Way West
2nd Floor
Los Angeles, CA 90045
riskinsurance@lawa.org
Phone: (424) 646-5480

Office Hours: Monday-Thursday, 7:30 a.m. to 3:30 p.m.
Friday: 7:30 a.m. to 12:00 noon

Closed Holidays and weekends

For more information on LAWA's insurance requirements, visit our webpage at:

<https://www.lawa.org/en/lawa-tenants-411/risk-management/insurance-compliance>

**GUIDANCE FOR SUBMITTING EVIDENCE OF INSURANCE TO THE CITY OF LOS ANGELES,
LOS ANGELES WORLD AIRPORTS**

Coverage & Limits: All insurance requirements established are based on the detailed scope of work and or/nature of your business with the Los Angeles World Airports (LAWA). The coverage and limits for each type of insurance are specified on the Insurance Requirements Sheet (IR Sheet).

Please give your insurance agent/broker a copy of the Insurance Requirements Sheet along with these instructions. All evidence of insurance must be authorized by a licensed insurance agent with authority to bind coverage.

1. **When to submit:** Normally, no work may begin until acceptable insurance is analyzed and approved by the Insurance Compliance Section. Upon approval the Contract Administrator will authorize a Notice to Proceed (NTP). So insurance documents should be submitted as early as practicable.
2. **Acceptable Evidence and Approval:** Electronic submission is the best method of submitting your documents, and designed to make the experience of submitting insurance information quick and easy. LAWA accepts the standard insurance industry form known as the **ACORD 25 Certificate of Liability Insurance**, with applicable endorsements and waiver of subrogation. Other insurance industry certificates that have been approved by the State of California, Broker's Letters, and True and Certified copy of insurance policies may be accepted. The following items (**#4 and #5**) **must accompany the form of evidence provided.**
3. **Additional Insured Endorsements:** (CG20101185 / CG2010 / CG2037 or similar) are required acceptable for the general liability policy. All endorsements must name the **City of Los Angeles, Los Angeles World Airports (LAWA), its Board, and all of its officers, employees and agents** as additional insured's.
4. **Waivers of Subrogation:** Required For Workers Compensation.
5. **Blanket Endorsement or Waiver of Subrogation:** Acceptable only for contracts directly with LAWA. If the policy includes an automatic or blanket additional insured endorsement, the Certificate must state **LAWA** is an automatic or blanket additional insured.
6. **Certificate Language:** Language written on the Certificate of Insurance in the "**Description of Operations Section**" is not acceptable as an endorsement.
7. **Cancellation Notice:** All Certificates must provide a thirty (**30**) **days' cancellation notice provision**, ten (10) days for non-payment of premium).
8. **Self-Insure:** If your agreement requires Workers' Compensation coverage and you have been authorized by the State of California to self-insure, a copy of the certificate from the State consenting to self- insurance must be provided from the State of California as proof of insurance.
9. **Acceptable Insurers:** LAWA uses the A.M. Best Key Rating Guide as our reference. All acceptable insurers must have an A.M. Best **A-VI or better rating** to be acceptable to LAWA.

10. **Transportation Companies:** Passenger Carriers are regulated by the Public Utilities Commission (PUC). Any questions concerning passenger carrier requirements may be directed to the PUC.
- 0-7 passengers.....\$750,000
 - 8-15 passengers.....\$1,500,000
 - 16 or more passengers \$5,000,000
11. **Vehicle Schedules:** Unless “ANY” auto is covered under the automobile policy, a vehicle schedule is required. The schedule issued on behalf of transportation companies must provide the make, model, VIN number and passenger count for every vehicle operating on Airport property.
12. **Multiple Policies:** More than one insurance policy may be required to comply with the insurance requirements.
13. **Underwriter:** In the case of syndicates or subscription policies, indicate lead underwriters or managing agent and attach a schedule of subscribers, including their percentage of participation.
14. **Project Reference:** Include reference of either the specific City agreement (bid, contract, lease, etc.) or indicate “ALL PROJECTS AT LAWA” covered. When coverage is on a scheduled basis, a separate sheet may be attached to the certificate listing such scheduled locations, vehicles, etc.
15. **Excess Insurance:** An Excess Umbrella policy can be provided to assist with meeting the insurance requirement limit(s) when the primary insurance coverage is less than the amount of coverage required for the project.
16. **Expiration and Renewal:** LAWA insurance file expiration coincides with your coverage expiration. Renewal is not automatic. You must provide the Insurance Compliance Section with renewal information. When renewing your insurance file information, the agent/broker/underwriter must provide current endorsements and waivers. The effective date on the Certificate of Insurance must coincide with the endorsements and waivers. Insurance documents cannot be altered and provided as proof of insurance.
17. **Contract Administrator:** Questions regarding your **contract** should be directed to your Contract Administrator or office responsible for your contract, lease, permit or other agreement.

Certificate Holder Information:

**Los Angeles World Airports
Attn: Risk Management Department
P.O. Box 92216
Los Angeles, CA 90009**

All questions relating to insurance should be directed to Risk Management, Insurance Compliance Section at (424) 646-5480.

Delays or failure in submitting acceptable insurance documentation and attachments may result in the withholding of payments, or the interruption and/or discontinuance of operations LAWA.

Email all insurance documentation and Correspondence to: **RISKINSURANCE@LAWA.ORG**

Municipal Lobbying Ordinance

ATTENTION:

The following CEC Form 50 **must** be filled out completely and signed.

If you fail to sign the form or if you submit an incomplete CEC Form 50, your proposal/bid may be deemed non-responsive.

FORM
50

Bidder Certification

Los Angeles City
ETHICS COMMISSION

This form must be submitted with your bid or proposal to the City department that is awarding the contract noted below. If you have questions about this form, please contact the Ethics Commission at (213) 978-1960.

☒ **Original Filing** ☐ **Amendment:** Date of Signed Original _____ Date of Last Amendment _____

Reference Number (Bid, Contract, or BAVN) 201274	Awarding Authority (Department awarding the contract) Los Angeles World Airports (LAWA)
Bidder Name RS&H California, Inc.	
Address 5901 W. Century Blvd, Suite 1030, Los Angeles, CA 90045	
Email Address joe.jackson@rsandh.com	Phone Number 310-692-2050

Certification

I certify the following on my own behalf or on behalf of the entity named above, which I am authorized to represent:

A. I am applying for one of the following types of contracts with the City of Los Angeles:

1. A goods or services contract with a value of more than \$25,000 and a term of at least three months;
2. A construction contract with any value and duration;
3. A financial assistance contract, as defined in Los Angeles Administrative Code § 10.40.1(h), with a value of at least \$100,000 and a term of any duration; or
4. A public lease or license, as defined in Los Angeles Administrative Code § 10.40.1(i), with any value and duration.

B. I acknowledge and agree to comply with the disclosure requirements and prohibitions established in the Los Angeles Municipal Lobbying Ordinance if I qualify as a lobbying entity under Los Angeles Municipal Code § 48.02.

I certify under penalty of perjury under the laws of the City of Los Angeles and the state of California that the information in this form is true and complete.

Joseph P. Jackson

Name

President

Title

Joseph P. Jackson

Signature

12/20/2021

Date

DBE Program

DISADVANTAGED BUSINESS ENTERPRISE (DBE) PROGRAM

Policy Statement

Pursuant to United States Code of Federal Regulations of the U.S. Department of Transportation (DOT), Title 49 CFR Part 26, Executive Directive No. 2001-26 of Mayor Richard Riordan and the Provisions of Resolution No. 19765 of the Board of Airport Commissioners, it is the policy of Los Angeles World Airports (LAWA) to provide Disadvantaged Business Enterprises (DBEs) an equal opportunity to participate in the performance on all LAWA contracts. The objective of this policy is to achieve the participation of DBEs at levels comparable to their availability to provide goods and services to Los Angeles World Airports, with the ultimate goal of developing their status and expertise so that they may compete for future contracts on an equal basis.

Effective January 1, 2014, LAWA will implement a race-conscious Disadvantaged Business Enterprise (DBE) Program. LAWA shall review and, where appropriate, establish levels of participation for DOT-assisted contracts and contract amendments. LAWA also will establish annual goals in accordance with City of Los Angeles and applicable DOT requirements for DBE participants. LAWA will develop an aggressive outreach program, consistent with and complementary to Citywide outreach efforts. Additionally, LAWA's contract awarding procedures and regular compliance monitoring will be used to insure proper and full utilization of DBEs and achievement of contract goals.

The objective of this policy is to achieve the participation of DBEs at levels comparable to their availability to provide goods and services to LAWA with the ultimate goal of developing their status and expertise so that they may compete for future contracts on an equal basis with other successful non-DBE firms. The contractor or subcontractors shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.

Outreach Requirements

LAWA is committed to increasing the number of disadvantaged firms participating in Airport contracts. Bidders/proposers should strive to achieve the level of participation set for each project. Firms may participate in LAWA's contracts as prime contractors, member firms of a joint venture, subcontractors, or suppliers. If the established level is not met, the bidder/proposer must demonstrate that a "good faith effort" was made to secure DBE subcontractors sufficient to reach the set level. Prime bidders/proposers who are DBEs are presumed to have achieved the established level of participation.

Evaluating Good Faith Efforts

It is incumbent on the bidder/proposer to submit appropriate documentation to demonstrate that a "good faith effort" was made to reach out to DBEs. The attached Instructions Regarding Demonstration of Good Faith Effort provide guidelines on such documentation, which must be submitted within three days of notification by LAWA.

Pursuant to 49 CFR, bidders/proposers who achieve the established level of DBE participation may disregard the Instructions Regarding Demonstration of Good Faith Effort. However, in order for firms to be counted toward a bidder's/proposer's DBE participation, they must be certified as DBEs at the time of the bid/proposal due date.

Bidders/proposers who do not achieve the established level of DBE participation and who are determined to have not made a good faith effort will be considered non-responsive for purposes of this bid/proposal.

Subcontractor Listing

Your bid/proposal must also include a completed Subcontractor Participation Plan outlining that portion of the work which will be performed by each listed DBE subcontractor. The plan must include the name and address of the subcontractor, the percentage of the total contract the subcontractor will perform, and the dollar amount the percentage represents. A copy of the required plan is included in this section. Please note that the Subcontractor Participation Plan is signed under penalty of perjury. Any change of subcontractor is subject to the substitution provisions outlined below.

Utilization Reporting Form

A DBE Utilization Form for reporting the actual utilization of DBE firms in every contract is required to be submitted monthly by each prime contractor. A copy of this form will be provided by LAWA prior to the commencement of work. Failure to submit this Utilization Form as required by LAWA shall constitute a breach of contract.

Substitutions of DBE Subcontractor

Prime contractors shall notify LAWA's Procurement Services Division of the need for a substitution as soon as such need is determined, and shall not make a substitution until the Division has been notified, and the substitution has been authorized. Should the substitution result in a lower level of DBE participation, the prime contractor will be required to document good faith effort.

Certification

A firm that wants to be considered a Disadvantaged Business Enterprise for this project must be certified under the Unified Certification Program no later than the due date of the bid/proposal. If you are not certified and wish to obtain Certification Materials, please contact the Centralized Certification Administration at (213) 847-2684 or go to their website <http://bca.lacity.org>.

ATTENTION BIDDERS/PROPOSERS:

*If you intend to use DBE subcontractor(s) on this project, you will receive DBE participation credit from LAWA for using subcontractors certified as a DBE **only** if they have been certified by one of the following California Unified Certification Program (CUCP) agencies:*

CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)
www.dot.ca.gov

CENTRAL CONTRA COSTA TRANSIT AUTHORITY (CCCTA)
www.cccta.org

CITY OF LOS ANGELES
<http://bca.lacity.org>

CITY OF FRESNO
www.ci.fresno.ca.us

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY (METRO)
www.metro.net

SAN FRANCISCO BAY AREA RAPID TRANSIT DISTRICT (BART)
www.bart.gov

SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY (SFMTA)
www.sfmuni.com

SAN MATEO COUNTY TRANSIT DISTRICT (SAMTRANS)/ PENINSULA CORRIDOR JOINT
POWERS BOARD (JPB)
www.samtrans.com

SANTA CLARA VALLEY TRANSPORTATION AUTHORITY (VTA)
www.vta.org

YOLO COUNTY TRANSPORTATION DISTRICT (YOLOBUS)
www.yctd.org

IMPORTANT: It is your responsibility to ensure that the DBE subcontractors you propose to use are indeed certified with one of the above-listed CUCP agencies at the time of bid/proposal submission. Companies certified by CUCP agencies should have a letter of certification as proof of their DBE status. You may want to request a copy of the certification letter from the subcontractors to verify their DBE status. Further, you must ensure that the specific categories of work that the DBEs will perform on the project match the NAICS (North American Industry Classification System) codes for which they were certified in order for you to receive DBE participation credit from LAWA.

LOS ANGELES WORLD AIRPORTS (LAWA)

INSTRUCTIONS REGARDING DEMONSTRATION OF GOOD FAITH EFFORT

It is the policy of the City of Los Angeles to provide all DBEs an equal opportunity to participate in the performance of all City contracts. Bidders must assist the City in implementing this policy by taking all reasonable steps to ensure that all qualified business enterprises including DBEs have an equal opportunity to compete for and participate in City contracts. A bidder's good faith efforts to reach out to DBEs will be determined from written documentation of the level of effort put into achieving the indicators. Failure to meet expected DBE goals will not by itself be the basis for disqualification or determination of noncompliance with this policy. **However, failure to submit supporting documentation of a good faith effort within three days of notification by LAWA and/or failure to achieve a minimum of 75 out of 100 Good Faith Effort evaluation points will render the bid non-responsive and will result in its rejection.** Adequacy of a bidder's good faith effort will be determined by LAWA after consideration of the indicators of good faith as set forth below.

Indicator	Points
1	0
2	10
3	10
4	9
5	15
6	10
7	5
8	10
9	26
10	5
Total	100

Each indicator (2-10) is evaluated on a pass/fail basis, i.e., either full or zero points can be achieved for compliance with each item.

1. LEVEL OF ANTICIPATED DBE PARTICIPATION

NO POINTS

The bidder has made a good faith effort to obtain sub-bid participation by DBEs which could be expected to produce a reasonable level of participation by interested business enterprises, including the DBE percentages set forth for this project.

Required documentation: Completed Subcontractor Participation Plan.

2. ATTENDED PRE-BID MEETING

10 POINTS

The bidder has attended the pre-bid meeting scheduled by LAWA to inform all bidders of the requirements for the project for which the contract will be awarded. LAWA may waive this requirement only if the bidder certifies in writing prior to the pre-bid meeting that it was already informed as to those project requirements.

Required documentation: a) Attend pre-bid meeting and be listed on the attendance sheet; or b) Submit a letter prior to the pre-bid meeting either by fax to (424) 646-9262, or by mail to Procurement Services, 7301 World Way West, 4th floor, Los Angeles, CA 90045.

3. SUFFICIENT WORK IDENTIFIED FOR SUBCONTRACTORS

10 POINTS

The bidder has identified and selected specific work items in the project to be performed by sub-bidders/subcontractors in order to provide an opportunity for participation by DBEs. Upon making this determination, the bidder subdivided the total contract work requirements into smaller portions or quantities to permit maximum active participation of DBEs.

Required documentation: Proof of this must be demonstrated in either Indicator 4 or 5.

4. ADVERTISEMENT

9 POINTS

Not less than ten calendar days prior to the submittal of bids, the bidder advertised for sub-bids from interested business enterprises in one or more daily or weekly newspapers, trade association publications, minority or trade oriented publications, trade journals, or other media specified by LAWA

Required documentation: A copy of the advertisement and a proof of publication statement or other verification which confirms the date the advertisement was published.

Note: The advertisement must be specific to the project, not generic, and may not be a planholder advertisement provided by the publication. It should include the LAWA project name, name of bidder, areas of work available for subcontracting, and a contact person's name and telephone number, information on the availability of plans and specifications and the bidder's policy concerning assistance to subcontractors in obtaining bonds, lines of credit and/or insurance. Consideration will be given to the wording of the advertisement to ensure that it did not exclude or seriously limit the number of potential respondents.

5. WRITTEN NOTICES TO SUBCONTRACTORS

15 POINTS

The bidder has provided written notice of its interest in receiving sub-bids on the contract to those business enterprises, including DBEs having an interest in participation in the selected work items. All notices of interest shall be provided not less than ten calendar days prior to the date the bids are required to be submitted.

Required documentation: A copy of each letter sent to available DBEs for each item of work to be performed. If there is only one master notification, then a copy of the letter along with a listing of all recipients will suffice. Faxed copies must include the fax transmittal confirmation slip showing the date and time of transmission. Mailed letters must include copies of the metered envelopes or certified mail receipts. Letters must contain areas of work to be subcontracted, City of Los Angeles project name, name of the bidder, and contact person's name, address, and telephone number.

* This written notice can be used to satisfy Indicators 3, 7, and 10.

CERTIFICATION AGENCY

(Bidders should contact the following agencies to obtain current copies of MBE/WBE/DBE directories.)

City of Los Angeles
Bureau of Contract Administration
Office of Contract Compliance
1149 S. Broadway St., 300
Los Angeles, CA 90015

(213) 847-1922
(213) 847-2777 FAX
<http://bca.lacity.org>

6. FOLLOW-UP ON INITIAL SOLICITATION

10 POINTS

The bidder has documented efforts to follow-up initial solicitation of sub-bid interest by contacting the affected business enterprises to determine with certainty whether said enterprises were interested in performing specific portions of the project work.

Required documentation: A copy of telephone logs. These logs must include the name of the company called, telephone number, contact person, who did the calling, time, date, and the result of the conversation. Bidders must follow-up with all subcontractors to whom they sent letters.

7. PLANS, SPECIFICATIONS AND REQUIREMENTS

5 POINTS

The bidder has provided interested sub-bid enterprises with information about the plans, specifications and requirements for the selected sub-bid/subcontracting work.

Required documentation: Include in Indicator 4 or 5, information detailing how, where and when the bidder will make the required information available to interested subcontractors.

8. CONTACTED RECRUITMENT/PLACEMENT ORGANIZATIONS

10 POINTS

The bidder has requested assistance from organizations that provide assistance in the recruitment and placement of DBEs not less than fifteen calendar days prior to the submission of bids. Any other organizations promoting DBE activities not included in the following list which have been contacted, must also be listed in the required documentation.

Required documentation: A copy of each letter sent to outreach agencies requesting assistance in recruiting DBEs. Faxed copies must include the fax transmittal confirmation slip showing the date and time of transmission. Mailed letters must include copies of the metered envelopes or certified mail receipts. Letters must contain areas of work to be subcontracted, LAWA project name, name of the bidder, and contact person's name, address, and telephone number.

RECRUITMENT/PLACEMENT ORGANIZATIONS

Business and Job Resources Center
Los Angeles World Airports
6053 W Century Blvd. Ste 300
Los Angeles, California 90045
Amber Meshack, Division Director

424 646-7300
424 646-9257 FAX

Email: ameshack@lawa.org

National Center for American Indian Enterprise Development
11138 Valley Mall, Suite 200
El Monte, CA 91731

626 442-3701
626 442-7115 FAX
<http://www.ncaied.org>

The Associated General Contractors of California
Los Angeles District Office
1906 W. Garvey Avenue South, Suite 100
West Covina, CA 91790

626 608-5800
626 608-5810 FAX
<http://www.agc-ca.org>

Latin Business Association (LBA)
120 S. San Pedro Street, Suite 530
Los Angeles, CA 90012

213 628-8510
213 628-8519 FAX
<http://www.lbausa.com>

Black Business Association
Mailing Address: P.O. Box 43159
Los Angeles, CA 90043
President: Earl 'Skip' Cooper, II

323 857-4600
323 857-4610 FAX
<http://www.bbala.org>
E-mail: bbala@earthlink.net

The Asian Business Association
120 S. San Pedro Street, Suite 523
Los Angeles, CA 90012

213 628-1ABA
213 628-3222 FAX
<http://www.aba-la.org/index.asp>
Email: info@aba-la.org

Engineering Contractors' Association
8310 Florence Avenue
Downey, CA 90240562

800 293-2240
923-6179 FAX

National Association of Minority Contractors
Southern California Chapter
PO Box 43307
Los Angeles, CA 90043
Attn: Kevin Ramsey

310 635 3277
310 635-0562 FAX
<http://www.namcsc.net>
Email: kramsey@pacbell.net

National Association of Women Business Owners – Los Angeles
900 Wilshire Boulevard, Suite 404
Los Angeles, CA 90017

213 622-3200
213 622-6659 FAX
<http://www.nawbola.org>
Email: info@nawbola.org

Los Angeles Urban League
3450 Mount Vernon Drive
Los Angeles, CA 90008

323 299-9660
323 299-0618 FAX
<http://www.laul.org>
Email: info@laul.org

Society of Hispanic Professional Engineers
SHPE National Office
5400 E. Olympic Blvd., Suite 210
Los Angeles, CA 90022

323 725-3970
323 725-0316 FAX
<http://www.shpe.org>
Email: shpenational@shpe.org

The Asian American Architects/Engineers Association
(of Southern California)
P.O. Box 861807
Los Angeles, CA 90086

213 896-9270
866 276-1712 FAX
<http://www.aaesc.com>

9. NEGOTIATE IN GOOD FAITH

26 POINTS

The bidder has negotiated in good faith with interested DBEs and did not unjustifiably reject as unsatisfactory bids or proposals prepared by any enterprise, as determined by LAWA.

Required documentation: a) Copies of all DBE/OBE bids or quotes received; and b) Summary sheet organized by work area, listing bids received and the subcontractor selected for that work area. If the bidder elects to perform a listed work area with its own work forces, they must include a bid that shows their own costs for the work.

10. BOND, LINES OF CREDIT, AND INSURANCE ASSISTANCE

5 POINTS

The bidder has documented efforts to advise and assist interested DBEs in obtaining bonds, lines of credit and insurance required by LAWA or contractor.

Required documentation: Include in Indicator 4 or 5, information about the bidder's efforts to assist with bonds, lines of credit and insurance.

The bidders shall submit completed good faith effort documentation within three days of notification by LAWA. LAWA in its review of the good faith effort documentation may request additional information to validate and/or clarify that the good faith effort submission was adequate. Such information shall be submitted promptly upon request by LAWA.

INSTRUCTIONS FOR SUBCONTRACTOR PARTICIPATION PLAN

ATTENTION:

You MUST list ALL anticipated subcontractors, regardless of their dollar amount or percent proposed, and regardless of whether they are certified or not.

You MUST fill out ALL applicable fields completely for the Bidder/Proposer and all subcontractors. Failure to provide complete and legible information on this form may result in your firm not receiving full certification credit. You may add pages as needed.

Project Title – The name of the project at the time of bid or proposal.

Bid/Proposal Amount – Total amount bidder/proposer proposed for the project.

Company Information – The complete name, address, phone number (including area code), Federal Tax Identification Number, email and contact person for the bidder/proposer and each subcontractor, vendor or supplier.

- **Ethnicity** – African American, Hispanic American, Native American, Asian-Pacific Islander, Subcontinent Asian Indian, Asian American, Aleut, Eskimo, Caucasian

- **Gender** – Male, Female

- **Certification Type*** –

ACDBE (Airport Concession Disadvantaged Business Enterprise)

DBE (Disadvantaged Business Enterprise)

DVBE (Disabled Veteran Business Enterprise)

LBE (Local Business Enterprise)

LSBE (Local Small Business Enterprise)**

MBE (Minority Business Enterprise)

SBE (Small Business Enterprise)

WBE (Woman Business Enterprise)

*Any firm that is not certified as an ACDBE, DBE, DVBE, LBE, LSBE, MBE, SBE or WBE is considered an OBE (Other Business Enterprise).

**LSBE designation is only for firms that are certified as both SBE and LBE.

- **Certifying Agency** – Agency that issued the certification

City of Los Angeles (Department of Public Works)

CALIF DGS (State of California Department of General Services)

CALTRANS (California Department of Transportation)

METRO (L.A. County Metropolitan Transportation Authority)

SBA (Federal Small Business Administration)

DVA (Department of Veterans Affairs)

USWCC (US Women's Chamber of Commerce)

WBEC-WEST (Women's Business Enterprise Council – WEST)

NWBOC (National Women Business Owners Corporation)

Description of Project Services – A brief description of the work the bidder/proposer or subcontractor will perform.

NAICS – North American Industry Classification System codes listed at <http://www.census.gov/epcd/www/naics.html>

In order to receive credit for ACDBE/DBE/DVBE/LBE/LSBE/MBE/WBE/SBE participation, the companies must be certified in the NAICS code for the specific work they will perform on the contract.

Amount Proposed – Indicate the anticipated amount to be paid to the subcontractor over the term of the contract.

Proposed Percentage – Calculate the subcontractor's share of the contract by dividing the Subcontractors Proposed Amount by the Bid/Proposal Amount.

Please note: For projects with ACDBE or DBE goals, the Code of Federal Regulations, Title 49, Part 26.55(e) allows only 60% of the Amount Proposed to be used in the calculation for a subcontractor who is a regular dealer/supplier.

Signature/Date – This form must be signed by a responsible person capable of committing the firm contractually.

Participation Level Proposed by Bidder/Proposer –

Indicate the level of ACDBE/DBE/DVBE/LBE/LSBE/MBE/WBE/SBE participation proposed by Bidder/Proposer.

Goal(s) Stated in the Request for Bid/Proposal –

The ACDBE/DBE/DVBE/LBE/LSBE/MBE/WBE/SBE goal(s) established by Procurement Services Division for the Request for Bid/Proposal.

For information regarding the certification process, please call the Department of Public Works, Centralized Certification Section at (213) 847-2684.

SUBCONTRACTOR PARTICIPATION PLAN

ATTENTION:

You MUST list ALL anticipated subcontractors, regardless of their dollar amount or percent proposed, and regardless of whether they are certified or not.

You MUST fill out ALL applicable fields completely for the Prime and all subcontractors. Failure to provide complete and legible information on this form may result in your firm not receiving full certification credit.

Project Title: Airfield Improvement Program at Van Nuys Airport Today's Date: 12/20/2021

BIDDER/PROPOSER COMPANY INFORMATION		BID/PROPOSAL AMOUNT		DESCRIPTION OF PROJECT SERVICES
NAME: RS&H California, Inc.	ETHNICITY: N/A			Engineering, Planning, Architecture, and tasks as assigned
ADDRESS: 5901 W. Century Blvd., Suite 1030	GENDER: N/A			
CITY/STATE/ZIP: Los Angeles, CA 90045	FEDERAL TAX ID #: 26-2434974			
CONTACT NAME: Joseph P. Jackson	EMAIL: joe.jackson@rsandh.com			
TELEPHONE NO: 310-692-2040				
CERTIFICATION TYPE: <input type="checkbox"/> ACDBE <input type="checkbox"/> DBE <input type="checkbox"/> DVBE <input type="checkbox"/> MBE <input type="checkbox"/> LBE <input type="checkbox"/> LSBE <input type="checkbox"/> SBE <input type="checkbox"/> WBE				
CERTIFYING AGENCY: <input type="checkbox"/> CITY OF L.A. <input type="checkbox"/> CALIF DGS <input type="checkbox"/> CALTRANS <input type="checkbox"/> METRO <input type="checkbox"/> SBA <input type="checkbox"/> DVA <input type="checkbox"/> USWCC <input type="checkbox"/> NWBOC <input type="checkbox"/> WBEC-WEST <input checked="" type="checkbox"/> OTHER OBE				NAICS: 541620, 541320, 541330
SUBCONTRACTOR COMPANY INFORMATION		\$ PROPOSED	% PROPOSED	DESCRIPTION OF PROJECT SERVICES
NAME: VCA Engineers, Inc.	ETHNICITY: Asian	TBD	TBD	Civil Engineering Services
ADDRESS: 1041 S. Garfield Ave., Suite 210	GENDER: Male			Structural Engineering Services
CITY/STATE/ZIP: Alhambra, CA 91801	FEDERAL TAX ID #: 20-0054405			
CONTACT NAME: Virgil C. Aoanan, PE., SE., QSD ENV	EMAIL: virgil.aoanan@vcaeng.com			
TELEPHONE NO: 323-729-6098				
CERTIFICATION TYPE: <input type="checkbox"/> ACDBE <input checked="" type="checkbox"/> DBE <input type="checkbox"/> DVBE <input checked="" type="checkbox"/> MBE <input checked="" type="checkbox"/> LBE <input checked="" type="checkbox"/> LSBE <input checked="" type="checkbox"/> SBE <input type="checkbox"/> WBE				
CERTIFYING AGENCY: <input checked="" type="checkbox"/> CITY OF L.A. <input checked="" type="checkbox"/> CALIF DGS <input type="checkbox"/> CALTRANS <input checked="" type="checkbox"/> METRO <input type="checkbox"/> SBA <input type="checkbox"/> DVA <input type="checkbox"/> USWCC <input type="checkbox"/> NWBOC <input type="checkbox"/> WBEC-WEST <input type="checkbox"/> OTHER				NAICS: 541330, 541350
NAME: Wagner Engineering & Survey, Inc.	ETHNICITY: Caucasian	TBD	TBD	Land Surveying, Mapping
ADDRESS: 17134 Devonshire St. Suite 200	GENDER: Female			
CITY/STATE/ZIP: Northridge, CA 91325	FEDERAL TAX ID #: 95-4306075			
CONTACT NAME: Stephanie A. Wagner	EMAIL: stephaniew@wesinc.org			
TELEPHONE NO: 818-892-6565				
CERTIFICATION TYPE: <input type="checkbox"/> ACDBE <input checked="" type="checkbox"/> DBE <input type="checkbox"/> DVBE <input checked="" type="checkbox"/> MBE <input checked="" type="checkbox"/> LBE <input checked="" type="checkbox"/> LSBE <input checked="" type="checkbox"/> SBE <input checked="" type="checkbox"/> WBE				
CERTIFYING AGENCY: <input checked="" type="checkbox"/> CITY OF L.A. <input checked="" type="checkbox"/> CALIF DGS <input checked="" type="checkbox"/> CALTRANS <input checked="" type="checkbox"/> METRO <input checked="" type="checkbox"/> SBA <input type="checkbox"/> DVA <input type="checkbox"/> USWCC <input type="checkbox"/> NWBOC <input type="checkbox"/> WBEC-WEST <input type="checkbox"/> OTHER				NAICS: 541330, 541360, 541370

PART A - ADMINISTRATIVE REQUIREMENTS FOR DESIGN SERVICES FOR VNY AIRFIELD IMPROVEMENT PROGRAM

SUBCONTRACTOR COMPANY INFORMATION		PROFILE INFORMATION	\$ PROPOSED	% PROPOSED	DESCRIPTION OF PROJECT SERVICES
NAME: Lean Engineering		ETHNICITY: Caucasian	TBD	TBD	Airfield Lighting and Signage final design and planning services
ADDRESS: 20 Executive Park, Suite 155		GENDER: Male			
CITY/STATE/ZIP: Irvine, CA 92612		EMAIL: dlean@leancorp.com			
CONTACT NAME: Doran Lean		FEDERAL TAX ID #: 47-1418482			
TELEPHONE NO: 949-502-8687					
CERTIFICATION TYPE: <input type="checkbox"/> ACDBE <input type="checkbox"/> DBE <input type="checkbox"/> DVBE <input checked="" type="checkbox"/> MBE <input type="checkbox"/> LBE <input type="checkbox"/> LSBE <input checked="" type="checkbox"/> SBE <input checked="" type="checkbox"/> WBE					
CERTIFYING AGENCY: <input type="checkbox"/> CITY OF L.A. <input checked="" type="checkbox"/> CALIF DGS <input type="checkbox"/> CALTRANS <input type="checkbox"/> METRO <input type="checkbox"/> SBA				NAICS: 541330	
<input type="checkbox"/> DVA <input type="checkbox"/> USWCC <input type="checkbox"/> NWBOC <input type="checkbox"/> WBEC-WEST <input checked="" type="checkbox"/> OTHER Supplier Clearinghouse					
NAME: Diaz • Yourman & Associates		ETHNICITY: Hispanic/American	TBD	TBD	Geotechnical Engineering
ADDRESS: 1616 East 17th Street		GENDER: Male			
CITY/STATE/ZIP: Santa Ana, CA 92705		EMAIL: clint@diazyourman.com			
CONTACT NAME: Clint I. Isa, PE		FEDERAL TAX ID #: 33-0539260			
TELEPHONE NO: 714-245-2920					
CERTIFICATION TYPE: <input type="checkbox"/> ACDBE <input type="checkbox"/> DBE <input checked="" type="checkbox"/> DVBE <input type="checkbox"/> MBE <input checked="" type="checkbox"/> LBE <input type="checkbox"/> LSBE <input type="checkbox"/> SBE <input checked="" type="checkbox"/> WBE					
CERTIFYING AGENCY: <input type="checkbox"/> CITY OF L.A. <input type="checkbox"/> CALIF DGS <input type="checkbox"/> CALTRANS <input checked="" type="checkbox"/> METRO <input checked="" type="checkbox"/> SBA				NAICS: 541330, 541380, 541620	
<input type="checkbox"/> DVA <input type="checkbox"/> USWCC <input type="checkbox"/> NWBOC <input type="checkbox"/> WBEC-WEST <input type="checkbox"/> OTHER					
NAME: M Lee Corporation		ETHNICITY: Asian American	TBD	TBD	Cost Estimating
ADDRESS: 601 Montgomery St, Ste 2040		GENDER: Male			
CITY/STATE/ZIP: San Francisco, CA 94111		EMAIL: flee@MLEECORP.COM			
CONTACT NAME: Franklin Lee		FEDERAL TAX ID #: 68-0283116			
TELEPHONE NO: 415-693-0236					
CERTIFICATION TYPE: <input type="checkbox"/> ACDBE <input checked="" type="checkbox"/> DBE <input type="checkbox"/> DVBE <input type="checkbox"/> MBE <input type="checkbox"/> LBE <input type="checkbox"/> LSBE <input checked="" type="checkbox"/> SBE <input type="checkbox"/> WBE					
CERTIFYING AGENCY: <input type="checkbox"/> CITY OF L.A. <input checked="" type="checkbox"/> CALIF DGS <input type="checkbox"/> CALTRANS <input type="checkbox"/> METRO <input type="checkbox"/> SBA				NAICS: 541330, 541611, 541618	
<input type="checkbox"/> DVA <input type="checkbox"/> USWCC <input type="checkbox"/> NWBOC <input type="checkbox"/> WBEC-WEST <input type="checkbox"/> OTHER BART					
NAME:		ETHNICITY:			
ADDRESS:		GENDER:			
CITY/STATE/ZIP:		EMAIL:			
CONTACT NAME:		FEDERAL TAX ID #:			
TELEPHONE NO:					
CERTIFICATION TYPE: <input type="checkbox"/> ACDBE <input type="checkbox"/> DBE <input type="checkbox"/> DVBE <input type="checkbox"/> MBE <input type="checkbox"/> LBE <input type="checkbox"/> LSBE <input type="checkbox"/> SBE <input type="checkbox"/> WBE					
CERTIFYING AGENCY: <input type="checkbox"/> CITY OF L.A. <input type="checkbox"/> CALIF DGS <input type="checkbox"/> CALTRANS <input type="checkbox"/> METRO <input type="checkbox"/> SBA				NAICS:	
<input type="checkbox"/> DVA <input type="checkbox"/> USWCC <input type="checkbox"/> NWBOC <input type="checkbox"/> WBEC-WEST <input type="checkbox"/> OTHER					

SUBCONTRACTOR COMPANY INFORMATION		PROFILE INFORMATION	\$ PROPOSED	% PROPOSED	DESCRIPTION OF PROJECT SERVICES
NAME:		ETHNICITY:			
ADDRESS:		GENDER:			
CITY/STATE/ZIP:		EMAIL:			
CONTACT NAME:		FEDERAL TAX ID #:			
TELEPHONE NO:					
CERTIFICATION TYPE: <input type="checkbox"/> ACDBE <input type="checkbox"/> DBE <input type="checkbox"/> DVBE <input type="checkbox"/> MBE <input type="checkbox"/> LBE <input type="checkbox"/> LSBE <input type="checkbox"/> SBE <input type="checkbox"/> WBE					
CERTIFYING AGENCY: <input type="checkbox"/> CITY OF L.A. <input type="checkbox"/> CALIF DGS <input type="checkbox"/> CALTRANS <input type="checkbox"/> METRO <input type="checkbox"/> SBA <input type="checkbox"/> DVA <input type="checkbox"/> USWCC <input type="checkbox"/> NWBOC <input type="checkbox"/> WBEC-WEST <input type="checkbox"/> OTHER _____				NAICS:	

I certify under the penalty of perjury that the information contained on this form is true and correct and that the firms listed are the subcontractors anticipated to be utilized if this project is awarded to the above prime contractor. I agree to comply with any applicable provisions for additions and substitutions, and I further understand and agree that any and all changes or substitutions must be authorized by the LAWA Procurement Services Division prior to their implementation. An amended Subcontractor Participation Plan is required for any substitution or change to Subcontractors listed on the originally submitted Plan.

Participation Level(s) Proposed by Bidder/Proposer:	_____ %	<input type="checkbox"/> ACDBE
	<u>15</u> %	<input checked="" type="checkbox"/> DBE
	_____ %	<input type="checkbox"/> DVBE
	_____ %	<input type="checkbox"/> LBE
	_____ %	<input type="checkbox"/> LSBE
	_____ %	<input type="checkbox"/> MBE/WBE
	_____ %	<input type="checkbox"/> SBE

Goal(s) Stated in the Request for Bid/Proposal:	_____ %	<input type="checkbox"/> ACDBE
	<u>15</u> %	<input checked="" type="checkbox"/> DBE
	_____ %	<input type="checkbox"/> DVBE
	_____ %	<input type="checkbox"/> LBE
	_____ %	<input type="checkbox"/> LSBE
	_____ %	<input type="checkbox"/> MBE/WBE
	_____ %	<input type="checkbox"/> SBE

	12/20/2021
SIGNATURE	DATE

Joseph P. Jackson	President	310-692-2040
PRINT NAME	TITLE	PHONE

ATTACHMENT 1

(The following administrative requirements are language only
There are no forms to be submitted)

Affirmative Action

AFFIRMATIVE ACTION

Pursuant to the LAAC, Division 10, Chapter 1, Article 1, Sections 10.8. et seq. and the Board of Airport Commissioners Resolution No. 23772, it is the policy of the City of Los Angeles to require each person or entity contracting for goods or services to comply with the Non-discrimination, Equal Employment Practices, and Affirmative Action Program provisions of the City of Los Angeles.

All Bidders/Proposers must agree to adhere to the Non-Discrimination provision, designate an Equal Employment Opportunity Officer and provide his/her contact info in the Vendor Identification Form enclosed in this administrative requirements package.

Los Angeles Administrative Code Section 10.8 to 10.8.4

Sec. 10.8. Mandatory Provisions Pertaining to Non-discrimination in Employment in the Performance of City Contracts.

The City of Los Angeles, in letting and awarding contracts for the provision to it or on its behalf of goods or services of any kind or nature, intends to contract only with those contractors that comply with the non-discrimination and affirmative action provisions of the laws of the United States of America, the State of California and the City of Los Angeles. The City and each of its awarding authorities shall therefore require that any person, firm, corporation, partnership or combination thereof that contracts with the City for services, materials or supplies, shall not discriminate in any of its hiring or employment practices, shall comply with all provisions pertaining to non-discrimination in hiring and employment, and shall require Affirmative Action Programs in contracts in accordance with the provisions of this Code. The awarding authority and/or Office of Contract Compliance of the Department of Public Works shall monitor and inspect the activities of each contractor to determine that they are in compliance with the provisions of this chapter.

Although in accordance with Section 22.359 of this Code, the Board of Public Works, Office of Contract Compliance, is responsible for the administration of the City's Contract Compliance Program, accomplishing the intent of the City in contract compliance and achieving non-discrimination in contractor employment shall be the continuing responsibility of each awarding authority. Each awarding authority shall use only the rules, regulations and forms provided by the Office of Contract Compliance to monitor, inspect or investigate contractor compliance with the provisions of this chapter.

Each awarding authority shall provide immediate notification upon award of each contract by that awarding authority to the Office of Contract Compliance. Each awarding authority shall call upon the Office of Contract Compliance to review, evaluate and recommend on any contractual dispute or issue of noncompliance under the provisions of this chapter. The Office of Contract Compliance shall be notified by each awarding authority of any imminent announcement to bid, to allow the Office of Contract Compliance the opportunity to participate with the awarding authority in the monitoring, review, evaluation, investigation, audit and enforcement of the provisions of this chapter in accordance with the rules, regulations and forms promulgated to implement the City's Contract Compliance, Equal Employment Practices Program.

SECTION HISTORY

Based on Ord. No. 132,533, Eff. 7-25-66.

Amended by: Ord. No. 147,030, Eff. 4-28-75; Ord. No. 173,186, Eff. 5-22-00; In Entirety, Ord. No. 184,292, Eff. 6-27-16.

Sec. 10.8.1. Definitions.

Except for Section 10.8.2.1, the following definitions shall apply to the following terms used in this article:

"Awarding Authority" means any Board or Commission of the City of Los Angeles, or any authorized employee or officer of the City of Los Angeles, including the Purchasing Agent of the City of Los Angeles, who makes or enters into any contract or agreement for the provision of any goods or services of any kind or nature whatsoever for, or on behalf of, the City of Los Angeles.

"Contract" means any agreement, franchise, lease or concession, including agreements for any occasional professional or technical personal services, for the performance of any work or service, the provision of any materials or supplies, or the rendition of any service to the City of Los Angeles or to the public, which is let, awarded or entered into with, or on behalf of, the City of Los Angeles or any Awarding Authority thereof. Contracts where the provisions of this article would conflict with federal or state grant funded contracts, or conflict with the terms of the grant or subvention, as determined by the DAA, are exempt.

"Contractor" means any person, firm, corporation, partnership or any combination thereof, who enters into a contract with any Awarding Authority of the City of Los Angeles.

"Designated Administrative Agency (DAA)" means the Department of Public Works, Office of Contract Compliance created by Article X of Chapter 13 of Division 22 of the Los Angeles Administrative Code. That office is also known as the Department of Public Works, Bureau of Contract Administration.

"Domestic Partners" means, for purposes of this article, any two adults, of the same or different sex, who have registered with a governmental entity pursuant to state or local law authorizing this registration or with an internal registry maintained by an employer of at least one of the domestic partners.

"Employment Practices" means any solicitation of, or advertisement for, employees, employment, change in grade or work assignment, assignment or change in place or location of work, layoff, suspension or termination of employees, rate of pay or other form of compensation including vacation, sick and compensatory time, selection for training, including apprenticeship programs, any and all employee benefits and activities, promotion and upgrading, and any and all actions taken to discipline employees for infractions of work rules or employer requirements.

"Minority" is defined to mean "minority person" as the phrase is defined in Subsection (f) of Section 2000 of the California Public Contract Code, as amended from time to time.

"Subcontractor" means any person, firm or corporation or partnership, or any combination thereof, who enters into a contract with a Contractor to perform or provide a portion or part of any Contract with the City.

SECTION HISTORY

Amended by: Ord. No. 147,030, Eff. 4-28-75; "Affirmative Action," Ord. No. 164,516, Eff. 4-13-89; "Affirmative Action," Ord. No. 168,244, Eff. 10-18-92; "Domestic partners" added, Ord. No. 172,909, Eff. 1-9-00; first two definitions deleted, Ord. No. 173,186, Eff. 5-22-00; "Domestic partners," Ord. No. 175,115, Eff. 4-12-03; In Entirety, Ord. No. 184,292, Eff. 6-27-16.

Sec. 10.8.1.1. Summary of Thresholds.

The following thresholds will be used to determine the non-discrimination and affirmative action requirements set forth in this chapter for each type of contract.

Non-discrimination Practices as outlined in Section 10.8.2 of this Code apply to all contracts.

Equal Employment Practices as outlined in Section 10.8.3 of this Code apply to all construction contracts of \$1,000 or more and all non-construction contracts of \$1,000 or more.

Affirmative Action Program as outlined in Sections 10.8.4 and 10.13 of this Code applies to all Construction Contracts of \$25,000 or more and all non-Construction Contracts of \$25,000 or more.

SECTION HISTORY

Added by Ord. No. 173,186, Eff. 5-22-00.

Amended by: In Entirety, Ord. No. 184,292, Eff. 6-27-16.

Sec. 10.8.2. All Contracts: Non-discrimination Clause.

Notwithstanding any other provision of any ordinance of the City of Los Angeles to the contrary, every Contract which is let, awarded or entered into with or on behalf of the City of Los Angeles, shall contain by insertion therein a provision obligating the Contractor in the performance of such Contract not to discriminate in his or her Employment Practices against any employee or applicant for employment because of the applicant's race, color, religion, national origin, ancestry, sex, sexual orientation, age, disability, marital status, domestic partner status or medical condition. All Contractors who enter into such Contracts with the City shall include a like provision in all subcontracts awarded for work to be performed under the Contract with the City. Failure of the Contractor to comply with this requirement or to obtain the compliance of its Subcontractors with such obligations shall subject the Contractor to the imposition of any and all sanctions allowed by law, including, but not limited to, termination of the Contractor's Contract with the City. Nothing contained in this Contract shall be construed in any manner so as to require or permit any act which is prohibited by law.

SECTION HISTORY

Amended by: Ord. No. 147,030, Eff. 4-28-75; Ord. No. 164,516, Eff. 4-13-89; Ord. No. 168,244, Eff. 10-18-92; Title and Sec., Ord. No. 172,910, Eff. 1-9-00; Title and Section, Ord. No. 173,186, Eff. 5-22-00; In Entirety, Ord. No. 184,292, Eff. 6-27-16.

Sec. 10.8.2.1. Equal Benefits Ordinance.

(a) **Legislative Findings.** The City awards many contracts to private firms to provide services to the public and to City government. Many City contractors and subcontractors perform services that affect the proprietary interests of City government in that their performance impacts the success of City operations. The City holds a proprietary interest in the work performed by many employees employed by City contractors and subcontractors. In a very real sense, the success or failure of City operations may turn on the success or failure of these enterprises, for the City has a genuine stake in how the public perceives the services rendered for them by these businesses.

Discrimination in the provision of employee benefits between employees with domestic partners and employees with spouses results in unequal pay for equal work. Los Angeles law prohibits entities doing business with the City from discriminating in employment practices based on marital status and/or sexual orientation. The City's departments and contracting agents are required to place in all City contracts a provision that the company choosing to do business with the City agrees to comply with the City's nondiscrimination laws.

It is the City's intent, through the contracting practices outlined in this Ordinance, to assure that those companies wanting to do business with the City will equalize the total compensation between similarly situated employees with spouses and with domestic partners. The provisions of this Ordinance are designed to ensure that the City's contractors will maintain a competitive advantage in recruiting and retaining capable employees, thereby improving the quality of the goods and services the City and its people receive, and ensuring protection of the City's property.

(b) **Definitions.** For purposes of the Equal Benefits Ordinance only, the following shall apply.

(1) **Awarding Authority** means any Board or Commission of the City, or any employee or officer of the City, that is authorized to award or enter into any Contract, as defined in this ordinance, on behalf of the City, and shall include departments having control of their own funds and which adopt policies consonant with the provisions of the Equal Benefits Ordinance.

(2) **Benefits** means any plan, program or policy provided or offered by a Contractor to its employees as part of the employer's total compensation package. This includes but is not limited to the following types of benefits: bereavement leave, family medical leave, health benefits, membership or membership discounts, moving expenses, pension and retirement benefits, and travel benefits.

(3) **Cash Equivalent** means the amount of money paid to an employee with a Domestic Partner (or spouse, if applicable) in lieu of providing Benefits to the employee's Domestic Partner (or spouse, if applicable). The Cash Equivalent is equal to the direct expense to the employer of providing Benefits to an employee for his or her Domestic Partner (or spouse, if

applicable) or the direct expense to the employer of providing Benefits for the dependents and family members of an employee with a Domestic Partner (or spouse, if applicable).

(4) **City** means the City of Los Angeles.

(5) **Contract** means an agreement the value of which exceeds \$25,000. It includes agreements for work or services to or for the City; for public works or improvements to be performed; agreements for the purchase of goods, equipment, materials, or supplies; or grants to be provided, at the expense of the City or to be paid out of monies under the control of the City. The term also includes a Lease or License, as defined in the Equal Benefits Ordinance.

(6) **Contractor** means any person or persons, firm, partnership, corporation, joint venture, or any combination of these, or any governmental entity acting in its proprietary capacity, that enters into a Contract with any Awarding Authority of the City. The term does not include Subcontractors.

(7) **Designated Administrative Agency (DAA)** means the Department of Public Works, Bureau of Contract Administration.

(8) **Domestic Partner** means any two adults, of the same or different sex, who have registered as domestic partners with a governmental entity pursuant to state or local law authorizing this registration or with an internal registry maintained by the employer of at least one of the domestic partners.

(9) **Equal Benefits Ordinance** means Los Angeles Administrative Code Section 10.8.2.1, *et seq.*, as amended from time to time.

(10) **Equal Benefits** means the equality of benefits between employees with spouses and employees with Domestic Partners, between spouses of employees and Domestic Partners of employees, and between dependents and family members of spouses and dependents and family members of Domestic Partners.

(11) **Lease or License** means any agreement allowing others to use property owned or controlled by the City, any agreement allowing others the use of City property in order to provide services to or for the City, such as for concession agreements, and any agreement allowing the City to use property owned or controlled by others.

(12) **Subcontractor** means any person or persons, firm, partnership, corporation, joint venture, or any combination of these, and any governmental entity, that assists the Contractor in performing or fulfilling the terms of the Contract. Subcontractors are not subject to the requirements of the Equal Benefits Ordinance unless they otherwise have a Contract directly with the City.

(c) **Equal Benefits Requirements.**

(1) No Awarding Authority of the City shall execute or amend any Contract with any Contractor that discriminates in the provision of Benefits between employees with spouses and employees with Domestic Partners, between spouses of employees and Domestic Partners of employees, and between dependents and family members of spouses and dependents and family members of Domestic Partners.

(2) A Contractor must permit access to, and upon request, must provide certified copies of all of its records pertaining to its Benefits policies and its employment policies and practices to the DAA, for the purpose of investigation or to ascertain compliance with the Equal Benefits Ordinance.

(3) A Contractor must post a copy of the following statement in conspicuous places at its place of business available to employees and applicants for employment: "During the performance of a Contract with the City of Los Angeles, the Contractor will provide equal benefits to its employees with spouses and its employees with domestic partners." The posted statement must also include a City contact telephone number which will be provided each Contractor when the Contract is executed.

(4) A Contractor must not set up or use its contracting entity for the purpose of evading the requirements imposed by the Equal Benefits Ordinance.

(d) **Other Options for Compliance.** Provided that the Contractor does not discriminate in the provision of Benefits, a Contractor may also comply with the Equal Benefits Ordinance in the following ways:

(1) A Contractor may provide an employee with the Cash Equivalent only if the DAA determines that either:

a. The Contractor has made a reasonable, yet unsuccessful effort to provide Equal Benefits; or

b. Under the circumstances, it would be unreasonable to require the Contractor to provide Benefits to the Domestic Partner (or spouse, if applicable).

(2) Allow each employee to designate a legally domiciled member of the employee's household as being eligible for spousal equivalent Benefits.

(3) Provide Benefits neither to employees' spouses nor to employees' Domestic Partners.

(e) **Applicability.**

(1) Unless otherwise exempt, a Contractor is subject to and shall comply with all applicable provisions of the Equal Benefits Ordinance.

(2) The requirements of the Equal Benefits Ordinance shall apply to a Contractor's operations as follows:

a. A Contractor's operations located within the City limits, regardless of whether there are employees at those locations performing work on the Contract.

b. A Contractor's operations on real property located outside of the City limits if the property is owned by the City or the City has a right to occupy the property, and if the Contractor's presence at or on that property is connected to a Contract with the City.

c. The Contractor's employees located elsewhere in the United States but outside of the City limits if those employees are performing work on the City Contract.

(3) The requirements of the Equal Benefits Ordinance do not apply to collective bargaining agreements ("CBA") in effect prior to January 1, 2000. The Contractor must agree to propose to its union that the requirements of the Equal Benefits Ordinance be incorporated into its CBA upon amendment, extension, or other modification of a CBA occurring after January 1, 2000.

(f) Mandatory Contract Provisions Pertaining to Equal Benefits. Unless otherwise exempted, every Contract shall contain language that obligates the Contractor to comply with the applicable provisions of the Equal Benefits Ordinance. The language shall include provisions for the following:

(1) During the performance of the Contract, the Contractor certifies and represents that the Contractor will comply with the Equal Benefits Ordinance.

(2) The failure of the Contractor to comply with the Equal Benefits Ordinance will be deemed to be a material breach of the Contract by the Awarding Authority.

(3) If the Contractor fails to comply with the Equal Benefits Ordinance the Awarding Authority may cancel, terminate or suspend the Contract, in whole or in part, and all monies due or to become due under the Contract may be retained by the City. The City may also pursue any and all other remedies at law or in equity for any breach.

(4) Failure to comply with the Equal Benefits Ordinance may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, *et seq.*, Contractor Responsibility Ordinance.

(5) If the DAA determines that a Contractor has set up or used its Contracting entity for the purpose of evading the intent of the Equal Benefits Ordinance, the Awarding Authority may terminate the Contract on behalf of the City. Violation of this provision may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, *et seq.*, Contractor Responsibility Ordinance.

(g) Administration.

(1) The DAA is responsible for the enforcement of the Equal Benefits Ordinance for all City Contracts. Each Awarding Authority shall cooperate to the fullest extent with the DAA in its enforcement activities.

(2) In enforcing the requirements of the Equal Benefits Ordinance, the DAA may monitor, inspect, and investigate to ensure that the Contractor is acting in compliance with the Equal Benefits Ordinance. Contractor's failure to cooperate with the DAA may result in a determination by the DAA that the Contractor is not in compliance with the Equal Benefits Ordinance, which may subject the Contractor to enforcement measures set forth in Section 10.8.2.1(h).

(3) The DAA shall promulgate rules and regulations and forms for the implementation of the Equal Benefits Ordinance. No other rules, regulations or forms may be used by an Awarding Authority of the City to accomplish this contract compliance program.

(h) Enforcement.

(1) If the Contractor fails to comply with the Equal Benefits Ordinance:

a. The failure to comply may be deemed to be a material breach of the Contract by the Awarding Authority; or

b. The Awarding Authority may cancel, terminate or suspend, in whole or in part, the contract; or

c. Monies due or to become due under the Contract may be retained by the City until compliance is achieved;

d. The City may also pursue any and all other remedies at law or in equity for any breach.

e. The City may use failure to comply with the Equal Benefits Ordinance as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, *et seq.*, Contractor Responsibility Ordinance.

(i) Non-applicability, Exceptions and Waivers.

(1) Upon request of the Awarding Authority, the DAA may waive compliance with the Equal Benefits Ordinance under the following circumstances:

a. The Contract is for the use of City property, and there is only one prospective Contractor willing to enter into the Contract; or

b. The Contract is for needed goods, services, construction of a public work or improvement, or interest in or right to use real property that is available only from a single prospective Contractor, and that prospective Contractor is otherwise qualified and acceptable to the City; or

c. The Contract is necessary to respond to an emergency that endangers the public health or safety, and no entity which complies with the requirements of the Equal Benefits Ordinance capable of responding to the emergency is immediately available; or

d. The City Attorney certifies in writing that the Contract involves specialized litigation requirements such that it would be in the best interests of the City to waive the requirements of the Equal Benefits Ordinance; or

e. The Contract is (i) with a public entity; (ii) for goods, services, construction of a public work or improvement, or interest in or right to use real property; and (iii) that is either not available from another source, or is necessary to serve a substantial public interest. A Contract for interest in or the right to use real property shall not be considered as not being available from another source unless there is no other site of comparable quality or accessibility available from another source; or

f. The requirements of the Equal Benefits Ordinance will violate or are inconsistent with the terms or conditions of a grant, subvention or agreement with a public agency or the instructions of an authorized representative of the agency with respect to the grant, subvention or agreement, provided that the Awarding Authority has made a good faith attempt to change the terms or conditions of the grant, subvention or agreement to authorize application of the Equal Benefits Ordinance; or

g. The Contract is for goods, a service or a project that is essential to the City or City residents and there are no qualified responsive bidders or prospective Contractors who could be certified as being in compliance with the requirements of the Equal Benefits Ordinance; or

h. The Contract involves bulk purchasing arrangements through City, federal, state or regional entities that actually reduce the City's purchasing costs and would be in the best interests of the City.

(2) The Equal Benefits Ordinance does not apply to contracts which involve:

a. The investment of trust monies, bond proceeds or agreements relating to the management of these funds, indentures, security enhancement agreements (including, but not limited to, liquidity agreements, letters of credit, bond insurance) for City tax-exempt and taxable financings, deposits of City's surplus funds in financial institutions, the investment of City monies in competitively bid investment agreements, the investment of City monies in securities permitted under the California State Government Code and/or the City's investment policy, investment agreements, repurchase agreements, City monies invested in U.S. government securities or pre-existing investment agreements;

b. Contracts involving City monies in which the Treasurer or the City Administrative Officer finds that either:

(i) No person, entity or financial institution doing business in the City, which is in compliance with the Equal Benefits Ordinance, is capable of performing the desired transaction(s); or

(ii) The City will incur a financial loss or forego a financial benefit which in the opinion of the Treasurer or City Administrative Officer would violate his or her fiduciary duties.

(3) The Equal Benefits Ordinance does not apply to contracts for gifts to the City.

(4) Nothing in this Subsection shall limit the right of the City to waive the provisions of the Equal Benefits Ordinance.

(5) The provisions of this Subsection shall apply to the Equal Benefits Ordinance only. The Equal Benefits Ordinance is not subject to the exemptions provided in Section 10.9 of this Code.

(j) **Consistency with Federal or State Law.** The provisions of the Equal Benefits Ordinance do not apply where the application of these provisions would violate or be inconsistent with the laws, rules or regulations federal or state law, or where the application would violate or be inconsistent with the terms or conditions of a grant or contract with the United States of America, the State of California, or the instruction of an authorized representative of any of these agencies with respect to any grant or contract.

(k) **Severability.** If any provision of the Equal Benefits Ordinance is declared legally invalid by any court of competent jurisdiction, the remaining provisions shall remain in full force and effect.

(l) Timing of Application.

(1) The requirements of the Equal Benefits Ordinance shall not apply to Contracts executed or amended prior to January 1, 2000, or to bid packages advertised and made available to the public, or any bids received by the City, prior to January 1, 2000, unless and until those Contracts are amended after January 1, 2000 and would otherwise be subject to the Equal Benefits Ordinance.

(2) The requirements of the Equal Benefits Ordinance shall apply to competitively bid Contracts that are amended after April 1, 2003, and to competitively bid Contracts that result from bid packages advertised and made available to the public after May 1, 2003.

(3) Unless otherwise exempt, the Equal Benefits Ordinance applies to any agreement executed or amended after January 1, 2000, that meets the definition of a Contract as defined within Subsection 10.8.2.1(b).

SECTION HISTORY

Added by Ord. No. 172,908, Eff. 1-9-00.

Amended by: Ord. No. 173,054, Eff. 2-27-00; Ord. No. 173,058, Eff. 3-4-00; Ord. No. 173,142, Eff. 3-30-00; Ord. No. 173,285, Eff. 6-26-00, Oper. 7-1-00; In Entirety, Ord. No. 175,115, Eff. 4-12-03; Subsec. (b)(7), Ord. No. 176,155, Eff. 9-22-04; Subsecs. (b)(5) and (g)(2), Ord. No. 184,294, Eff. 6-27-16.

Sec. 10.8.3. Equal Employment Practices Provisions.

Every non-construction and construction Contract with, or on behalf of, the City of Los Angeles for which the consideration is \$1,000 or more shall contain the following provisions, which shall be designated as the **EQUAL EMPLOYMENT PRACTICES** provision of such contract:

A. During the performance of this Contract, the Contractor agrees and represents that it will provide Equal Employment Practices and the Contractor and each Subcontractor hereunder will ensure that in his or her Employment Practices persons are employed and employees are treated equally and without regard to, or because of, race, color, religion, national origin, ancestry, sex, sexual orientation, age, disability, marital status or medical condition.

1. This provision applies to work or service performed or materials manufactured or assembled in the United States.

2. Nothing in this section shall require or prohibit the establishment of new classifications of employees in any given craft, work or service category.

3. The Contractor agrees to post a copy of Paragraph A., hereof, in conspicuous places at its place of business available to employees and applicants for employment.

B. The Contractor will, in all solicitations or advertisements for employees placed by, or on behalf of, the Contractor, state that all qualified applicants will receive consideration for employment without regard to their race, color, religion, national origin, ancestry, sex, sexual orientation, age, disability, marital status or medical condition.

C. At the request of the Awarding Authority or the DAA, the Contractor shall certify in the specified format that he or she has not discriminated in the performance of City Contracts against any employee or applicant for employment on the basis or because of race, color, religion, national origin, ancestry, sex, sexual orientation, age, disability, marital status or medical condition.

D. The Contractor shall permit access to, and may be required to provide certified copies of, all of his or her records pertaining to employment and to employment practices by the awarding authority or the DAA for the purpose of investigation to ascertain compliance with the Equal Employment Practices provisions of City Contracts. Upon request, the Contractor shall provide evidence that he or she has or will comply therewith.

E. The failure of any Contractor to comply with the Equal Employment Practices provisions of this contract may be deemed to be a material breach of City Contracts. The failure shall only be established upon a finding to that effect by the Awarding Authority, on the basis of its own investigation or that of the DAA. No such finding shall be made or penalties assessed except upon a full and fair hearing after notice and an opportunity to be heard has been given to the Contractor.

F. Upon a finding duly made that the Contractor has failed to comply with the Equal Employment Practices provisions of a City Contract, the Contract may be forthwith cancelled, terminated or suspended, in whole or in part, by the Awarding Authority, and all monies due or to become due hereunder may be forwarded to, and retained by, the City of Los Angeles. In addition thereto, the failure to comply may be the basis for a determination by the Awarding Authority or the DAA that the said Contractor is a non-responsible bidder or proposer pursuant to the provisions of Section 10.40 of this Code. In the event of such a determination, the Contractor shall be disqualified from being awarded a Contract with the City of Los Angeles for a period of two years, or until the Contractor shall establish and carry out a program in conformance with the provisions hereof.

G. Notwithstanding any other provision of this contract, the City of Los Angeles shall have any and all other remedies at law or in equity for any breach hereof.

H. The Board of Public Works shall promulgate rules and regulations through the DAA, and provide necessary forms and required language to the Awarding Authorities to be included in City Request for Bids or Request for Proposal packages or in supplier registration requirements for the implementation of the Equal Employment Practices provisions of this Contract, and such rules and regulations and forms shall, so far as practicable, be similar to those adopted in applicable Federal Executive orders. No other rules, regulations or forms may be used by an Awarding Authority of the City to accomplish the contract compliance program.

I. Nothing contained in this Contract shall be construed in any manner so as to require or permit any act which is prohibited by law.

J. By affixing its signature on a Contract that is subject to this article, the Contractor shall agree to adhere to the Equal Employment Practices specified herein during the performance or conduct of City Contracts.

K. Equal Employment Practices shall, without limitation as to the subject or nature of employment activity, be concerned with employment practices, including, but not limited to:

1. hiring practices;
2. apprenticeships where approved programs are functioning and other on-the-job training for non-apprenticeable occupations;
3. training and promotional opportunities; and
4. reasonable accommodations for persons with disabilities.

L. All Contractors subject to the provisions of this section shall include a similar provision in all subcontracts awarded for work to be performed under the Contract with the City, and shall impose the same obligations including, but not limited to, filing and reporting obligations, on the Subcontractors as are applicable to the Contractor. Subcontracts shall follow the same thresholds specified in Section 10.8.1.1. Failure of the Contractor to comply with this requirement or to

obtain the compliance of its Subcontractors with all such obligations shall subject the Contractor to the imposition of any and all sanctions allowed by law, including, but not limited to, termination of the Contractor's Contract with the City.

SECTION HISTORY

Amended by: Ord. No. 147,030, Eff. 4-28-75; Subsecs. A., B., C., Ord. No. 164,516, Eff. 4-13-89; Subsec. C., Ord. No. 168,244, Eff. 10-18-92; Ord. No. 173,186, Eff. 5-22-00; Subsec. F., Ord. No. 173,285, Eff. 6-26-00, Oper. 7-1-00; In Entirety, Ord. No. 184,292, Eff. 6-27-16.

Sec. 10.8.4. Affirmative Action Program Provisions.

Every non-construction and construction Contract with, or on behalf of, the City of Los Angeles for which the consideration is \$25,000 or more shall contain the following provisions which shall be designated as the **AFFIRMATIVE ACTION PROGRAM** provisions of such Contract:

A. During the performance of a City Contract, the Contractor certifies and represents that the Contractor and each Subcontractor hereunder will adhere to an Affirmative Action Program to ensure that in its employment practices, persons are employed and employees are treated equally and without regard to or because of race, color, religion, national origin, ancestry, sex, sexual orientation, age, disability, marital status, domestic partner status or medical condition.

1. This section applies to work or services performed or materials manufactured or assembled in the United States.

2. Nothing in this section shall require or prohibit the establishment of new classifications of employees in any given craft, work or service category.

3. The Contractor shall post a copy of Paragraph A., hereof, in conspicuous places at its place of business available to employees and applicants for employment.

B. The Contractor shall, in all solicitations or advertisements for employees placed, by or on behalf of, the Contractor, state that all qualified applicants will receive consideration for employment without regard to their race, color, religion, national origin, ancestry, sex, sexual orientation, age, disability, marital status, domestic partner status or medical condition.

C. At the request of the Awarding Authority or the DAA, the Contractor shall certify on an electronic or hard copy form to be supplied, that the Contractor has not discriminated in the performance of City Contracts against any employee or applicant for employment on the basis or because of race, color, religion, national origin, ancestry, sex, sexual orientation, age, disability, marital status, domestic partner status or medical condition.

D. The Contractor shall permit access to, and may be required to provide certified copies of, all of its records pertaining to employment and to its employment practices by the Awarding Authority or the DAA for the purpose of investigation to ascertain compliance with the

Affirmative Action Program provisions of City Contracts and, upon request, to provide evidence that it has or will comply therewith.

E. The failure of any Contractor to comply with the Affirmative Action Program provisions of City Contracts may be deemed to be a material breach of a City Contract. The failure shall only be established upon a finding to that effect by the Awarding Authority, on the basis of its own investigation or that of the DAA. No finding shall be made except upon a full and fair hearing after notice and an opportunity to be heard has been given to the Contractor.

F. Upon a finding duly made that the Contractor has breached the Affirmative Action Program provisions of a City Contract, the Contract may be forthwith cancelled, terminated or suspended, in whole or in part, by the Awarding Authority, and all monies due or to become due hereunder may be forwarded to and retained by the City of Los Angeles. In addition thereto, the breach may be the basis for a determination by the Awarding Authority or the Board of Public Works that the Contractor is a non-responsible bidder or proposer pursuant to the provisions of Section 10.40 of this Code. In the event of such determination, the Contractor shall be disqualified from being awarded a contract with the City of Los Angeles for a period of two years, or until he or she shall establish and carry out a program in conformance with the provisions hereof.

G. In the event of a finding by the Fair Employment and Housing Commission of the State of California, or the Board of Public Works of the City of Los Angeles, or any court of competent jurisdiction, that the Contractor has been guilty of a willful violation of the California Fair Employment and Housing Act, or the Affirmative Action Program provisions of a City Contract, there may be deducted from the amount payable to the Contractor by the City of Los Angeles under the contract, a penalty of ten dollars for each person for each calendar day on which the person was discriminated against in violation of the provisions of a City Contract.

H. Notwithstanding any other provisions of a City Contract, the City of Los Angeles shall have any and all other remedies at law or in equity for any breach hereof.

I. The Public Works Board of Commissioners shall promulgate rules and regulations through the DAA and provide to the Awarding Authorities electronic and hard copy forms for the implementation of the Affirmative Action Program provisions of City contracts, and rules and regulations and forms shall, so far as practicable, be similar to those adopted in applicable Federal Executive Orders. No other rules, regulations or forms may be used by an Awarding Authority of the City to accomplish this contract compliance program.

J. Nothing contained in City Contracts shall be construed in any manner so as to require or permit any act which is prohibited by law.

K. By affixing its signature to a Contract that is subject to this article, the Contractor shall agree to adhere to the provisions in this article for the duration of the Contract. The Awarding Authority may also require Contractors and suppliers to take part in a pre-registration, pre-bid, pre-proposal, or pre-award conference in order to develop, improve or implement a qualifying Affirmative Action Program.

1. The Contractor certifies and agrees to immediately implement good faith effort measures to recruit and employ minority, women and other potential employees in a non-discriminatory manner including, but not limited to, the following actions as appropriate and available to the Contractor's field of work. The Contractor shall:

- (a) Recruit and make efforts to obtain employees through:
 - (i) Advertising employment opportunities in minority and other community news media or other publications.
 - (ii) Notifying minority, women and other community organizations of employment opportunities.
 - (iii) Maintaining contact with schools with diverse populations of students to notify them of employment opportunities.
 - (iv) Encouraging existing employees, including minorities and women, to refer their friends and relatives.
 - (v) Promoting after school and vacation employment opportunities for minority, women and other youth.
 - (vi) Validating all job specifications, selection requirements, tests, etc.
 - (vii) Maintaining a file of the names and addresses of each worker referred to the Contractor and what action was taken concerning the worker.
 - (viii) Notifying the appropriate Awarding Authority and the DAA in writing when a union, with whom the Contractor has a collective bargaining agreement, has failed to refer a minority, woman or other worker.
- (b) Continually evaluate personnel practices to assure that hiring, upgrading, promotions, transfers, demotions and layoffs are made in a non-discriminatory manner so as to achieve and maintain a diverse work force.
- (c) Utilize training programs and assist minority, women and other employees in locating, qualifying for and engaging in the training programs to enhance their skills and advancement.
- (d) Secure cooperation or compliance from the labor referral agency to the Contractor's contractual Affirmative Action Program obligations.
- (e) Establish a person at the management level of the Contractor to be the Equal Employment Practices officer. Such individual shall have the authority to disseminate and enforce the Contractor's Equal Employment and Affirmative Action Program policies.

(f) Maintain records as are necessary to determine compliance with Equal Employment Practices and Affirmative Action Program obligations and make the records available to City, State and Federal authorities upon request.

(g) Establish written company policies, rules and procedures which shall be encompassed in a company-wide Affirmative Action Program for all its operations and Contracts. The policies shall be provided to all employees, Subcontractors, vendors, unions and all others with whom the Contractor may become involved in fulfilling any of its Contracts.

(h) Document its good faith efforts to correct any deficiencies when problems are experienced by the Contractor in complying with its obligations pursuant to this article. The Contractor shall state:

- (i) What steps were taken, how and on what date.
- (ii) To whom those efforts were directed.
- (iii) The responses received, from whom and when.
- (iv) What other steps were taken or will be taken to comply and when.
- (v) Why the Contractor has been or will be unable to comply.

2. Every contract of \$25,000 or more which may provide construction, demolition, renovation, conservation or major maintenance of any kind shall also comply with the requirements of Section 10.13 of the Los Angeles Administrative Code.

L. The Affirmative Action Program required to be submitted hereunder and the pre-registration, pre-bid, pre-proposal or pre-award conference which may be required by the Awarding Authority shall, without limitation as to the subject or nature of employment activity, be concerned with such employment practices as:

- 1. Apprenticeship where approved programs are functioning, and other on-the-job training for non-apprenticeable occupations;
- 2. Classroom preparation for the job when not apprenticeable;
- 3. Pre-apprenticeship education and preparation;
- 4. Upgrading training and opportunities;
- 5. Encouraging the use of Contractors, Subcontractors and suppliers of all racial and ethnic groups; provided, however, that any contract subject to this ordinance shall require the Contractor, Subcontractor or supplier to provide not less than the prevailing wage, working conditions and practices generally observed in private industries in the Contractor's, Subcontractor's or supplier's geographical area for such work;

6. The entry of qualified women, minority and all other journeymen into the industry; and
7. The provision of needed supplies or job conditions to permit persons with disabilities to be employed, and minimize the impact of any disability.

M. Any adjustments which may be made in the Contractor's work force to achieve the requirements of the City's Affirmative Action Program in purchasing and construction shall be accomplished by either an increase in the size of the work force or replacement of those employees who leave the work force by reason of resignation, retirement or death and not by termination, layoff, demotion or change in grade.

N. This ordinance shall not confer upon the City of Los Angeles or any Agency, Board or Commission thereof any power not otherwise provided by law to determine the legality of any existing collective bargaining agreement and shall have application only to discriminatory employment practices by Contractors engaged in the performance of City Contracts.

O. All Contractors subject to the provisions of this article shall include a similar provision in all subcontracts awarded for work to be performed under the Contract with the City and shall impose the same obligations including, but not limited to, filing and reporting obligations, on the Subcontractors as are applicable to the Contractor. Failure of the Contractor to comply with this requirement or to obtain the compliance of its Subcontractors with all such obligations shall subject the Contractor to the imposition of any and all sanctions allowed by law, including, but not limited to, termination of the Contractor's Contract with the City.

SECTION HISTORY

Amended by Ord. No. 147,030, Eff. 4-28-75; Subsecs. A., B., C., Ord. No. 164,516, Eff. 4-13-89; Subsecs. B. and C., Ord. No. 168,244, Eff. 10-18-92; Title and Section, Ord. No. 173,186, Eff. 5-22-00; Subsec. F., Ord. No. 173,285, Eff. 6-26-00, Oper. 7-1-00; In Entirety, Ord. No. 184,292, Eff. 6-27-16.

Assignment of Anti-Trust Claims

ASSIGNMENT OF ANTI-TRUST CLAIMS

It is the policy of Los Angeles World Airports ("LAWA") to inform each Bidder/Proposer that in submitting a bid/proposal to LAWA, the Bidder/Proposer may be subject to California Government Code Sections 4550 – 4554. If applicable, the Bidder/Proposer offers and agrees that if the bid is accepted, it will assign to LAWA all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act or under the Cartwright Act, arising from purchases of goods, services, or materials by the Bidder/Proposer. Such assignment is made and becomes effective at the time LAWA tenders final payment to the Bidder/Proposer.

GOVERNMENT CODE

SECTION 4550-4554

4550. As used in this chapter:

(a) "Public purchase" means a purchase by means of competitive bids of goods, services, or materials by the state or any of its political subdivisions or public agencies on whose behalf the Attorney General may bring an action pursuant to subdivision (c) of Section 16750 of the Business and Professions Code.

(b) "Public purchasing body" means the state or the subdivision or agency making a public purchase.

4552. In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder.

The preceding provisions of this section shall be included in full in any specifications for the public purchase and shall be included in full in the bid agreement or general provisions incorporated into the bid agreement.

4553. If an awarding body or public purchasing body receives, either through judgment or settlement, a monetary recovery for a cause of action assigned under this chapter, the assignor shall be entitled to receive reimbursement for actual legal costs incurred and may, upon demand, recover from the public body any portion of the recovery, including treble damages, attributable to overcharges that were paid by the assignor but were not paid by the public body as part of the bid price, less the expenses incurred in obtaining that portion of the recovery.

In state contracts, the preceding provisions of this section shall be included in full in any specifications for the public purchase and shall be included in full in the bid agreement or general provisions incorporated into the bid agreement.

4554. Upon demand in writing by the assignor, the assignee shall, within one year from such demand, reassign the cause of action assigned under this part if the assignor has been or may have been injured by the violation of law for which the cause of action arose and (a) the assignee has not been injured thereby, or (b) the assignee declines to file a court action for the cause of action.

In state contracts, the preceding provisions of this section shall be included in full in any specifications for the public purchase and shall be included in full in the bid agreement or general provisions incorporated into the bid agreement.

Child Support Obligations

CHILD SUPPORT OBLIGATIONS

Pursuant to the LAAC, Division 10, Chapter 1, Article 1, Section 10.10, contractors and subcontractors performing work for the City must comply with all reporting requirements and Wage and Earning Assignment Orders relative to legally mandated child support and certify that contractors/subcontractors will maintain such compliance throughout the term of the contract.

Sec. 10.10. Child Support Assignment Orders.

a. Definitions.

1. **Awarding Authority** means a subordinate or component entity or person of the City (such as a City department or Board of Commissioners) that has the authority to enter into a contract or agreement for the provision of goods or services on behalf of the City of Los Angeles.

2. **Contract** means any agreement, franchise, lease or concession including an agreement for any occasional professional or technical personal services, the performance of any work or service, the provision of any materials or supplies, or the rendering of any service to the City of Los Angeles or to the public which is let, awarded or entered into with, or on behalf of, the City of Los Angeles or any awarding authority thereof.

3. **Contractor** means any person, firm, corporation, partnership or any combination thereof which submits a bid or proposal or enters into a contract with any awarding authority of the City of Los Angeles.

4. **Subcontractor** means any person, firm, corporation, partnership or any combination thereof who enters into a contract with a contractor to perform or provide a portion of any contract with the City.

5. **Principal Owner** means any person who owns an interest of 10 percent or more in a contractor or subcontractor as defined herein.

b. **Mandatory Contract Provisions.** Every contract that is let, awarded or entered into with or on behalf of the City of Los Angeles shall contain a provision obligating the contractor or subcontractor to fully comply with all applicable State and Federal employment reporting requirements for the contractor or subcontractor's employees. The contractor or subcontractor will also be required to certify that the principal owner(s) thereof are in compliance with any Wage and Earnings Assignment Orders and Notices of Assignment applicable to them personally, that the contractor or subcontractor will fully comply with all lawfully served Wage and Earnings Assignment Orders and Notices of Assignments in accordance with California Family Code §§5230 *et seq.* and that the contractor or subcontractor will maintain such compliance throughout the term of the contract.

Failure of a contractor or subcontractor to comply with all applicable reporting requirements or to implement lawfully served Wage and Earnings Assignments or Notices of Assignment or failure of the principal owner(s) to comply with any Wage and Earnings Assignments or Notices of Assignment applicable to them personally shall constitute a default under the contract. Failure of the contractor or

subcontractor or principal owner thereof to cure the default within 90 days of notice of such default by the City shall subject the contract to termination.

c. **Notice to Bidders.** Each awarding authority shall be responsible for giving notice of the provisions of this ordinance to those who bid on, or submit proposals for, prospective contracts with the City.

d. **Current Contractor Compliance.** Within 30 days of the operative date of this ordinance, the City, through its operating departments, shall serve upon existing contractors a written request that they and their subcontractors (if any) comply with all applicable State and Federal employment reporting requirements for the contractor and subcontractor's employees, that they certify that the principal owner(s) of the contractor and any subcontractor are in compliance with any Wage and Earnings Assignment Orders and Notices of Assignment applicable to them personally, that the contractor and subcontractor will fully comply with all lawfully served Wage and Earnings Assignment Orders and Notices of Assignments in accordance with California Family Code §§5230 *et seq.* and that the contractor and subcontractor will maintain such compliance throughout the term of the contract.

e. **City's Compliance with California Family Code.** The City shall maintain its compliance with the provisions of California Family Code §§5230 *et seq.* and all other applicable law regarding its obligations as an employer to implement lawfully served Wage and Earnings Assignments and Notices of Assignment.

f. Report of Employees Names to District Attorney.

1. The City shall maintain its current practice of assisting the District Attorney's support enforcement activities by annually reporting to the Los Angeles County District Attorney the names of all of its employees and retirees so that the District Attorney may identify those employees and retirees subject to Wage and Earnings Assignment Orders and Notices of Assignment and may establish court orders for support, where appropriate. Should the District Attorney so request it, the City will provide such information on a more frequent basis.

2. All applicants for employment with the City of Los Angeles will be asked to acknowledge their responsibility to comply with any court-ordered support obligations and will be advised of the City's practice of assisting the District Attorney as described in the provisions of Subsection f.1., above.

SECTON HISTORY

Added by Ord. No. 172,401, Eff.2-13-99.

Living Wage Ordinance

LIVING WAGE ORDINANCE

Unless otherwise exempt in accordance with the provisions of the Living Wage Ordinance, Los Angeles Administrative Code Section 10.37 et seq., as amended from time to time (the "LWO"), (i) contractors under service contracts primarily for the furnishing of services to or for the City and that involve an expenditure or receipt in excess of \$25,000 and a contract term of at least three (3) months, (ii) certain lessees and licensees of City property, and (iii) certain recipients of City financial assistance, shall comply with the provisions of the LWO.

Generally, the LWO requirements include, among other things : (i) Wages: employers shall pay its employees a wage of no less than the hourly rates set under the LWO; and (ii) Compensated Days Off: employers shall provide at least twelve (12) compensated days off per year for sick leave, vacation or personal necessity at the employee's request, and employers shall also permit its employees to take at least an additional ten (10) days a year of uncompensated time to be used for sick leave for the illness of the employee or a member of his or her immediate family where the employee has exhausted his or her compensated days off for that year.

For "Airport Employees," the living wage rate, effective **July 1, 2021**, is **\$17.00** per hour. Additionally, in accordance with Section 10.37.3(a) of the LWO, the health benefits are to be adjusted consistent with Section 10.37.2(a). Consequently, the health benefits will increase to **\$5.67** per hour or **\$22.67** per hour without health benefits.

Compliance with LWO does not require any form to be submitted with the bid/proposal, however, if the Bidders/Proposers believe that they meet the qualifications for one of the LWO Statutory Exemptions (Collective bargaining agreement with supersession language or Occupational license; 501(c)(3) Non-Profit Organizations or One-Person Contractors; Small Business (for lessees and licensees only)), they shall submit with their bid/proposal one of the exemption forms along with supporting documents.

Once the contract is executed, the contractor is required to complete and submit the following forms:

- [Employee Information Form](#)
- [Subcontractor Information Form](#)

All the forms pertaining to LWO compliance are available at: <https://bca.lacity.org/LWO%20Printable%20Forms>. Please follow the instructions on the forms for completion and submittal. If you have questions about LWO compliance at LAWA, please contact us at 424-646-5380 or procurementrequirements@lawa.org.

For the most current LWO rates, rules and regulations, please visit the Department of Public Works' website at <http://bca.lacity.org> or contact the Bureau of Contract Administration, Office of Contract Compliance, 1149 S. Broadway St., Suite 300, Los Angeles, CA 90015; phone: (213) 847-1922, and fax: (213) 847-2777.

City of Los Angeles

CALIFORNIA



Eric Garcetti
MAYOR

CURRENT AND PRIOR LIVING WAGE RATES FOR AIRPORT EMPLOYEES

EFFECTIVE DATES	CASH WAGE + HEALTH BENEFITS (HB)	FULL CASH WAGE*
July 1, 2021 – June 30, 2022	\$17.00 + \$5.67 per hour in HB	\$22.67 per hour
July 1, 2020 – June 30, 2021	\$16.50 + \$5.55 per hour in HB	\$22.05 per hour
July 1, 2019 – June 30, 2020	\$15.25 + \$5.34 per hour in HB	\$20.59 per hour
July 1, 2018 – June 30, 2019	\$13.75 + \$5.24 per hour in HB	\$18.99 per hour
July 1, 2017 - June 30, 2018	\$12.08 + \$5.18 per hour in HB	\$17.26 per hour
Oct 5, 2016 - June 30, 2017	\$11.68 + \$5.05 per hour in HB	\$16.73 per hour
July 1, 2016 – Oct 4, 2016	\$11.27 + \$4.91 per hour in HB	\$16.18 per hour
July 1, 2015 - June 30, 2016	\$11.17 + \$4.87 per hour in HB	\$16.04 per hour
July 1, 2014 - June 30, 2015	\$11.03 + \$4.81 per hour in HB	\$15.84 per hour
July 1, 2013 - June 30, 2014	\$10.91 + \$4.76 per hour in HB	\$15.67 per hour
July 1, 2012 - June 30, 2013	\$10.70 + \$4.67 per hour in HB	\$15.37 per hour

*The "Full Cash Wage" is the wage rate that employees must receive if their employer does not provide them with health benefits.

For additional information or assistance, call:

City of Los Angeles
Department of Public Works
Bureau of Contract Administration
Office of Contract Compliance
1149 S. Broadway Street, Suite 300
Los Angeles, CA 90015
Phone: (213) 847-2625 – Email: bca.eeoe@lacity.org

ATTACHMENT 2:

Technical Proposal Forms (Proposal Part B)

PART B - TECHNICAL PROPOSAL

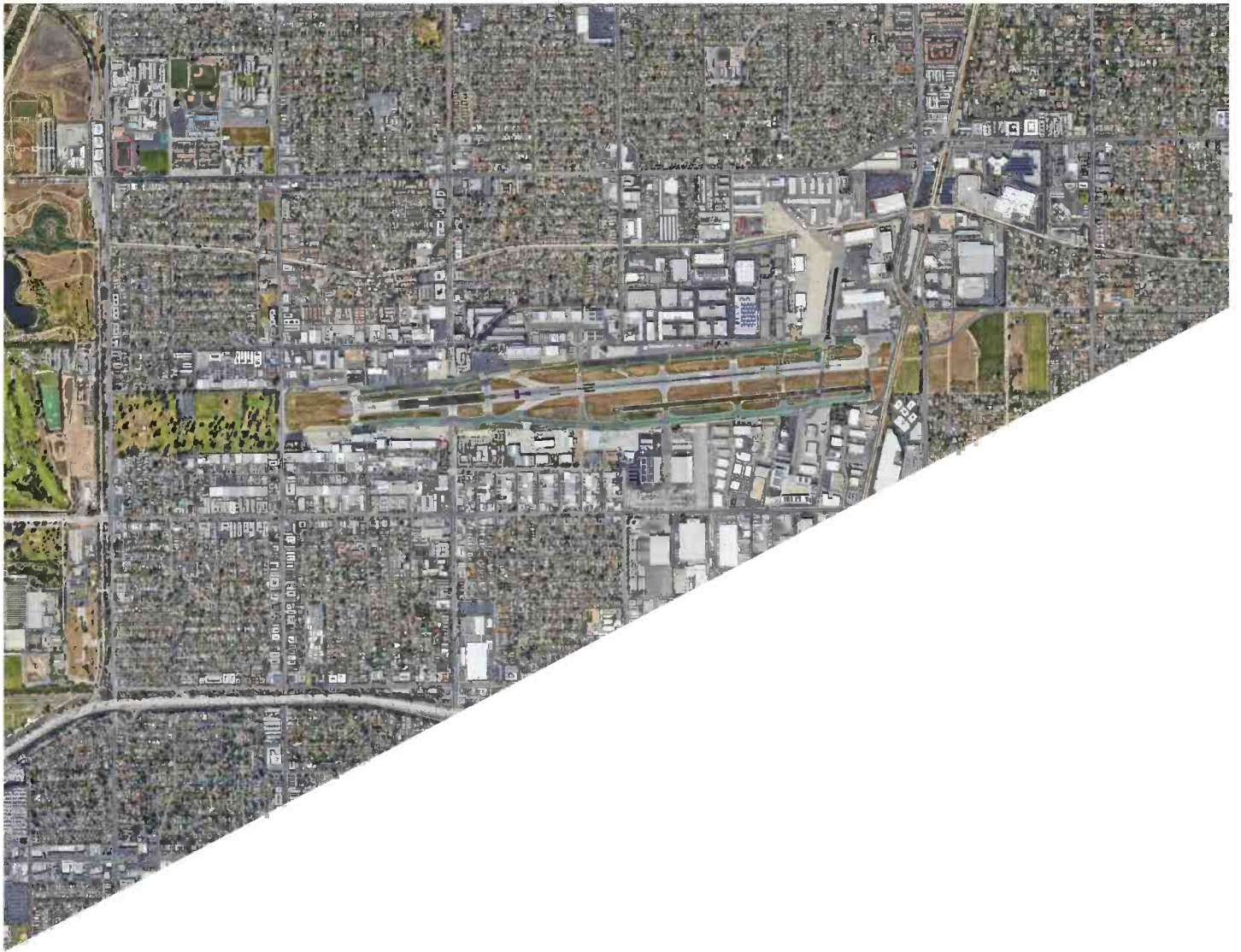
DECEMBER 21, 2021

STATEMENT OF QUALIFICATIONS FOR
Los Angeles World Airports

Design Services for VNY Airfield Improvement Program



RS&H



PART B – TECHNICAL PROPOSAL:
8.3.1 Section 1 - Cover Letter



5901 Century Blvd, Suite 1030
Los Angeles, CA 90045

o 310-692-2040
c 630-300-8511
rsandh.com

City of Los Angeles
Los Angeles World Airports
Los Angeles International Airport

Proposer: RS&H California, Inc.

Date: December 20, 2021

Justin Erbacci, Chief Executive Officer
Los Angeles World Airports
Clifton A. Moore Administration Office Building
1 World Way
Los Angeles, CA 90045

**Re: REQUEST FOR PROPOSALS - DESIGN SERVICES FOR VNY AIRFIELD
IMPROVEMENT PROGRAM**

Dear Mr. Erbacci:

In response to the Request for Proposals (RFP) for Design Services for VNY Airfield Improvement Program, the undersigned hereby declares that I have carefully read and examined the enclosed proposal documents and hereby submit this three-part proposal in response to said RFP.

I, the undersigned, agree that this proposal constitutes a valid offer to perform and complete the Contract described in the RFP.

I, the undersigned, agree to appear at Los Angeles International Airport, 7301 World Way West Office Building, or other location to participate in a presentation and interview at the date and place of a written notice from the Chief Executive Officer, or designee, to do so, mailed and/or emailed to our business address.

I, the undersigned, acknowledge the right of LAWA to waive informalities in the proposals, to reject any or all proposals submitted, and to re-advertise for proposals. I, the undersigned, acknowledge receipt and consideration of the following addenda to the proposal documents: Addenda Numbers: 1 and 2.

I certify that I have examined and am fully familiar with the Request for Proposals documents and that I have satisfied myself with the respect to any questions I have regarding the RFP which could have in any way affected my understanding of the Scope of Work.

I, the undersigned, declare under penalty of perjury under the laws of the State of California, that the information stated in the proposal is true and correct.

Proposer: RS&H California, Inc. – Joseph P. Jackson, President*

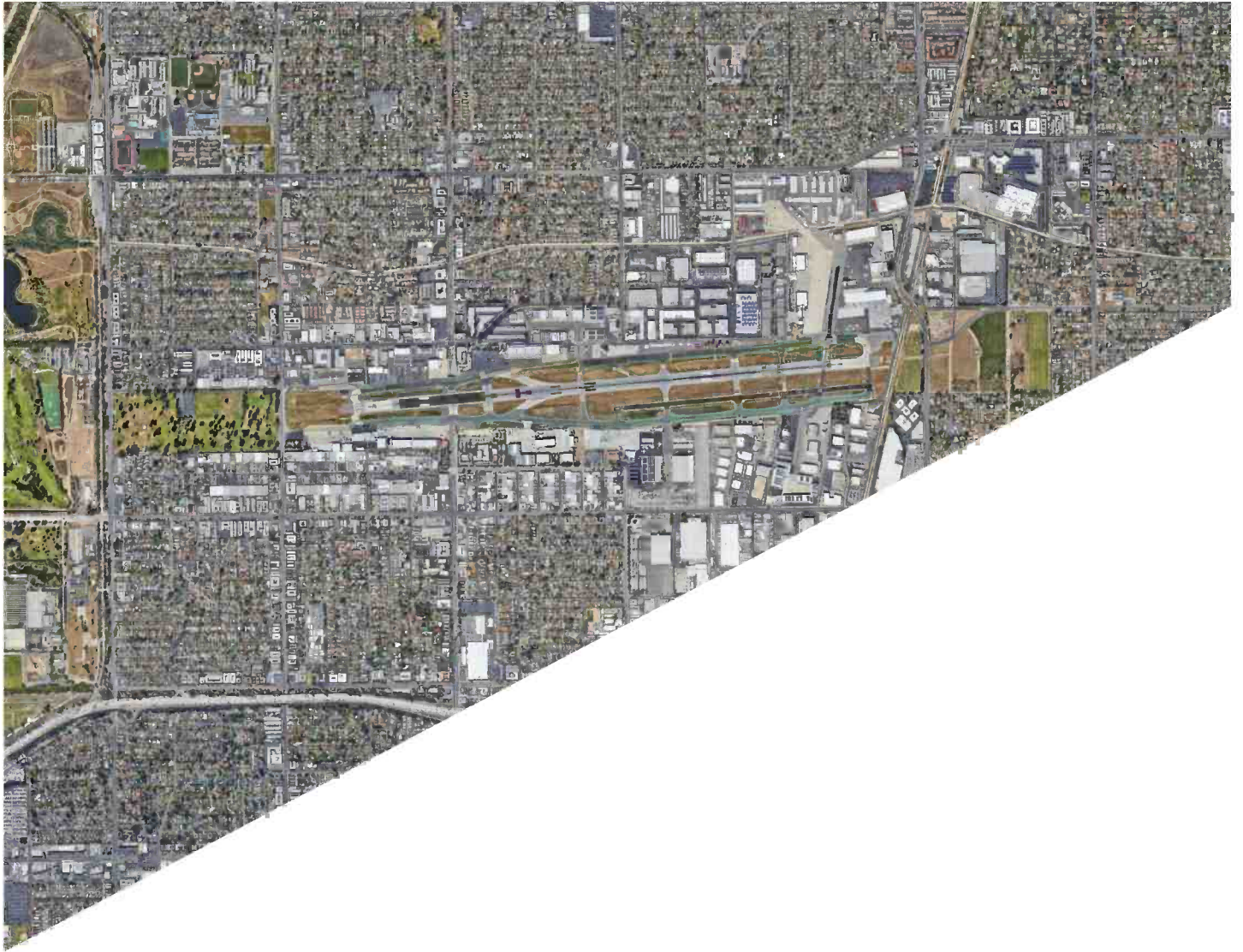
310-692-2040, joe.jackson@rsandh.com

Sincerely,

Joseph P. Jackson, President
RS&H California, Inc.

*Mr. Jackson has the authority to sign on behalf of RS&H California, Inc.





PART B – TECHNICAL PROPOSAL:
8.3.2. Section 1 - Minimum Qualifications

8.3.2. MINIMUM REQUIREMENTS

8.3.2.1. Design Experience - High Value Project

GENERAL PROJECT INFORMATION					
Project Title:	New Crossfield Taxiway P				
Project Client:	Los Angeles World Airport				
Client Contact Info:	Name	Email	Phone		
	Goran Lazarevic, PE	GLazarevic@lawa.org	424-646-5870		
Engineer(s) of Record:	Byron Chavez, PE				
Project Manager:	Byron Chavez, PE				
Project Budget:	Design/CA \$6.45M Construction \$76.5M				
Project Schedule:	9/2017 through 7/2021				
Project Description:	To support the West Bradley Gates, RS&H completed the planning, design, and construction administration of the new Crossfield Taxiway P, airside vehicle service road, and associated enabling projects that provide unimpeded taxiway flow between the north and south airfields to accommodate Airplane Design Group VI aircraft. The new Crossfield Taxiway P centerline is located 324 feet parallel and west of the Taxiway N centerline, is approximately 3,700-feet-long, 82-feet-wide with 40-foot-wide shoulders. Included is one connector taxiway between Taxiway N and Taxiway P, Taxiway N2. The taxiways are fully lit with taxiway edge and centerline lights.				
	The project included demolition and/or relocation of existing facilities such as Remain Over Night (RON) parking, water deluge tank and pump house building, hangar facilities, and other infrastructures as enabling projects to facilitate the construction of Taxiway P. Additionally, LAWA tasked RS&H to design the keel section reconstruction of Taxilane C9 as a change order under the Taxiway P project. RS&H issued a preliminary design to the contractor one day after receiving notice from LAWA and followed up with finalized design two weeks later. The construction was completed in 23 calendar days, which was more than a week earlier than anticipated. Work took place 24 hours a day to complete the project in the shortest amount of time possible. RS&H performed the construction administration services and to not delay construction, onsite RS&H associates performed grade verifications throughout days and nights to eliminate back and forth travel from the field to the office.				
Project Status:	Planning	Design	Procurement	Construction	Operations
					X

Which Key Personnel from this Proposer Team were involved in this Subject Project?

What Role(s) did those Key Personnel play on this Subject Project?

PERSONNEL NAME	ROLE ON SUBJECT PROJECT
Byron Chavez	Project Manager/Engineer of Record
Joe Jackson	Project Officer
Phillip Leung	Civil Engineer
Evan Pfahler	Lead Planner

**Which Companies from this Proposer Team were involved in this Subject Project?
What Role(s) did those Companies play on this Subject Project?**

COMPANY NAME	ROLE ON SUBJECT PROJECT
Diaz Consultants, Inc.	Geotechnical
LEAN Technology Corp.	Site Electrical and Airfield Lighting Vault Electrical Modifications
VCA Engineers, Inc.	Civil (Drainage and AOA Fence) and Structural Engineering
Wagner Engineering & Surveying	Surveying

QUALIFYING STATEMENTS FOR THIS RFP	
Did this Project include the design of a runway and/or taxiway project(s) to FAA specifications with a construction value of at least \$5 Million dollars, within the last ten (10) years?	Yes
Did this Project include the design a runway and/or taxiway project at a similarly complex major general aviation airport as Van Nuys Airport within the last ten (10) years?	Yes

Other Notes:	<p>Although not a general aviation airport, the complexities of the project including tenant and stakeholder coordination and phasing with LAWA is similar to the complexities and coordination that will be needed for the proposed work at VNY.</p> <p>Numerous tenants and airline operators were impacted as part of the project. Most tenant lease spaces were being reduced or altered, which put great strain on tenant operations. The project successfully provided a balance between completing the project as intended and mitigating the impacts to the stakeholders. The project was phased in more than 20 phases and sub-phases to minimize the impacts.</p>
---------------------	---



8.3.2.2. Design Experience - Airport

GENERAL PROJECT INFORMATION			
Project Title:	Manassas Regional Airport Runway 34R Extension and NAVAIDs		
Project Client:	City of Manassas, Virginia		
Client Contact Info:	Name	Email	Phone
	Juan E. Rivera	jrivera@ci.manassas.va.us	703-361-1882
Engineer(s) of Record:	Nicholas Patterson, PE		
Project Manager:	Nicholas Patterson, PE		
Project Budget:	Design/CA/RPR \$2.1M Construction \$9.5M		
Project Schedule:	2014-2018		
Project Description:	<p>Manassas Regional Airport, owned and operated by the City of Manassas, Virginia (a suburb of Washington D.C.) elected to proceed with the 500-foot extension of Runway 34R. RS&H was selected as the prime consultant by the City of Manassas to provide design, permitting, and construction management services for the project. Manassas Regional Airport is categorized as a National General Aviation Airport and serves as a Reliever Airport to Washington Dulles International and Ronald Reagan National Airports. Runway 16L-34R is the airport's primary runway, and the only runway equipped with an instrument landing system. Due to the importance of this runway to the airport users, significant coordination between RS&H, Airport staff, and Airport tenants prior to and during construction resulted in minimal impacts to airport operations.</p> <p>In addition to the 500-foot runway extension, other major project elements included the extension of parallel Taxiway B, relocation of Runway 34R precision approach path indicator (PAPI) lighting, new Runway 16L PAPI, runway and taxiway safety area improvements, relocated Runway 16L Localizer, obstruction removal, airport lighting and signage, concrete drainage ditches, drainage improvements, and pavement marking. The construction included complex phasing to maintain aircraft operations.</p> <p>The 500-foot extensions of Runway 34R and Taxiway B included significant environmental challenges. A portion of these areas occurred within the 100-year floodway area of Broad Run and nearly the entire area fell within Broad Run's floodplain. Regulatory permitting and drainage coordination was required from the federal to local level to ensure the 110,000 cubic yards of offsite embankment required for the extensions did not create an adverse impact.</p> <p>The construction of this project included multiple daily challenges that required coordination between RS&H, Airport staff, contractors, air traffic control tower, FAA, and Virginia Department of Aviation. However, two specific challenges required detailed attention and action by all parties involved. It was the Airport's goal to maintain runway operations during the complete duration of the project. Therefore, construction was phased strategically to minimize durations within the active runway safety area. During the most critical phases, the Runway 34R threshold was displaced 700' and declared distances were applied. The operable runway length during these critical phases was 5,000-feet, the minimum required for the most critical aircraft operating at Manassas.</p>		

Project Status:	Planning	Design	Procurement	Construction	Operations
					X

Which Key Personnel from this Proposer Team were involved in this Subject Project?

What Role(s) did those Key Personnel play on this Subject Project?

PERSONNEL NAME	ROLE ON SUBJECT PROJECT
N/A	N/A

Which Companies from this Proposer Team were involved in this Subject Project?

What Role(s) did those Companies play on this Subject Project?

COMPANY NAME	ROLE ON SUBJECT PROJECT
N/A	N/A

QUALIFYING STATEMENTS FOR THIS RFP

Did this Project include the design of a runway and/or taxiway project(s) to FAA specifications with a construction value of at least \$5 Million dollars, within the last ten (10) years?	Yes
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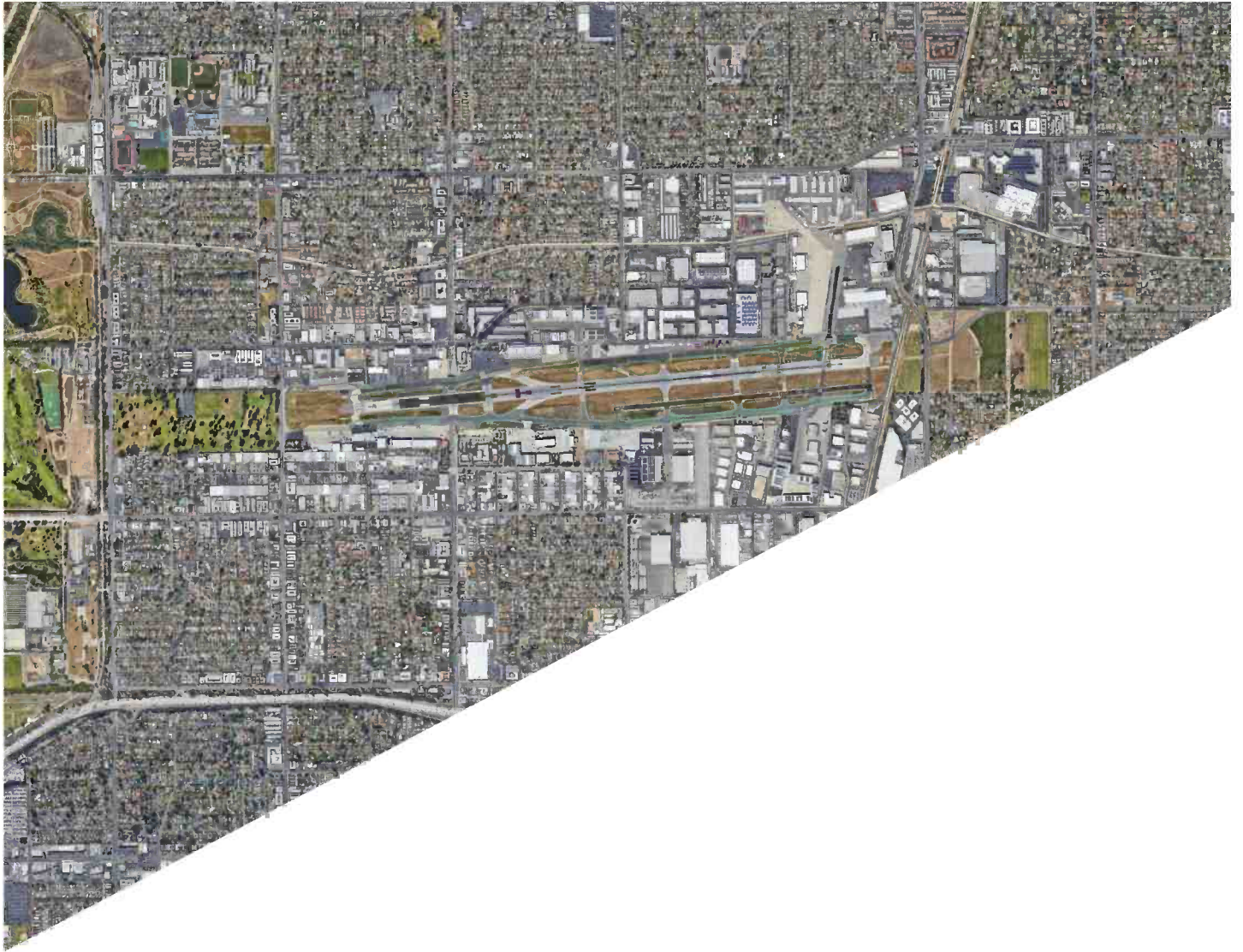
Did this Project include the design a runway and/or taxiway project at a similarly complex major general aviation airport as Van Nuys Airport within the last ten (10) years?	Yes
---	-----

Other Notes:

Similar to VNY, Manassas Regional Airport is an important National General Aviation Reliever Airport to nearby commercial service airports (Washington Dulles International and Ronald Reagan National) and accommodates large numbers of business jets and other private aircraft. The FAA National Plan of Integrated Airport Systems reports 342 based aircraft at Manassas Regional, approximately 100 more aircraft than reported at VNY.

As with VNY, operational safety and readiness are of paramount importance. RS&H collaborated with the Airport in implementing very detailed safety and security requirements for this project. Well before the completion of design, RS&H discussed the proposed construction phasing with the Manassas Regional Airport air traffic control tower and airport users. This collaboration helped all parties be knowledgeable and comfortable with the phased relocated runway thresholds and declared distances.





PART B – TECHNICAL PROPOSAL:

8.3.3. Section 2: Executive Summary

A. EXECUTIVE SUMMARY

IMPORTANT FEATURES

RS&H offers LAWA many features and benefits, including these top six:

1. Local team located minutes away from LAWA offices and less than an hour away from Van Nuys Airport (VNY) provides quick and efficient response.
2. Strong aviation orientation in professional engineering design services means LAWA's assignments are staffed by qualified aviation professionals with extensive airport experience.
3. Leading provider of airport professional engineering design services with a proven approach assures LAWA an optimum response to all assignments.
4. Key staff and subconsultants have extensive LAWA experience, giving LAWA a deep bench of well-qualified team members that can address any assignment at VNY, regardless of size or type.
5. All RS&H team firms have worked together on LAWA projects assuring LAWA a very efficient team that is performing at a high level.
6. Superior record of performance and client satisfaction assures LAWA a quality outcome on every assignment.

1. Local Team = Quick/Efficient Response for LAWA

The proposed Project Manager (Byron Chavez), Project Principal (Joe Jackson), Design Manager (Phillip Leung), and Tenant and Stakeholder Coordination (Evan Pfahler), as well as members of the RS&H Team, are local to Los Angeles and have worked closely together on previous projects for LAWA. They know LAWA procedures and preferences, local agencies, Airport staff, and stakeholders. Our team is readily available to address any need that may arise by having nearly all assigned staff at our office minutes from LAWA's offices and less than an hour from VNY. The benefit of having a local team will allow immediate assistance if/when the need arises.

2. Aviation Orientation = Qualified Professionals for LAWA

RS&H has an extensive history of aviation design solutions for projects like those identified in the scope of services for LAWA. As full-time aviation-focused engineers and technical experts, we have the experience that allows work to be done correctly the first time and to FAA standards. We are very familiar with the unique design requirements associated with heavy use airfields and at Major General Aviation (GA) airports.

3. Leading Airfield Professional Engineering Design Services Provider = Optimum Approach for LAWA

RS&H has extensive experience providing airfield professional engineering design services. We have currently completed or have ongoing contracts with more than 250 airports to provide such services and have completed a vast array of similar airfield engineering projects. From this experience, we have developed an optimum approach to providing professional engineering design services for airfields that will give LAWA highly effective results.

RS&H Provides All Required Resources

Previous Experience With:

- ✓ Tenant Coordination
- ✓ LADBS
- ✓ CBP
- ✓ FAA and FAAACs
- ✓ LADWP
- ✓ CA Codes, Rules, and Regulations

Local Office:

5901 W. Century Blvd., Suite 1030
Los Angeles, CA 90045

4. Extensive LAWA Experience/Deep Bench = Ability to Complete Any Tasks

RS&H has completed more than 60 tasks for LAWA (under DA-4701, DA-4981, DA-5173, and DA-5318). We know LAWA's airports, staff, stakeholders, and most importantly, the vision of LAWA for the future. Along with extensive LAWA and VNY experience, RS&H has provided engineering and design services for more than 250 airports throughout the U.S. and 33 GA on-call contracts. Our team of aviation experts understands the complexities of working at heavy use airports and site constrained airports like VNY. We have the varied skills, training, and experience to execute all LAWA projects on-time and within budget.

5. Previous Team Working Relationships = High Performing Team providing Efficient and Effective Design Services for LAWA

The staff and firms proposed for the VNY Airfield Improvement Program Design Services have worked together extensively on LAWA and other client projects. Our high-performing team for LAWA is composed of individuals and firms with specialized expertise at airports and complementary skills who are goal-oriented and very focused on achieving clear, outstanding results. Together they will collaborate and innovate to produce work at the highest levels and achieve success for LAWA's projects at VNY.

6. Superior Performance Record = LAWA Quality Results

LAWA can rest assured that RS&H will deliver projects anticipated under this assignment on-time and with the quality LAWA expects. Our expertise, committed and responsive key personnel, and proven project approach will give LAWA project success at VNY. These attributes set RS&H apart and make RS&H the best choice for the VNY Airfield Improvement Program Design Services contract.

QUALIFICATIONS

RS&H and all proposed subconsultants are best qualified to provide design services for the VNY Airfield Improvement Program.

Firm's Experience

RS&H is the industry leader providing airfield design services for runways, taxiways, shoulders, airfield markings, and similar projects anticipated under the VNY Airfield Improvement Program. In the past 10 years, RS&H has completed more than 1,495 major airfield engineering projects at airports across the U.S. Moreover, RS&H has completed more than 75 tasks for LAWA, including work at VNY. RS&H is highly experienced in completing all scope items outlined for this assignment.

Key Personnel

The RS&H Team Key Personnel are very experienced in airfield design, motivated to achieve excellent results, and are highly qualified professionals. Our Project Manager, Byron Chavez, PE, is local to Los Angeles, is a licensed California Professional Engineer, and has proven experience as a project manager at highly utilized airports undertaking a variety of airfield design projects.



Byron Chavez,
Project Manager

Byron will be the consistent, primary point of contact with

LAWA and will oversee management of the contract. RS&H proposes Byron as Project Manager due to his extensive aviation-specific design, construction, and project management experience on complex airfield projects at LAWA.



Joe Jackson,
Project Principal

As Project Principal for this assignment, Joe will continue a

role he has successfully performed for many LAWA design services assignments. He will work with LAWA to formulate work scope, appropriately staff assignments, and assure LAWA satisfaction with all RS&H projects.

Team Structure

The firms on the RS&H Team and most staff proposed have worked together extensively on LAWA and other client projects. Each firm brings an area of expertise and specialization that allow us to provide highly professional services in an efficient manner. RS&H as the prime firm will coordinate the team and provide airfield design services from its Los Angeles office. Diaz Consultants, Inc. will provide geotechnical and pavement design services and is a local DBE firm. Lean Technology Corporation will provide airfield electrical design services and is a local small business firm. M Lee Corporation will provide cost estimating and is a California DBE firm. VCA Engineers, Inc. will provide grading and drainage design and is a local DBE firm. Wagner Engineering and Survey, Inc. will provide survey services and is a local DBE firm. Our high-performing team for LAWA is composed of individuals with specialized expertise at airports and complementary skills. Together they will achieve success for LAWA's projects at VNY.

Understanding of Project Scope

The VNY Airfield Improvement Program will construct taxiway shoulders and reconstruct and/or rehabilitate sections of the asphalt concrete pavement for six connector and three high-speed exit taxiways. Anticipated improvements associated with this work and/or future slurry seals includes taxiway edge lights, signs and pavement markings. VNY is one of the busiest general aviation airports in the world with a variety of tenants conducting businesses that are important to Los Angeles. The project(s) will require a high level of coordination with tenants, stakeholders, FAA, local agencies, and others to assure minimum adverse impact to operations at VNY. RS&H has worked extensively with LAWA and overcome similar challenges at LAX as well as highly utilized airports throughout the US. Based on this experience, we have developed an optimum approach to providing professional engineering design services for airfields that will give LAWA highly effective results at VNY.

Inclusivity

RS&H pledges to achieve LAWA's DBE goal of 15% for the VNY Airport Improvement Program working carefully with our four DBE firm teammates. We have a long-standing relationship with each firm and have worked to expand their capabilities and expertise in our previous projects together. We do this by including the teammates in client, stakeholder, and project meetings, assisting with administration items such as LAWA's invoicing process, and expanding their roles progressively on projects as their capabilities mature.



**Phillip Leung,
Design Manager**
Phil will manage the design of all the projects and ensure

that LAWA's and VNY's current design practices are included in the construction documents and project deliverables.



**Joel Ericson,
Quality Control**
Joel will ensure that the iterative operational process

of refining the quality of the projects during creation, production, and review of the deliverables is adhered to prior to any deliverable to LAWA.



**Evan Pfahler,
Tenant and
Stakeholder
Coordination**
Evan has more

than 22 years of airport planning experience. He has contributed to and led airport planning projects at US airports of all sizes. RS&H proposes Evan for tenant and stakeholder coordination due to his past experience working with LAWA preparing analysis to support design and construction projects at VNY.

RS&H pledges to meet LAWA's DBE goal of 15% in meaningful ways based on the strengths and capabilities of our DBE teammates:

1. Diaz Consultants, Inc.
2. M Lee Corporation
3. VCA Engineers, Inc.
4. Wagner Engineering and Survey, Inc.



PART B – TECHNICAL PROPOSAL:
8.3.4. Section 2: Table of Contents

8.3.4. TABLE OF CONTENTS

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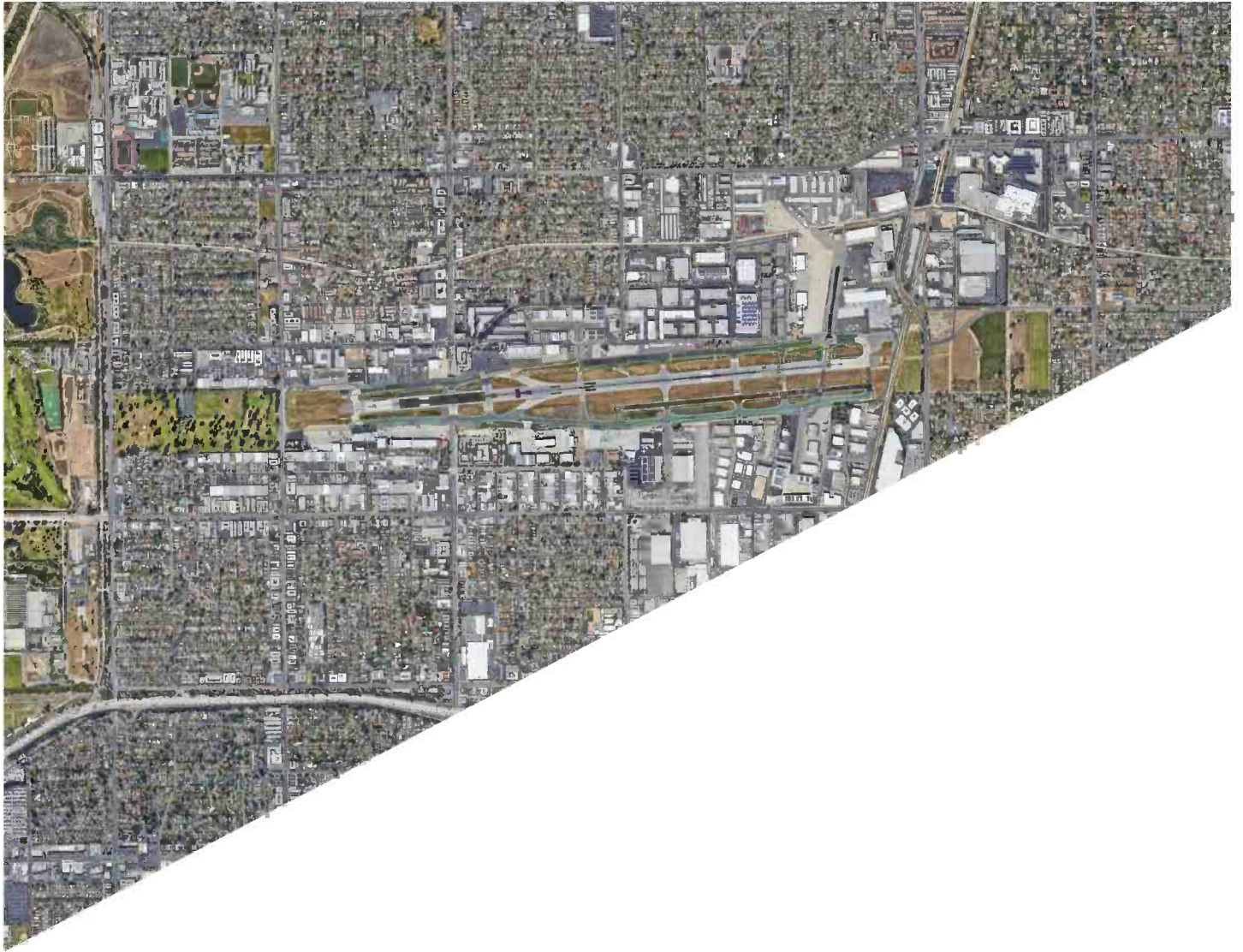
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PART B – TECHNICAL PROPOSAL:
8.3.5. Section 2: Firm's Experience

8.3.5. FIRM'S EXPERIENCE

RS&H has extensive airport engineering experience, as shown in the representative selection of projects included in this section. Each of these projects/on-call contracts involved rehabilitation and/or reconstruction of runway, taxiway, apron, and taxilane pavements, coordination with the FAA and stakeholders at the airport. We are proud of maintaining long-standing client relationships stemming from our commitment to provide quality work on every project and our ability to fulfill all the facility development needs of an airport efficiently and in a coordinated manner.

RS&H is the industry-leading aviation consulting firm with vast airport project experience with more than 250 airport clients, an important testament to our capabilities, reputation, and experience.



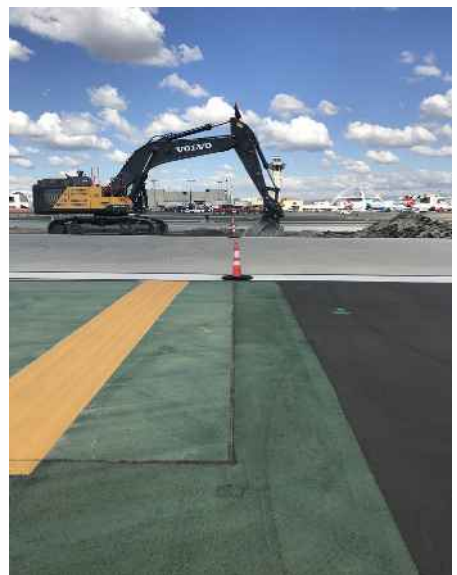
#1 Los Angeles International Airport | Los Angeles, CA Taxiway P, D Extension, Enabling, and Other Airfield Projects (DA-5173):

LAWA selected RS&H under a five-year contract to undertake design and construction phase services for Taxiway P, Taxiway D Extension, necessary enabling, and other projects at LAX. Below are some of the projects that have been performed under that contract.

Applicability to VNY Project Scope: All projects listed are similar in scope to anticipated airfield projects at VNY, including pavement construction and reconstruction on and around critical pavements at LAX. Constraints to runway and taxiway closures necessitated nighttime and accelerated construction, extensive tenant and stakeholder coordination and very detailed construction safety and phasing plans which will be required for the upcoming airfield improvement projects at VNY.

Runway 25R Reconstruction:

RS&H completed the design and construction administration for the re-packaging and re-phasing of Runway 7L-25R Reconstruction and Taxiway B-17 Construction. The Runway 7L-25R Reconstruction included approximately 6,000 feet of concrete keel section reconstruction, including the full approach slabs and pavement deck over the Sepulveda Bridge Tunnel. Taxiway B-17 construction included concrete construction of the north side of the connector taxiway and included a new pavement section, drainage, lighting, and extensive phasing.



When runway construction is necessary at LAX, it must be completed from January through May. To meet this schedule, RS&H repackaged and rephased the project within three months so the project could be bid and awarded in time for the contractor to mobilize and complete the work within the allowable window. The project required extensive coordination with LAWA and stakeholders and included complex safety and phasing plans. Coordination with the airlines was required to construct a temporary taxiway to allow access to a United Airlines facility and to reduce overall construction durations on a greatly congested intersection. Phasing, materials quality and placement, and overall construction schedule were the prime considerations during design to ensure quality construction during a very brief closure phase to avoid extended impact to airport operations.

Owner and Owner's Representative:

City of Los Angeles – Los Angeles World Airports (LAWA)
Sean Flynn (Airport Engineer II) | (424) 646-5867 | SFlynn@lawa.org
1 World Way West, Los Angeles, CA 90045

RS&H Role | % Responsibility: Prime, Airfield Engineering | 67% / Subs 33%

Total Dollar Amount of Project: Design/CA \$1.18M | Construction \$39.1M

Scheduling/Cost Overruns: The project was completed on schedule and within budget.

SBE/DBE: Actual 19.7% DBE (overall contract to date) | Goal 16%

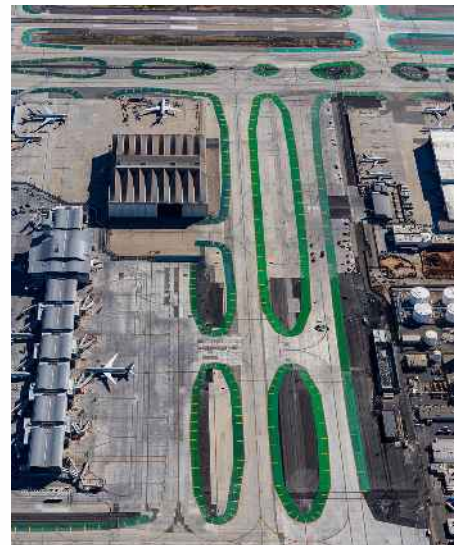
Team Members Involved: J. Jackson, B. Chavez, P. Leung, P. Barragan, Lean Engineering

#1 Los Angeles International Airport | Los Angeles, CA (*continued*)

New Crossfield Taxiway P Construction:

To support the West Bradley Gates, RS&H completed the planning, design, and construction administration of the new Crossfield Taxiway P, airside vehicle service road, and associated enabling projects that provide unimpeded taxiway flow between the north and south airfields to accommodate Airplane Design Group VI aircraft. The new Crossfield Taxiway P centerline is located 324 feet parallel and west of the Taxiway N centerline, is approximately 3,700 feet long, 82 feet wide with 40-foot-wide shoulders. Included is one connector taxiway between Taxiway N and Taxiway P, Taxiway N2. The taxiways are fully lit with taxiway edge and centerline lights.

The project included demolition and/or relocation of existing facilities such as Remain Over Night (RON) parking, water deluge tank and pump house building hangar facilities, and other infrastructures as enabling projects to facilitate the construction of Taxiway P. Numerous tenants and airline operators were impacted as part of the project. Most tenant lease spaces were being reduced or altered, which put great strain on tenant operations. Meetings took place with each impacted stakeholder and the team listened carefully to their concerns. The team was very forthcoming about the impacts that would ultimately happen to the tenants and multiple options were presented to mitigate the impacts. Through constant communication, an explanation of the overall program, and alternative solutions to mitigate their concerns, the project successfully provided a balance between completing the project as intended and mitigating the impacts to the stakeholders.



The project was phased in more than 20 phases and sub-phases to minimize the impacts. Vehicle service roads, ARFF traffic, and tenant traffic along Coast Guard Road were maintained throughout the project duration and nighttime work was completed as necessary to minimize existing Group VI traffic impacts.

Additionally, LAWA tasked RS&H to design the keel section reconstruction of Taxiway C9 as a change order under the Taxiway P project. RS&H issued a preliminary design to the contractor one day after receiving notice from LAWA and followed up with finalized design two weeks later. The construction was completed in 23 calendar days, which was more than a week earlier than anticipated. Work took place 24 hours a day to complete the project in the shortest amount of time possible. RS&H performed the construction administration services and to not delay construction, onsite RS&H associates performed grade verifications throughout days and nights to eliminate back and forth travel from the field to the office.

Owner and Owner's Representative:

City of Los Angeles – Los Angeles World Airports (LAWA)
Goran Lazarevic (Airport Engineer II) | (424) 646-5870 | GLazarevic@lawa.org
1 World Way West, Los Angeles, CA 90045

RS&H Role | % Responsibility: Prime, Airfield Engineering | 51% / Subs 49%

Total Dollar Amount of Project: Design/CA \$6.45M | Construction \$76.5M

Scheduling/Cost Overruns: The project was completed on schedule and within budget.

SBE/DBE: Actual 19.7% DBE (overall contract to date) | Goal 16%

Team Members Involved: J. Jackson, B. Chavez, P. Leung, P. Barragan, F. Cifuentes, M. Timmerman, J. Warner, S. Naismith, A. Williams, Lean, Diaz-Yourman, VCA, Wagner

#1 Los Angeles International Airport | Los Angeles, CA *(continued)*

New Taxiway D Extension West (Phase 1):

As a follow-on project to the new Crossfield Taxiway P, RS&H was selected to design the new Taxiway D Extension from Taxiway P to Taxiway AA. Taxiway D extension allows for dual parallel taxiways to the north airfield which will mitigate Airplane Design Group VI traffic during peak times of aircraft activity.

The new section of the Taxiway D centerline is located 298 feet parallel and south of the Taxiway E centerline, is approximately 2,300 feet long, 75 feet wide with 30 feet wide shoulders. Included are two connector taxiways between Taxiway D and Taxiway E, Taxiway V and Taxiway W, and one connector taxiway between Taxiway D and the FedEx apron, Taxiway D14. The taxiways/taxilanes is fully lit with taxiway edge and centerline lights. Taxiway W and Taxiway V are aligned with the future north airfield exit taxiways in between Runway 6R-24L and Taxiway E as approved by the FAA as part of the North Airfield Exit Taxiways Project Definition Booklet (PDB).

By keeping up to date on the latest trends and information from the FAA, RS&H identified several facilities that will not have to be impacted based on upcoming design changes to FAA standards. During initial design it was anticipated that a new paint and sand facility that had been recently constructed by FedEx and an existing blast fence would be impacted by the construction of Taxiway D and its associated service road. Based on the anticipated changes, revised layouts were provided showing that this facility and structure would no longer need to be impacted and vital real estate could be saved to relocate other facilities that were being impacted by the new taxiway. Additionally, as soon as RS&H found that these changes were upcoming, the Taxiway P and Taxiway D intersection was revised during construction of Taxiway P to align the Taxiway D stub out to the upcoming changes in preparation to eliminate the impacts to stakeholders.



Owner and Owner's Representative:

City of Los Angeles – Los Angeles World Airports (LAWA)

Goran Lazarevic (Airport Engineer II) | (424) 646-5870 | GLazarevic@lawa.org

1 World Way West, Los Angeles, CA 90045

RS&H Role | % Responsibility: Prime, Airfield Engineering | 50% / Subs 50%

Total Dollar Amount of Project: Design \$3M | Construction \$80M (estimated)

Scheduling/Cost Overruns: Final design of this project is scheduled for completion February 2022.

SBE/DBE: Actual 19.7% DBE (overall contract to date) | Goal 16%

Team Members Involved: J. Jackson, B. Chavez, P. Leung, J. Ericson, P. Barragan, F. Cifuentes, M. Timmerman, J. Warner, S. Naismith, A. Williams, M. Yeh, B. Suleiman, Lean, Diaz-Yourman, VCA, Wagner

Runway 8-26 and 15-33 Rehabilitation:

Hollywood Burbank Airport (BUR)'s Runways 8-26 and 15-33 project was a multi-layer rehabilitation requiring the removal and replacement of asphalt pavement and aggregate base course of the two runways. The work was designed to be constructed only during nighttime operations, so that the airport could be open each day. A detailed phasing plan was developed based on FAA Advisory Circular 150/5380-9, which defines the standard for temporary transitions during construction. The resulting design provided a suitable pavement section with limited pavement cold joints, while providing almost no impacts to airport operations. The RS&H design and schedule coordinated with Airport Operations allowed the runways to open daily in response to stakeholder needs.

Prior to beginning construction, an extensive preconstruction meeting was held with the owner and contractor to discuss construction issues and the operational requirements of the airport. Contractor debriefs were held at the end of each workday to discuss progress and any issues that may affect daily opening of the runways, project schedule, or budget.

The project was completed ahead of schedule without impact to airline and tenant operations by having the runways open daily to accommodate the business of the airport. Critical to the success of this project was documented contractor debriefs at the end of each work-shift to discuss progress against the overall project schedule and any issues that may affect daily opening of the runways.

Applicability to VNY Project Scope: Scope of work very similar to anticipated airfield projects at VNY, including asphalt pavement repairs on critical pavements at the Airport. Constraints to runway closures limited construction to nighttime operations, much like VNY encounters when construction occurs on or near Runway 16R/34L. This required extensive coordination and a very detailed construction safety and phasing plan, and this will be required for the upcoming airfield improvement projects at VNY.

Owner and Owner's Representative:

Burbank-Glendale-Pasadena Airport Authority

Karen Sepulveda | 818-729-3508 | ksepulveda@bur.org

2627 North Hollywood Way, Burbank, CA 91505

RS&H Role | % Responsibility: Prime, Airfield Engineering | 40% / Subs 60%

Total Dollar Amount of Project: Design/CA \$2.95M | \$17.9M

Scheduling/Cost Overruns: This project was completed on schedule and within budget.

SBE/DBE: Actual 24% DBE | Goal N/A

Team Members Involved: J. Jackson, B. Chavez, P. Leung, P. Barragan, M. Timmerman, Wagner

#3 Stockton Metropolitan Airport | Stockton, CA

On-Call Consulting Services:

The County of San Joaquin reselected RS&H in 2020 as its on-call full-service airport consultant for a second five-year term. RS&H has worked alongside County staff to complete 41 architectural, engineering design, construction, planning, and environmental projects with professional fees exceeding \$7M. Select projects are summarized in the following section.

Taxiway B Extension to Runway 29R and Special Approach Category II Upgrade – In 2001, Runway 11L-29R was extended by 1,000 feet to provide additional take-off length. Because the design did not include a corresponding taxiway extension, more demanding aircraft would back-taxi on the extension. The FAA determined this practice to be unacceptable as activity increased and greater numbers of large aircraft were back-taxiing on the active runway. RS&H worked with the FAA and Airport staff to develop the Taxiway B Extension project from the early planning stages to funding, environmental, engineering, bidding, construction management, and through to construction completion in 2019. The taxiway project gives aircraft direct access the runway end, eliminating the need for time-consuming and potentially hazardous back-taxi operations.



This project also included an upgrade of the Runway 29R Instrument Landing System (ILS) to Special Approach Category II, Precision Approach Path Indicator (PAPI) relocation and Runway Distance Remaining (RDR) sign replacement. In response to a tenant's acute need to achieve the upgrade in an expedited manner, RS&H guided the airport through the challenging FAA coordination effort, assisted with design of select components, and coordinated closely with FAA led projects to replace the Runway 29R Medium Intensity Approach Light System and to replace the ILS glide slope equipment.

Taxiway D Rehabilitation – In 2020, RS&H assisted the airport in an accelerated project to rehabilitate Taxiway D which serves the Airport's air cargo ramp. In order to rehabilitate the 2,500 feet long taxiway without impacting air cargo operations, innovative phasing and multiple asphalt lifts were used to allow off-hours construction. The project was completed without impacts to air cargo operations.

Applicability to VNY Project Scope: The Taxiway B and Taxiway D projects both included off-peak work within the RSA of SCK's main runway with daily re-openings of the runway. Taxiway B included the removal, replacement, and new construction of full-strength taxiway pavement that connected directly to the runway. Taxiway D included a mill & overlay rehabilitation to the edge of the runway, including daily openings of the mill & overlay area to aircraft traffic. These projects are very similar to the connector taxiway rehabilitation/reconstruction and new shoulder construction projects that are anticipated at VNY.

A representative sampling from RS&H's 41 completed projects at SCK illustrates our airport engineering capabilities:

- | | |
|---|--|
| » Runways 11R-29L and 11L-29R Rehabilitation | » Air Cargo Apron Expansion |
| » Taxiways B and Cargo Apron Rehabilitation | » Runway 29R PAPI Relocation |
| » Itinerant GA Apron Rehabilitation | » Runway 11L-29R Runway Distance Remaining Signs |
| » GA Hangar Apron and Taxilane Rehabilitation | » Airport Security Upgrades |
| » Terminal Apron Extension | » Perimeter Fence Replacement |
| » New Air Cargo North Pad | » Pavement Management Program (PMMP) |

Owner and Owner's Representative:

San Joaquin County
Russell Stark | 209-468-4409 | rstark@sigov.org
5000 S. Airport Way, Suite 202, Stockton, CA 95206

RS&H Role | % Responsibility: Prime, Airfield Engineering | 86% / Subs 14%

Total Dollar Amount of Project: Design/Planning/Environmental \$7.9M | Construction \$30M

Scheduling/Cost Overruns: All projects were completed on schedule and within budget.

SBE/DBE: Not Applicable

Team Members Involved: J. Jackson, B. Chavez, P. Leung, P. Barragan, F. Cifuentes, M. Timmerman, J. Warner, S. Naismith, A. Williams, M. Yeh, B. Suleiman



PART B – TECHNICAL PROPOSAL:



8.3.6. Section 2: D. Key Personnel


8.3.6. KEY PERSONNEL

The following table summarizes the roles, experience, and disciplines of our key personnel for this Program. All have worked together on previous similar projects, have appropriate experience to undertake the work, and have the capability to perform the volume and quality of work needed by LAWA. All are experienced with FAA and local jurisdictions and their decision-making process. Detailed resumes and staff credentials for key personnel are provided in the Appendix.

Key Personnel - Responsibility Matrix

TEAM MEMBER NAME/ ROLE	YEARS OF EXPERIENCE	LOCAL TO LOS ANGELES	PREVIOUSLY WORKED TOGETHER	LAWA EXPERIENCE	FAA ADVISORY CIRCULARS	AIRFIELD ENGINEERING	PAVEMENT EVALUATION AND DESIGN	DRAINAGE EVALUATION AND DESIGN	MARKING AND SIGNAGE	STAKEHOLDER COORDINATION	REGULATORY AGENCY COMPLIANCE
Joe Jackson Project Principal	37	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	As Project Principal for this assignment, Joe will continue a role he has successfully performed for many design services assignments. He will work with LAWA to formulate work scope, appropriately staff assignments, and assure LAWA satisfaction with all RS&H projects. Joe will monitor RS&H's work, ensure that the appropriate resources are allocated to the assignments, attend critical milestone meetings, monitor client satisfaction and in general, ensure that the quality of the product and services provided by the RS&H Team meets the needs and expectations of LAWA. Joe, Byron, and Phillip have been working together on aviation projects in California for the last 4.5 years bringing the best valued team for LAWA and VNY.										
Byron Chavez, PE Project Manager	14	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Byron will be the consistent, primary point of contact with LAWA and will oversee management of the contract. RS&H proposes Byron as Project Manager due to his extensive aviation-specific design, construction, and project management experience on complex airfield projects. Byron has served as Contract Manager for the Long Beach Airport and Project Manager for Los Angeles International Airport and Austin-Bergstrom International Airport, successfully working with airport staff to deliver a wide variety of projects. Byron is a prototypical engineer that seeks out challenging assignments and diverse opportunities. He is responsive and available to his clients. His candor regarding the design direction builds trust while setting realistic and attainable expectations. Byron exercises extreme discipline to deliver a consistent and quality product. He fosters collaborative practices to enable teams across multiple offices to work cohesively. He has recently led large and complex programs as the Project Design Manager and Project Manager at LAX and is extremely familiar with FAA and LAWA standards, policy, and procedures.										

TEAM MEMBER NAME/ ROLE	YEARS OF EXPERIENCE	LOCAL TO LOS ANGELES	PREVIOUSLY WORKED TOGETHER	LAWA EXPERIENCE	FAA ADVISORY CIRCULARS	AIRFIELD ENGINEERING	PAVEMENT EVALUATION AND DESIGN	DRAINAGE EVALUATION AND DESIGN	MARKING AND SIGNAGE	STAKEHOLDER COORDINATION	REGULATORY AGENCY COMPLIANCE
Phillip Leung, PE Design Manager	15	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	<p>Phil will manage all design decisions and ensure that LAWA's and VNY's current design practices are included in the construction documents and project deliverables. He will interface with LAWA and ensure the design is responsive to requested changes, is coordinated, and complies with applicable codes and standards, quality checks, etc. RS&H proposes Phil as the Design Manager due to his extensive experience working on complex airfield assignments across the country and internationally as Lead Project Civil Engineer and Project Manager. He has more than 15 years of experience working exclusively on aviation engineering projects. His duties encompass all aspects of engineering design and construction administration. His project responsibilities have included design plan and specification development and construction administration for projects involving drainage, grading, airfield geometry, airfield lighting and marking, airfield pavement inspection, cost estimation, and utilities installation. Byron and Phillip have been working together on aviation projects in California for the last 4.5 years and have great synergy and respect for one another in their design and management styles.</p>										
Joel Ericson, PE Quality Control Manager	19		✓	✓	✓	✓	✓	✓	✓	✓	✓
	<p>Joel will ensure that the iterative operational process of refining the quality of the projects during creation, production, and review of the deliverables is adhered to prior to any deliverable to LAWA. He will ensure that the quality control aligns with LAWA specific protocols and that all deliverables meet or exceed LAWA's expectations through RS&H's Quality Control Standards. RS&H proposes Joel due to his 19 years of experience in civil engineering, program management, and construction management on a wide variety of airport projects. Joel leads the design and construction administration of various aviation projects in Arizona and California. He has led multinational teams in the delivery of all stages of the project lifecycle, including planning, project scoping, design, construction, and handover to owners/operators. He is a proven leader committed to fostering a strong teamwork ethic in his projects and has experience coordinating multiple consultants, subject-matter-experts, contractors, and operational stakeholders to meet project quality, schedule, and budget targets.</p>										

TEAM MEMBER NAME/ ROLE	YEARS OF EXPERIENCE	LOCAL TO LOS ANGELES	PREVIOUSLY WORKED TOGETHER	LAWA EXPERIENCE	FAA ADVISORY CIRCULARS	AIRFIELD ENGINEERING	PAVEMENT EVALUATION AND DESIGN	DRAINAGE EVALUATION AND DESIGN	MARKING AND SIGNAGE	STAKEHOLDER COORDINATION	REGULATORY AGENCY COMPLIANCE
Evan Pfahler Tenant and Stakeholder Coordination	22	✓	✓	✓	✓	✓			✓	✓	✓
	<p>Evan has more than 22 years of airport planning experience. He has contributed to and led airport planning projects at US airports of all sizes. Evan's airport planning expertise includes planning project management, facilities planning, stakeholder engagement, capital planning, and project implementation strategy. Evan has led assessments of airfield capacity and geometry, passenger terminals, cargo facilities, and ancillary facilities. Evan approaches airport planning with a mission centered on solutions that meet stakeholder objectives, affordability, and operational efficiency. Evan's recent projects include resolution of non-standard runway and taxiway safety and object free areas and working through alternatives with FAA as a stakeholder, completing a major airport master plan that included siting a new runway to meet future demand, and evaluation of a planned rental car facility to identify alternative sites that meet projected demand.</p>										



PART B – TECHNICAL PROPOSAL:
8.3.7. Section 2: E. Team Structure

8.3.7. TEAM STRUCTURE

The successful execution of the Airfield Improvement Program at VNY is dependent upon the efforts of a dedicated team of professionals working together effectively with LAWA Staff. RS&H has assembled a highly qualified, experienced team available to start work immediately. Team members were carefully selected to take advantage of the special qualifications and experience of each person to exceed LAWA's expectation in the delivery of design and management of this important assignment. The RS&H Team offers not only specialized and current LAWA experience, but national experience in large and complex airside programs. The Team excels in multi-year programs and understands how to fit construction into the overall operational plan of an airport.

The RS&H Team

The RS&H Team offers a superb blend of small business and DBE firms, bringing LAWA the dual benefits of access to RS&H's national top experts and the focused capabilities of select DBE firms. The RS&H Team is specialized in airside engineering and includes firms that can perform any specialized tasks that may arise.



RS&H | PRIME FIRM

Engineering, Planning, Team Management, and Support Services

With a tradition that spans more than 80 years, RS&H has built a reputation as a client centered facilities and infrastructure consulting firm whose practice structure offers value-added solutions to clients around the world.

To maximize its capabilities, RS&H is organized into six client-focused practices, each with its own multidisciplinary staff of practice specific architects, engineers, planners, environmental scientists, and technical support personnel. In addition to its leading Aviation practice, RS&H also maintains practices in Aerospace, Defense, Health & Science, Corporate, and Transportation. All specialists are individually selected for the experience and expertise they provide in specific areas, creating a rounded team well-versed in the nuances of that practice. Each team member is further supported by RS&H's total spectrum of capabilities, encompassing more than 1,430 associates at 73 locations.

RS&H provides services to airports throughout the world. Its local office in Los Angeles has been open for 11 years. In addition, RS&H has offices across the U.S., and with more than 250 fulltime associates, the Aviation Program enjoys its own industry-leading, multidisciplinary staff of planners, environmental scientists, engineers, architects, and technical support personnel.

RS&H is a leader in the aviation industry, having participated in the preparation of countless industry leading documents and guidelines. RS&H associates help lead the industry in numerous important roles, including board and senior level positions at both the national and chapter levels for the American Association of Airport Executives, past chair of Airport Consultants Council, and Associates Board member with the Airports Council International-North America.

RS&H Associates participated on a Task Force to review and provide comments on the Draft FAA Advisory Circular 150/5300-13A and -13B Airport Design.

The RS&H Team has extensive expertise working with LAWA at LAX -- both individually and corporately. In addition, the Aviation Program staff has experience that encompasses the full spectrum of airport clients, ranging from the world's busiest airports to small general aviation airports and private facilities. As a full-service planning, architectural, engineering, and environmental services firm, RS&H can assist aviation clients regardless of the size, location, or nature of the project. RS&H knows the business of aviation, which benefits clients from planning to design to construction and operation.



At-A-Glance Information

Firm Name:

RS&H California, Inc. (RS&H)

Primary Contact Information:

Joe Jackson

5901 W. Century Boulevard
Suite 1030

Los Angeles, CA 90045

P: 310-692-2040

C: 630-300-8511

joe.jackson@rsandh.com

Location of Headquarters:

Jacksonville, Florida

Location of Local Offices:

Los Angeles, California

Firm Type: Corporation**Certifications:****Benefits:**

- ✓ LAWA Experience
- ✓ Extensive Airfield Design Experience
- ✓ FAA Compliant Design and Construction
- ✓ Complex Phasing and Tenant Coordination Expertise
- ✓ Team Leadership are the top in their field

DIAZ • YOURMAN & ASSOCIATES

Geotechnical



Diaz Consultants, Inc. (DYA) is a privately held California corporation, founded in December 1992. DYA specializes in providing expert geotechnical design, environmental, construction, and forensic services to public agencies, owners, and the U.S. Government for a wide array of project types, including transportation and water infrastructure; commercial and industrial buildings; and schools, hospitals, and essential services facilities. DYA has been providing geotechnical engineering services for the design and construction of airports in Southern California since their inception. They have completed both airside and landside projects for Los Angeles World Airports (LAX and VNY), John Wayne Airport, Long Beach Airport, San Bernardino International Airport Authority, and many regional and local airports. DYA has supported six on-call contracts at Los Angeles International Airport (LAX); and has provided geotechnical engineering services for more than 75 projects at LAX under the current expansion program, nearly half of which have been for airfield projects. They have completed three previous projects at Van Nuys, including pavement corings at 42 locations, primarily on existing runways and aprons; an airport hangar complex; and the Flyaway Bus Terminal.

Pavement evaluation and design are integral parts of geotechnical engineering. They are experienced in all phases of pavement engineering, including pre-design investigations, pavement structural design, overlay design, material selection, subgrade stabilization, construction, and pavement condition studies. DYA has completed more than 150 pavement projects, which have included runways and taxiways at airports, parking lots, alleys, arterials, and freeways.

DYA is a certified MBE/DBE under the California Unified Certification Program (CUCP) and a certified SBE through Metro.

LAWA Experience

- ✓ Runway 25L Interim Repairs (sub to RS&H)
- ✓ Taxiway C-14 and Enabling Projects (sub to RS&H)
- ✓ Midfield Satellite Concourse, West Apron, Taxiways, and Tunnels
- ✓ East Apron and Tunnels
- ✓ Central Utility Plant
- ✓ Tom Bradley International Terminal Expansion
- ✓ Hanger Complex, Flyaway Bus Terminal, and Parking Structure at VNY
- ✓ Ground Transportation Buildings
- ✓ Airside Alternative
- ✓ Miscellaneous Taxiway and Pavement Projects

At-A-Glance Information

Firm Name:

Diaz•Yourman & Associates

Primary Contact Information:

Allen M. Yourman, Jr., PE, GE
Principal

1616 East 17th Street

Santa Ana, CA 92705

P: 714-245-2920

allen@diazyourman.com

Location of Headquarters:

Santa Ana, California

Location of Local Offices:

Santa Ana, California

Firm Type: Corporation

Certifications: SBE, MBE,
and DBE

Benefits:

- ✓ LAWA Experience
- ✓ Frequent Team Member
- ✓ DBE
- ✓ VNY Experience

LEAN ENGINEERING

Airfield Electrical and Signage



Lean Technology Corporation (LEAN) is a small, local company that is an industry-recognized nationwide leader in airfield lighting, airfield electrical, Navigational Aids (NAVAIDs), and airspace engineering services. LEAN routinely works with the FAA and FAA Technical Center to develop new standards, advisory circulars, and FAA orders. They will bring nationwide experience and local expertise to each project for LAWA and VNY. LEAN will provide electrical engineering services for this contract, and we bring multiple benefits to the team, including:

- ✓ Nationwide experience with 250 projects at over 100 airports, including several large CAT X airports (i.e., LAX, SLC, SFO, OAK, DEN).
- ✓ Successful proven track record working on LAWA projects over the past ten years.
- ✓ Certified small business (SBE/WBE/MBE) locally headquartered in the LA area.
- ✓ A unique understanding of local Los Angeles Department of Water and Power (LADWP), Los Angeles Department of Building and Safety (LADBS), LAWA stakeholders, and various regional FAA lines of business.

LAWA Experience

LEAN will leverage this unique experience and expertise to ensure successful project completion. Unique Qualification:

- ✓ LEAN has over ten years of significant LAWA experience. They are familiar with the airport stakeholders, and the FAA's various local lines of business such as FAA Tech Ops, Engineering Services, OSG, Flight Procedure, Flight Standard, Radar Systems Group (AWOS and LLWAS), and associated FAA Systems.
- ✓ LEAN has worked on numerous LAWA projects, including LAX Runway 6R-24L Safety Area Upgrades, LAX Taxiway P Project, LAX Runway 25L Rehabilitation, LAX Runway 6L-24R Safety Area Upgrades, LAX Runway 25R Pavement Reconstruction, and LAX Runway 7L-25R Safety Area Upgrades.
- ✓ LEAN will bring multiple benefits to the team, including: (a) knowledge of LAWA stakeholders, (b) experience on local runways and taxiways, and (d) in-depth knowledge of the airport electrical system and the complicated phasing required to maintain airport operations while constructing an accurate, robust, and maintainable operating system.
- ✓ Principal Engineer, Doron Lean, P.E., brings over 25 years of experience in research and development, electrical engineering design, and flight operations to the team. He has applied his expertise to diverse projects, such as LAX's Runway Safety Area program.

At-A-Glance Information

Firm Name: Lean Engineering

Primary Contact Information:

Doron Lean, President
17752 Mitchell N, Suite C
Irvine, CA 92614
P: 949-502-8687
dlean@leancorp.com

Location of Headquarters:

Irvine, California

Location of Local Offices:

Irvine, California

Firm Type: Corporation

Certifications: SBE

Benefits:

- ✓ LAWA Experience
- ✓ Frequent Team Member
- ✓ Small Local Business
- ✓ Industry Leading Experts

M LEE CORPORATION

Cost Estimating & Scheduling

M Lee Corporation's (M Lee) services span the life of a project from planning to project close-out, including the following core areas: construction cost estimating, cost management, schedule management, value engineering, project controls, office engineering, field engineering, construction oversight and other professional construction management support and consulting services to both public and private clients. M Lee is a minority-owned small consulting firm with certifications from California Unified Certification Program CUCP (Caltrans, BART, RTCC) as a DBE, BART as an SBE, State of California DGS as a small business and SBA as a small business.

Their qualified and competent professional staff possess both construction and consulting experience and have established a proven track record for providing quality service on time and on budget. M Lee staff includes cost estimators, schedulers, project controls, office engineers, and other construction and program management support staff. The firm is led by two principals, Martin Lee and Franklin Lee.

Martin, founder, principal and chief estimator, is a professional civil engineer (PE), chartered quantity surveyor (CQS), and certified professional estimator (CPE) by ASPE with 30 years of practical experience in construction cost management and consulting services in the San Francisco Bay Area. Prior to establishing M Lee Corporation, Martin gained extensive experience working with a renowned general contractor/construction management firm and an international cost consulting firm.

Franklin, project manager/senior cost estimator and principal, is a professional civil engineer (PE), LEED accredited professional and certified estimating professional (CEP) by AACEI. Franklin Lee holds a B.S. in Civil and Environmental Engineering from University of California, Berkeley and a M.S. in Construction Engineering and Management from Stanford University. Prior to joining M Lee Corporation, he worked for a nationally renowned general contractor/construction management firm.

LAWA Experience

M Lee has extensive airport experience, including services and projects such as: ADP, master planning, design phase estimates, change orders, etc.

M Lee Corporation

At-A-Glance Information

Firm Name: M Lee Corporation

Primary Contact Information:

Franklin Lee, Principal
601 Montgomery Street
San Francisco, CA 94111
P: 415-693-0236
flee@mleecorp.com

Location of Headquarters:
San Francisco, California

Location of Local Offices:
San Francisco, California

Firm Type: Corporation

Certifications: MBE and SBE

Benefits:

- ✓ Frequent Team Partner-DBE
- ✓ Stable firm with 29-year history

VCA ENGINEERS, INC.

Civil and Structural Engineering, Permitting

VCA Engineers, Inc. (VCA) an S-Corporation, that is a client-focused and service-oriented civil/structural engineering firm located in the City of Alhambra and Irvine, California. VCA engages in a wide variety of engineering designs and services involving private and public land development, facility engineering, transportation engineering, and topographical engineering. VCA has been an active contributor and participant in the aviation industry since its establishment in 2003. They have been providing engineering support services to domestic and international airports including the LAWA Los Angeles International Airport (LAX) and Van Nuys Airport (VNY), Long Beach Airport (LGB), Ontario International Airport (ONT) and The Hollywood Burbank Airport (BUR). VCA has extensive knowledge of LAWA's programs and protocols, having successfully completed more than 100 projects at LAWA airports.

VCA has the engineering resources and design and construction experiences that are relevant to the criteria as set forth in this RFP. The firm has successfully prepared Civil Engineering drawings, plans, specifications, cost estimates, calculations, studies, project definition books, and reports for various projects, involving, but not limited to: runway and taxiway demolition, rehabilitation and reconstruction, roadway design, pavement markings, new and relocated utilities, grading, storm water management and drainage (LID, SUSMP and SWPPP), site sustainable design, master planning, underground utilities, topographical/ALTA surveys, hydrology and hydraulics, flexible and rigid pavements, traffic signals, street signage and striping, sanitary sewers, potable and fire water, and irrigation water.

LAWA Experience

Previous project experience with LAWA at LAX includes AOA Perimeter Fence, Central Terminal Area Security Bollard for Commercial Median Island, Guard Post Number 5, Midfield Service Road Bridge and Bradley West Crossfield, Taxiway S Enabling Demolition Work, Theme Building-Structural Seismic and Wind Retrofit, Vertical Transportation projects, and Taxiway C-14. VCA is very familiar working with LAWA staff and stakeholders. This will provide no learning curve, and ultimately save LAWA time and money.



At-A-Glance Information

Firm Name:

VCA Engineers, Inc.

Primary Contact Information:

Virgil Aoanan

1041 S. Garfield Avenue
Suite 210

Alhambra, CA 91801

P: 323-729-6098

virgil.aonian@vcaeng.com

Location of Headquarters:

Alhambra, California

Location of Local Offices:

Alhambra, California

Firm Type: Corporation**Certifications:**

DBE, SBE, and LBE

Benefits:

- ✓ LAWA Experience
- ✓ VNY Experience
- ✓ Frequent Team Partner
- ✓ DBE

WAGNER ENGINEERING AND SURVEYING, INC.

Surveying



Wagner Engineering and Survey, Inc. (WES), a WBE/DBE/SBE/CBE Los Angeles firm founded in 1990, is a dynamic corporation dedicated to providing quality survey, mapping, land planning and civil engineering services in a cost effective and ambitious manner. The firm possesses substantial surveying experience in transportation/institutional/commercial projects such as the Los Angeles World Airports, County of Los Angeles Parks and Facilities, City of Los Angeles, Metro, OCTA, Ports of Long Beach and Los Angeles, the California State University system, Caltrans, Los Angeles Unified School District and numerous Cities and Counties throughout Southern California and the entertainment studios in Los Angeles.

WES prides itself in technology advances in providing complete "Field to Office" services in the design, aerial mapping & surveying processes. WES is well known for the quality of their deliverables — detailed topographic surveys, vast swaths of aerial mapping; their GPS horizontal and vertical control survey networks exceed all accuracy standards set by the American Congress of Surveying and Mapping. The horizontal control and drawing software used for CADD production are the latest versions of AutoCAD, AutoCAD Civil 3-D, MicroStation and Inroads.

WES is certified as a SBE and LBE.

LAWA Experience

Since 1998, WES has participated in over 50 aviation contracts. WES has had 21 contracts with LAWA. They have performed survey for pavement rehabilitation, terminal construction, runway and taxiway rehabilitation and security enhancements. The WES survey team is badged through security for work on LAWA projects.

Project work at LAWA includes:

- ✓ On-Call Airside Planning
- ✓ Aircraft Parking Analysis
- ✓ Runway Pavement Evaluation Services for Runways 7R-25L
- ✓ Runway Pavement Evaluation of Runways 7L-25R
- ✓ Pavement Repair Alternatives for Runway 25L
- ✓ Professional Engineering Services for the Airfield Safety Improvements Projects (ASIP) #DS-4515
- ✓ Interim Runway Safety Improvement Program
- ✓ Southwest Airlines Terminal 1 Modernization Program
- ✓ Runway 25R and the RSA Projects Airfield Design Survey
- ✓ West Maintenance Area (WMA) Design Support Services

At-A-Glance Information

Firm Name: Wagner Engineering and Survey, Inc.

Primary Contact Information:

Stephanie Wagner
17134 Devonshire Street,
Suite 200
Northridge, CA 91325
P: 818-892-6565
stephaniew@wesinc.org

Location of Headquarters:

Northridge, California

Location of Local Offices:

Northridge, California

Firm Type: Corporation

Certifications: SBE and LBE

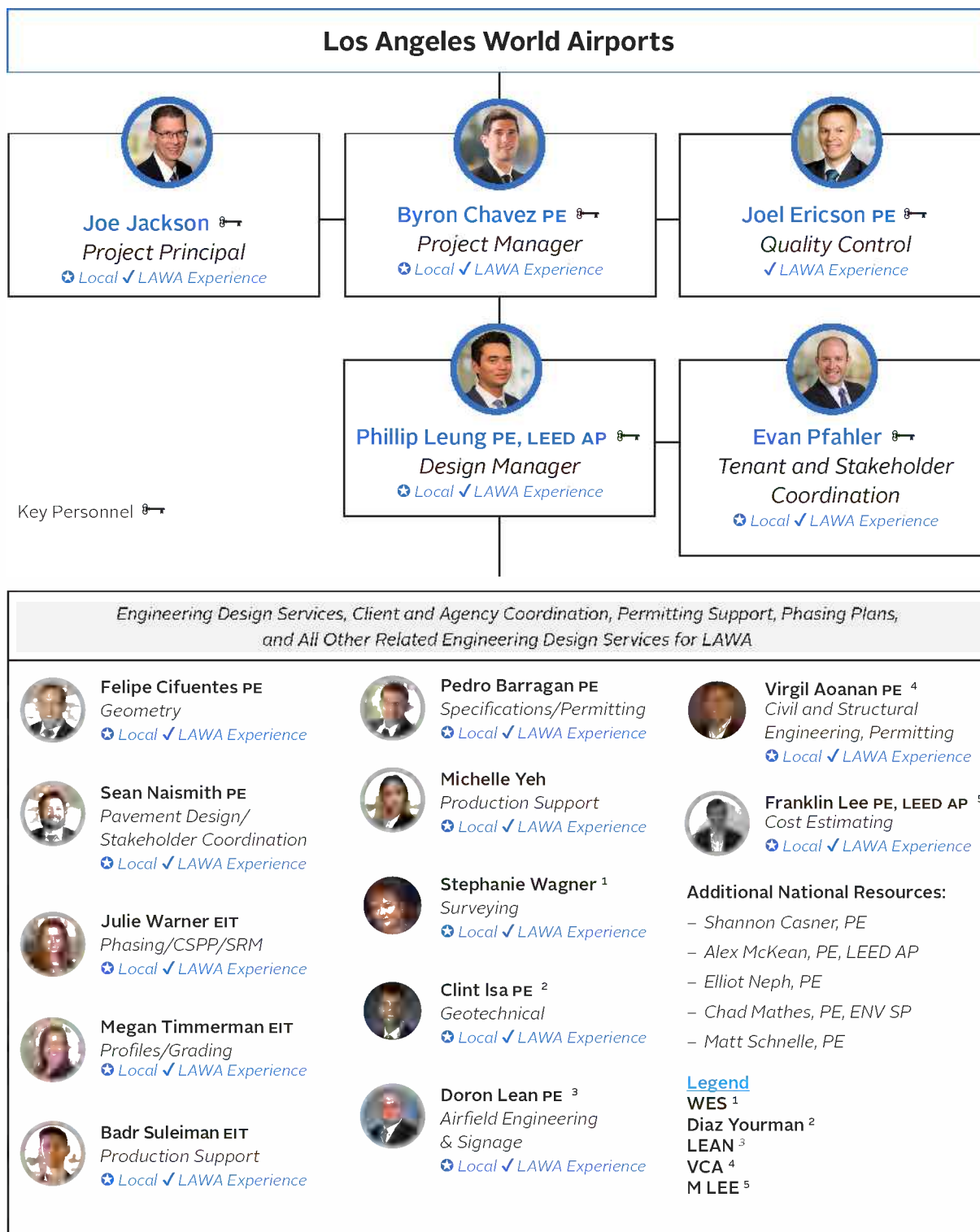
Benefits:

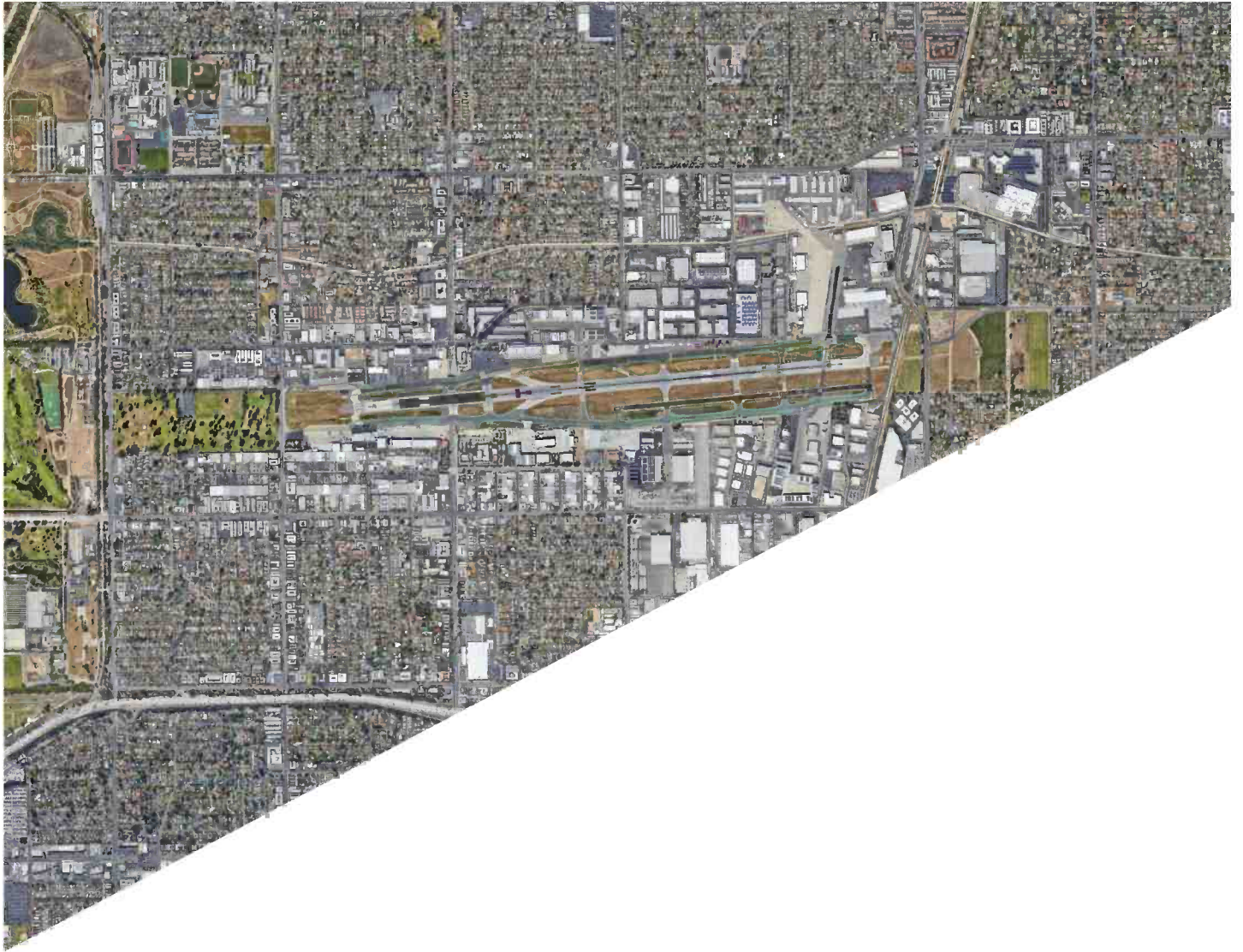
- ✓ LAWA Experience
- ✓ VNY Experience
- ✓ Frequent Team Partner
- ✓ DBE

Team Organization

RS&H has assembled a qualified and experienced team available to start work immediately. Team staff members were selected to take advantage of the special qualifications and experience of each person. A unique aspect of the RS&H Team is that key participants have completed similar assignments with complex phasing and tenant/stakeholder coordination.

RS&H staff availability exceeds the staff identified on the organizational chart below. The depth of personnel within RS&H and the core team members will ensure each project is completed on-time and within budget.





PART B – TECHNICAL PROPOSAL:

8.3.8. Section 2: Understanding of Project Scope

F. UNDERSTANDING OF PROJECT SCOPE

UNDERSTANDING OF PROJECT SCOPE

The VNY Airfield Improvement Program will reconstruct and/or rehabilitate sections of asphalt concrete pavement for six connector and three high-speed exit taxiways, including the rehabilitation, reconstruction, or new construction of taxiway shoulders; relocated, updated, or new taxiway lighting; and other associated work. The pavements have not undergone recent rehabilitation and have pavement classification ratings (PCR) of “fair”, “poor”, and “failed”. An assessment of the pavement at the beginning of the program will be very important to determine the appropriate rehabilitation/reconstruction and to understand and justify the work. The goal of this program is to bring these pavements to “excellent” condition to enhance the safety and operational management of the airfield. The project(s) are scheduled to be designed and constructed during federal fiscal years 2022 through 2026.

In general, the proposed airfield improvements will consist of the following scopes of work for Taxiways C, D, E, F, H, M, N, P, and Q.

- » Reconstruct and/or rehabilitate the full-strength asphalt pavement
- » Construct new asphalt shoulder pavement
- » Install associated pavement markings
- » Install associated relocated and/or new taxiway edge lights, signage, and other electrical work

Success of the Program

- » Compliant Design & Construction
- » Stakeholder and Tenant Coordination
- » Phasing Concurrence
- » Maintaining Schedule
- » Adapting to a Changing Environment



VNY Taxiway Reconstruction Project Components.

Additionally, potential future projects may include slurry seals of Runway 16R/34L, Runway 16L/34R, Taxiway A, and Taxiway B, rehabilitation of Taxiway A2, and emergency pavement repairs.



Future Potential Airfield Improvement Projects.

Understanding the complexities of one of the busiest general aviation airports in the world, while designing to the schedule, coordinating with stakeholders, providing a compliant design, and adapting to an ever-changing environment will be keys to the success of these projects.

DATA COLLECTION

To fully understand the condition of the pavement, extent of required work, type of rehabilitation, and optimum pavement section, preliminary investigations of the pavement will be completed to update the last reported Pavement Condition Index (PCI) for the proposed areas. The RS&H Team will validate the Airport's current data, collecting and reviewing existing PAVER data, as-built drawings, and GIS mapping and will verify the pavement branches and sections. Meetings will be held with LAWA, Airport Operations and Field Maintenance to understand specific structural concerns, FOD problem areas, and routine maintenance programs.

Meetings to coordinate the field investigations will be conducted, as pavements must be temporarily closed to air traffic during the pavement evaluation. The RS&H Team will work to minimize pavement closures to the greatest extent possible. This approach will be discussed with the VNY identified stakeholders and adjusted to meet stakeholder requirements. The upfront coordination led by the RS&H Team will alleviate pain points and expedite the data collection effort.



RS&H uses state of the art technology in the hands of pavement experts to quickly and accurately assess pavement conditions.

The PCI survey will be conducted in accordance with FAA AC 150/5380-7B, Airport Pavement Management Program (PMP) and ASTM D5340, Standard Test Method for Airport Pavement Condition Surveys.

The RS&H process utilizes GPS-enabled handheld devices (tablets) with engineers walking in a chain across the width of the pavement to capture distress data. The devices are configured to capture pavement distress types and severity, photos, and GPS coordinates. The output of this data can be uploaded for daily review. The pavement evaluation will collect 100 percent sampling of the pavement areas to produce pavement distress maps viewable in CAD, GIS, and KML (Google Earth) file formats.



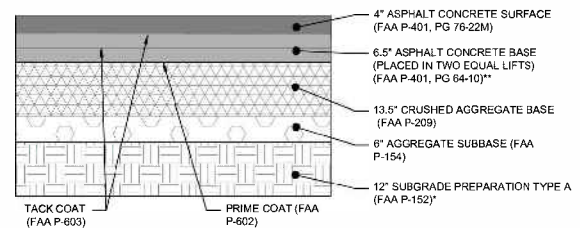
RS&H's data collection techniques allowed 100 percent sampling of the Ontario International Airport in an economical way without interruption to airport operations.

RS&H will provide a pavement inspection which will be centered around determining the highest priority and optimal pavement design that is needed to correct the problem. Geotechnical investigations will be performed in parallel with the pavement inspection to get a thorough understanding of the existing conditions so that the appropriate type of pavement rehabilitation or reconstruction can be proposed.

PAVEMENT DESIGN

Rehabilitation of pavements at VNY will vary based upon their existing condition. Some of the pavements will likely need to be completely reconstructed where base failure is present. Where base failure is not present, a rehabilitation, such as bituminous milling and re-surfacing may be implemented. Where the pavements are in much better condition, crack repair and/or a seal coat or rejuvenator may be employed.

Whether the existing base can be reused or the base/subgrade needs to be reconstructed will be determined at the beginning of the program by geotechnical investigation. The geotechnical investigations will identify the California Bearing Ratio, or CBR values, and the quality of the existing base materials, and if they're suitable for reuse, the densities to be used for design and construction. The design of the pavement will be in conformance with FAA Advisory Circular (AC) 150/5320-6G, Airport Pavement Design and Evaluation. The full-strength pavement will be designed based on the current and future type of aircraft and number of operations at the taxiway. For the shoulders, the advisory circular requires the design to be capable of structurally sustaining the most demanding of either 1) a total of 15 passes of the most demanding aircraft or 2) anticipated traffic from airport maintenance vehicles. Note that per the AC, the most demanding "aircraft" may actually be an ARFF vehicle or fuel trucks – especially for pavement areas serving smaller aircraft.

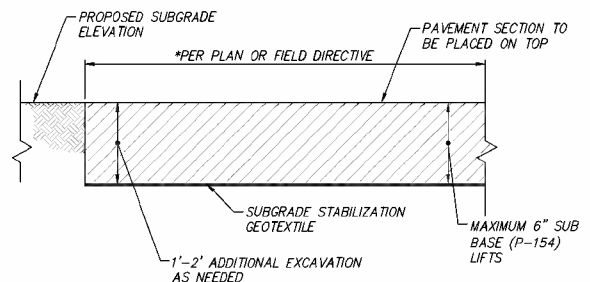


*SUBGRADE PREPARATION TYPE B, AS IDENTIFIED IN TECHNICAL SPECIFICATIONS SECTION 41-7, SHALL BE USED OVER UTILITY LINES WHERE PLANS OR CONTRACTOR POTHOLES SHOW UTILITY LINES HAVING LESS THAN 5' OF COVER FROM PROPOSED GROUND AND WHERE SHOWN ON THE PLANS. SUBGRADE PREPARATION TYPE B SHALL INCLUDE THE WIDTH OF THE UNDERLYING UTILITY LINE PLUS SIX (6) FOOT CLEAR AREA ON BOTH SIDES OF THE UTILITY LINE. CONTRACTOR SHALL POTHOLE THE LINE TO VERIFY LOCATION.

**PG 76-22M MAY BE USED IN PLACE OF PG 64-10

3 FULL STRENGTH ASPHALT CONCRETE CP903 TAXIWAY PAVEMENT SECTION SCALE:NTS

Maintaining One Asphalt Specification and Mix Design Assists with Accelerated Construction.



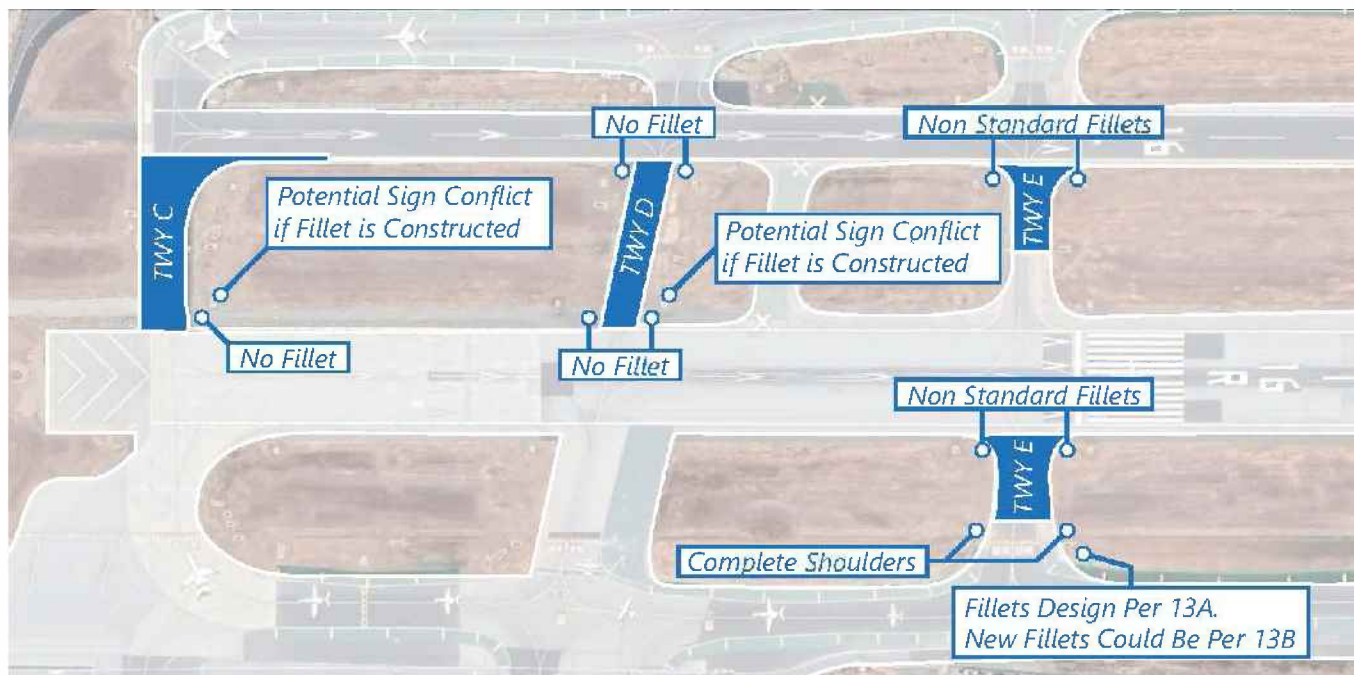
3 SUBGRADE IMPROVEMENT C151 SCALE:NTS

FAA Specification Item P-401 Asphalt Mix Pavement will be required on the full-strength portion of the taxiways, however, for the shoulder and stabilized base sections, FAA Specification Item P-403 Asphalt Mix Pavement (Base, Leveling, or Surface Course) is allowed. The P-403 material specification is evaluated under pass-fail acceptance criteria, thus removing percentage-within-limit (PWL) calculations for contractor payments. Past projects at VNY have utilized both specifications, however, some contractors would prefer to place all asphalt (full-strength, stabilized base, and shoulder) pavement under one specification and maintain the PWL calculations. This approach of utilizing one specification as opposed to two may save on control strip and mix design costs. An assessment of contractor preference and recent bid costs will be evaluated as part of the design process.

Both materials and constructability will be evaluated during the preliminary design. In general, site-wide subgrade stabilization is not necessary, but there will likely be isolated areas where mechanical stabilization with geosynthetics may be needed. In these isolated areas, it is anticipated that a combination of P-154 subbase course and geogrid be used to stabilize the subgrade.

OVERALL GEOMETRY IMPROVEMENTS

The most demanding aircraft that utilizes VNY is the Boeing 737. This includes both the current and future operations at the airport. The B737 is identified as Airplane Design Group III (ADG III) and Taxiway Design Group 3 (TDG 3). Some airfield pavements may not be utilized by the B737, and each taxiway will be evaluated on a case-by-case basis to determine the appropriate TDG for the fillet design. As part of the recent Taxiway A and B projects, the fillets along various connecting taxiways proposed under this contract have been improved to meet current standards. Most of the proposed pavement area fillets identified for this contract do not meet current standards. An evaluation of the geometry is anticipated at the beginning of the program to identify improvements that may be needed to comply with the latest advisory circular. It may be necessary to correct geometry issues to the greatest extent possible while tying into the recently constructed taxiways. The upcoming AC 150/5300-13B (DRAFT), Airport Design, has updates to fillet design and should be considered as part of the geometry evaluation.



Taxiway C, D, and E Pavement Improvements and Current Geometry

TAXIWAY MARKINGS

The taxiway pavement markings will be established to identify the full strength pavement limits, the taxiway centerline, runway hold positions, shoulder markings, and other markings as required. Pavement markings that are installed incorrectly can leave a negative impression on an otherwise quality construction project, and lead to unnecessary maintenance costs for the airport. For the taxiway markings to be installed correctly, diligent field inspection and strict adherence to the specifications is necessary. Proper asphalt pavement or seal coat curing and appropriate surface preparation is critical for pavement marking longevity and correct appearance. Proper application rate of the paint, with uniform coverage across the full width of the marking is key for uniformity and proper bead embedment. The paint should be applied at approximately 15-mils thick, so that the beads will embed properly, and the proper reflectivity readings will be obtained.

AIRFIELD LIGHTING AND SIGNAGE

As part of updating the geometry and providing new or reconstructed shoulders for the various taxiways, new edge lights and signage will be necessary. LED lights will be incorporated into the design to be consistent with the remainder of the airfield. L-861T Elevated Taxiway Edge LED (ETEL) Lights will be installed within the newly constructed or reconstructed shoulders. Taxiways M and N have L-852 taxiway centerline lights which will be replaced in the rehabilitated or reconstructed taxiway. These new lighting circuits will be connected into existing circuits and regulators. It is anticipated that new and replaced lights will be LED which may reduce loads on existing regulators. This can result in downsizing the regulators for more efficiency. This will be explored during the design phase.

PLANS TO PROVIDE REQUESTED SERVICES

The overall approach is to provide a complete and dedicated team, with recent and relevant experience on similarly complex airfield programs working directly with LAWA staff and stakeholders. The Project Manager, **Byron Chavez, PE**, will lead the diverse team in all aspects of the program. Byron will be the main point-of-contact for LAWA, leveraging his expertise and approach to stakeholders in complex environments. He brings an in-depth understanding of similarly complex projects, blended with a long-standing history of leading critical design and construction projects at LAX, comprehensive experience with the FAA Los Angeles ADO, and an intimate knowledge of the upcoming changes to Advisory Circulars. Byron is local to Los Angeles and is committed to successfully delivering all aspects of this Program.

The Design Manager, **Phillip Leung, PE**, will ensure that each project is designed correctly, appropriately coordinated, and ultimately successful in terms of scope, schedule, and budget. Phillip has been involved in the design and construction of similarly complex projects in California at LAX and Stockton Metropolitan Airport bringing an in-depth knowledge and understanding of working on active and constrained airfields, expanding scope as necessary, coordinating with stakeholders, and delivering on demanding deadlines. Phillip is also local to Los Angeles and will be completely available to LAWA throughout this Program.

Byron, Phillip, and the Team have worked closely together for over 4 years on projects throughout California and the western part of the United States. The strong relationships of the Team successfully delivering complex projects will ensure that LAWA benefits from having the most qualified and local team to meet LAWA's needs and expectations.

APPROACH AND METHODOLOGY

The RS&H Team is committed to delivering high-quality design documents that will enable LAWA to successfully complete the Program. From our national and local aviation experience, we understand the critical elements of each phase of work required to deliver a quality project according to scope, schedule, and budget. The process begins with understanding the project scope, extends through a quality design, and ends with successful administration and coordination of the construction phase of the project. Byron will lead this effort and will coordinate all consulting efforts, but more importantly, will function as an extension to LAWA staff.

The RS&H Team's overriding service goals are that of providing insightful design and quality service. The Team's insight has been developed and refined by decades of work at all categories of airports. We put that experience to work on every assignment, developing the most effective solutions to ensure a successful project. We provide quality service by exceeding expectations in every aspect of project design, project implementation, construction services, and overall coordination of efforts. Technical quality, of course, means preparing documents that are practical, constructible, and meet regulatory requirements. This effort results in projects that meet the identified goals. But more than this, quality means addressing the Airport's best interests, continuously managing the process financial implications, understanding and identifying the ramifications to the airport for all actions, and assuring minimal operational impacts to the airport.

Financial sensitivity is an often overlooked, yet a vitally important component of a successful project. Integral to this effort is accurate cost estimation during all phases of a project, particularly during conceptual design, when accurate project scoping is critical and changes are easier and less costly than in later stages of design. Designing to meet the project's budget as well as the facility's needs does not need to be a contradictory effort; in fact, the two go together. The financial responsiveness of the designer is reflected in their ability to control construction cost during design and construction. Finally, the RS&H Team will provide an FAA-compliant design so that all projects within the Program are eligible for AIP funding.

PRELIMINARY PHASE

The RS&H Team will work closely with LAWA to assure that all physical, operational, and financial implications of the project are fully understood by all parties. The RS&H Team will execute a collection and review of data during this phase including:

- » Existing Project Definition Booklets
- » Existing record drawings
- » Interviews with airport operations, maintenance, and tenants
- » Previous projects, their associated costs, phasing plans, existing conditions, etc.
- » Aircraft fleet mix studies (where appropriate/available)
- » Geotechnical soil sampling
- » Hazardous waste sampling and remediation
- » Pavement evaluations and inspections
- » Records pertaining to underground and surface features
- » Topographic surveys
- » Existing pavement coring
- » All current and previous pavement studies (where applicable)
- » Drainage studies

After review of this data, a preliminary engineer's report will be produced and will recommend the most cost-effective and efficient design alternative to meet the project goals. The report will include:

- » Development of pavement design alternatives including life cycle cost and sensitivity analysis
- » Evaluation of taxiway lighting systems
- » Development of the preliminary opinion of probable construction costs
- » Development of a project schedule for design and construction (with alternatives)
- » Evaluation of drainage conditions
- » Development of project phasing alternatives

The preliminary phase is the most important in assuring that all RS&H Team members, airport staff, reviewing agencies, tenants, and other key parties agree on the best course of action. This phase will also be used to establish protocols and expectations related to schedule, quality control, and FAA grant adherence.

DESIGN AND BIDDING PHASE

The RS&H Team prides itself on its ability to develop construction documents that are “constructible” and reflect the real-world requirements of the contractors working in Southern California – from material and equipment availability to construction phase durations and wage rates, our design and cost estimating accounts for integrating the FAA requirements into the local market. Our designs go beyond meeting industry practices, aviation standards, and Advisory Circulars – we have a record of limiting field corrections and change orders to below the industry norm.

Such success in design is achieved by having professionals with construction experience. Our aviation experts have designed countless projects and successfully seen them through construction. We've lived with our documents through the construction process and worked with airports and contractors to get projects built. Only through such efforts can a designer develop the ability to produce truly excellent construction documents. Excellent design helps minimize change orders, financial overruns, and liability for the airport.

The design deliverables include plans, specifications, opinions of probable construction cost, an engineer's report, and the construction safety and phasing plan. Meetings will be held as necessary to gather input, evaluate options, and track compliance with the protocols and expectations that were established in the preliminary phase.

Design services conclude with bidding services, including attendance at a pre-bid meeting, addenda preparation (if necessary), bid tabulations, and recommendation for construction contract award.

CONSTRUCTION PHASE

A consultant's value is truly tested during construction. The design effort has set the stage for successful construction – the time when the bulk of the project's funds will be expended. Several important considerations arise during the construction phase of a project. The Airport remains in the business of serving aircraft and their passengers, and operational disruptions must be minimized. Safety and security must not be compromised. Delays and changes must be minimized, allowing the project to keep moving and closed out in a timely fashion.

Construction

Administration Services

- » Periodic visits to the sites
- » Preconstruction Conferences
- » Preparation of change orders
- » Review shop drawings
- » Design clarifications
- » Review lab/test results
- » Coordination with LAWA and Construction Manager
- » Evaluate substitution proposals
- » Review payment requests
- » Completion inspections

A consultant who knows how to work with contractors is crucial to the success of a construction project. A consultant must understand the contractors' perspective but also must always watch out for the best interest of the Airport. Our approach reduces the potential for issues by having design engineers who have field experience in the construction phases of projects.

All RS&H design engineers spend time on construction projects that they have designed to understand fully what they are directing a contractor to do through their plans. This on-site construction knowledge allows for "constructible" design but also assists with understanding how to phase and accelerate construction in a reasonable and cost-efficient manner that does not compromise quality.

The RS&H Team will provide Construction Administration (CA) services which will involve checking and monitoring the construction to ensure that what is being built is in conformance to what was designed. RS&H will attend the preconstruction conference, make periodic visits to the construction site to monitor progress and quality of work, take appropriate action on shop drawings and other submittal reviews, coordinate with the construction manager to assist with preparing change orders, review laboratory and material test results, provide design clarifications, evaluate contractor substitution proposals, review contractor applications for payment, perform substantial completion inspections, obtain written warranties, and prepare closeout documents, including record drawings.

KEY CHALLENGES AND ISSUES

Identifying potential challenges to assignments early in the scoping process will assist with managing risk throughout the project. Below are some potential challenges that we see with the proposed projects, a draft plan of action, and our demonstrated experience in handling similar complex challenges.

KET CHALLENGE - CONSTRUCTION ACTIVITIES AFFECTING AIRCRAFT OPERATIONS

Draft Plan of Action

Safety, maintaining aircraft operations, and construction costs is much like scope, schedule, and budget for a project, they are all interrelated. These projects must balance between maintaining aircraft operations and construction costs which will require early coordination with airport users, airport staff, and the FAA. The FAA outlines the following items when preparing for safety on airports during construction.

1. Identify Affected Area(s)
2. Describe Current Operations
3. Allow for Temporary Changes to Operations
4. Take Required Measures to Revise Operations
5. Manage Safety Risk

All identified projects will not only close the pavement in which the work is being completed, but surrounding pavements as well. All identified proposed projects are located within the safety areas of Runway 16R/34L and/or Runway 16L/34R and some of the projects are located within the object free area of Taxiway A and/or Taxiway B, which necessitates the closing of the runways and taxiways while work is occurring.

Closing of runways (particularly closing of Runway 16R/34L) will have a major impact to airfield operations which may necessitate performing the work during off-peak hours (e.g., nighttime) while maintaining access during

peak hours accelerated pavement construction to minimize the duration of the impact and/or temporarily reducing operational airfield pavement (i.e., displaced thresholds, shortening the runway, establishing NOTAMs for restricting pavement, etc.).

Closing of taxiways will also have an impact to airfield operations to maneuver aircraft safely and efficiently around the airfield but the construction advisory circular allows for more flexibility when working adjacent to taxiways like temporarily reducing the object free areas adjacent to the construction to allow for the most aircraft access around the construction and allowing work up to the full strength edge of the taxiway without having to meet safety area standards before opening the taxiway as long as the taxiway being opened is on a straight away and not a curve.

The balance between maintaining operations (continuous peak-hour access) and construction cost and quality will be evaluated during the preliminary design phase. Additionally, a tenant and stakeholder liaison will be dedicated for the program to assist with communicating the operational impacts of the construction with tenant and stakeholder to come to a census of the appropriate phasing for the project areas.

Demonstrated Experience

Stockton Metropolitan Airport

RS&H has recently completed several projects that involved similar situations to the proposed projects where the construction impacted adjacent runways and taxiways. For example, on the Stockton Metropolitan Airport Taxiway B Extension Project outlined in the Firm's Experience section the work within the runway safety area of the airport's main runway was completed at night while providing temporary transitions each night to maintain the runway safety area so the runway could be opened each day.



Los Angeles International Airport

On the recent Crossfield Taxiway P Project at LAX where the taxiway connected to Taxiway E on the north. Due to Taxiway E being the only taxiway on the north airfield that can accommodate the largest aircraft at the airport (e.g., Airbus A380) the pavement section was designed to allow for expedited construction and the construction was completed at night so that Taxiway E could be opened each day. This phase of the project was completed in 45 nights at one of the busiest airports in the world. Through ongoing communication with airport staff, operations, and tenants we worked through the development of phasing alternatives. Leveraging our understanding of the balance between construction and operations, these projects have been successfully constructed with agreement of the tenants and stakeholders, minimizing overall impacts.



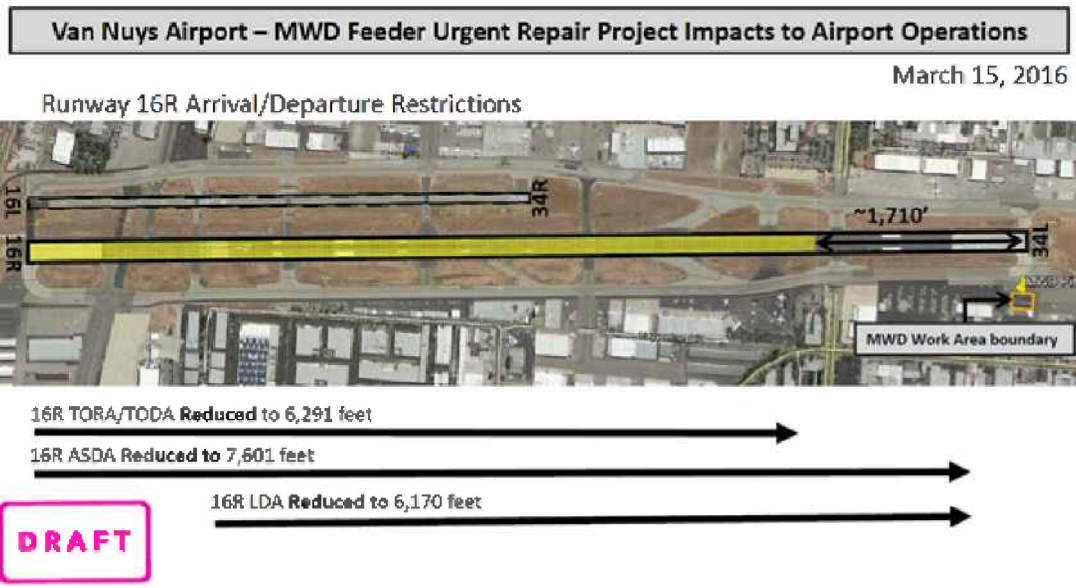
Accelerated pavement design and construction was implemented at LAX to reduce operational impacts at one of the busiest airports in the world.

Van Nuys Airport

RS&H has prepared analysis to support design and construction projects at VNY. RS&H's experience at VNY ensures LAWA that RS&H is prepared for the complexities of project delivery at one of the busiest and most complex general aviation airports in the U.S.

RS&H Support of MWD Feeder Urgent Repair Project

In March of 2015, RS&H prepared an operations analysis that enabled VNY to remain open during Metropolitan Water District (MWD) feeder project that would otherwise have forced overnight closures of Runway 16R-34L. Based on analysis by RS&H, FAA determined in April 2016 that VNY could remain open during the 45-day construction period with temporary declared distances. RS&H prepared analysis and supported LAWA through coordination with FAA to ensure impacts to VNY operations would be minimized.



RS&H Support of Modifications to Standard in Support of Taxiway B Improvement Program

In June 2016, RS&H planners prepared analysis to support a Modification of Standards (MoS) for Taxiway B. RS&H planners prepared analysis and wrote the MoS applications that were ultimately accepted by FAA and enabled federal funding of the Taxiway B pavement improvement project. RS&H planners coordinated with LAWA staff

including VNY management and operations, FAA staff including VNY Air Traffic Control representatives and FAA Airports representatives. Based on RS&H analysis and coordination with FAA stakeholders, LAWA was able to complete the VNY Taxiway B improvement projects in 2018.



KEY CHALLENGE - EXISTING UTILITIES

Draft Plan of Action

Conflicts with existing utilities are the most common cause of construction delays, interruption to airport operations, change orders, and budget overruns. The RS&H Team will prioritize reviewing record drawings, GIS databases, and any other information that will assist in identifying all known underground utilities. After that, RS&H will observe existing site conditions taking note of utility surface features, utility cuts in the pavement, and airport staff knowledge of known utilities. Once that is completed RS&H will pothole any concerning utilities that could come into impact with the proposed construction. Coordination with the FAA, City, and other utility owners performed to confirm all requirements when working around their utilities. Additionally, during the design phase, contingency plans will be put into place to rapidly resolve any unknown and uncovered utilities during construction to reduce costly conflicts and delays during construction.

Demonstrated Experience

RS&H recently completed the Taxiway P at Los Angeles International Airport that went through one of the oldest developed areas of the airport with numerous utilities running through the project site. Through the same approach listed above, RS&H was able to complete the project according to schedule and budget with less than 1% of change to the construction bid amount due to unforeseen utilities. However, unforeseen utilities can still occur, and RS&H was on site as needed and immediately responsive with contingency plans to address unknown utilities that impacted construction. Having all the utility owner's contact information and understanding their requirements when working around their utilities was key in properly providing contingency plans for unknown utilities.

DESIGN FOR CONSTRUCTION WITHIN AN ACTIVE GA AIRPORT ENVIRONMENT

The RS&H design staff and subconsultants have successfully assisted LAWA and other clients with delivery of projects in 24/7 operating environments. RS&H realizes that stakeholder engagement, attention to detail, and creative solutions are essential to achieving the best outcome in these environments. Our approach to delivering successfully designed projects in a complex operating environment will incorporate the following components from project initiation to project close-out:

MANAGING DESIGN RISK

The Team has seasoned staff with years of experience in design risk management. We will provide LAWA with the ideal staff resources to review and adjust designs to minimize any risk to LAWA regarding project execution during both the design and the construction phases of the project.

MAINTENANCE OF PROJECT SCOPE WITHIN PLANNED CONSTRUCTION BUDGET

The best design must meet the project goals (including the project budget) to be considered successful. We will monitor the progress of our projects by updating the cost estimate to verify that the project scope has not grown beyond the project's baseline budget and the scope approved by LAWA. If necessary, adjustments will be made throughout the design process to ensure the end product remains within budget and fulfills project goals. Each construction cost estimate deliverable carries a project contingency. As the deliverables progress, the contingency is reduced by 5-percent. As the plans and specifications become more detailed, the budget becomes clearer, and the project bids become more accurate.

AIRPORT OPERATIONS

The RS&H Team understands the limitations of construction in a heavy operational environment such as VNY, and the need to minimize the impacts to the airport. Utilizing our approach in the key challenges section, the VNY Program **phasing plan will be developed through an iterative process of engagement with stakeholders** so that impacts are minimized. RS&H has experience balancing the operational impact to stakeholders with the quality, cost and schedule of construction projects – including schedule and impact coordination with projects by other designers or contractors.

SAFETY

Safety is of paramount concern for airport construction projects. We understand the need to prepare detailed access and safety plans, incorporating intense coordination with LAWA, Air Traffic Control, Customs and Border Protection, Airport Police, and others to ensure safe construction while minimizing disruption to operations. Safety plans for airside projects will comply with the current FAA Advisory Circular, address contractor access, staging areas, control of personnel and equipment, and security measures during construction. We stand ready to support any SRM panels and recommendations, as needed.

SECURITY

Security and contractor access to the work site is another concern on airport construction projects. Provisions and time for security badging, access, and deliveries through approved gates and vehicle service roads will be accounted for in project schedules.

RESPONSE TO CHANGING REQUIREMENTS

Airport infrastructure improvement projects nearly always impact the tenants and stakeholders. This is an important factor as the consultant must be aware that each runway, taxiway or even vehicle service road closed will have some type of impact to airport tenants and stakeholders.

Change is inevitable on airport projects so the ability to recognize and address change effectively is essential. Each decision made, or direction given, places a restriction on the project that must be overcome. This could be a phasing issue, material selection, or other element that drives the direction of the project. Change may be outside influences, as well, that cause some type of disruption in the design or construction process.

Regardless of the phase of the project (design or construction) change must be managed. It is important that the project be transparent, so that all impacts, decisions, and the reasons for the decision are clear and well understood. Each potential change is typically defined as one that primarily effects the project scope, schedule, and budget.

Change must be embraced, as nearly every project faces this. Use of the following methods allow for the effective management of change:

- » Communicate that there is a change as soon as it is identified
- » Provide a clearly written description of the change
- » Identify the magnitude of all impacts associated with the change (scope, cost, and schedule) for both construction and design.
- » Determine reasons for the change, and identify other options (if any)
- » Strive to obtain consensus, to keep moving forward

While the process appears simplistic, the results are quickly realized, and the projects will effectively continue and be successfully completed.

RS&H has proven to be able to expand scope of work during projects as requested by LAWA and other clients. On the Crossfield Taxiway P Project at LAX, certain scopes of work were de-scoped and an additional taxiway extension was included to the project. Once notice to proceed was issued to RS&H, the design was completed and ready for bidding in five weeks. Additionally, during construction of the project it was requested of RS&H to include the keel reconstruction of Taxiway C-9 as a change order to take advantage of down traffic due to COVID-19. Within one day of being notified, RS&H provided preliminary documents to the Contractor for the reconstruction and followed up with final design two weeks later. This project went on to be constructed in 23 calendar days and was considered a success by the airlines and LAWA.

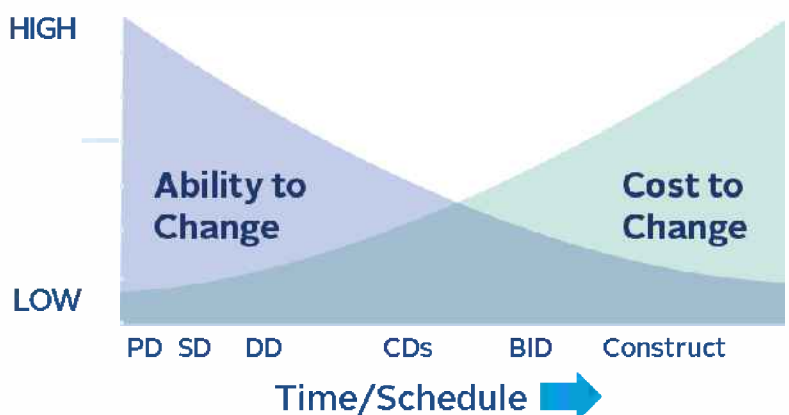
QA/QC Process



QUALITY MANAGEMENT

The RS&H Team's overriding orientation is to provide quality service. This means quality in every aspect of individual projects and in overall coordination. Technical quality means preparing documents that are practical for use, as well as meet the defined goals for the effort. More than this, quality means proactively watching out for LAWA's and VNY's best interests, continuously managing financial implications, understanding, and

Integrate High Cost Effective Design



identifying implications for all actions, recognizing, and offering alternatives, and assisting LAWA in the successful implementation of projects.

At RS&H, Quality Management includes Quality Control (QC), the operational process of refining the quality of a project, Quality Assurance (QA), the verification process that confirms QC was conducted and quality standards have been met, and Quality Improvement (QI), the process of continual method, content, and expertise improvement that drives client satisfaction and advances market advantages.

APPROACH TO MINIMIZING RFI'S AND CHANGES

During the design, extensive and detailed quality control, and quality assurance reviews will occur prior to each submittal. This process will involve review from the design, operational, cost and constructability standpoints of the project. The quality process will be performed by project team members as well as individuals who are not involved with the project, to obtain an independent, objective review. RS&H incorporates a standardized QA/QC process into every project. The process involves procedures geared toward creating a product that will enable a construction effort with minimal issues and will allow LAWA to focus on other more pressing issues that affect the airport.

The quality review process of the RS&H Team has a simple goal: to minimize the potential of change orders and cost overruns. As the QA/QC process occurs during each submittal development, specific focus will be given to mitigating the potential for change orders. RS&H Team members have considerable field construction experience. They have lived with their plans and specifications and have had to work with contractors to get projects built. This experience provides them with the ability to identify and mitigate change order susceptible design elements. The resulting design product is one that will remain within industry standard budget parameters during the construction period. Overall quality control review is accomplished by:

- » Detailed document checking
- » Value Engineering
- » Independent project peer review
- » Constructability review
- » Interdisciplinary document review for design coordination

Demonstrating the proof of our quality management process, RS&H has historically had change order costs during construction that equate to approximately 3 percent of the bid price. This change order percentage includes primarily costs for additional scope increases as requested by Airport Sponsors.

Even still, this change order cost percentage is less than is less than half of the industry average. Demonstrated below is proof that RS&H has the capabilities to complete projects without having major cost escalations or overruns.

PROJECT	ESTIMATED CONSTRUCTION COST	CONSTRUCTION BID COST	CONSTRUCTION ACTUAL COST
Los Angeles International Airport New Crossfield Taxiway P Project	\$88.4M	\$84.1 M	\$76.5M *
Los Angeles International Airport Runway 25R Reconstruction Project	\$43.0M	\$41.01M	\$39.1M
Stockton Metropolitan Airport Taxiway B Extension to Runway 29R End	\$4.2M	\$3.9M	\$4.1M

PROJECT	ESTIMATED CONSTRUCTION COST	CONSTRUCTION BID COST	CONSTRUCTION ACTUAL COST
Hollywood-Burbank Airport Runway 8-26 and 15-33 Reconstruction	\$19.0M	\$17.4M	\$17.9M
Stockton Metropolitan Airport Terminal Apron Extension Construction	\$2.6M	\$2.5M	\$2.4M

**Modification of the airfield lighting vault (\$6.3M) was de-scoped due to upcoming changes in the FAA design criteria. Reconstruction of Taxiway C-9 (\$2.8M) was added in the contract through a change order due to the down traffic of COVID. Various construction allowances (\$5.5M) were significantly underrun. Total Change Orders due to unforeseen conditions was less than 1% of construction cost.*

MANAGING DESIGN REVIEW COMMENTS

RS&H has a structured method to schedule, track, facilitate, and close out internal and external review comments. It stems from the quality management and rests with the Project Manager. At the onset of the project, both internal Quality Control reviews and reviews by the Airport and Agencies are programmed in the initial project schedule. Adequate review times are determined for all those who will participate, and conflicts in schedule are reviewed, so that complete reviews are able to be performed.

For internal QC reviews, Prior to the commencement of work on each task, the PM confirms the Reviewers and briefly discusses the project, decisions made, responsibilities, goals defined and deliverable schedule with each. At each deliverable phase, the PM sends a complete electronic deliverable package to each Reviewer. The PM provides a mandatory review period commensurate with the project complexity but is no less than three business days for the Reviewers to complete the Independent Quality Control Review(s) plus sufficient time to address review comments.

The checking activity is made directly on the documents provided by the PM. The Reviewers review and provide electronic comments in a shared Bluebeam PDF file or by Track Changes in Word files. The Reviewer marks in RED all corrections, additions, and / or deletions believed to be required. The review is preceded and concluded by a conference between the Reviewers and PM to discuss the specifics of the project and the results of the review.

For external reviews with Airports and Agencies, similar meetings are held where the project is described and discussed. All review comments are tracked via an MS Excel spreadsheet to ensure that each comment is captured. Some reviewers prefer to mark-up plans and specs, which are also captured on spreadsheets.

All comments received are either incorporated or marked for discussion. If a comment conflicts with another, or is disputed, the comment must be closed with the reviewer. This is true for an agency, Airport, or even internal review. The result of this process is minimal errors, omissions, RFIs, as well as tight competitive bids.



All reviewed and QC'd plans, specification, reports, estimates that are received are scanned and included in the Quality Control Folder in the electronic files for future reference.

EXPERIENCE WITH PUBLIC AGENCY REVIEWS

Both RS&H and team members have experience working with including LAWA, City of L.A. Department of Building and Safety (LADB&S), City of L.A. Bureau of Engineering, L.A. County, L.A. Fire Department, and the FAA. All team members have offices in Los Angeles or Southern California, and each team member is accustomed to working directly with these agencies. The fundamental objective is to ensure that the projects are well coordinated and meet the needs of the permitting agencies. Early coordination has been successful in the past and will be implemented on this Program for each assignment and task.

OTHER CONSIDERATIONS

KNOWLEDGE OF UP-COMING FAA ADVISORY CIRCULAR 150/5300-13B

The RS&H Team is very familiar with the upcoming changes to draft FAA Advisory Circular 150/5300-13B, Airport Design, and have been actively engaged in understanding what the changes mean for airports. RS&H has been on the forefront in identifying key benefits of the proposed changes in the draft advisory circular, working with industry trade groups such as AAAE, ACC, ACI, and informing clients of potential impacts and benefits to their airfields and upcoming AIP projects including the upcoming Taxiway D Project at LAX.

Based on the timeframe for design for this contract, it is likely that FAA AC 150/5300-13B, Airport Design, will be implemented. Many geometric and runway approach changes are proposed in this upcoming AC that may have favorable and cost-saving initiatives that can be implemented as a part of the design. Such proposed changes to the Taxiway Object Free Area (TOFA) reductions revised approach and departure surfaces will have a favorable impact on design and construction.

SUMMARY OF APPROACH

The RS&H Team has the depth of knowledge and experience to provide professional engineering services on these projects. The Team consists of dedicated and qualified aviation professionals that truly understand the needs of LAWA and VNY. This Team strives to function as an extension of airport staff and provide unequaled quality service. The RS&H Team is committed to and enthusiastic about this opportunity to serve you.

RS&H's overall project approach hinges on the efforts of a dedicated Team of professionals working together to meet the goals of the Airport. RS&H accomplishes this by:

- » Establishing clear lines of communication among all stakeholders
- » Recognizing the financial sensitivity of the projects
- » Placing safety as a paramount goal
- » Developing construction documents that are "constructible"
- » Knowing the contractor's culture to ensure a seamless transition from design to construction

The RS&H Team's approach has proven successful in every facet of airport consulting. Our references and previous experience on projects show how well RS&H has incorporated this approach into their projects.



PART B – TECHNICAL PROPOSAL:
8.3.9. Section 2: G. Inclusivity

8.3.9. INCLUSIVITY

RS&H has a strong corporate commitment to the local disadvantaged business community. The firm's formal policy and corporate culture is to utilize Disadvantaged Business Enterprise (DBE) firms in meaningful project task assignments to not only meet a fiscal commitment, but to truly mentor them in providing valuable services. This policy is pursued aggressively by our project managers as they continually seek competent and qualified firms to supplement the team's capabilities.

RS&H seeks to mentor DBE firms to enhance their quality of service and breadth of experience. In the past, we have helped our DBE partners learn how to contract with various airports, complete invoices, and expand their network of contacts to help them grow and build capacity. RS&H has a long history of providing opportunities and promoting participation of DBE firms both through on-call contracts as well as project-specific contracts.

The selection process for DBE firms for any project assignment is based on the strengths of each firm, unique project elements, and specific firm representatives. Each specialty team member is included in team meetings and progress meetings with the client and is exposed to the RS&H project management and delivery system. They are directly involved with the overall project quality control program and are held accountable for the quality of their scope of work. After the RFP, RS&H reached out to DBE subconsultants that have demonstrated experience in one or more of the following criteria.

1. Experience at general aviation or commercial airports of similar scope and complexities to VNY.
2. Experience with LAWA and/or VNY.
3. Worked with RS&H on airfield projects of similar scope and complexities to VNY.

Based on this criterion, the RS&H Team for this Program includes four DBE subconsultants that will play a meaningful role in the success of this program. The DBE firms selected, their roles, and projected participation for the contract is shown in the table below. RS&H pledges to meet or exceed LAWA's 15% DBE participation goal for the VNY Airfield Improvement Program.

FIRM	ROLE	PROJECTED PARTICIPATION
Diaz Yourman	Geotechnical, Pavement Design, Hazardous Materials Investigation	7%
M Lee Corporation	Cost Estimating and Construction Scheduling	2%
VCA Engineers	Grading and Drainage	3%
Wagner Engineering & Survey	Surveying	3%
Total RS&H DBE Pledge:		15 %

RS&H has had success on previous contracts, meeting and exceeding the contract goal with LAWA on similar projects as shown in the below table.

CONTRACT	GOAL	ACTUAL
LAWA Contract DA-4701 (DBE)	9%	22%
LAWA Contract DA-4987 (DBE)	20%	20.25%
LAWA Contract DA-5173 (DBE)	16%	19.7%*
LAWA Contract DA-5318 (SBE, LBE/LSBE, DVBE)	31%	50%*

*Contracts are active. Percentages shown are from latest compliance summary.

INCLUSIVITY PLAN

RS&H takes a collective enterprise approach to the contract administration of our DBE utilization plan. Several staff members oversee the program to make certain a successful and comprehensive utilization plan for disadvantage business enterprises to participate fully on this contract as partners is achieved. The DBE firms we have included are true partners in that they provide services and support that result in significant value to overall team capabilities. Our goal is to remain nimble and flexible, so the overall number of partner firms is small, but many provide multiple services. For each task, our Project Manager, Byron Chavez, will review the scope of work, identify areas that our partners can provide significant value, and ensure we are providing the greatest opportunity for DBE partners. Our Contract Support Specialists make certain communications regarding task provisions requirement are prompt and clear. The subconsultants that we are proposing to utilize on this Program do not require administrative assistance, however, RS&H is always a resource for anything that our subconsultants need and always available to assist them with any administrative functions. The RS&H Team commits to meeting or exceeding the 15% DBE goal for this Program.

DISPUTE MANAGEMENT

Typically disputes with subconsultants can be directly related to a lack of communication. RS&H truly treats our subconsultants as a part of the team and the team will be successful or unsuccessful together. Keeping our subconsultants informed from the proposal process through the end of the contract is key in ensuring that disputes between us and our subconsultants are mitigated. The process begins with all parties understanding the scope, extends through a quality design, and ends with successful management of the construction phase of the project. Most times, changes and adaptation to airport and tenant requirements are necessary on LAWA projects. Our approach is always effective communication with our subconsultants throughout the life of a project. Our approach strives to head off problems early and involves a proven quality management process that we have successfully demonstrated on several LAWA contracts.

PROMPT PAYMENTS

RS&H will focus on financial accounting and invoicing for our DBE subconsultants to ensure prompt payment of services. We have found in many instances, the subconsultants are not initially prepped on invoicing and financial requirements and the requirements between other team prime consultants can vary widely. After execution of a task order with LAWA and work orders with the subconsultants, the Project Manager will send out the billing cycles for the project to all the subconsultants. The billing cycles will indicate to the subconsultant when their invoices need to be turned into RS&H to get onto the next LAWA invoice. Additionally, as the invoice submittal date for the subconsultants is near, RS&H will reach out to the subconsultants reminding them to get their invoices submitted. Once invoices are submitted from the subconsultants the RS&H Project Manager submits the invoices to accounting within two days of receiving. Once all invoices are submitted into RS&H accounting, it is a requirement for the RS&H Project Manager to submit a monthly invoice to LAWA and will follow up with LAWA to keep all accounts receivable under 60 days. Once RS&H is paid, typically the subconsultants are paid in less than 3 days, but no longer than 7 days. The key to prompt payments is to ensure that the subconsultants are getting their invoices submitted on time and regularly and that RS&H is doing the same with LAWA. Prompt payments to our subconsultants is managed by the Project Manager, Project Officer, and Contract Support Specialists.

Over the past decade, RS&H has searched and worked with 260 DBE firms resulting in more than \$60 million in fees being paid to RS&H's DBE partners.

The City of Austin Small & Minority Business Resources Department named RS&H the 2020 Prime Consultant of the Year.

This is significant recognition as it proves that we do what we say - we successfully partner with and mentor small and minority firms. In a city with very high small/ minority business participation requirements, it's an honor to receive this city-wide award.

APPENDIX: RESUMES

Key Personnel Resumes



BYRON CHAVEZ PE
PROJECT MANAGER

Firm Location:	RS&H Los Angeles, California
Credentials:	Bachelor of Science, Civil Engineering; Oklahoma State University Registered Professional Engineer: California (No. 88710), 2017; NV, OK, TX Member: American Association of Airport Executives, American Society of Civil Engineers
Tenure:	6 Years RS&H 14 Years Total
Professional Qualifications:	Byron is energetic, experienced, and well-prepared to give LAWA successful projects under this Program. He brings more than 14 years of experience as a Project Manager, Design Manager, Project Engineer, and Construction Engineer exclusively on aviation engineering projects throughout the US and internationally. He has extensive experience in engineering design, budget/schedule control, construction administration, tenant coordination, and construction phasing. Prior to moving to Los Angeles to work with LAWA on the Taxiway P assignment, Byron acted in similar roles for engineering design services at Austin-Bergstrom International Airport (AUS), the 35th busiest airport in the US. He managed all types of engineering and planning assignments at AUS with contract and construction values and complexity like those anticipated on this Program. He is uniquely qualified to serve LAWA in this Project Manager role.
Capabilities:	<ul style="list-style-type: none"> » Design Manager and Engineer of Record for LAX Taxiway P Project which included impacted tenant coordination » Understands local agency and coordination » Has in-depth knowledge of airport design standards and demonstrated experience in successfully delivering large and complex airfield projects
Most Recent 3 Projects (detailed information on following page):	<ul style="list-style-type: none"> » New Crossfield Taxiway P, Los Angeles International Airport, Los Angeles, California » New Taxiway D Extension, Los Angeles International Airport, Los Angeles, California » Taxiway B, C, and D Reconstruction, Los Angeles International Airport, Los Angeles, California
Additional Project Experience:	<ul style="list-style-type: none"> » Runway 8-26 and 15-33 Rehabilitation, Hollywood Burbank Airport, Burbank, California--Engineer » Taxiway B Extension – Stockton Metropolitan Airport, Stockton, California--Engineer » Airport Pavement Management and Maintenance Plan, Austin-Bergstrom International Airport, Austin, Texas – Project Manager » Airfield Pavement Repairs, George Bush Intercontinental Airport, Houston, Texas-- Engineer



#1 - New Crossfield Taxiway P, Los Angeles International Airport

Scope of Work:	<i>Design Manager, Engineer-of-Record.</i> Byron acted as Engineer-of-Record for the new north/south crossfield taxiway connecting the north and south airfield. Led the design for construction safety and phasing, pavement, and utility demolition, horizontal control, pavement design, pavement markings, technical specifications, engineer's report, and detailed design calculations. Responsible for construction administration services as Engineer-of-Record, including site observations and visits, field issue resolutions, submittal review, responding to RFIs, plan and specification changes preparation for change directives, permitting assistance, schedule and pay applications review, participating in construction phasing meetings, and record drawings preparation.
Political Environment:	Taxiway P was a very visible project to LAWA because of its coordination with other ongoing projects (MSC and SAAP) at LAX. Byron worked closely with LAWA to sequence the construction to give LAWA maximum flexibility to accommodate variances in schedules of the surrounding projects.
Stakeholder Interaction:	Many stakeholders were impacted by the footprint of the project. Constant communication, explanation of the overall program, and alternative solutions to tenant concerns allowed the project to successfully balance completing the project as intended and impacts to stakeholders. Stakeholders included Airfield Operations, FAA, FAA Air Traffic Control, LAX ARFF, American Airlines, LAXFUEL, Southwest Airlines, United Airlines, Delta Airlines, Menzies, LAWA Bus Operations, LAWA Maintenance, LAWA Commercial Development Group, LADWP, LADB&S, LA County Health Department, LABOE, and LAFD. Due to impacts on airfield operations, the project was phased in over 20 phases and sub-phases to minimize the impacts, and designs were modified for construction expedience. Vehicle service roads, ARFF traffic, and tenant traffic along Coast Guard Road were maintained throughout the project duration.
Delivery Method:	Design-Bid-Build
Value:	\$75M (approximate final construction cost)
Completion Date:	7/2021
Location:	Los Angeles International Airport, Los Angeles, California
Owner Contact:	Goran Lazarevic, Airports Engineer II, GLazarevic@lawa.org; 424-646-5870

**#2 - New Taxiway D Extension, Los Angeles International Airport**

Scope of Work:	<i>Project Manager:</i> New east/west taxiway from Taxiway P to Taxiway AA. This project is a successor to the Taxiway P Project and a critical predecessor project to the Airfield Improvement Program. It has been designed to 60% and is expected to be completed in February of 2022 under the current RS&H contract. The Taxiway D extension will allow for dual parallel taxiways to the north airfield, which will mitigate Group VI traffic during peak times of aircraft activity. The new section of the Taxiway D centerline will be located 298 feet parallel and south of the Taxiway E centerline, will be approximately 2,300 feet long, and will be 75 feet wide with 40-foot-wide shoulders. Two connector taxiways between Taxiway D and Taxiway E, Taxiway V and Taxiway W, and one connector taxilane between Taxiway D and the FedEx apron, Taxilane D14, will also be constructed. The taxiways/taxilanes will be fully lit with taxiway edge and centerline lights. Taxiway 3 and Taxiway 4 are aligned with the future north airfield exit taxiways in between Runway 6R-24L and Taxiway E, as approved by the FAA as part of the North Airfield Exit Taxiways PDB. Responsible for preparing and overseeing the scope, schedule, fee, and quality of the final deliverables for the project.
Political Environment:	Taxiway D Extension is important to LAX because the addition of north airfield dual parallel taxiway capability will significantly enhance airfield efficiency and is an essential precursor for the vast majority of LAWA's envisioned north airfield rehabilitation and improvements.
Stakeholder Interaction:	Taxiway D Extension impacts several existing tenant leaseholds. Meetings have been held with impacted stakeholders to mitigate impacts and effectively communicate the timing of the project. Constant communication, explanation of the overall program, and alternative solutions to mitigate tenant addressed most stakeholder concerns. Stakeholders include Airfield Operations, FAA, FAA Air Traffic Control, LAXFUEL, Southwest Airlines, LAWA Bus Operations, LAWA Maintenance, LAWA Commercial Development Group, LADWP, LADB&S, LABOE, and LAFD.
Delivery Method:	Design-Bid-Build
Value:	\$80M Construction (estimated)
Completion Date:	2/28/2021 (Design); currently in design phase
Location:	Los Angeles International Airport, Los Angeles, California
Owner Contact:	Goran Lazarevic, Airports Engineer II, GLazarevic@lawa.org; 424-646-5870

#3 - Taxiway B, C, and D Reconstruction, Los Angeles International Airport

Scope of Work:	<i>Project Manager, Engineer-of-Record.</i> Reconstruction of portions of Taxiway B, Taxilane C, and Taxiway D due to deteriorated pavement that had reached the end of its life. Reconstruction was limited to the full-strength pavement except for transitioning into the shoulders. Centerline lighting will be replaced on Taxiway B and Taxiway D and new centerline lighting is being proposed on Taxilane C. Reconstruction of the taxiways was performed under an aggressive design schedule of five months from NTP to Bid Documents including all preliminary investigations. Responsible for preparing and overseeing the scope, schedule, fee, and quality of the final deliverables for the project. Responsible for coordinating with airport operations during preliminary investigations, airport tenants, outside utility agencies, assisting with Airline phasing coordination, and leading weekly design meetings with LAWA.
Political Environment:	Many airline stakeholders were impacted by the footprint of the project which would impact their business. Alternative phasing solutions were developed throughout the design process to balance completing the project as intended while limiting the impacts to stakeholders. Stakeholders included Airfield Operations, Terminal Operations, American Airlines, Alaska Airlines, United Airlines, Air Canada, and JetBlue. Due to impacts on airfield operations, the project was phased in 10 phases and sub-phases to minimize the impacts, and designs were modified for construction expedience. Temporary bypass taxilanes during construction of Taxilane C and the alleyway intersections were designed through existing corner terminal gates into the alleyways to maintain as many terminal gates open as possible.
Stakeholder Interaction:	Extensive coordination with airport operations and airline tenants was required due to the Taxilane C reconstruction being directly adjacent to the south terminals and requires numerous impacts to terminal gates throughout construction. RS&H assisted LAWA with phasing options to present to airport operations and airline tenants that balanced the following: <ul style="list-style-type: none"> » Impacts on active taxiways, taxilanes, and terminal alleys. » Impacts to terminal gates. » Impacts to vehicle service roads. » Sequencing around adjacent construction. » Wingtip clearances and safety area requirements when taxiing adjacent to construction. » Jet blast impacts to construction workers. » Contractor access to the work areas. » Contractor efficiencies based on area for construction. » Contractor laydown areas adjacent to the construction.
Delivery Method:	Design-Bid-Build
Value:	\$65M Total – \$30M Base Bid / \$35M Additive Alternate Bid
Completion Date:	10/29/2021 (Design); currently in bid phase
Location:	Los Angeles International Airport, Los Angeles, California
Owner Contact:	Goran Lazarevic, Airports Engineer II, GLazarevic@lawa.org; 424-646-5870



JOE JACKSON

PROJECT PRINCIPAL

Firm Location:	RS&H Los Angeles and San Francisco, California
Credentials:	Master of Business Administration, Morehead State University Bachelor of Arts in Music Education, Morehead State University Education Committee, Southwest Chapter of American Association of Airport Executives OSHA Construction Safety and Health; Red Vector
Tenure:	18 Years RS&H 37 Years Total
Professional Qualifications:	Joe is a senior project executive with 37 years of extensive insight regarding the successful delivery of consulting engineering services at complex and busy airports. He has worked continuously in this role for LAWA since 2012. He is highly organized and sees the big picture above the day-to-day details of project administration. He communicates well and consistently draws the best efforts from project teams. As Project Officer, Joe will provide technical and administrative management, and ensure the proper resources are committed and applied to the project and provide Quality Assurance review. He is the corporate officer responsible for ensuring LAWA is satisfied with the work performed.
Capabilities:	<ul style="list-style-type: none"> » Extensive experience supporting engineering design, planning and architectural services as Project Principal » GA airport experience at over 35 airports including VNY » Understands tenant coordination at GA airports » Has in-depth knowledge of airport design standards and demonstrated experience in successfully delivering large and complex airfield projects
Most Recent 3 Projects (detailed information on following page):	<ul style="list-style-type: none"> » New Crossfield Taxiway P, Los Angeles International Airport, Los Angeles, CA » New Taxiway D Extension, Los Angeles International Airport, Los Angeles, CA » Taxiway B, C, and D Reconstruction, Los Angeles International Airport, Los Angeles, CA
Additional Project Experience:	<ul style="list-style-type: none"> » GA Taxilanes and Apron Rehabilitation - Stockton Metropolitan Airport, Stockton, CA-- Project Officer » Taxiway D Rehabilitation – Stockton Metropolitan Airport, Stockton, CA-- Project Officer » Taxiway B Extension – Stockton Metropolitan Airport, Stockton, CA-- Project Officer » Runway 8-26 and 15-33 Rehabilitation, Hollywood Burbank Airport, Burbank, CA --Project Officer

**#1 - New Crossfield Taxiway P, Los Angeles International Airport**

Scope of Work:	<i>Project Officer.</i> RS&H designed and is provided construction administration services for the design for new Taxiway P, airside vehicle service road, and associated enabling projects that provide unimpeded taxiway flow between the north and south airfields, as well as a dual parallel taxiway capability for the North Runway complex. Included demolition and/ or relocation of existing facilities such as RON parking, water deluge tank and pump house building hangar facilities, and other infrastructures enabling projects to facilitate construction. Joe provided technical and administrative management, and ensured the proper resources were committed and applied to the project and provided Quality Assurance review. He is the corporate officer responsible for ensuring LAWA is satisfied with the work performed.
Political Environment:	Taxiway P was a very visible project to LAWA because of its coordination with other ongoing projects (MSC and SAAP) at LAX. Byron worked closely with LAWA to sequence the construction to give LAWA maximum flexibility to accommodate variances in schedules of the surrounding projects.
Stakeholder Interaction:	Many stakeholders were impacted by the footprint of the project. Constant communication, explanation of the overall program, and alternative solutions to tenant concerns allowed the project to successfully balance completing the project as intended and impacts to stakeholders. Stakeholders included Airfield Operations, FAA, FAA Air Traffic Control, LAX ARFF, American Airlines, LAXFUEL, Southwest Airlines, United Airlines, Delta Airlines, Menzies, LAWA Bus Operations, LAWA Maintenance, LAWA Commercial Development Group, LADWP, LADB&S, LA County Health Department, LABOE, and LAFD. Due to impacts on airfield operations, the project was phased in over 20 phases and sub-phases to minimize the impacts, and designs were modified for construction expedience. Vehicle service roads, ARFF traffic, and tenant traffic along Coast Guard Road were maintained throughout the project duration.
Delivery Method:	Design-Bid-Build
Value:	\$75M (approximate final construction cost)
Completion Date:	7/2021
Location:	Los Angeles International Airport, Los Angeles, California
Owner Contact:	Goran Lazarevic, Airports Engineer II, GLazarevic@lawa.org; 424-646-5870



#2 - New Taxiway D Extension, Los Angeles International Airport

Scope of Work:	<p><i>Project Officer.</i> New east/west taxiway from Taxiway P to Taxiway AA. This project is a successor to the Taxiway P Project and a critical predecessor project to the Airfield Improvement Program. It has been designed to 60% and is expected to be completed in February of 2022 under the current RS&H contract. The Taxiway D extension will allow for dual parallel taxiways to the north airfield, which will mitigate Group VI traffic during peak times of aircraft activity. The new section of the Taxiway D centerline will be located 298 feet parallel and south of the Taxiway E centerline, will be approximately 2,300 feet long, and will be 75 feet wide with 40-foot-wide shoulders. Two connector taxiways between Taxiway D and Taxiway E, Taxiway V and Taxiway W, and one connector taxilane between Taxiway D and the FedEx apron, Taxilane D14, will also be constructed. The taxiways/taxilanes will be fully lit with taxiway edge and centerline lights. Taxiway 3 and Taxiway 4 are aligned with the future north airfield exit taxiways in between Runway 6R-24L and Taxiway E, as approved by the FAA as part of the North Airfield Exit Taxiways PDB. Joe is providing technical and administrative management, and ensures the proper resources are committed and applied to the project and provides Quality Assurance review. He is the corporate officer responsible for ensuring LAWA is satisfied with the work performed.</p>
Political Environment:	<p>Taxiway D Extension is important to LAX because the addition of north airfield dual parallel taxiway capability will significantly enhance airfield efficiency and is an essential precursor for the vast majority of LAWA's envisioned north airfield rehabilitation and improvements.</p>
Stakeholder Interaction:	<p>Taxiway D Extension impacts several existing tenant leaseholds. Meetings have been held with impacted stakeholders to mitigate impacts and effectively communicate the timing of the project. Constant communication, explanation of the overall program, and alternative solutions to mitigate tenant addressed most stakeholder concerns. Stakeholders include Airfield Operations, FAA, FAA Air Traffic Control, LAXFUEL, Southwest Airlines, LAWA Bus Operations, LAWA Maintenance, LAWA Commercial Development Group, LADWP, LADB&S, LABOE, and LAFD.</p>
Delivery Method:	<p>Design-Bid-Build</p>
Value:	<p>\$80M Construction (estimated)</p>
Completion Date:	<p>2/28/2021 (Design); currently in design phase</p>
Location:	<p>Los Angeles International Airport, Los Angeles, California</p>
Owner Contact:	<p>Goran Lazarevic, Airports Engineer II, GLazarevic@lawa.org; 424-646-5870</p>

**#3 - Taxiway B, C, and D Reconstruction, Los Angeles International Airport**

Scope of Work:	<i>Project Officer, Engineer-of-Record.</i> Reconstruction of portions of Taxiway B, Taxiway C, and Taxiway D due to deteriorated pavement that had reached the end of its life. Reconstruction was limited to the full-strength pavement except for transitioning into the shoulders. Centerline lighting will be replaced on Taxiway B and Taxiway D and new centerline lighting is being proposed on Taxiway C. Reconstruction of the taxiways was performed under an aggressive design schedule of five months from NTP to Bid Documents including all preliminary investigations. Joe provided technical and administrative management, and ensured the proper resources were committed and applied to the project and provided Quality Assurance review. He is the corporate officer responsible for ensuring LAVA is satisfied with the work performed.
Political Environment:	<p>Many airline stakeholders were impacted by the footprint of the project which would impact their business. Alternative phasing solutions were developed throughout the design process to balance completing the project as intended while limiting the impacts to stakeholders. Stakeholders included Airfield Operations, Terminal Operations, American Airlines, Alaska Airlines, United Airlines, Air Canada, and JetBlue.</p> <p>Due to impacts on airfield operations, the project was phased in 10 phases and sub-phases to minimize the impacts, and designs were modified for construction expedience. Temporary bypass taxiways during construction of Taxiway C and the alleyway intersections were designed through existing corner terminal gates into the alleyways to maintain as many terminal gates open as possible.</p>
Stakeholder Interaction:	<p>Extensive coordination with airport operations and airline tenants was required due to the Taxiway C reconstruction being directly adjacent to the south terminals and requires numerous impacts to terminal gates throughout construction. RS&H assisted LAVA with phasing options to present to airport operations and airline tenants that balanced the following:</p> <ul style="list-style-type: none"> » Impacts on active taxiways, taxiways, and terminal alleys. » Impacts to terminal gates. » Impacts to vehicle service roads. » Sequencing around adjacent construction. » Wingtip clearances and safety area requirements when taxiing adjacent to construction. » Jet blast impacts to construction workers. » Contractor access to the work areas. » Contractor efficiencies based on area for construction. » Contractor laydown areas adjacent to the construction.
Delivery Method:	Design-Bid-Build
Value:	\$65M Total – \$30M Base Bid / \$35M Additive Alternate Bid
Completion Date:	10/29/2021 (Design); currently in bid phase
Location:	Los Angeles International Airport, Los Angeles, California
Owner Contact:	Goran Lazarevic, Airports Engineer II, GLazarevic@lawa.org; 424-646-5870



PHILLIP LEUNG PE, LEED AP

DESIGN MANAGER

Firm | Location: RS&H | Los Angeles, California

Credentials: Bachelor of Science, Civil Engineering and Environmental Engineering; University of Massachusetts
Registered California Civil Engineer (#89959)

Tenure: 14 Years RS&H | 15 Years Total

Professional Qualifications: Phillip has 15 years of experience working exclusively on aviation engineering projects throughout the U.S. and internationally. He provides project management and engineering services for a variety of projects, serving as a Lead Project Civil Engineer and Project Manager. His duties encompass all aspects of engineering design and construction administration. His project responsibilities have included design plan and specification development and construction administration for projects involving drainage, grading, airfield geometry, airfield lighting and marking, airfield pavement inspection, cost estimation, and utilities installation.

Capabilities:

- » Experience with construction phasing to limit impact to stakeholders; including relocated thresholds; temporary electrical, paving and grading; stakeholder outreach and communication.
- » Technical understanding of FAA airport design standards, innovative pavement designs, and constructability reviews.
- » FAA MOS – analysis, justification and FAA engagement for: new MOS, removal of existing MOS.

Most Recent 3 Projects (detailed information on following page):

- » Taxiway D Rehabilitation, Stockton Metropolitan Airport, California
- » Taxiway D Extension, Los Angeles International Airport, California
- » GA Hangar Taxilanes Rehabilitation, Stockton Metropolitan Airport, California

Additional Project Experience:

- » New Crossfield Taxiway P, Los Angeles International Airport, California
- » GA Apron Rehabilitation Construction Administration Services, Stockton Metropolitan Airport, California
- » Taxiway B Extension and Apron Expansion, Stockton Metropolitan Airport, California
- » Runway 25R Reconstruction, Los Angeles International Airport, California



#1 - Taxiway D Rehabilitation, Stockton Metropolitan Airport

Scope of Work:	<i>Project Manager.</i> Completed the rehabilitation of rapidly deteriorating pavement on the airport's sole access taxiway to their cargo apron area. Included a geotechnical investigation, site investigations, and analysis of existing data to determine the cause of the pavement failure and to provide a design solution. Includes mill and overlay to extend the life of the pavement. Construction administration and RPR services included two months of construction including daily taxiway closures for mill and overlay and taxiway reopening for aircraft traffic.
Political Environment:	The rapid deterioration of Taxiway D threatened SCK's ability to serve their lucrative cargo tenant. Dangerous potholes developed in the Winter of 2019 and forced the cargo tenant to tow their three B767s per day due to FOD. RS&H worked with the Airport to quickly remedy the situation and limit impact to the tenant by performing emergency repairs to get thru the winter and to get long term remedy designed, bid, and built the following summer. The project was completed on schedule and before cargo traffic increased for the 2020 holiday season.
Stakeholder Interaction:	RS&H worked with the tenant to minimize impact during construction by designing a project that could be paved between flights. Exhibits and construction plans were shared with the tenant's operations staff and pilots and meetings were held to clearly communicate what the condition of the taxiway would be during construction and to confirm that the plan was acceptable. During construction, RS&H performed inspections of the construction site with the tenant prior to daily aircraft arrivals to verify that the conditions were safe. RS&H documented the site conditions with photographs and written reports that were provided to the tenant.
Delivery Method:	Design-Bid-Build
Value:	\$2.6M Construction
Completion Date:	11/2020
Location:	Stockton Metropolitan Airport, Stockton, California
Owner Contact:	Russell Stark, Director of Aviation, rstark@sjgov.org, 209-468-4409

#2 - Taxiway D Extension, Los Angeles International Airport

Scope of Work:	<i>Design Manager.</i> New east/west taxiway from Taxiway P to Taxiway AA. This project is a successor to the Taxiway P Project and a critical predecessor to the Airfield Improvement Program. It has been designed to 60% and is expected to be completed in February of 2022 under the current RS&H contract. The Taxiway D extension will allow for dual parallel taxiways to the north airfield, which will mitigate Group VI traffic during peak times of aircraft activity. The new section of the Taxiway D centerline will be located 298 feet parallel and south of the Taxiway E centerline, will be approximately 2,300 feet long, and will be 75 feet wide with 40-foot-wide shoulders. Two connector taxiways between Taxiway D and Taxiway E, Taxiway V and Taxiway W, and one connector taxilane between Taxiway D and the FedEx apron, Taxilane D14, will also be constructed. The taxiways/taxilanes will be fully lit with taxiway edge and centerline lights. Taxiway 3 and Taxiway 4 are aligned with the future north airfield exit taxiways in between Runway 6R-24L and Taxiway E, as approved by the FAA as part of the North Airfield Exit Taxiways PDB. Responsible for coordinating and overseeing the design.
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Political Environment:	Taxiway D Extension is important to LAX because the addition of north airfield dual parallel taxiway capability will significantly enhance airfield efficiency and is an essential precursor for the vast majority of LAWA's envisioned north airfield rehabilitation and improvements.
Stakeholder Interaction:	Taxiway D Extension impacts several existing tenant leaseholds. Meetings have been held with impacted stakeholders to mitigate impacts and effectively communicate the timing of the project. Constant communication, explanation of the overall program, and alternative solutions to mitigate tenant addressed most stakeholder concerns. Stakeholders include Airfield Operations, FAA, FAA Air Traffic Control, LAXFUEL, Southwest Airlines, LAWA Bus Operations, LAWA Maintenance, LAWA Commercial Development Group, LADWP, LADB&S, LABOE, and LAFD.
Delivery Method:	Design-Bid-Build
Value:	\$80M Construction (estimated)
Completion Date:	2/25/22 (anticipated); currently in design phase
Location:	Los Angeles International Airport, Los Angeles, California
Owner Contact:	Goran Lazarevic, Airports Engineer II, GLazarevic@lawa.org, 424-646-5870

#3 - GA Hangar Taxilanes Rehabilitation, Stockton Metropolitan Airport

Scope of Work:	<i>Project Manager.</i> Design, construction administration, and resident project representative services for full-depth reconstruction of approximately 50,000 square yards of asphalt pavement, subdrains, and surface drainage improvements including new inlets and storm pipes, and waterline removal and replacement. Nine construction phases to limit impact to tenants, ARFF station and the airport's single parallel taxiway. Responsible for design, bidding, and ongoing construction phase services.
Political Environment:	GA hangar tenants; ARFF; FAA tower, NAVAIDs, lighting; City of Stockton waterline replacement; San Joaquin County.
Stakeholder Interaction:	RS&H prepared presentations and participated in multiple meetings with tenants and the FAA to coordinate construction impacts and phasing. We also created a website to be used during construction to inform the tenants of the project status. During design initial construction potholing, RS&H coordinated with the FAA, AT&T, the City of Stockton, Montezuma Fire Department and San Joaquin County on underground electrical, communication, water lines and fire hydrants.
Delivery Method:	Design-Bid-Build
Value:	\$7.7M Construction (bid)
Completion Date:	Fall, 2022 (anticipated construction completion); construction currently suspended for winter.
Location:	Stockton Metropolitan Airport, Stockton, California
Owner Contact:	Russell Stark, Director of Aviation, rstark@sjgov.org, 209-468-4409



JOEL ERICSON PE

QUALITY MANAGEMENT

Firm Location:	RS&H Los Angeles, California
Credentials:	<p>Bachelor of Science, Civil Engineering, Rose-Hulman Institute of Technology</p> <p>Registered Engineer in two states</p> <p>American Association of Airport Executives Associate Director</p>
Tenure:	<1 Years RS&H 19 Years Total
Professional Qualifications:	<p>Joel has 19 years of experience in civil engineering, program management, and construction management on a wide variety of airport projects. He leads the design and construction administration of various aviation projects in Arizona and California. Joel has led multinational teams in the delivery of all stages of the project lifecycle, including planning, project scoping, design, construction, and handover to owners/operators. He is a proven leader committed to fostering a strong teamwork ethic in his projects and has experience coordinating multiple consultants, subject-matter-experts, contractors, and operational stakeholders to meet project quality, schedule, and budget targets.</p>
Capabilities:	<ul style="list-style-type: none"> » Knowledgeable in FAA and ICAO criteria across a broad range of airfield design and construction requirements. » Experienced with ground-surveillance and NAVAIDS delivery. » Hub experience at LAX, DFW, DEN, AUH, DXB, DOH, and IND.
Most Recent 3 Projects (detailed information on following page):	<ul style="list-style-type: none"> » Runway 11-29 Rehabilitation, San Luis Obispo County Regional Airport, California » Taxiway D Extension, Los Angeles International Airport, California » ASE DBB3 Design, Tucson International Airport, Arizona
Additional Project Experience:	<ul style="list-style-type: none"> » Airfield Ramp Efficiency Project, Dallas/Forth Worth International Airport, Texas – Senior Aviation Engineer » Taxiway 2 Reconstruction, Scottsdale Airport, Arizona – Project Manager/Engineer-of-Record » ALCMS and ASMGCS Upgrade, Abu Dhabi International Airport, United Arab Emirates – Senior Project Manager

**#1 - Runway 11-29 Rehabilitation, San Luis Obispo County Regional Airport**

Scope of Work:	<i>Project Manager.</i> Rehabilitation of the airport's only commercial-service runway. This project, for the County of San Luis Obispo, was performed as a Construction Manager at Risk (CMAR) and required significant phasing and operational coordination. Joel oversaw the development of preliminary design, the selection of the CMAR, final design, as well as GMP coordination with the CMAR and the County. His team performed the construction administration, managing the phasing and night closures to prevent interruption of commercial service.
Political Environment:	RWY 11-29 was in need of rehabilitation due to its age and the increase in commercial service that San Luis Obispo was experiencing. Coordination with the local FBO and the commercial service providers resulted in a preference for performing the rehabilitation during nighttime closures. A Construction Manager at Risk (CMAR) delivery method was chosen to allow the County to have construction phasing input throughout the design process. The CMAR contractor provided valuable input that allowed the County to better coordinated with stakeholders and allowed the design team to aid in contingency planning.
Stakeholder Interaction:	The CMAR delivery method involved significant coordination with the County Public Works department to develop and implement an appropriate procurement process. In addition, the FAA's was included in procurement discussions at an early stage to ensure advertisement and selection met grant-eligibility requirements. Once the CMAR was on board there was regular communication with all stakeholders including the FAA ADO, FAA Air Traffic Control, FAA Tech Ops, the local FBO, commercial service carriers, County Public Works, CalFire, and all fixed wing tenants/operators.
Delivery Method:	Construction Manager At Risk (CMAR)
Value:	\$12.6M Construction
Completion Date:	September 2021
Location:	San Luis Obispo County Regional Airport, San Luis Obispo, CA
Owner Contact:	Craig Piper; (805) 781-5205

#2 - Taxiway D Extension, Los Angeles International Airport

Scope of Work:	<i>Senior Aviation Engineer.</i> The Taxiway D extension, approximately 2,300 feet long and 75 feet wide, includes multiple connections to other taxiways, aprons, and taxilanes. Based on RS&H's knowledge of the upcoming FAA changes to the applicable design advisory circulars, the team was able to eliminate impacts to a key FedEx structure and facility. Joel is managing several components of the design as well as providing QA review.
Political Environment:	Taxiway D Extension is important to LAX because the addition of north airfield dual parallel taxiway capability will significantly enhance airfield efficiency and is an essential precursor for the vast majority of LAWA's envisioned north airfield rehabilitation and improvements.



Stakeholder Interaction:	Taxiway D Extension impacts several existing tenant leaseholds. Meetings have been held with impacted stakeholders to mitigate impacts and effectively communicate the timing of the project. Constant communication, explanation of the overall program, and alternative solutions to mitigate tenant addressed most stakeholder concerns. Stakeholders include Airfield Operations, FAA, FAA Air Traffic Control, LAXFUEL, Southwest Airlines, LAWA Bus Operations, LAWA Maintenance, LAWA Commercial Development Group, LADWP, LADB&S, LABOE, and LAFD.
Delivery Method:	Design-Bid-Build
Value:	\$80M Construction (estimated)
Completion Date:	2/25/22 (anticipated); currently in design phase
Location:	Los Angeles International Airport, Los Angeles, CA
Owner Contact:	Goran Lazarevic, Airports Engineer II, GLazarevic@lawa.org; 424-646-5870
#3 - ASE DBB3 Design, Tucson International Airport	
Scope of Work:	<i>Senior Aviation Engineer.</i> The project included displacing Runway 11L arrivals threshold including glideslope and Medium Intensity Approach Lighting System (MALSR); reconfiguring taxiway connectors connecting to Runway 11L-29R; associated drainage improvements; and installing multiple aircraft arresting systems for the Arizona Air National Guard (AANG). Joel is providing QA as well as assisting the Project Manager on this project.
Political Environment:	Tucson Airport Authority, in coordination with the FAA and their planning consultant, identified a number of safety improvements to the layout of their runways and taxiways. A multi-year program was developed to facilitate the changes in an ordered fashion that reduced the impacts to the operations. That program resulted in the following plan: two design-bid-build projects, followed by a Construction Manager at Risk (CMAR) project, and concluded with a final design-bid-build project. This project, DBB3, is the final design-bid-build project to realize the safety improvements at Tucson International Airport.
Stakeholder Interaction:	Tucson International Airport is served by multiple commercial service carriers and is also the base for the largest Air National Guard fighter unit. This combination of operations requires significant coordination throughout the program. In addition, the multiple projects are being managed by a program management consultant hired by the Authority. Stakeholder engagement involves the FAA, FAA Tech Ops, commercial service carriers, the Air National Guard, as well as multiple other consultants and contractors engaged in work for the program. Much of this engagement flows through the program management consultant.
Delivery Method:	Design-Bid-Build
Value:	\$47M Construction
Completion Date:	Final Design by Summer 2022
Location:	Tucson International Airport, Tucson, AZ
Owner Contact:	Victor Palma; (520) 573-4853



EVAN PFAHLER

TENANT AND STAKEHOLDER COORDINATION

Firm Location:	RS&H Los Angeles, California
Credentials:	Bachelor of Environmental Design, University of Colorado at Boulder, 1996
Tenure:	7 Years RS&H 22 Years Total
Professional Qualifications:	Evan has 22 years of experience managing and supporting airport planning projects, including master plans, system plans, site selection studies, and environmental planning studies. His technical expertise includes airfield planning, program and project implementation strategy planning, and alternatives analyses and planning in support of environmental analyses under both NEPA and CEQA. Evan is technically proficient in several aspects of airport facilities analysis including airfield geometry and apron planning, general aviation, operations, and airspace planning and analysis.
Capabilities:	<ul style="list-style-type: none"> » Runway Incursion Mitigation (RIM) analysis » Runway and taxiway geometry assessment, planning, and design » Airfield Geometry and aircraft operations analysis » FAA coordination – specific experience with VNY and FAA Los Angeles ADO » Analysis of and preparation of Modifications of Standards (MoS) for airfield projects where meeting FAA standards is not practicable
Most Recent 3 Projects (detailed information on following page):	<ul style="list-style-type: none"> » Master Plan: Ted Stevens Anchorage International Airport Master Plan » Master Plan: San Luis Obispo Airport » Rental Car Facility Assessment: Long Beach Airport
Additional Project Experience:	<ul style="list-style-type: none"> » VNY Taxiway B Project Justification – Preparation of Modifications of Standards (Task Manager) » VNY MWD Feeder Urgent Repair Project Runway Use Analysis (Task Manager) » LAX Taxiway P Project Definition Booklet (Project Manager)

**#1 - Master Plan Update, Ted Stevens Anchorage International Airport**

Scope of Work:	<i>Project Manager.</i> Evan is serving as project manager for this \$3.5M Master Plan Update overseeing all aspects of the project. The project will address rapidly increasing aircraft operations, passenger volumes, and cargo throughput. Key elements of the project are addressing balancing several tenant driven facility development projects, sufficient aircraft parking, airfield geometry and improvements to accommodate new, larger aircraft.
Political Environment:	The project management team works with airport staff, FAA, tenants, and community groups to provide project and program information, incorporate feedback, and address needs. The Airport is among the busiest cargo airports in the world with key international and domestic airlines tenants and global logistics companies that depend on dependable, round-the-clock airport operations.
Stakeholder Interaction:	The project management team must work with airport staff, FAA, tenants, and community groups to provide project and program information, incorporate feedback, and address needs. The Airport is among the busiest cargo airports in the world with key international and domestic airlines tenants and global logistics companies that depend on dependable, round-the-clock airport operations.
Delivery Method:	Consultant Project – Cost Plus Fixed Fee
Value:	\$3.5M Construction
Completion Date:	6/2023
Location:	Ted Stevens Anchorage International Airport, Anchorage, Alaska
Owner Contact:	Teri Lindseth, Deputy Director of Planning and Development, teri.lindseth@alaska.gov , (907) 266-2544

#2 - Master Plan Update, San Luis Obispo Airport

Scope of Work:	<i>Project Manager.</i> Evan is serving as project manager for this \$1.5M Master Plan Update overseeing all aspects of the project. The project is a comprehensive airport study with a focus on improvements to runway and taxiway infrastructure to meet current FAA design standards to accommodate aircraft fleet changes.
Political Environment:	The political environment at SBP includes a good working relationship with airport tenants and the community. While the airport retains a good relationship with FAA, their expectations for resolution of non-standard conditions must be carefully balanced against the difficulties of potential impacts to on-airport tenant facilities and off-airport property and business.
Stakeholder Interaction:	Airport tenants and FAA Western Pacific Region are key stakeholders. Airport tenants are engaged to inform alternative evaluation and to advise on the importance of operational continuity. FAA is engaged to review the forecast of aviation activity and airport layout plan update. There is considerable engagement with FAA to recognize the Airport's challenges in making substantial changes to infrastructure that impact on-airport tenant facilities as well as off airport property and public infrastructure including state highways.



EVAN PFAHLER | TENANT AND STAKEHOLDER COORDINATION
Projects Continued

Delivery Method:	Lump Sum Consultant Contract
Value:	\$1.5M Fee (approximate)
Completion Date:	2022 (Planning); currently in planning phase
Location:	San Luis Obispo County Regional Airport, San Luis Obispo, California
Owner Contact:	Courtney Johnson, Executive Director, comjohnson@co.slo.ca.us; (805) 781-5218

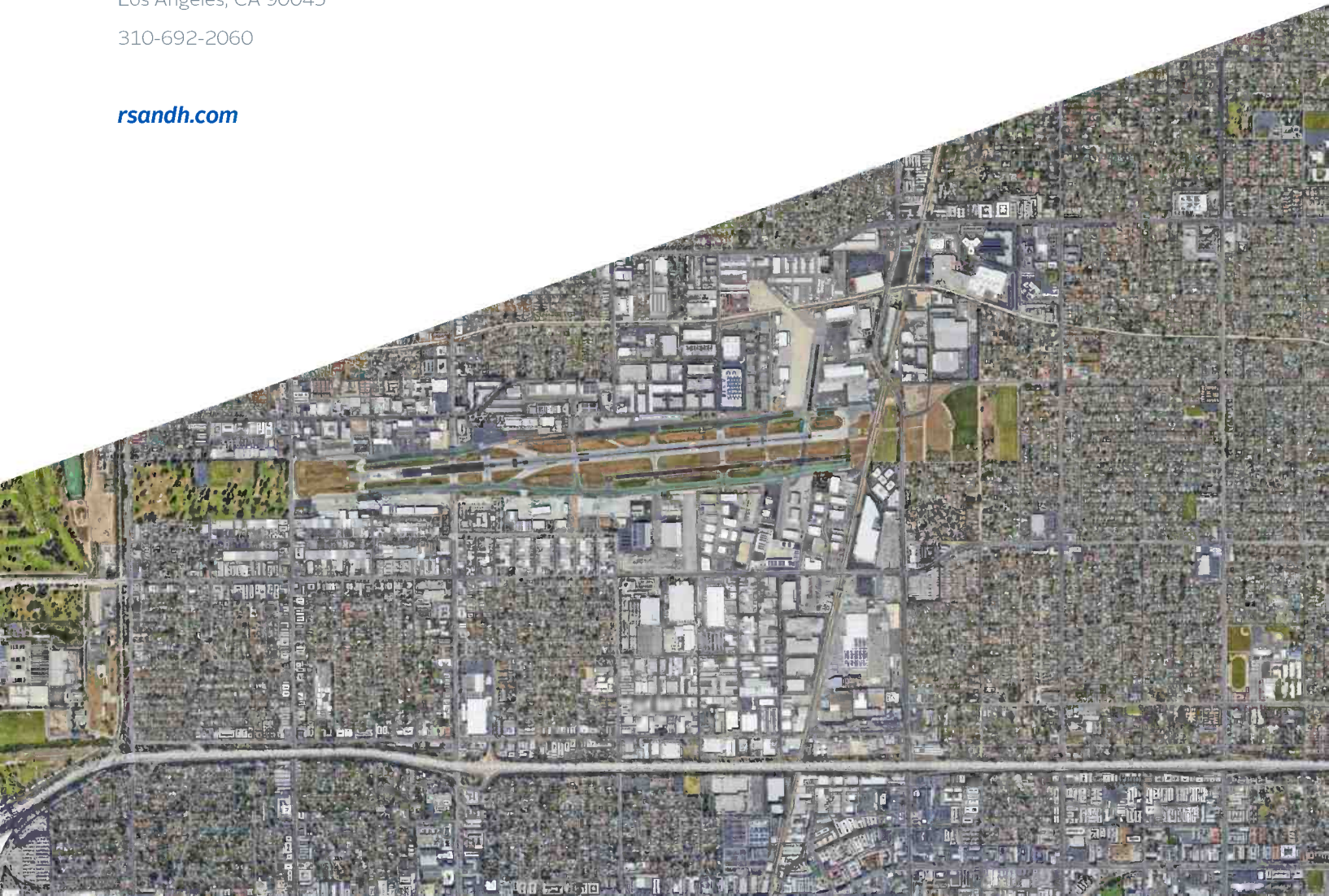
#3 - Rental Car Facility Study; Long Beach Airport

Scope of Work:	<i>Project Manager.</i> RS&H led an assessment of a previously developed rental car facility plan that would redevelop approximately 7.5 acres of airside land to meet future rental car needs. RS&H evaluated five alternative sites that would provide rental car facilities without impacts to key airside property.
Political Environment:	Long Beach Airport has seen extensive growth since Southwest Airlines initiated service within the past five years. However, the surrounding community and City of Long Beach of implemented operations restrictions that substantially limit growth as a mechanism to curb noise. Airport planning projects at Long Beach must carefully and thoughtfully consider potential community impacts to minimize additional traffic and noise impacts.
Stakeholder Interaction:	This project included engagement with several airport departments including engineering, planning, property, leasing, and executive management to assess and consider planning and land use that would meet the highest and best use of property and provide good customer service. Like VNY, Long Beach exists in a densely developed urban setting with little or no airport property available to accommodate new facilities. Each airport department was engaged to consider highest and best use of airport property and balance real estate needs against the high level of customer service resulting from having rental cars near the terminal.
Delivery Method:	Consultant Contract
Value:	\$85,000
Completion Date:	12/2021 (Planning); Completed
Location:	Long Beach Airport, Long Beach, California
Owner Contact:	Ryan Chan, Airports Engineer, ryan.chan@longbeach.gov; 562-449-1468



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rsandh.com



ATTACHMENT 3:

Contract

Exhibit A: Scope of Services

Exhibit B: Cost Reimbursable Guidelines

Exhibit C: First Source Hiring Program

Exhibit A: Scope of Services

The successful proposer shall provide described services during the development and design of construction plans and specifications, during the procurement process, as well as design support during construction, should a project be approved. Please note that LAWA has no obligation to build, finance, or approve any of the projects identified in this scope of services until all necessary environmental review is complete, and LAWA retains sole discretion to weigh the environmental and operational impacts of any and all of these projects and to reject them entirely. The scope for this RFP will include, but not be limited to:

- Evaluation of Project Definition Booklets (PDB) and providing alternatives and/or suggestions on phasing and implementation strategies
- Designing of runway, taxiway, taxilane, and other airfield improvements at VNY
- Designing runway, taxiway, and taxilane pavements, including islands and shoulders to meet FAA ADG III standards
- Designing the layout and use of airfield lighting, signage, and pavement markings
- Existing pavement condition assessments, including establishment of Pavement Condition Index (PCI) values
- Field surveys
- Geotechnical investigations and potholing
- Basis of Design Reports
- Coordinating designs with FAA and other agencies as necessary
- Coordinating with tenants, stakeholders, and others as necessary
- Supporting LAWA with community and stakeholder outreach and engagement, including preparation and delivery of presentations to stakeholders
- Coordinating designs to be in compliance with regulatory agencies having jurisdiction and submitting for Permit Plan Check(s) as needed, and assisting LAWA in preparation of procurement documents
- Full design services in compliance with all FAA Advisory Circulars
- Preparing Construction Safety and Phasing Plan (CSPP) for submission to FAA as necessary
- Supporting FAA Safety Management System (SMS) process as necessary
- Developing and preparing detailed construction schedules
- Determining, evaluating, and recommending construction phasing options, including identifying and mitigating impacts to runways, taxiways, taxilanes, as well as impacts to tenants and the airfield/airspace resulting from any potential runway shortening
- Preparing and providing detailed construction estimate
- Preparing a full set of Plans and Specifications, including construction phasing documents
- Providing engineering support during construction procurement period
- Providing construction administration support through construction and project closeout

The successful proposer will be working on various airfield pavement improvement projects at VNY. The project scopes for this RFP include, but are not be limited to:

- ◆ VNY Taxiway Reconstruction Project – LAWA intends to implement this project under contract with the successful proposer. It is anticipated that design will occur during the Federal Fiscal Year (FFY) 2022, and construction bids are anticipated to be received during Q1 of 2024. Construction is anticipated to take place from approximately Q3 2024 to Q4 2025. The components of this project are shown in the Figure 1 below, and are described as follows:
 - Taxiway C - Reconstruction and/or rehabilitation of approximately 18,500 SF of asphalt pavement, the construction of approximately 14,000 SF new taxiway shoulders, associated pavement marking work, and associated relocated and/or new taxiway edge lights, signage, and other electrical work.
 - Taxiway D - Reconstruction and/or rehabilitation of approximately 14,500 SF of asphalt pavement, construction of approximately 22,500 SF new asphalt shoulder pavement, associated pavement marking work, and associated relocated and/or new taxiway edge lights, signage, and other electrical work.
 - Taxiway E - Reconstruction and/or rehabilitation of approximately 32,500 SF of asphalt pavement, construction of approximately 15,400 SF of new asphalt shoulder pavement, associated pavement marking work, and associated relocated and/or new taxiway edge lights, signage, and other electrical work.
 - Taxiway F - Reconstruction and/or rehabilitation of approximately 25,400 SF of taxiway and approximately 17,400 SF of shoulder asphalt pavements, associated pavement marking work, and associated relocated and/or new taxiway edge lights, signage, and other electrical work.
 - Taxiway H - Reconstruction and/or rehabilitation of approximately 20,000 SF, construction of approximately 20,000 SF new asphalt shoulders, associated pavement marking work, and associated relocated and/or new taxiway edge lights, signage, and other electrical work.
 - Taxiway M - Reconstruction and/or rehabilitation of approximately 43,000 SF of taxiway and approximately 20,000 SF of shoulder asphalt pavements, associated pavement marking work, and associated relocated and/or new taxiway edge lights, signage, and other electrical work.
 - Taxiway N - Reconstruction and/or rehabilitation of approximately 26,000 SF of taxiway and approximately 13,500 SF of shoulder asphalt pavements, associated pavement marking work, and associated relocated and/or new taxiway edge lights, signage, and other electrical work.
 - Taxiway P - Reconstruction and/or rehabilitation of approximately 8,500 SF of taxiway and approximately 4,000 SF of shoulder asphalt pavement, associated pavement marking work, and associated relocated and/or new taxiway edge lights, signage, and other electrical work.
 - Taxiway Q - Reconstruction and/or rehabilitation of approximately 12,500 SF of taxiway and approximately 7,000 SF of shoulder asphalt pavements, associated pavement marking work, and associated relocated and/or new taxiway edge lights, signage, and other electrical work.



Figure 1 - VNY Taxiway Reconstruction Project Components

LAWA is currently working to obtain CEQA/NEPA environmental clearances for this project. The project component scopes require the appropriate CEQA/NEPA approvals and are subject to potential modifications.

◆ Future Potential Projects

As part of LAWA's Airport Capital Improvement Plan (ACIP), future pavement improvement projects may include Runways 16R/34L & 16L/34R Slurry Seals, Taxiways A & B Slurry Seals, and Taxiway A2 Rehabilitation, including lighting, signage, and pavement markings work associated with these scopes of work, and other emergency airfield work as needed. Other potential projects may include aprons, taxiways, and various airfield improvements. Some of these future projects are depicted in Figure 2 below. Please note that the project components identified in the exhibit below are subject to change based on LAWA's needs and at its discretion.



Figure 2 – Future Potential Airfield Improvement Projects

Exhibit B: Cost Reimbursable Guidelines

The Consultant shall be reimbursed for the following costs in accordance with City policy, subject to amendments, and the guidelines detailed below:

A. COMPENSATION FOR PERSONNEL

LAWA shall compensate the Prime Consultant and Sub-Consultant/Sub-Contractor for personnel costs based upon employees' LAWA-approved hourly rates and actual hours worked. Additionally, the Prime Consultant is allowed a mark-up, per the negotiated rates and fees for this contract, on first-tier Sub-Consultant/Sub-Contractor direct labor for the management of the Sub-Consultant/Sub-Contractor work.

1. Personnel Hourly Rate Calculation

- a) While directly engaged in the performance of this Contract on an Hourly basis, the Consultant shall be compensated for actual cost of base salaries and wages of professional, technical and support personnel in accordance with negotiated rates and fees, and as authorized via Task Orders.
- b) Base Hourly Rate is defined as either the employees' actual base yearly salary divided by 2,080 hours for salaried employees, or hourly wage rate for hourly employees. LAWA may, at its discretion, allow the use of a basis other than 2,080 hours for Consultants on a non-standard work year.
- c) The Multiplier for this contract is as negotiated
- d) The Multiplier for any Sub-Consultants/Sub-Contractors providing personnel services shall be based upon an audited Home/Field Office Overhead Rate or a negotiated Home/Field Office Overhead Rate, and must be approved in writing by LAWA prior to addition of said Sub-Consultant/Sub-Contractors to the contract.
- e) If at any time the LAWA Project Management team determines the need to use offsite staff on site, a *Field Office Overhead Rate* will be used.
- f) Time is the sum of actual hours and fractions thereof worked by each employee directly engaged in the performance of this Contract.
- g) The Billable Hourly Rate is the product of the LAWA negotiated and approved Base Hourly Rate and the Multiplier.

2. Hourly Rate Schedule and Overtime

- a) The not-to-exceed Maximum Reimbursable Hourly Rates for job classifications of employees directly engaged in performing Work under this Contract are as negotiated. The Job Classifications and Hourly Rates may not be changed without prior written approval of LAWA. The actual hourly rates to be applied to specific Consultant personnel must be pre-approved via a Task Order and/or Personnel Authorization. LAWA approval for adjusting the not-to-exceed Maximum Reimbursable Hourly Rate(s) shall not be unreasonably withheld if supported by actual hourly rates which are reflective of the current competitive market. Approved actual hourly rates may only be adjusted with prior LAWA approval and must be made in accordance with the Consultant's current approved salary plan. Prior written approval is required and is effective as of the date indicated on the Task Order. The Consultant shall fully document to LAWA's satisfaction that such proposed salaries are indeed reflective of the current competitive market.

- b) Any and all personnel and associated hourly rates must be approved, in advance, by LAWA. The Consultant shall submit to LAWA the employee's name, job classification, company, hourly rate (with supporting documents) and exempt or non-exempt status. The individual hourly rates may be re-negotiated for each additional contract year. However, in no event shall the hourly rate be increased by more than three percent (3%) per Contract year without prior written justification and approval by LAWA.
- c) LAWA's approval of additional personnel shall not entitle Consultant to any additional compensation beyond the limit established for the individual Task Order or herein.
- d) LAWA hereby relies upon the Consultant to properly designate its employees as exempt or non-exempt under the Fair Labor Standards Act. LAWA shall not reimburse Consultant for back pay, penalty or interest imposed by the Department of Labor in the event of a dispute regarding the improper designation of its employees.
- e) All overtime must be approved in advance by LAWA. In the event that overtime work is required by non-exempt employees whereby there is an associated premium cost, the overtime shall be compensated as defined by the Fair Labor Standard Act. The premium OT compensation shall be computed as follows:

<u>Regular Hourly Rate Portion of Work</u>	<u>Premium Portion</u>	<u>OT Hourly Rate</u>
[(Base hourly rate) x (Multiplier)]	+ [(Base hourly rate x 0.5) x (1 + Profit%)]	

- f) Personnel time incurred with travel shall not be compensable beyond a normal workday.

B. REIMBURSABLE TRAVEL EXPENSES

It is the policy of LAWA to allow for the reimbursement of Consultant/Contractor relocation and travel expenses, in accordance with City policy, when it is determined that such reimbursement assists in the furtherance of official city business goals and/or increases revenue for LAWA. Official city business is constituted as and shall demonstrate:

- (1) *A valid City interest to be served or gained thereby;*
- (2) *Relevance to the City operations or the individual's role in such operations;*
- (3) *The promotion or development of City programs, methods or administration; or*
- (4) *Compliance with instructions or authorization of the Mayor or the City Council.*

It is expected that in each instance the Consultant/Contractor will only incur expenses that a reasonable and prudent person would incur if traveling on personal business.

Prior written approval by LAWA is required as designated in the contract language. It is expected that before such authorization is granted, due consideration shall be given to such factors as suitability, level of seniority in the field of expertise, specialty discipline, and nature of the business involved.

For travel to locations other than LAX, prior written authorization is required and reimbursement of expenses shall be computed based upon City policy, subject to amendments, and all conditions as noted herein will apply. Only those Consultants specifically authorized by LAWA may submit travel expenses for reimbursement.

1. Travel Expenses Reimbursement Methodologies

a) Travel Related Reimbursement Factor

This methodology shall be applied when the frequency of travel is known and forecasting

of expenditures can be made with a certain level of predictability. Utilizing this methodology, LAWA may negotiate a travel-related reimbursement factor. This factor must be authorized by LAWA and detailed in a Task Order or Travel Authorization, as designated in the contract language. The authorizing document shall specify the time period for which this approval is granted. LAWA reserves the right to periodically review and adjust the travel related reimbursement factor.

Under this methodology, LAWA will not require submission of actual receipts for the reimbursement factor but will require verification of travel status in the form of airfare or transit receipts, or lodging receipt/lease agreement.

b) Actual Costs for Airfare/Transit Expenses plus Not-to-Exceed Per Diem

In cases where Consultant travel is required for a limited duration, LAWA may authorize a Consultant to receive reimbursement of airfare and transportation expenses plus a not-to-exceed per diem to cover lodging, meals and incidental expenses for one full day. With the exception of meals which will be covered via a meal allowance, all other travel-related expenses shall be based upon submission of actual receipts.

i. Air Travel

Official travel shall be by the most direct routing and Consultant air travel expenses are allowable only for the lowest regular fare available for regularly scheduled airlines for the date and time selected. LAWA will reimburse for the price of a coach class, unrestricted ticket. When possible, economy or special fares are to be used. Consultants, when possible, should make every effort to make the reservation well in advance to be able to get the best price possible. Approved Air Travel must be supported by legible copies of airline tickets. Electronic tickets and boarding passes are acceptable. LAWA shall only reimburse for reservation change fees when the schedule change was requested by LAWA and is supported by documentation confirming LAWA's direction of schedule change. Comfort items such as paying for exit row seats or service upgrades are not allowable. In cases where the traveler is charged for the first checked bag, the City will reimburse for this fee. Baggage fees for additional items will not be automatically reimbursed unless a justification for a business need is provided. Checked baggage fees are considered a separate reimbursement expense and are not included as part of the per diem.

ii. Ground Transportation

For consultants approved on travel status, the least expensive and most practical form of public transportation shall continue to be reimbursed taking into consideration such factors as time and availability. Ground transportation is defined as travel from home to airport and back, and from airport to LAWA business location and back.

i) Local Transportation - Local transportation costs incurred by Consultant while in travel status will be reimbursed as follows:

- Taxi/limousine/bus - Reimbursable at actual cost.
- Rental Automobiles - Because of their cost, rental automobiles shall be used only when their use will affect a savings or other advantage, or when the use of other transportation is not feasible. Rental automobiles should be limited to compact models when available. A legible copy of the automobile rental agreement is required. Rental of other than compact automobiles is allowable when compacts are not available or if more than two staff members are in the travel status. All rental cars will be returned with a full tank of gas when

possible. Fuel charges will be reimbursed at the market price. Unreasonable or excessive fuel charges by the rental car agency may not be reimbursed.

- Private Automobile - Use of private or Consultant owned or leased automobiles will be reimbursed at the rate permitted under the Internal Revenue Service published rates as applicable to such costs. Prior written approval by LAWA is required before any private automobile will be allowable for reimbursement.
- Tolls and parking charges - for use of ferries, roads, bridges, and tunnels while traveling to and from commercial carriers and parking charges at origination/destination are reimbursable at cost.

ii) Local Travel - Travel to and from the Site for Home Office Staff who are located in any of the Consultant's office locations in the Los Angeles Vicinity is not reimbursable without prior written approval by LAWA.

iii. Not-to-Exceed Per Diem

The not-to-exceed per diem rate will be applied as a meal allowance, in accordance with the limits established by the City Controller, plus actual costs for lodging and incidentals. The combined total amount of the meal allowance, lodging and incidental costs shall be in accordance with City policy.

Covered Expenses:

- Lodging to include hotel/motel or corporate housing
- Meal allowance which covers meals, including gratuity
- Incidental expenses which includes:
- Fees and tips given to porters, baggage carriers, bellhops, hotel maids/servants, stewards or stewardesses, and others

2. Lodging/Meals Guidelines

A per diem may be used to reimburse Consultant for overnight accommodations and meals when in travel status on behalf of LAWA as outlined in the City's travel policy and amended from time to time. If Consultant's internal policy is a lower rate, the lower rate will be used. The per diem rate will be applied as a meal allowance, in accordance with the limits established by the City Controller, plus actual costs for lodging and incidental expenses. Receipts are required for lodging and incidental expenses and will be reimbursed in accordance with City policy. As the per diem is periodically updated by the CAO, reimbursement shall be made based upon the per diem rate published at the time expenses are incurred. In the selection of restaurants and lodging, it is expected that individuals will seek moderately priced establishments of acceptable quality. The Consultant must consider transportation costs, time, and other relevant factors in selecting the most economical and practical accommodations. Consultants will be required to select a hotel/motel within the City of Los Angeles limits. In cases where rates have been negotiated with the hotel properties surrounding its airports, LAWA will make this listing available for the Consultant's consideration. Approval of the properties not on the negotiated list will be evaluated based upon competitive rates. Lodging expenses will be reimbursed only at the single occupancy rate.

For traveling employees assigned to the Site on a regular basis, the Consultant may utilize internal policies, such as use corporate apartments, to determine the most cost effective lodging. Prior to leasing or procuring such lodging, the Consultant shall perform a lease versus per diem analysis and provide to LAWA for review and concurrence.

1. Incidental expenses – The per diem rate includes incidental expenses.
2. Expenses above the per diem rate shall not be reimbursed even if supported by receipts.
3. Meal and incidental allowance will be prorated at 75% of the daily allowance as follows: (Prorating of meal and incidental allowance is specified under IRS Publication 463.)
 - On travel days regardless of departure and/or arrival times;
 - When a meal is provided as part of the conference;
 - For travel under the “50-mile” rule exceptions with overnight lodging and pre-approval

Note: No meal allowance will be provided when meals are provided throughout the day by the host or as part of a conference.
4. Meal receipts do not have to be presented to receive the meal allowance per day of business travel except for travel on grant funded projects where the grantor requires complete documentation of travel expenses.
5. Gratuities are limited to no more than 15% and are included as part of the Meal Allowance. There will be no additional reimbursement for gratuities.
6. For international travel, meal and incidental allowances will be provided according to City policy.
3. Non-Reimbursable Travel Costs (Including but not limited to:)
 1. Non-economy class airfare
 2. Non-compact vehicle rental
 3. Air flight insurance
 4. Expense of any insurance offered by the auto rental company such as Collision Damage Waiver, Personal Accident Insurance, Liability Insurance Supplement, Personal Effects Coverage, Supplemental Liability Protection, etc. in connection with a rented vehicle.
 5. Auto repairs, replacement or towage to personal vehicle when such use has been authorized.
 6. Valet parking when self parking is available.
 7. Expenses above the meal allowance shall not be reimbursed even if supported by receipts.
 8. Meals and incidental expenses in excess of the set domestic stipend or international federal per diem rate will not be reimbursed.
 9. Reimbursements for LAWA employee’s meals are not allowable, except in accordance with City policy.
 10. Alcoholic beverages.
 11. Expenses incurred by a dependent or other person accompanying the Consultant employee on an official business trip are not allowable. Bills indicating multiple occupants are to be adjusted to single occupancy rate and disallowed unless disclosure is made indicating reason, names, and dates.
 12. Expenses of a purely personal nature.

4. Other Allowable Direct Costs while on travel-status

1. Telephone - Actual cost of business telephone charges, subject to the limits on E-Mobile charges described below, incurred by Consultant while in travel status is reimbursable. Personal telephone charges are not allowable.
2. E-Mobile Communication Devices - Unnecessary and/or unreasonable charges such as roaming fees, except roaming fees incurred while in approved travel status, roadside assistance, home distance, text messaging or any other such feature that is not essential to the individuals job function will not be reimbursed. LAWA reserves the right to limit the number of individuals allowed to bill to mobile communication devices. LAWA will not reimburse for personal calls.

C. OTHER REIMBURSABLE EXPENSES

1. Supplies, materials and equipment - At actual cost for items used directly in the furtherance of work and supported by receipts on all individual items. Any equipment, copiers, computer software, intellectual property licenses or any other non-consumable supplies (collectively, "Equipment") purchased or licensed by Consultant for use at the Site and reimbursed by LAWA, shall be LAWA's and title therefore shall vest in LAWA upon such purchase or license. Equipment may also be leased if determined to be cost effective. The Consultant shall provide a lease versus purchase analysis for such proposed leased Equipment. If Equipment is currently owned by the Consultant, it may be leased for exclusive use at the Site and on the Project and reimbursed by LAWA at a fair market rate. No such Equipment may be purchased, leased or licensed without the prior written approval of LAWA.
2. Reproduction - At actual cost of outside reproduction of material and documents required in the furtherance of work.
3. Computer Services - Computers, peripherals and software that are deemed to be standard equipment used in the course of business and as such, shall not receive reimbursement, unless specifically authorized by LAWA.
4. E-Mobile and other Communication Devices - At actual cost for acquisition all devices combined such as cell phones, pagers, radios, etc. in an amount not to exceed \$100 per authorized individual. (Job site radio systems are not included in this limit.) The purchase of all devices to be reimbursed must be pre-approved by LAWA in writing with the device cost and model itemized and the device shall become LAWA's property upon project completion. Service charges for devices are reimbursable, except unnecessary and/or unreasonable charges such as roaming fees (except roaming fees incurred while in approved travel status), roadside assistance, home long distance, text messaging or any other such feature that are not essential to the individuals job function which will not be reimbursed. The City reserves the right to limit the number of individuals allowed to bill for mobile communication devices.
5. Vehicle and Equipment Costs - Prior to leasing/purchasing major equipment, trailers and/or vehicles, the Consultant shall perform a lease versus purchase analysis. If the job vehicle is currently owned by the Consultant parent company, it may be leased for exclusive use at the Site and on the Project and reimbursed by LAWA at a fair market/comparable lease rate. The analysis shall be approved by LAWA prior to leasing and/or purchasing major equipment and vehicles. Job vehicles and vehicles for Key Personnel will be reimbursed at actual leased cost as long as such lease cost is

reasonable. Repairs related to normal wear and tear for such vehicles will be reimbursed at actual cost as long as such costs are reasonable. Reimbursement will not be made for repairs related to abuse or neglect by the Consultant nor will repairs related to items covered by insurance be reimbursed. Task Orders will be reimbursed via a wet lease rate when the Task Order so specifies. This rate will cover all cost related to the operation of the vehicle, which includes but is not limited to the lease, insurance, gasoline, maintenance, and repairs.

6. Training and Seminar Costs - Training and seminar costs for Consultant employees may be reimbursed only if such training or seminar directly benefits the City, and has been approved by LAWA in advance.
7. Office Expenses - Reimbursement for office expenses not covered in the overhead shall be made for the actual costs for purchases, rent, utilities, permit fees, license fees, taxes, if any, improvements to leased office space, electrical or telephone installation or rearranging, security and janitorial services, office supplies or any other costs or expenses related to such rented, purchased or leased facility and required by Consultant in performance of its Services as well as any non-labor costs expended by the Consultant. Office communication expenses include reimbursement of actual cost for long distance telephone services. Express mail or other forms of communication used on a day to day, ordinary course basis are reimbursable. Mass mailings that are approved in advance in writing by LAWA are a reimbursable cost. Cost for bottled drinking water and coffee at the field office is not reimbursable.
8. Business Meeting Expenses – Subject to LAWA prior approval, reimbursement for business meeting expenses on behalf of LAWA shall be made at actual cost and supported by receipts. A list of attendees and subject of meeting will be required.
9. Other costs that are not included in or covered by the Consultant's Overhead Rate - At actual cost for items used directly in the furtherance of work, subject to the prior written approval of LAWA, and supported by receipts.

D. COSTS NOT REIMBURSABLE

Include charges for entertainment, non-economy class airfare, bidding and proposal costs associated with obtaining the Contract, contributions, personal telephone charges, dues and subscriptions, alcoholic beverages, expenses for transportation for personal pursuits, gifts, gratuities greater than 15%, microwaves and refrigerators, bottled water, lunches, paper plates, cups, coffee, creamer, wipes and hand sanitizer, and other charges expressly disallowed under the terms of this Contract. Extraordinary expenses require prior LAWA approval.

E. CONSULTANT'S SUBCONSULTANTS

Consultant Sub-Consultants shall follow the reimbursable expense guidelines set forth for Consultant herein.

Exhibit C: First Source Hiring Program

FIRST SOURCE HIRING PROGRAM FOR AIRPORT EMPLOYEES

I. **Purpose.** The purpose of this First Source Hiring Program is to facilitate the employment of Targeted Applicants by Airport Employers. It is a goal of this First Source Hiring Program that this Program benefit Airport Employers by providing a pool of qualified job applicants through a non-exclusive referral system.

II. **Definitions.** As used in this Program, the following capitalized terms shall have the following meanings. All definitions include both the singular and plural form.

"Airport" shall mean Los Angeles International Airport.

"Airport Employer" shall mean a party that, through a contract, lease, licensing arrangement, or other arrangement, agrees to comply with this First Source Hiring Program with regard to Airport Jobs. Operators of transportation charter party limousines, non-tenant shuttles, and taxis shall not be considered Airport Employers.

"Airport Job" shall mean a job that either (i) is performed On-Site, or (ii) is directly related to a contract, lease, licensing arrangement, or other arrangement under which the employer is an Airport Employer. Positions for which City's Worker Retention Policy requires hiring of particular individuals shall not constitute Airport Jobs for purposes of this Program.

"City" shall mean the City of Los Angeles.

"Coalition" shall mean the LAX Coalition for Economic, Environmental, and Educational Justice, an unincorporated association comprised exclusively of the following organizations: AGENDA; AME Minister's Alliance; Clergy and Laity United for Economic Justice; Coalition for Clean Air; Communities for a Better Environment; Community Coalition; Community Coalition for Change; Environmental Defense; Inglewood Coalition for Drug and Violence Prevention; Inglewood Democratic Club; Lennox Coordinating Council; Los Angeles Alliance for a New Economy; Los Angeles Council of Churches; Nation of Islam; Natural Resources Defense Council; Physicians for Social Responsibility; Los Angeles; Service Employees International Union Local 347; and Teamsters Local 911.

"Coalition Representative" shall mean the following: The Coalition shall designate one individual as the "Coalition Representative" authorized to speak or act on behalf of the Coalition for all purposes under the Cooperation Agreement. The Coalition Representative may designate one or more assistants to assist the Coalition Representative in speaking or acting on behalf of the Coalition with respect to any specific program or activity or any other matter. The Coalition shall provide LAWA with contact information for the Coalition Representative upon request.

"Cooperation Agreement" shall mean the Cooperation Agreement between LAWA and the LAX Coalition for Economic, Environmental and Educational Justice.

"LAWA" shall mean Los Angeles World Airports.

"Low-Income Individual" shall mean an individual whose household income is no greater than 80% of the median income, adjusted for household size, for the Primary Metropolitan Statistical Area.

"On-Site" shall mean physically located on property owned or leased by LAWA and pertaining to Airport.

"Program" shall mean this First Source Hiring Program.

"Project Impact Area" shall have the meaning set forth in the "Final Environmental Impact Report" for the LAX Master Plan Program, dated April 2004, as supplemented by one or more EIR Addenda prior to certification of the EIR by the City Council.

"Referral System" shall mean the referral system established to provide applicant referrals for the Program.

"Special Needs Individuals" shall mean: (i) individuals who receive or have received public assistance through the [Temporary Assistance for Needy Families Program], within the past 24 months; (ii) individuals who are homeless; (iii) ex-offenders, (iv) chronically unemployed, and (v) dislocated airport workers.

"Targeted Applicants" shall have the meaning set forth in Section IV below.

III. **Coverage.** This Program shall apply to hiring by Airport Employers for all Airport Jobs, except for jobs for which the hiring procedures are governed by a collective bargaining contract that conflicts with this Program.

IV. **Targeted Applicants.** Referrals under the Program shall, to the extent permissible by law, be made in the order of priority set forth below.

- ☐ First Priority: Low-Income Individuals living in the Project Impact Area for at least one year and Special Needs Individuals; and
- ☐ Second Priority: Low-Income Individuals residing in City.

V. **Initial Airport Employer Roles.**

- A. Liaison. Each Airport Employer shall designate a liaison for issues related to the Program. The liaison shall work with LAWA, the Coalition Representative, the Referral System provider, and relevant public officials to facilitate effective implementation of this Program.
- B. Long-Range Planning. Any entity that becomes an Airport Employer at least two (2) months prior to commencing operations related to Airport shall, at least two months prior to commencing operations related to Airport, provide to the Referral System the approximate number and type of Airport Jobs that it will fill and the basic qualifications necessary.

VI. **Airport Employer Hiring Process.**

- A. Notification of Job Opportunities. Prior to hiring for any Airport Job, an Airport Employer shall notify the Referral System, by e-mail or fax, of available job openings and provide a description of job responsibilities and qualifications, including expectations, salary, work schedule, duration of employment, required standard of appearance, and any special requirements (e.g., language skills, driver's license, etc.). Job qualifications shall be limited to skills directly related to performance of job duties.
- B. Referrals. After receiving a notification under Section VI.A above, the Referral System shall within five days, or longer time frame agreed to by the Referral System and Airport Employer, refer to the Airport Employer one or more Targeted Applicants who meet the Airport Employer's qualifications.

C. Hiring.

1. New Employer Targeted Hiring Period. When making initial hires for the commencement of an Airport Employer's operations related to Airport, the Airport Employer shall consider and hire only Targeted Applicants for a two week period following provision of the notification described in Section VI.A. After this period, the Airport Employer shall make good-faith efforts to hire Targeted Applicants, but may consider and hire applicants referred or recruited through any source.
2. Established Employer Targeted Hiring Period. When making hires after the commencement of operations related to Airport, an Airport Employer shall consider and hire only Targeted Applicants for a five-day period following provision of the notification described in Section VI.A. After this period, the Airport Employer shall make good-faith efforts to hire Targeted Applicants, but may consider and hire applicants referred or recruited through any source.
3. Hiring Procedure During Targeted Hiring Periods. During the periods described in Sections VI.C.1 and VI.C.2 above, Airport Employers may hire Targeted Applicants recruited or referred through any source. During such periods Airport Employers shall use normal hiring practices, including interviews, to consider all applicants referred by the Referral System.
4. No Referral Fees. No Airport Employer or referred job candidate shall be required to pay any fee, cost or expense of the Referral System or this Program in connection with referrals.

VIII. Reporting and Recordkeeping.

- A. Reports. During the time that this Program is applicable to any Airport Employer, that Airport Employer shall, on a quarterly basis, notify the Referral System of the number, by job classification, of Targeted Applicants hired by the Airport Employer during that quarter, and the total number of employees hired by the Airport Employer for Airport Jobs during that quarter. Any Airport Employer who has not had hiring activity for the quarter, shall also notify the Referral System of such inactivity.
- B. Recordkeeping. During the time that this Program is applicable to any Airport Employer, that Airport Employer shall retain records sufficient for monitoring of compliance with this Program with regard to each Airport Job, including records of notifications sent to the Referral System, referrals from the Referral System, job applications received from any source, number of Targeted Applicants hired, and total number of employees hired for Airport Jobs. To the extent allowed by law, and upon reasonable notice, these records shall be made available to LAWA and to the Referral System for inspection upon request. The Coalition Representative may request that LAWA provide such records at any time. Records may be redacted so that individuals are not identified by name and so that information required by law to remain confidential is excluded.
- C. Complaints. If LAWA, the Coalition, or the Referral System believes that an Airport Employer is not complying with this Program, then the designated LAWA office shall be notified to ensure compliance with this program.

- D. Liquidated Damages. Each Airport Employer agrees to pay to LAWA liquidated damages in the amount of One Thousand Dollars (\$1,000) where LAWA finds that the Airport Employer has violated this Program with regard to hiring for a particular Airport Job. LAWA shall establish procedures providing to Airport Employers notice and an opportunity to present all relevant evidence prior to LAWA's final determination regarding an alleged violation. This liquidated damages provision does not preclude LAWA from obtaining any other form of available relief to ensure compliance with this Program, including injunctive relief.

IX. Miscellaneous.

- A. Compliance with State and Federal Law. This Program shall be implemented only to the extent that it is consistent with the laws of the State of California and the United States. If any provision of this Program is held by a court of law to be in conflict with state or federal law, the applicable law shall prevail over the terms of this Program, and the conflicting provisions of this Program shall not be enforceable.
- B. Severability Clause. If any term, provision, covenant or condition of this Program is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remainder of the provisions shall continue in full force and effect.
- C. Binding on Successors. This Program shall be binding upon and inure to the benefit of the successors in interest, transferees, assigns, present and future partners, subsidiary corporations, affiliates, agents, representatives, heirs, and administrators of any party that has committed to comply with it. Any reference in this Program to a party shall be deemed to apply to any successor in interest, transferee, assign, present or future partner, subsidiary corporation, affiliate, agent, representative, heir or administrator of such party; provided, however, that any assignment, transfer or encumbrance of a lease agreement, permit or contract in which this Program is incorporated shall only be made in strict compliance with the terms of such lease agreement, permit or contract and the foregoing shall not constitute consent to any such assignment, transfer or encumbrance.
- D. Lease Agreements and Contracts. Airport Employers shall not execute any sublease agreement or other contract under which Airport Jobs may occur directly or indirectly, unless the entirety of this Program is included as a material term thereof, binding on all parties.
- E. Assurance Regarding Preexisting Contracts. Each Airport Employer warrants and represents that as of the date of execution of this Program, it has executed no sublease agreement or other contract that would violate any provision of this Program had it been executed after the date of incorporation of this Program into a binding contract.
- F. Intended Beneficiaries. LAWA, the Coalition, and the Referral System are intended third-party beneficiaries of contracts and other agreements that incorporate this Program with regard to the terms and provisions of this Program. However, the parties recognize that only LAWA has the sole responsibility to enforce the provisions of this Program.
- G. Material Terms. All provisions of this Program shall be material terms of any lease agreement or contract in which it is incorporated.

- H. Effective Date. Section VI of this Program shall become effective on the effective date of the contract or agreement into which it is incorporated.
- I. Construction. Any party incorporating this Program into a binding contract has had the opportunity to be advised by counsel with regard to this Program. Accordingly, this Program shall not be strictly construed against any party, and the rule of construction that any ambiguities be resolved against the drafting party shall not apply to this Program.
- J. Entire Contract. This Program contains the entire agreement between the parties on the subjects described herein, and supersedes any prior agreements, whether written or oral. This Program may not be altered, amended or modified except by an instrument in writing signed in writing by all parties to the contract in which it is incorporated.

ATTACHMENT 4

Federal Requirements

FEDERAL REQUIREMENTS

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FR - 3	Breach of Contract
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FEDERAL REQUIREMENT: FR-1**ACCESS TO RECORDS AND REPORTS**

2 CFR § 200.333, 2 CFR § 200.336, FAA Order 5100.38

The Contractor must maintain an acceptable cost accounting system. The Contractor agrees to provide the Sponsor, the Federal Aviation Administration and the Comptroller General of the United States or any of their duly authorized representatives access to any books, documents, papers and records of the Contractor which are directly pertinent to the specific contract for the purpose of making audit, examination, excerpts and transcriptions. The Contractor agrees to maintain all books, records and reports required under this contract for a period of not less than three years after final payment is made and all pending matters are closed.

This provision must be included in all contracts and subcontracts.

FEDERAL REQUIREMENT: FR-3**BREACH OF CONTRACT**

2 CFR § 200 Appendix II(A)

Any violation or breach of terms of this contract on the part of the Consultant or its subcontractors may result in the suspension or termination of this contract or such other action that may be necessary to enforce the rights of the parties of this agreement.

Owner will provide Consultant written notice that describes the nature of the breach and corrective actions the Consultant must undertake in order to avoid termination of the contract. Owner reserves the right to withhold payments to Contractor until such time the Contractor corrects the breach or the Owner elects to terminate the contract. The Owner's notice will identify a specific date by which the Consultant must correct the breach. Owner may proceed with termination of the contract if the Consultant fails to correct the breach by the deadline indicated in the Owner's notice.

The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder are in addition to, and not a limitation of, any duties, obligations, rights and remedies otherwise imposed or available by law.

FEDERAL REQUIREMENT: FR-5**CIVIL RIGHTS - GENERAL**

49 USC § 47123

The Contractor agrees to comply with pertinent statutes, Executive Orders and such rules as are promulgated to ensure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance.

This provision binds the Contractor and subcontractors from the bid solicitation period through the completion of the contract. This provision is in addition to that required by Title VI of the Civil Rights Act of 1964.

FEDERAL REQUIREMENT: FR-6**CIVIL RIGHTS - TITLE VI ASSURANCES**

49 USC § 47123, FAA Order 1400.11

The City of Los Angeles, Los Angeles World Airports, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 USC §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders or offerors that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor"), agrees as follows:

1. **Compliance with Regulations:** The Contractor (hereinafter includes consultants) will comply with the Title VI List of Pertinent Nondiscrimination Acts and Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Nondiscrimination:** The Contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.
3. **Solicitations for Subcontracts, including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the Contractor of the contractor's obligations under this contract and the Nondiscrimination Acts and Authorities on the grounds of race, color, or national origin.
4. **Information and Reports:** The Contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the sponsor or the Federal Aviation Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts and Authorities and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the Contractor will so certify to the sponsor or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of a Contractor's noncompliance with the non-discrimination provisions of this contract, the sponsor will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:
 - a. Withholding payments to the Contractor under the contract until the Contractor complies; and/or
 - b. Cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The Contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of

equipment, unless exempt by the Acts, the Regulations, and directives issued pursuant thereto. The Contractor will take action with respect to any subcontract or procurement as the sponsor or the Federal Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the Contractor may request the sponsor to enter into any litigation to protect the interests of the sponsor. In addition, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

Title VI List of Pertinent Nondiscrimination Acts and Authorities

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 USC § 2000d et seq., 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR part 21 (Non-discrimination in Federally-assisted programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964);
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 USC § 4601) (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973 (29 USC § 794 et seq.), as amended (prohibits discrimination on the basis of disability); and 49 CFR part 27;
- The Age Discrimination Act of 1975, as amended (42 USC § 6101 et seq.) (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982 (49 USC § 471, Section 47123), as amended (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987 (PL 100-209) (broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 USC §§ 12131 – 12189) as implemented by U.S. Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration's Nondiscrimination statute (49 USC § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;

- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 USC 1681 et seq).

FEDERAL REQUIREMENT: FR-7**CLEAN AIR/WATER POLLUTION CONTROL**

2 CFR § 200, Appendix II(G)

Contractor agrees to comply with all applicable standards, orders, and regulations issued pursuant to the Clean Air Act (42 USC § 740-7671q) and the Federal Water Pollution Control Act as amended (33 USC § 1251-1387). The Contractor agrees to report any violation to the Owner immediately upon discovery. The Owner assumes responsibility for notifying the Environmental Protection Agency (EPA) and the Federal Aviation Administration.

Contractor must include this requirement in all subcontracts that exceeds \$150,000.

FEDERAL REQUIREMENT: FR-11

DEBARMENT AND SUSPENSION

2 CFR part 180 (Subpart C), 2 CFR part 1200, DOT Order 4200.5

CERTIFICATION OF OFFERER/BIDDER REGARDING DEBARMENT

By submitting a bid/proposal under this solicitation, the bidder or offeror certifies that neither it nor its principals are presently debarred or suspended by any Federal department or agency from participation in this transaction.

CERTIFICATION OF LOWER TIER CONTRACTORS REGARDING DEBARMENT

The successful bidder, by administering each lower tier subcontract that exceeds \$25,000 as a “covered transaction”, must verify each lower tier participant of a “covered transaction” under the project is not presently debarred or otherwise disqualified from participation in this federally assisted project. The successful bidder will accomplish this by:

1. Checking the System for Award Management at website: <https://sam.gov/SAM>
2. Collecting a certification statement similar to the Certification of Offerer /Bidder Regarding Debarment, above.
3. Inserting a clause or condition in the covered transaction with the lower tier contract.

If the Federal Aviation Administration later determines that a lower tier participant failed to disclose to a higher tier participant that it was excluded or disqualified at the time it entered the covered transaction, the FAA may pursue any available remedies, including suspension and debarment of the non-compliant participant.

This requirement applies to covered transactions, which are defined in 2 CFR part 180. AIP funded contracts are non-procurement transactions, as defined by §180.970. Covered transactions include any AIP-funded contract, regardless of tier, that is awarded by a contractor, subcontractor, supplier, consultant, or its agent or representative in any transaction, if the amount of the contract is expected to equal or exceed \$25,000.

FEDERAL REQUIREMENT: FR-12

DISADVANTAGED BUSINESS ENTERPRISE

49 CFR part 26

The requirements of 49 CFR part 26 apply to this contract. It is the policy of the City of Los Angeles, Los Angeles World Airports to practice nondiscrimination based on race, color, sex, or national origin in the award or performance of this contract. The Owner encourages participation by all firms qualifying under this solicitation regardless of business size or ownership.

Contract Assurance (§ 26.13): The Contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of Department of Transportation-assisted contracts. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the Owner deems appropriate, which may include, but is not limited to:

1. Withholding monthly progress payments
2. Assessing sanctions
3. Liquidated damages; and/or
4. Disqualifying the Contractor from future bidding as non-responsible

Prompt Payment (§26.29): The prime contractor agrees to pay each subcontractor under this prime contract for satisfactory performance of its contract no later than seven days from the receipt of each payment the prime contractor receives from City of Los Angeles, Los Angeles World Airports. The prime contractor agrees further to return retainage payments to each subcontractor within seven days after the subcontractor's work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the City of Los Angeles, Los Angeles World Airports. This clause applies to both DBE and non-DBE subcontractors.

Information Submitted as a matter of bidder responsiveness:

The Owner's award of this contract is conditioned upon Bidder or Offeror satisfying the good faith effort requirements of 49 CFR §26.53.

As a condition of bid responsiveness, the Bidder or Offeror must submit the following information with its proposal on the forms provided herein:

- 1) The names and addresses of Disadvantaged Business Enterprise (DBE) firms that will participate in the contract;
- 2) A description of the work that each DBE firm will perform;
- 3) The dollar amount of the participation of each DBE firm listed under (1)
- 4) Written statement from Bidder or Offeror that attests their commitment to use the DBE firm(s) listed under (1) to meet the Owner's project goal; and
- 5) If Bidder or Offeror cannot meet the advertised project DBE goal, evidence of good faith efforts undertaken by the Bidder or Offeror as described in appendix A to 49 CFR part 26.

Information submitted as a matter of bidder responsibility:

The Owner's award of this contract is conditioned upon Bidder or Offeror satisfying the good faith effort requirements of 49 CFR §26.53.

The successful Bidder or Offeror must provide written confirmation of participation from each of the DBE firms the Bidder or Offeror lists in its commitment within five days after bid opening

- 1) The names and addresses of Disadvantaged Business Enterprise (DBE) firms that will participate in the contract;
- 2) A description of the work that each DBE firm will perform;
- 3) The dollar amount of the participation of each DBE firm listed under (1)
- 4) Written statement from Bidder or Offeror that attests their commitment to use the DBE firm(s) listed under (1) to meet the Owner's project goal; and
- 5) If Bidder or Offeror cannot meet the advertised project DBE goal, evidence of good faith efforts undertaken by the Bidder or Offeror as described in appendix A to 49 CFR part 26.

FEDERAL REQUIREMENT: FR-13**DISTRACTED DRIVING**

Executive Order 13513, DOT Order 3902.10

The Consultant shall promote policies and initiatives for its employees and other work personnel that decrease crashes by distracted drivers, including policies that ban text messaging while driving motor vehicles while performing work activities associated with the project. The Contractor must include the substance of this clause in all sub-tier contracts exceeding \$3,500 that involve driving a motor vehicle in performance of work activities associated with the project.

FEDERAL REQUIREMENT: FR-14**ENERGY CONSERVATION REQUIREMENTS**

2 CFR § 200, Appendix II(H)

Consultant and Subconsultant agree to comply with mandatory standards and policies relating to energy efficiency as contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 USC 6201et seq).

FEDERAL REQUIREMENT: FR-16**FEDERAL FAIR LABOR STANDARDS ACT**

29 USC § 201, et seq

All contracts and subcontracts that result from this solicitation incorporate by reference the provisions of 29 CFR part 201, the Federal Fair Labor Standards Act (FLSA), with the same force and effect as if given in full text. The FLSA sets minimum wage, overtime pay, recordkeeping, and child labor standards for full and part-time workers.

The Consultant has full responsibility to monitor compliance to the referenced statute or regulation. The Consultant must address any claims or disputes that arise from this requirement directly with the U.S. Department of Labor – Wage and Hour Division.

All consultants, sub-consultants, contractors, and subcontractors employed under this federally assisted project must comply with the FLSA. 29 CFR § 213 exempts professional services employees in a bona fide executive, administrative or professional capacity. Because professional firms employ individuals that are not covered by this exemption, the sponsor's agreement with a professional services firm must include the FLSA provision.

FEDERAL REQUIREMENT: FR-17

FOREIGN TRADE RESTRICTION

49 USC § 50104, 49 CFR part 30

This language must be used in all contracts and subcontracts without modification.

By submission of an offer, the Offeror certifies that with respect to this solicitation and any resultant contract, the Offeror:

- 1) is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms as published by the Office of the United States Trade Representative (USTR);
- 2) has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country included on the list of countries that discriminate against U.S. firms as published by the USTR; and
- 3) has not entered into any subcontract for any product to be used on the Federal project that is produced in a foreign country included on the list of countries that discriminate against U.S. firms published by the USTR.

This certification concerns a matter within the jurisdiction of an agency of the United States of America and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18 USC Section 1001.

The Offeror/Contractor must provide immediate written notice to the Owner if the Offeror/Contractor learns that its certification or that of a subcontractor was erroneous when submitted or has become erroneous by reason of changed circumstances. The Contractor must require subcontractors provide immediate written notice to the Contractor if at any time it learns that its certification was erroneous by reason of changed circumstances.

Unless the restrictions of this clause are waived by the Secretary of Transportation in accordance with 49 CFR 30.17, no contract shall be awarded to an Offeror or subcontractor:

- 1) who is owned or controlled by one or more citizens or nationals of a foreign country included on the list of countries that discriminate against U.S. firms published by the USTR or
- 2) whose subcontractors are owned or controlled by one or more citizens or nationals of a foreign country on such USTR list or
- 3) who incorporates in the public works project any product of a foreign country on such USTR list

Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by this provision. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

The Offeror agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification without modification in all lower tier subcontracts. The Contractor may rely on the certification of a prospective subcontractor that it is not a firm from a foreign country included on the list of countries that discriminate against U.S. firms as published by USTR, unless the Offeror has knowledge that the certification is erroneous.

This certification is a material representation of fact upon which reliance was placed when making an award. If it is later determined that the Contractor or subcontractor knowingly rendered an erroneous certification, the Federal Aviation Administration (FAA) may direct through the Owner cancellation of the contract or subcontract for default at no cost to the Owner or the FAA.

FEDERAL REQUIREMENT: FR-18**LOBBYING AND INFLUENCING FEDERAL EMPLOYEES**

31 USC § 1352 – Byrd Anti-Lobbying Amendment, 2 CFR part 200, Appendix II(J), 49 CFR part 20, Appendix A

The Bidder or Offeror certifies by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Bidder or Offeror, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

FEDERAL REQUIREMENT: FR-19**OCCUPATIONAL SAFETY AND HEALTH ACT**

29 CFR part 1910

All contracts and subcontracts that result from this solicitation incorporate by reference the requirements of 29 CFR Part 1910 with the same force and effect as if given in full text. The employer must provide a work environment that is free from recognized hazards that may cause death or serious physical harm to the employee. The employer retains full responsibility to monitor its compliance and their subcontractor's compliance with the applicable requirements of the Occupational Safety and Health Act of 1970 (29 CFR Part 1910). The employer must address any claims or disputes that pertain to a referenced requirement directly with the U.S. Department of Labor - Occupational Safety and Health Administration.

FEDERAL REQUIREMENT: FR-24**TAX DELINQUENT AND FELONY CONVICTION**

Sections 415 and 416 of Title IV, Division L of the Consolidated Appropriations Act, 2014 (Pub. L. 113-76), DOT Order 4200.6 - Requirements for Procurement and Non-Procurement Regarding Tax Delinquency and Felony Convictions

The applicant must complete the following two certification statements. The applicant must indicate its current status as it relates to tax delinquency and felony conviction by inserting a checkmark (☐) in the space following the applicable response. The applicant agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification in all lower tier subcontracts.

- 1) The applicant represents that it is (☐) is not (☐) a corporation that has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.
- 2) The applicant represents that it is (☐) is not (☐) is not a corporation that was convicted of a criminal violation under any Federal law within the preceding 24 months.

Note: If an applicant responds in the affirmative to either of the above representations, the applicant is ineligible to receive an award unless the sponsor has received notification from the agency suspension and debarment official (SDO) that the SDO has considered suspension or debarment and determined that further action is not required to protect the Government's interests. The applicant therefore must provide information to the owner about its tax liability or conviction to the Owner, who will then notify the FAA Airports District Office, which will then notify the agency's SDO to facilitate completion of the required considerations before award decisions are made.

Term Definitions

Felony conviction: Felony conviction means a conviction within the preceding twenty-four (24) months of a felony criminal violation under any Federal law and includes conviction of an offense defined in a section of the U.S. code that specifically classifies the offense as a felony and conviction of an offense that is classified as a felony under 18 U.S.C. § 3559.

Tax Delinquency: A tax delinquency is any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.

FEDERAL REQUIREMENT: FR-25

TERMINATION OF CONTRACT

2 CFR § 200 Appendix II(B), FAA Advisory Circular 150/5370-10, Section 80-09

Termination for Convenience (Construction & Equipment Contracts)

The Owner may terminate this contract in whole or in part at any time by providing written notice to the Contractor. Such action may be without cause and without prejudice to any other right or remedy of Owner. Upon receipt of a written notice of termination, except as explicitly directed by the Owner, the Contractor shall immediately proceed with the following obligations regardless of any delay in determining or adjusting amounts due under this clause:

1. Contractor must immediately discontinue work as specified in the written notice.
2. Terminate all subcontracts to the extent they relate to the work terminated under the notice.
3. Discontinue orders for materials and services except as directed by the written notice.
4. Deliver to the Owner all fabricated and partially fabricated parts, completed and partially completed work, supplies, equipment and materials acquired prior to termination of the work, and as directed in the written notice
5. Complete performance of the work not terminated by the notice.
6. Take action as directed by the Owner to protect and preserve property and work related to this contract that Owner will take possession.

Owner agrees to pay Contractor for:

- 1) completed and acceptable work executed in accordance with the contract documents prior to the effective date of termination;
- 2) documented expenses sustained prior to the effective date of termination in performing work and furnishing labor, materials, or equipment as required by the contract documents in connection with uncompleted work;
- 3) reasonable and substantiated claims, costs, and damages incurred in settlement of terminated contracts with Subcontractors and Suppliers; and
- 4) reasonable and substantiated expenses to the Contractor directly attributable to Owner's termination action.

Owner will not pay Contractor for loss of anticipated profits or revenue or other economic loss arising out of or resulting from the Owner's termination action.

The rights and remedies this clause provides are in addition to any other rights and remedies provided by law or under this contract.

Termination for Convenience (Professional Services)

The Owner may, by written notice to the Consultant, terminate this Agreement for its convenience and without cause or default on the part of Consultant. Upon receipt of the notice of termination, except as explicitly directed by the Owner, the Contractor must immediately discontinue all services affected.

Upon termination of the Agreement, the Consultant must deliver to the Owner all data, surveys, models, drawings, specifications, reports, maps, photographs, estimates, summaries, and other

documents and materials prepared by the Engineer under this contract, whether complete or partially complete.

Owner agrees to make just and equitable compensation to the Consultant for satisfactory work completed up through the date the Consultant receives the termination notice. Compensation will not include anticipated profit on non-performed services.

Owner further agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

Termination for Default (Construction)

Section 80-09 of FAA Advisory Circular 150/5370-10 establishes conditions, rights, and remedies associated with Owner termination of this contract due to default of the Contractor.

Termination for Default (Equipment)

The Owner may, by written notice of default to the Contractor, terminate all or part of this Contract if the Contractor:

1. Fails to commence the Work under the Contract within the time specified in the Notice- to-Proceed;
2. Fails to make adequate progress as to endanger performance of this Contract in accordance with its terms;
3. Fails to make delivery of the equipment within the time specified in the Contract, including any Owner approved extensions;
4. Fails to comply with material provisions of the Contract;
5. Submits certifications made under the Contract and as part of their proposal that include false or fraudulent statements; or
6. Becomes insolvent or declares bankruptcy.

If one or more of the stated events occur, the Owner will give notice in writing to the Contractor and Surety of its intent to terminate the contract for cause. At the Owner's discretion, the notice may allow the Contractor and Surety an opportunity to cure the breach or default.

If within [10] days of the receipt of notice, the Contractor or Surety fails to remedy the breach or default to the satisfaction of the Owner, the Owner has authority to acquire equipment by other procurement action. The Contractor will be liable to the Owner for any excess costs the Owner incurs for acquiring such similar equipment.

Payment for completed equipment delivered to and accepted by the Owner shall be at the Contract price. The Owner may withhold from amounts otherwise due the Contractor for such completed equipment, such sum as the Owner determines to be necessary to protect the Owner against loss because of Contractor default.

Owner will not terminate the Contractor's right to proceed with the Work under this clause if the delay in completing the work arises from unforeseeable causes beyond the control and without the fault or negligence of the Contractor. Examples of such acceptable causes include: acts of

God, acts of the Owner, acts of another Contractor in the performance of a contract with the Owner, and severe weather events that substantially exceed normal conditions for the location.

If, after termination of the Contractor's right to proceed, the Owner determines that the Contractor was not in default, or that the delay was excusable, the rights and obligations of the parties will be the same as if the Owner issued the termination for the convenience the Owner.

The rights and remedies of the Owner in this clause are in addition to any other rights and remedies provided by law or under this contract.

Termination for Default (Professional Services)

Either party may terminate this Agreement for cause if the other party fails to fulfill its obligations that are essential to the completion of the work per the terms and conditions of the Agreement. The party initiating the termination action must allow the breaching party an opportunity to dispute or cure the breach.

The terminating party must provide the breaching party [7] days advance written notice of its intent to terminate the Agreement. The notice must specify the nature and extent of the breach, the conditions necessary to cure the breach, and the effective date of the termination action. The rights and remedies in this clause are in addition to any other rights and remedies provided by law or under this agreement.

a) Termination by Owner: The Owner may terminate this Agreement in whole or in part, for the failure of the Consultant to:

1. Perform the services within the time specified in this contract or by Owner approved extension;
2. Make adequate progress so as to endanger satisfactory performance of the Project; or
3. Fulfill the obligations of the Agreement that are essential to the completion of the Project

Upon receipt of the notice of termination, the Consultant must immediately discontinue all services affected unless the notice directs otherwise. Upon termination of the Agreement, the Consultant must deliver to the Owner all data, surveys, models, drawings, specifications, reports, maps, photographs, estimates, summaries, and other documents and materials prepared by the Engineer under this contract, whether complete or partially complete.

Owner agrees to make just and equitable compensation to the Consultant for satisfactory work completed up through the date the Consultant receives the termination notice. Compensation will not include anticipated profit on non-performed services.

Owner further agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

If, after finalization of the termination action, the Owner determines the Consultant was not in default of the Agreement, the rights and obligations of the parties shall be the same as if the Owner issued the termination for the convenience of the Owner.

b) Termination by Consultant: The Consultant may terminate this Agreement in whole or in part, if the Owner:

1. Defaults on its obligations under this Agreement;

2. Fails to make payment to the Consultant in accordance with the terms of this Agreement;
3. Suspends the Project for more than [180] days due to reasons beyond the control of the Consultant.

Upon receipt of a notice of termination from the Consultant, Owner agrees to cooperate with Consultant for the purpose of terminating the agreement or portion thereof, by mutual consent. If Owner and Consultant cannot reach mutual agreement on the termination settlement, the Consultant may, without prejudice to any rights and remedies it may have, proceed with terminating all or parts of this Agreement based upon the Owner's breach of the contract.

In the event of termination due to Owner breach, the Engineer is entitled to invoice Owner and to receive full payment for all services performed or furnished in accordance with this Agreement and all justified reimbursable expenses incurred by the Consultant through the effective date of termination action. Owner agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

FEDERAL REQUIREMENT: FR-26

VETERAN'S PREFERENCE

49 USC § 47112(c)

In the employment of labor (excluding executive, administrative, and supervisory positions), the Contractor and all sub-tier contractors must give preference to covered veterans as defined within Title 49 United States Code Section 47112. Covered veterans include Vietnam-era veterans, Persian Gulf veterans, Afghanistan-Iraq war veterans, disabled veterans, and small business concerns (as defined by 15 USC 632) owned and controlled by disabled veterans. This preference only applies when there are covered veterans readily available and qualified to perform the work to which the employment relates.

Exhibit D

Federal Requirements Forms (Proposal Part A)

**FEDERAL REQUIREMENTS
FR – 1 CERTIFICATION FORM****BUY AMERICAN ON AIRPORT IMPROVEMENT PROGRAM (AIP) OR AMERICAN
RECOVERY AND REINVESTMENT ACT (ARRA) PROJECTS**

This project is subject to AIP or ARRA funding, therefore, the Contractor must certify that they will not acquire or use any steel or manufactured products or components produced outside of the United States (US) on any portion of the project, unless otherwise approved by the FAA.

Contractor must either:

- ☐ 1. I certify, all products are wholly produced in the US of US materials, or
- ☐ 2. I request a waiver to use non-US produced products, or
- ☐ 3. I certify that all equipment that is being used on the project is on the Nationwide Buy America conformance list.
- ☒ 4. I certify that none of the materials used on this project are subject to Buy America provisions.

Should there be a change in the status listed above, the undersigned agrees to notify the Los Angeles World Airports immediately of any changes and shall not make such change until change in status has been authorized by LAWA.

The undersigned declares and certifies that all statements on this form are true and correct.

12/20/2021

Date


Authorized Signature

Joseph P. Jackson

Print Name

President

Title of Signer

RS&H California, Inc.

Company Name

5901 W. Century Blvd., Suite 1030

Company Address

Los Angeles, CA 90045

City, State, Zip Code

FR 1 – Buy American Certification Form

FEDERAL REQUIREMENTS FR – 6 CERTIFICATION FORM**ASSURANCE OF DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION**

(To meet the mandated requirements of the United States Department of Transportation, 49 CFR Part 26, the assurance below shall be signed by the Proposer and submitted with the Technical Proposal.)

NOTE: The bidder's execution of the signature portion of this Proposal shall also constitute execution of this assurance.

Proposer's Assurance of Compliance with Title 49, CFR Part 26 Relating To Disadvantaged Business Enterprise Participation.

The Proposer hereby gives assurance pursuant to the requirements of Title 49 CFR Part 26 that bidder has made a reasonable effort to meet the goals for Disadvantaged Business Enterprise participation specified for the contract for which this Proposal is submitted and that bidder, if the contract is awarded to Proposer, will have a DBE participation of (*) percent of the amount of this bid. Proposer further gives assurance that bidder will submit the documentation required by said Regulations and the contract specifications, including the Listing of Disadvantaged Business Enterprises with which the Proposer will subcontract if the contract is awarded and if Proposer is unable to meet the contract goals for DBE participation, of the steps Proposer has taken to obtain DBE participation.

12/20/2021

Date

Joseph P. Jackson

Authorized Signature

Joseph P. Jackson

Print Name

President

Title of Signer

RS&H California, Inc.

Company Name

5901 W. Century Blvd., Suite 1030

Company Address

Los Angeles, CA 90045

City, State, Zip Code

* Proposer shall insert the percentage for the DBE participation even if the percentage is less than the contract goal.

FR 6-Certification Assurance DBE Form

**FEDERAL REQUIREMENTS
FR – 10 CERTIFICATION FORM****TRADE RESTRICTION CLAUSE**

The contractor or subcontractor, by submission of an offer and/or execution of contract, certifies that it:

- a. is not owned or controlled by one or more citizens or nationals of a foreign country included in the list of countries that discriminate against U.S. firms published by the Office of the United States Trade Representative (USTR);
- b. has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or a national of a foreign country on said list, or is owned or controlled directly or indirectly by one or more citizens or nationals of a foreign country on said list;
- c. has not procured any product nor subcontracted for the supply of any product for use on the project that is produced in a foreign country on said list.

Unless the restrictions of this clause are waived by the Secretary of Transportation in accordance with 49 CFR 30.17, no contract shall be awarded to a contractor or subcontractor who is unable to certify to the above. If the contractor knowingly procures or subcontracts for the supply of any product or service of a foreign country on the said list for use on the project, the Federal Aviation Administration may direct, through the sponsor, cancellation of the contract at no cost to the Government.

Further, the contractor agree that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification without modification in each contract and in all lower tier subcontracts. The contractor may rely on the certification of a prospective subcontractor unless it has knowledge that the certification is erroneous.

The contractor shall provide immediate written notice to the sponsor if the contractor learns that its certification or that of a subcontractor was erroneous when submitted or has become erroneous by reason of changed circumstances. The subcontractor agrees to provide immediate written notice to the contractor, if at any time it learns that its certification was erroneous by reason of changed circumstances.

This certification is a material representation of fact upon which reliance was placed when making the award. If it is later determined that the contractor or subcontractor knowingly rendered an erroneous certification, the Federal Aviation Administration may direct, through the sponsor, cancellation of the contract or subcontract for default at no cost to the Government.

Cont.

FR 10- Trade Restriction Clause

FEDERAL REQUIREMENTS FR – 10 CERTIFICATION FORM
TRADE RESTRICTION CLAUSE

(Continued)

Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by this provision. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

This certification concerns a matter within the jurisdiction of an agency of the United States of America and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code, Section 1001.

12/20/2021

Date

Joseph P. Jackson

Authorized Signature

Joseph P. Jackson

Print Name

President

Title of Signer

RS&H California, Inc.

Company Name

5901 W. Century Blvd., Suite 1030

Company Address

Los Angeles, CA 90045

City, State, Zip Code

FR 10- Trade Restriction Clause

**FEDERAL REQUIREMENTS
FR – 14 CERTIFICATION FORM****CERTIFICATION OF NONSEGREGATED FACILITIES – 41 CFR PART 60-1.8**
(Contractors/Subcontractors)

(A Certification of Nonsegregated Facilities must be submitted with the Proposal and prior to the award of any subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause).

The contractor certifies that he does not maintain or provide, for his employees, any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The contractor certifies that he will not maintain or provide, for his employees, segregated facilities at any of his establishments and that he will not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained.

The contractor agrees that a breach of this certification is a violation of the Equal Opportunity Clause in this contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directives or are in fact segregated on the basis of race, color, religion, or national origin, because of habit, local custom, or any other reason. The contractor agrees that (except where he has obtained identical certifications from proposed subcontractors for specific time periods) he will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause and that he will retain such certifications in his files.

Certification - The information above is true and complete to the best of my knowledge and belief.

12/20/2021

Date

Joseph P. Jackson

Authorized Signature

Joseph P. Jackson

Print Name

President

Title of Signer

Continued Next Page...

FR 14- Non-Segregated

FEDERAL REQUIREMENTS
FR – 14 CERTIFICATION FORM
CERTIFICATION OF NONSEGREGATED FACILITIES – 41 CFR PART 60-1.8
(Contractors/Subcontractors)
(Continued)

RS&H California, Inc.

Company Name

5901 W. Century Blvd., Suite 1030

Company Address

Los Angeles, CA 90045

City, State, Zip Code

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001

FR 14- Non-Segregated

**FEDERAL REQUIREMENTS
FR – 14 CERTIFICATION FORM****CERTIFICATION OF NONSEGREGATED FACILITIES – 41 CFR PART 60-1.8**
(Contractors/Subcontractors)

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Certification - The information above is true and complete to the best of my knowledge and belief.

November 19, 2021

Date



Authorized Signature

Stephanie A. Wagner

Print Name

President

Title of Signer

Continued Next Page...

FR 14- Non-Segregated

FEDERAL REQUIREMENTS
FR – 14 CERTIFICATION FORM
CERTIFICATION OF NONSEGREGATED FACILITIES – 41 CFR PART 60-1.8
(Contractors/Subcontractors)
(Continued)

Wagner Engineering & Survey, Inc.

Company Name

17134 Devonshire Street, Suite 200

Company Address

Northridge, CA 91325

City, State, Zip Code

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001

FR 14- Non-Segregated

**FEDERAL REQUIREMENTS
FR – 14 CERTIFICATION FORM****CERTIFICATION OF NONSEGREGATED FACILITIES – 41 CFR PART 60-1.8**
(Contractors/Subcontractors)

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Certification - The information above is true and complete to the best of my knowledge and belief.

November 19, 2021

Date



Authorized Signature

Virgil C. Aoanan, PE, SE, QSD

Print Name

Principal

Title of Signer

Continued Next Page...

FR 14- Non-Segregated

FEDERAL REQUIREMENTS
FR – 14 CERTIFICATION FORM
CERTIFICATION OF NONSEGREGATED FACILITIES – 41 CFR PART 60-1.8
(Contractors/Subcontractors)
(Continued)

VCA Engineers, Inc.

Company Name

1041 S. Garfield Ave., Suite 210

Company Address

Alhambra, CA 91801

City, State, Zip Code

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001

FR 14- Non-Segregated

**FEDERAL REQUIREMENTS
FR – 14 CERTIFICATION FORM**

CERTIFICATION OF NONSEGREGATED FACILITIES – 41 CFR PART 60-1.8
(Contractors/Subcontractors)

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Certification - The information above is true and complete to the best of my knowledge and belief.

11/20/2021

Date



Authorized Signature

Franklin Lee

Print Name

Principal

Title of Signer

Continued Next Page...

FR 14- Non-Segregated

FEDERAL REQUIREMENTS
FR – 14 CERTIFICATION FORM
CERTIFICATION OF NONSEGREGATED FACILITIES – 41 CFR PART 60-1.8
(Contractors/Subcontractors)
(Continued)

M Lee Corporation

Company Name

601 Montgomery St, Ste 2040

Company Address

San Francisco, CA 94111

City, State, Zip Code

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001

FR 14- Non-Segregated

**FEDERAL REQUIREMENTS
FR – 14 CERTIFICATION FORM**

CERTIFICATION OF NONSEGREGATED FACILITIES – 41 CFR PART 60-1.8
(Contractors/Subcontractors)

(A Certification of Nonsegregated Facilities must be submitted with the Proposal and prior to the award of any subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause).

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Certification - The information above is true and complete to the best of my knowledge and belief.

December 14, 2021

Date

Authorized Signature

Clint I. Isa, PE

Print Name

Principal

Title of Signer

Continued Next Page...

FR 14- Non-Segregated

FEDERAL REQUIREMENTS
FR – 14 CERTIFICATION FORM
CERTIFICATION OF NONSEGREGATED FACILITIES – 41 CFR PART 60-1.8
(Contractors/Subcontractors)
(Continued)

Diaz Consultants, Inc. dba Diaz Yourman & Associates

Company Name

1616 E. 17th Street

Company Address

Santa Ana, CA 92705

City, State, Zip Code

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001

FR 14- Non-Segregated

**FEDERAL REQUIREMENTS
FR – 14 CERTIFICATION FORM**

CERTIFICATION OF NONSEGREGATED FACILITIES – 41 CFR PART 60-1.8
(Contractors/Subcontractors)

(A Certification of Nonsegregated Facilities must be submitted with the Proposal and prior to the award of any subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause).

The contractor certifies that he does not maintain or provide, for his employees, any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The contractor certifies that he will not maintain or provide, for his employees, segregated facilities at any of his establishments and that he will not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained.

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Certification - The information above is true and complete to the best of my knowledge and belief.

11/19/21
Date

[Signature]
Authorized Signature

Carol Lean
Print Name

President
Title of Signer

Continued Next Page...

FR 14- Non-Segregated

FEDERAL REQUIREMENTS
FR – 14 CERTIFICATION FORM
CERTIFICATION OF NONSEGREGATED FACILITIES – 41 CFR PART 60-1.8
(Contractors/Subcontractors)
(Continued)

Lean Technology Corporation

Company Name

20 Executive Park, Suite 155

Company Address

Irvine, CA 92614

City, State, Zip Code

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001

FR 14- Non-Segregated

**FEDERAL REQUIREMENTS
FR – 16 CERTIFICATION FORM****PROPOSER'S STATEMENT ON PREVIOUS CONTRACTS SUBJECT TO EEO CLAUSE**

The Proposer shall complete the following statement by checking the appropriate boxes.

The Proposer has ☒ has not ☐ participated in a previous contract subject to the equal opportunity clause prescribed by Executive Order 11246, as amended, of September 24, 1965.

The Proposer has ☒ has not ☐ submitted all compliance reports in connection with any such contract due under the applicable filing requirements; and that representations indicating submission of required compliance reports signed by proposed subcontractors will be obtained prior to award of subcontracts.

If the Proposer has participated in a previous contract subject to the equal opportunity clause and has not submitted compliance reports due under applicable filing requirements, the Proposer shall submit a compliance report on Standard Form 100, "Employee Information Report EEO-I" prior to award of the contract.

12/20/2021

Date

Joseph P. Jackson

Authorized Signature

Joseph P. Jackson

Print Name

President

Title of Signer

RS&H California, Inc.

Company Name

5901 W. Century Blvd., Suite 1030

Company Address

Los Angeles, CA 90045

City, State, Zip Code

NOTE: Failure to complete the blanks may be grounds for rejecting the Proposal.

FR 16- Bidder's Statement on Previous

**FEDERAL REQUIREMENTS
FR – 18 CERTIFICATION FORM****SUSPENSION AND DEBARMENT REQUIREMENTS FOR ALL CONTRACTS OVER \$25,000**
49 CFR PART 29

The Proposer/offeror certifies, by this submission of this proposal or acceptance of this contract, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. Proposer further agrees by submitting this proposal that it will include this clause without modification in all lower tier transactions, solicitations, proposals, contracts, and subcontracts. Where the Proposer/offeror/contractor or any lower tier participant is unable to certify to this statement, it shall attach an explanation to this solicitation/proposal.

12/20/2021

Date

Joseph P. Jackson

Authorized Signature

Joseph P. Jackson

Print Name

President

Title of Signer

RS&H California, Inc.

Company Name

5901 W. Century Blvd., Suite 1030

Company Address

Los Angeles, CA 90045

City, State, Zip Code

NOTE: Failure to complete the blanks may be grounds for rejecting the Proposal.

FR 18 – Suspension, Debarment Certification Form

Exhibit E

Negotiated Cost Proposal

Design Services for VNY Airfield Improvements - Cost Proposal Multiplier Submission

G = E * F

A	B	C	D	E	F	G
Proposer	Labor Rate ¹	Home Office ² Overhead <small>[subject to audit]</small>	Profit ³ <small>as a multiplier of (c+d)</small>	Company Multiplier Rate ⁴	Prime Markup Rate ⁵	Grand Total Multiplier Rate ⁶
Prime	1.00	1.6692	10.00%	2.9361	1.00	2.9361
Diaz Consultants, Inc.	1.00	2.1141	10.00%	3.4255	1.03	3.5283
Lean Technology Corporation	1.00	1.4158	10.00%	2.6574	1.03	2.7371
M Lee Corporation	1.00	1.4720	10.00%	2.7192	1.03	2.8008
VCA Engineers, Inc.	1.00	1.6500	10.00%	2.9150	1.03	3.0025
Wagner Engineering and Survey	1.00	1.7239	10.00%	2.9963	1.03	3.0862

¹ Labor Rate shown here as 1.00 is the base direct labor rate actually paid to the employee, sans any labor burden (the cost to a company to carry labor aside from salary, essentially fringe benefits and taxes).

² Home Office Overhead inserted here consists of the Labor Burden, plus General & Administrative (G&A) Overhead less any unallowable overhead expenses, as defined by CFR Title 48, FAR, Part 31. This rate is subject to verification by LAWA prior to award. Overhead is submitted as a multiplier of the labor rate.

³ Profit is just that, Profit.

⁴ The Company Multiplier Rate for each Company shall include their comprehensive overhead costs, profits, and all costs related to the initial relocation of personnel to Los Angeles (if applicable), and shall remain constant for all staff from each company throughout all stages of the project. Project related travel and other ODCs will be reimbursed in accordance with Exhibit B: Cost Reimbursable Guidelines.

⁵ The Prime Markup Rate shall include any and all proposed markups, fees, bonds, insurance, etc. to be added to the cost by the Prime for management of its sub-consultants. This shall be the same value for all sub-consultants and shall remain constant throughout all stages of the project. This value shall be 1.00 for the Prime.

⁶ The Grand Total Multiplier Rate [G] shall be calculated as the product of the Company Multiplier Rate [E] and the Prime Markup Rate [F]: G = E * F. This Grand Total Multiplier Rate will be multiplied by the "Base Rates" (as described on the Billable Hourly Rates Form) of each individual to establish their Grand Total Billable Hourly Rate. This Grand Total Billable Hourly Rate will be the maximum total amount for which the Prime may expect to be paid by LAWA (including all profits, fees, markups, etc. from all tiers) for each individuals' services throughout all stages of the Contract.

We carefully developed this Financial Proposal, specifically in response to LAWA's RFP for Design Services for Airfield Improvements Program Contract. These rates account for any-and-all costs that would be added to the "Base Hourly Rates" as described on the Billable Hourly Rates Form. We understand that LAWA will establish a Contract Value based solely on their internal estimates, which may be influenced by this Financial Proposal.

We understand and agree that this Financial Proposal will be the basis for Task Order negotiations throughout all stages of the Contract. Where LAWA and the Prime can mutually agree to a Schedule of Values (SOV) for specific services & deliverables, LAWA may issue Task Orders to be paid on a Lump Sum basis. Where a mutually-agreed SOV cannot be established, LAWA may issue Task Orders to be paid on a Time & Material (T&M) basis, in accordance with the rates herein.

Prime Proposer:


(signature)

Joseph P. Jackson
(Printed Name)

RS&H California, Inc.
(Company)

President
(Title)

Design Services for VNY Airfield Improvements - Billable Hourly Rates - RS&H California, Inc.

E = C*D

F = B*E

Key Personnel			B	C	D	E	F
Name ¹	Title / Role on Project	Company Name	Base Hourly Wage / Salary ²	Company Multiplier Rate ³	Prime Markup Rate ⁴	Grand Total Multiplier Rate ⁵	Grand Total Billable Hourly Rate ⁶
Joe Jackson	Project Officer	RS&H California, Inc.	\$ 156.93	2.9361	1.00	2.9361	\$ 460.77
Byron Chavez	Project Manager	RS&H California, Inc.	\$ 114.54	2.9361	1.00	2.9361	\$ 336.31
Joel Ericson	Quality Assurance / Quality Control	RS&H California, Inc.	\$ 86.54	2.9361	1.00	2.9361	\$ 254.09
Phillip Leung	Design Manager	RS&H California, Inc.	\$ 94.80	2.9361	1.00	2.9361	\$ 278.34
Sean Naismith	Engineer III	RS&H California, Inc.	\$ 86.54	2.9361	1.00	2.9361	\$ 254.09
Felipe Cifuentes	Engineer III	RS&H California, Inc.	\$ 62.90	2.9361	1.00	2.9361	\$ 184.68
Pedro Barragan	Engineer III	RS&H California, Inc.	\$ 57.08	2.9361	1.00	2.9361	\$ 167.59
Megan Timmerman	Engineer III	RS&H California, Inc.	\$ 52.89	2.9361	1.00	2.9361	\$ 155.29
Julie Warner	Engineer III	RS&H California, Inc.	\$ 52.89	2.9361	1.00	2.9361	\$ 155.29
Austin Williams	Engineer I	RS&H California, Inc.	\$ 38.79	2.9361	1.00	2.9361	\$ 113.89
Badr Suleiman	Engineer I	RS&H California, Inc.	\$ 37.98	2.9361	1.00	2.9361	\$ 111.51
Michelle Yeh	Engineer I	RS&H California, Inc.	\$ 37.02	2.9361	1.00	2.9361	\$ 108.70
Evan Pfahler	Planner V	RS&H California, Inc.	\$ 123.28	2.9361	1.00	2.9361	\$ 361.96
Rob Grotefend	Planner IV	RS&H California, Inc.	\$ 68.49	2.9361	1.00	2.9361	\$ 201.09
Maxime Valencik	Planner III	RS&H California, Inc.	\$ 61.30	2.9361	1.00	2.9361	\$ 179.98
Carly Mordan	Planner I	RS&H California, Inc.	\$ 31.97	2.9361	1.00	2.9361	\$ 93.87
Lori Rowe	Administrative Assistant III	RS&H California, Inc.	\$ 29.88	2.9361	1.00	2.9361	\$ 87.72

¹ At a minimum, all individuals who are included in the Proposal shall be included in this list with their associated billable hourly rates.

² The Base Hourly Wage / Salary [B] shall be based on the actual regular hourly wage / salary paid to the employee for actual regular hours worked (i.e. excludes overtime, bonuses, etc.).

³ The Company Multiplier Rate [C] for each Company shall include their comprehensive overhead costs, profits, and all costs related to the initial relocation of personnel to Los Angeles (if applicable), and shall remain constant for all staff from each company throughout all stages of the project. Project related travel and other ODCs will be reimbured in accordance with Exhibit B: Cost Reimbursable Guidelines. Multipliers on this form shall match multipliers submitted on Design Services for VNY Airfield Improvements - Multiplier Submission form. In the event of a discrepancy, the lower multiplier will govern and will become the multiplier for the duration of the contract.

⁴ The Prime Markup Rate [D] shall include any and all proposed markups, fees, bonds, insurance, etc. to be added to the cost by the Prime for the management of sub-consultants. This shall be the same value for all sub-consultants and shall remain constant throughout all stages of the project. This value shall be 1.0 for the Prime.

⁵ The Grand Total Multiplier Rate [E] shall be calculated as the product of the Company Multiplier Rate [C] and the Prime Markup Rate [D]: E = C*D.

⁶ The Grand Total Billable Hourly Rates [F] shall be calculated as the product of the Base Hourly Wage / Salary [B] and the Grand Total Multiplier Rate [E]: F= B*E. This Grand Total Billable Hourly Rate shall be the all-inclusive amount for which the Prime may expect to be paid by LAWA (including profits, fees, markups, etc. from all tiers) for an hour of work.

Design Services for VNY Airfield Improvements - Maximum Billable Rates - RS&H California, Inc.

Common Positions						
Title / Role on Project	Trades / Examples	Qualifications (i.e. Education, Licensure, Credentials, Relevant Experience)	Maximum Base Hourly Rate ¹ (Year 1)	Maximum Base Hourly Rate ¹ (Year 3)	Maximum Base Hourly Rate ¹ (Year 5)	Maximum Base Hourly Rate ¹ (Year 7)
Project Officer	Professional consultant with demonstrated capability to administer contracts, generally oversee technical teams, and coordinate with client teams.	25+ years of experience. 25+ years managing aviation assignments. Officer of firm.	\$164.41	\$180.85	\$198.93	\$218.82
Project Manager	Professional Engineers as licensed by the CA (or other state) Board for Professional Engineers ²	15+ years of experience. 5+ years managing aviation assignments. California professional engineer.	\$114.54	\$126.00	\$138.60	\$152.46
Quality Assurance / Quality Control		15+ years of experience. 5+ years managing aviation assignments. Professional engineer.	\$90.87	\$99.96	\$109.95	\$120.95
Design Manager		12+ years of experience. 3+ years managing aviation assignments. California professional engineer.	\$100.84	\$110.92	\$122.01	\$134.21

Engineer I	Civil Engineers and Professional Engineers as licensed by the CA (or other state) Board for Professional Engineers	0+ years of experience. Bachelor's degree in engineering from ABET-accredited program.	\$41.86	\$46.05	\$50.65	\$55.72
Engineer II		2+ years of experience. Engineer in Training Licensure required.	\$55.41	\$60.95	\$67.04	\$73.74
Engineer III		4+ years of experience. Professional Engineer in at least one state.	\$86.54	\$95.19	\$104.71	\$115.18
Engineer IV		8+ years of experience. Professional Engineer in at least one state. Manages and is in responsible charge of discipline team activities.	\$92.18	\$101.40	\$111.54	\$122.69
Engineer V		14+ years of experience. Professional Engineer in state work is being completed. Manages multidiscipline team of engineers, designers, technicians, and support staff. Serves as a project manager or design manager on large, complex, multidiscipline projects.	\$115.41	\$126.95	\$139.64	\$153.61

Planner I	Accredited bachelor's or master's degree in planning or other recognized equivalent discipline. Engaged in life-long learning to maintain knowledge of contemporary issues.	0+ years of experience. Bachelor's or master's degree in planning or other professionally recognized equivalent discipline.	\$33.32	\$36.65	\$40.32	\$44.35
Planner II		2+ years of experience. Bachelor's or master's degree in planning or other professionally recognized equivalent discipline.	\$41.83	\$46.02	\$50.62	\$55.68
Planner III		4+ years of experience. Bachelor's or master's degree in planning or other professionally recognized equivalent discipline. AICP certification and/or other specialized industry certifications required.	\$67.43	\$74.17	\$81.59	\$89.75
Planner IV		8+ years of experience. Bachelor's or master's degree in planning or other professionally recognized equivalent discipline. AICP certification and/or other specialized industry certifications required. Ability to teach internal continuing education classes within the discipline.	\$87.43	\$96.17	\$105.79	\$116.37
Planner V		14+ years of experience. Bachelor's or master's degree in planning or other professionally recognized equivalent discipline. AICP certification and/or other specialized industry certifications required. Leads efforts for discipline to maintain knowledge of contemporary professional and technical issues affecting the discipline. Serves as a Senior Project Manager or Project Director on large complex multidiscipline projects.	\$123.28	\$135.60	\$149.16	\$164.08

Administrative Assistant I	Administrative support services to project manager, programs, and/or departments.	High school diploma and 1+ years administrative/clerical work experience.	\$33.32	\$36.65	\$40.32	\$44.35
Administrative Assistant II		High school diploma and 5+ years administrative/clerical work experience.	\$41.83	\$46.02	\$50.62	\$55.68
Administrative Assistant III		High school diploma and 10+ years administrative/clerical work experience.	\$59.50	\$65.45	\$71.99	\$79.19
Administrative Assistant IV		High school diploma and 15+ years administrative/clerical work experience.	\$87.43	\$96.17	\$105.79	\$116.37

¹ This Maximum Base Hourly Rate shall be the maximum base rate for which personnel in each position may expect to be paid in accordance with their actual salary. Each base rate will be utilized with the proposed multiplier to form the maximum rate to be paid by LAWA for an hour of work from an employee within each classification.

² LAWA may or may not, at their sole discretion, accept qualifying licensure and/or credentials from other jurisdictions and/or agencies on a case-by-case basis.

Design Services for VNY Airfield Improvements - Billable Hourly Rates - Wagner Engineering and Survey

E = C*D

F = B*E

Key Personnel			B	C	D	E	F
Name ¹	Title / Role on Project	Company Name	Base Hourly Wage / Salary ²	Company Multiplier Rate ³	Prime Markup Rate ⁴	Grand Total Multiplier Rate ⁵	Grand Total Billable Hourly Rate ⁶
Stephanie A. Wagner	Senior Project Manager	Wagner Engineering & Survey, Inc.	\$ 99.91	2.9963	1.03	3.0862	\$ 308.34
Paul A. Wagner	Deputy Project Manager	Wagner Engineering & Survey, Inc.	\$ 89.61	2.9963	1.03	3.0862	\$ 276.55
Armando V. Abad	Survey Manager	Wagner Engineering & Survey, Inc.	\$ 72.10	2.9963	1.03	3.0862	\$ 222.51
Mark Vinluan	Assistant Survey Manager	Wagner Engineering & Survey, Inc.	\$ 53.31	2.9963	1.03	3.0862	\$ 164.52
Hugo Guardado	Survey Technician III	Wagner Engineering & Survey, Inc.	\$ 45.50	2.9963	1.03	3.0862	\$ 140.42
Oscar Garcia	Survey Technician II	Wagner Engineering & Survey, Inc.	\$ 42.00	2.9963	1.03	3.0862	\$ 129.62
Morteza Taheriborj	Survey Technician I	Wagner Engineering & Survey, Inc.	\$ 33.00	2.9963	1.03	3.0862	\$ 101.84
Kieran Doherty	Sr. Party Chief, PLS*	Wagner Engineering & Survey, Inc.	\$ 49.46	2.9963	1.03	3.0862	\$ 152.64
Jed Harrington	Certified Party Chief*	Wagner Engineering & Survey, Inc.	\$ 58.76	2.9963	1.03	3.0862	\$ 181.34
Mario Garcia	Certified Party Chief*	Wagner Engineering & Survey, Inc.	\$ 58.76	2.9963	1.03	3.0862	\$ 181.34
Alfredo Martinez	Party Chief*	Wagner Engineering & Survey, Inc.	\$ 56.71	2.9963	1.03	3.0862	\$ 175.02
Armando Flores	Party Chief*	Wagner Engineering & Survey, Inc.	\$ 56.71	2.9963	1.03	3.0862	\$ 175.02
Kevin Warden	Instrumentman*	Wagner Engineering & Survey, Inc.	\$ 53.31	2.9963	1.03	3.0862	\$ 164.52
Yoshihiro Kawanaka	Chainman*	Wagner Engineering & Survey, Inc.	\$ 52.73	2.9963	1.03	3.0862	\$ 162.73
Anthony Garcia	Survey Apprentice F*	Wagner Engineering & Survey, Inc.	\$ 40.91	2.9963	1.03	3.0862	\$ 126.26
Sean Ward	Survey Apprentice E*	Wagner Engineering & Survey, Inc.	\$ 37.83	2.9963	1.03	3.0862	\$ 116.75
Cristian Martinez	Survey Apprentice E*	Wagner Engineering & Survey, Inc.	\$ 37.83	2.9963	1.03	3.0862	\$ 116.75
Carlos Gutierrez	Survey Apprentice C*	Wagner Engineering & Survey, Inc.	\$ 31.17	2.9963	1.03	3.0862	\$ 96.20
	*Subject to Prevailing Wage Requirements						

¹ At a minimum, all individuals who are included in the Proposal shall be included in this list with their associated billable hourly rates.

² The Base Hourly Wage / Salary [B] shall be based on the actual regular hourly wage / salary paid to the employee for actual regular hours worked (i.e. excludes overtime, bonuses, etc.).

³ The Company Multiplier Rate [C] for each Company shall include their comprehensive overhead costs, profits, and all costs related to the initial relocation of personnel to Los Angeles (if applicable), and shall remain constant for all staff from each company throughout all stages of the project. Project related travel and other ODCs will be reimbured in accordance with Exhibit B: Cost Reimbursable Guidelines. Multipliers on this form shall match multipliers submitted on Design Services for VNY Airfield Improvements - Multiplier Submission form. In the event of a discrepancy, the lower multiplier will govern and will become the multiplier for the duration of the contract.

⁴ The Prime Markup Rate [D] shall include any and all proposed markups, fees, bonds, insurance, etc. to be added to the cost by the Prime for the management of sub-consultants. This shall be the same value for all sub-consultants and shall remain constant throughout all stages of the project. This value shall be 1.0 for the Prime.

⁵ The Grand Total Multiplier Rate [E] shall be calculated as the product of the Company Multiplier Rate [C] and the Prime Markup Rate [D]: E = C*D.

⁶ The Grand Total Billable Hourly Rates [F] shall be calculated as the product of the Base Hourly Wage / Salary [B] and the Grand Total Multiplier Rate [E]: F= B*E. This Grand Total Billable Hourly Rate shall be the all-inclusive amount for which the Prime may expect to be paid by LAWA (including profits, fees, markups, etc. from all tiers) for an hour of work.

Design Services for VNY Airfield Improvements - Maximum Billable Rates - Wagner Engineering and Survey

Common Positions						
Title / Role on Project	Trades / Examples	Qualifications (i.e. Education, Licensure, Credentials, Relevant Experience)	Maximum Base Hourly Rate ¹ (Year 1)	Maximum Base Hourly Rate ¹ (Year 3)	Maximum Base Hourly Rate ¹ (Year 5)	Maximum Base Hourly Rate ¹ (Year 7)
Senior Project Manager	CA Professional Land Surveyor	PE, PLS + Experience in the Land Surveying and Civil Engineering Profession and Project Management	\$99.91	\$109.90	\$120.89	\$132.98
Survey Manager	CA Professional Land Surveyor	PLS + Experience in the Land Surveying Profession and Project Management	\$72.10	\$79.31	\$87.24	\$95.97
Assistant Survey Manager	LSIT	LSIT, EIT + 14 Years of Experience in	\$53.31	\$58.64	\$64.51	\$70.96
Survey Technician III	Computer-Aided Drafting (CAD)	Relevant Credentials + 7 - 10 Years of Relevant Paid Experience in CAD deliverables	\$45.50	\$50.05	\$55.06	\$60.56
Survey Technician II	Computer-Aided Drafting (CAD)	Relevant Credentials + 4 - 7 Years of Relevant Paid Experience in surveying CAD deliverables	\$42.00	\$46.20	\$50.82	\$55.90
Survey Technician I	Computer-Aided Drafting (CAD)	Relevant Credentials + 0-3 Years of Relevant Paid Experience in surveying CAD deliverables	\$33.00	\$36.30	\$39.93	\$43.92
Field Surveyor (CA PLS, Party Chief)	Land Surveying / CA Professional Land Surveyor	Relevant Credentials + Professional Land Surveyor License	\$59.46	\$65.41	\$71.95	\$79.14
Field Surveyor (Certified Party Chief)	Land Surveying	Relevant Credentials + 5 or more years of full-time paid experience as a member of a land survey party	\$58.76	\$64.64	\$71.10	\$78.21
Field Surveyor (Party Chief)	Land Surveying	Relevant Credentials + 2 or more years of full-time paid experience as a member of a land survey party as Party Chief Classification	\$56.71	\$62.38	\$68.62	\$75.48
Field Surveyor (Instrumentman)	Land Surveying	Relevant Credentials + Qualified Participant of the So. Cal. Surveyors Joint Apprenticeship Committee, Chainman Apprentice Program. Completion of Chainman/Rodman work process (6,000 hrs) + ability to operate robotic equipment	\$53.31	\$58.64	\$64.51	\$70.96
Field Surveyor (Chainman)	Land Surveying	Relevant Credentials + Qualified Participant of the So. Cal. Surveyors Joint Apprenticeship Committee, Chainman Apprentice Program. Completion of Chainman/Rodman work process (6,000 hrs)	\$52.73	\$58.00	\$63.80	\$70.18
Survey Apprentice/Chainman/Rodman	Land Surveying	HS/GED/Equivalent + Qualified Participant of the So. Cal. Surveyors Joint Apprenticeship Committee, Chainman Apprentice Program	\$43.47	\$47.82	\$52.60	\$57.86

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² LAWA may or may not, at their sole discretion, accept qualifying licensure and/or credentials from other jurisdictions and/or agencies on a case-by-case basis.

Design Services for VNY Airfield Improvements - Billable Hourly Rates - Diaz Consultants, Inc.

Key Personnel			B	C	D	E = C*D	F = B*E
Name ¹	Title / Role on Project	Company Name	Base Hourly Wage / Salary ²	Company Multiplier Rate ³	Prime Markup Rate ⁴	Grand Total Multiplier Rate ⁵	Grand Total Billable Hourly Rate ⁶
Allen Yourman	Principal	Diaz Yourman & Associates	\$ 110.00	3.4255	1.03	3.5283	\$ 388.11
Christopher Diaz	Principal	Diaz Yourman & Associates	\$ 95.13	3.4255	1.03	3.5283	\$ 335.64
Saroj Weeraratne	Principal	Diaz Yourman & Associates	\$ 82.50	3.4255	1.03	3.5283	\$ 291.08
Somadevan Niranjanan	Principal	Diaz Yourman & Associates	\$ 86.82	3.4255	1.03	3.5283	\$ 306.34
Clint Isa	Principal	Diaz Yourman & Associates	\$ 86.82	3.4255	1.03	3.5283	\$ 306.34
Jorge Sandoval	Senior	Diaz Yourman & Associates	\$ 59.93	3.4255	1.03	3.5283	\$ 211.46
Saul Cuautle	Project II	Diaz Yourman & Associates	\$ 49.50	3.4255	1.03	3.5283	\$ 174.65
Chaitanya Kukutla	Project II	Diaz Yourman & Associates	\$ 45.83	3.4255	1.03	3.5283	\$ 161.69
Beatrice Torres	Project II	Diaz Yourman & Associates	\$ 45.84	3.4255	1.03	3.5283	\$ 161.73
Britton Howay	Project I	Diaz Yourman & Associates	\$ 37.77	3.4255	1.03	3.5283	\$ 133.28
Edward Reinert	Project I	Diaz Yourman & Associates	\$ 41.37	3.4255	1.03	3.5283	\$ 145.96
Nima Mojtahedzadeh	Project I	Diaz Yourman & Associates	\$ 37.86	3.4255	1.03	3.5283	\$ 133.59
Osvaldo Berumen	Staff II	Diaz Yourman & Associates	\$ 33.89	3.4255	1.03	3.5283	\$ 119.58
Ruta Bandziulis	Staff I	Diaz Yourman & Associates	\$ 32.35	3.4255	1.03	3.5283	\$ 114.14
Ashley Scholder	CADD	Diaz Yourman & Associates	\$ 27.03	3.4255	1.03	3.5283	\$ 95.36
Deanna Rose	Technical Editor	Diaz Yourman & Associates	\$ 60.00	3.4255	1.03	3.5283	\$ 211.70
Sandra Diaz	Word Processor	Diaz Yourman & Associates	\$ 35.00	3.4255	1.03	3.5283	\$ 123.49
Multiple	Prevailing Wage (Standard)	Diaz Yourman & Associates	\$ 50.43	3.4255	1.03	3.5283	\$ 177.93
Multiple	Prevailing Wage (Overtime)	Diaz Yourman & Associates			1.03		\$ 203.15
Multiple	Prevailing Wage (Double Overtime)	Diaz Yourman & Associates			1.03		\$ 228.36

¹ At a minimum, all individuals who are included in the Proposal shall be included in this list with their associated billable hourly rates.

² The Base Hourly Wage / Salary [B] shall be based on the actual regular hourly wage / salary paid to the employee for actual regular hours worked (i.e. excludes overtime, bonuses, etc.).

³ The Company Multiplier Rate [C] for each Company shall include their comprehensive overhead costs, profits, and all costs related to the initial relocation of personnel to Los Angeles (if applicable), and shall remain constant for all staff from each company throughout all stages of the project. Project related travel and other ODCs will be reimbured in accordance with Exhibit B: Cost Reimbursable Guidelines. Multipliers on this form shall match multipliers submitted on Design Services for VNY Airfield Improvements - Multiplier Submission form. In the event of a discrepancy, the lower multiplier will govern and will become the multiplier for the duration of the contract.

⁴ The Prime Markup Rate [D] shall include any and all proposed markups, fees, bonds, insurance, etc. to be added to the cost by the Prime for the management of sub-consultants. This shall be the same value for all sub-consultants and shall remain constant throughout all stages of the project. This value shall be 1.0 for the Prime.

⁵ The Grand Total Multiplier Rate [E] shall be calculated as the product of the Company Multiplier Rate [C] and the Prime Markup Rate [D]: E = C*D.

⁶ The Grand Total Billable Hourly Rates [F] shall be calculated as the product of the Base Hourly Wage / Salary [B] and the Grand Total Multiplier Rate [E]: F= B*E. This Grand Total Billable Hourly Rate shall be the all-inclusive amount for which the Prime may expect to be paid by LAWA (including profits, fees, markups, etc. from all tiers) for an hour of work.

Design Services for VNY Airfield Improvements - Maximum Billable Rates - Diaz Consultants, Inc.

Common Positions							
Title / Role on Project	Trades / Examples	Qualifications (i.e. Education, Licensure, Credentials, Relevant Experience)	Maximum Base Hourly Rate ¹ (Year 1)	Maximum Base Hourly Rate ¹ (Year 3)	Maximum Base Hourly Rate ¹ (Year 5)	Maximum Base Hourly Rate ¹ (Year 7)	
Prevailing Wage	Civil, Electrical, Fire Protection, Geotechnical, Mechanical, Plumbing, Structural, Traffic, etc.	BS in Engineering + 0-3 Years of Paid Experience in the Engineering Profession	Based on State of California Department of Industrial Relations (DIR) wage determinations in effect during the corresponding contract year.				
Prevailing Wage (Overtime)		BS in Engineering + 0-3 Years of Paid Experience in the Engineering Profession					
Prevailing Wage (Double Overtime)		BS in Engineering + 0-3 Years of Paid Experience in the Engineering Profession					
Staff I		BS in Engineering + 0-3 Years of Paid Experience in the Engineering Profession	\$ 32.35	\$ 35.67	\$ 39.32	\$ 43.35	
Staff II		BS in Engineering + 3-5 Years of Paid Experience in the Engineering Profession	\$ 33.89	\$ 37.36	\$ 41.19	\$ 45.42	
Project I		As licensed by the CA Board for Professional Engineers ³	BS in Engineering + EIT/PE + 5-8 Years of Paid Experience in the Engineering Profession	\$ 41.37	\$ 45.61	\$ 50.29	\$ 55.44
Project II			BS in Engineering + PE + 5-10 Years of Paid Experience in the Engineering Profession	\$ 49.50	\$ 54.57	\$ 60.17	\$ 66.33
Senior			BS in Engineering + PE + 10-25 Years of Paid Experience in the Engineering Profession	\$ 59.93	\$ 66.07	\$ 72.85	\$ 80.31
Principal			BS in Engineering + PE + 15 or more years of Paid Experience in the Engineering Profession	\$ 110.00	\$ 121.28	\$ 133.71	\$ 147.41
CAD	Subject Matter Experts (SMEs) in Aircraft Support Systems, Airport Management, Building Information Modeling (BIM), Computer-Aided Drafting (CAD), Cost Estimating, Simulations & Modeling, Sustainability, etc.	Relevant Credentials + 5-10 Years of Relevant Paid Experience in Specialty Services	\$ 27.03	\$ 29.80	\$ 32.86	\$ 36.22	
Word Processing		Relevant Credentials + 5-10 Years of Relevant Paid Experience in Specialty Services	\$ 35.00	\$ 38.59	\$ 42.54	\$ 46.90	
Technical Editor		Relevant Credentials + 6-25 years of Relevant Paid Experience in Specialty Services	\$ 60.00	\$ 66.15	\$ 72.93	\$ 80.41	

¹ This Maximum Base Hourly Rate shall be the maximum base rate for which personnel in each position may expect to be paid in accordance with their actual salary. Each base rate will be utilized with the proposed multiplier to form the maximum rate to be paid by LAWA for an hour of work from an employee within each classification.

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Design Services for VNY Airfield Improvements - Billable Hourly Rates - VCA Engineers, Inc.

Key Personnel			B	C	D	E = C*D	F = B*E
Name ¹	Title / Role on Project	Company Name	Base Hourly Wage / Salary ²	Company Multiplier Rate ³	Prime Markup Rate ⁴	Grand Total Multiplier Rate ⁵	Grand Total Billable Hourly Rate ⁶
Virgil C. Aoanan	Principal Civil Engineer	VCA Engineers, Inc.	\$ 75.26	2.9150	1.03	3.0025	\$ 225.96
Mauricio Castro	Project Manager Civil Engineer	VCA Engineers, Inc.	\$ 70.79	2.9150	1.03	3.0025	\$ 212.54
Alex Quinonez	Sr. Project Engineer Civil Engineer	VCA Engineers, Inc.	\$ 64.46	2.9150	1.03	3.0025	\$ 193.54
Gerald Barrera	Engineer Civil Engineer	VCA Engineers, Inc.	\$ 46.57	2.9150	1.03	3.0025	\$ 139.82
Valentin Vasquez	Engineer Civil Engineer	VCA Engineers, Inc.	\$ 46.57	2.9150	1.03	3.0025	\$ 139.82

¹ At a minimum, all individuals who are included in the Proposal shall be included in this list with their associated billable hourly rates.

² The Base Hourly Wage / Salary [B] shall be based on the actual regular hourly wage / salary paid to the employee for actual regular hours worked (i.e. excludes overtime, bonuses, etc.).

³ The Company Multiplier Rate [C] for each Company shall include their comprehensive overhead costs, profits, and all costs related to the initial relocation of personnel to Los Angeles (if applicable), and shall remain constant for all staff from each company throughout all stages of the project. Project related travel and other ODCs will be reimbured in accordance with Exhibit B: Cost Reimbursable Guidelines. Multipliers on this form shall match multipliers submitted on Design Services for VNY Airfield Improvements - Multiplier Submission form. In the event of a discrepancy, the lower multiplier will govern and will become the multiplier for the duration of the contract.

⁴ The Prime Markup Rate [D] shall include any and all proposed markups, fees, bonds, insurance, etc. to be added to the cost by the Prime for the management of sub-consultants. This shall be the same value for all sub-consultants and shall remain constant throughout all stages of the project. This value shall be 1.0 for the Prime.

⁵ The Grand Total Multiplier Rate [E] shall be calculated as the product of the Company Multiplier Rate [C] and the Prime Markup Rate [D]: E = C*D.

⁶ The Grand Total Billable Hourly Rates [F] shall be calculated as the product of the Base Hourly Wage / Salary [B] and the Grand Total Multiplier Rate [E]: F= B*E. This Grand Total Billable Hourly Rate shall be the all-inclusive amount for which the Prime may expect to be paid by LAWA (including profits, fees, markups, etc. from all tiers) for an hour of work.

Design Services for VNY Airfield Improvements - Maximum Billable Rates - VCA Engineers, Inc.

Common Positions						
Title / Role on Project	Trades / Examples	Qualifications (i.e. Education, Licensure, Credentials, Relevant Experience)	Maximum Base Hourly Rate ¹ (Year 1)	Maximum Base Hourly Rate ¹ (Year 3)	Maximum Base Hourly Rate ¹ (Year 5)	Maximum Base Hourly Rate ¹ (Year 7)
Junior Engineer	Civil, Electrical, Fire Protection, Geotechnical, Mechanical, Plumbing, Structural, Traffic, etc.	BS in Engineering + 0-3 Years of Paid Experience in the Engineering Profession				
Engineer		BS in Engineering + EIT/PE + 2-8 Years of Paid Experience in the Engineering Profession	\$ 46.57	\$ 49.36	\$ 52.32	\$ 55.46
Senior Engineer	As licensed by the CA Board for Professional Engineers ³	BS in Engineering + PE + 6-25 Years of Paid Experience in the Engineering Profession	\$ 64.46	\$ 68.33	\$ 72.43	\$ 76.77
Principal Engineer		BS in Engineering + PE + 15 or more years of Paid Experience in the Engineering Profession	\$ 75.26	\$ 79.77	\$ 84.56	\$ 89.63
Junior Project Manager	Other Qualified Professionals with Project Management Professional (PMP) Certification from the Project Management Institute ³	Relevant Credentials (PMP, etc.) + 0-3 Years of Relevant Paid Experience in Project Management				
Project Manager		Relevant Credentials (PMP, etc.) + 2-8 Years of Relevant Paid Experience in Project Management	\$ 70.79	\$ 75.04	\$ 79.54	\$ 84.31
Senior Project Manager		Relevant Credentials (PMP, etc.) + 15 or more years of Relevant Paid Experience in Project Management				
Junior Specialty Consultant	Subject Matter Experts (SMEs) in Aircraft Support Systems, Airport Management, Building Information Modeling (BIM), Computer-Aided Drafting (CAD), Cost Estimating, Simulations & Modeling, Sustainability, etc.	Relevant Credentials + 0-3 Years of Relevant Paid Experience in Specialty Services				
Specialty Consultant		Relevant Credentials + 2-8 Years of Relevant Paid Experience in Specialty Services				
Senior Specialty Consultant		Relevant Credentials + 6-25 years of Relevant Paid Experience in Specialty Services				
Principal Specialty Consultant		Relevant Credentials + 15 or more years of Relevant Paid Experience in Specialty Services				

¹ This Maximum Base Hourly Rate shall be the maximum base rate for which personnel in each position may expect to be paid in accordance with their actual salary. Each base rate will be utilized with the proposed multiplier to form the maximum rate to be paid by LAWA for an hour of work from an employee within each classification.

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Design Services for VNY Airfield Improvements - Billable Hourly Rates - M Lee Corporation

Key Personnel			B	C	D	E = C*D	F = B*E
Name ¹	Title / Role on Project	Company Name	Base Hourly Wage / Salary ²	Company Multiplier Rate ³	Prime Markup Rate ⁴	Grand Total Multiplier Rate ⁵	Grand Total Billable Hourly Rate ⁶
Martin Lee	Chief Estimator	M Lee Corporation	\$ 94.00	2.7192	1.03	2.8008	\$ 263.27
Franklin Lee	Senior Estimator	M Lee Corporation	\$ 76.00	2.7192	1.03	2.8008	\$ 212.86
David Cromb	Senior Estimator	M Lee Corporation	\$ 82.50	2.7192	1.03	2.8008	\$ 231.06
Asia Kan	Senior Estimator	M Lee Corporation	\$ 84.00	2.7192	1.03	2.8008	\$ 235.27
Jessica Grevis	Estimator	M Lee Corporation	\$ 43.00	2.7192	1.03	2.8008	\$ 120.43

¹ At a minimum, all individuals who are included in the Proposal shall be included in this list with their associated billable hourly rates.

² The Base Hourly Wage / Salary [B] shall be based on the actual regular hourly wage / salary paid to the employee for actual regular hours worked (i.e. excludes overtime, bonuses, etc.).

³ The Company Multiplier Rate [C] for each Company shall include their comprehensive overhead costs, profits, and all costs related to the initial relocation of personnel to Los Angeles (if applicable), and shall remain constant for all staff from each company throughout all stages of the project. Project related travel and other ODCs will be reimbured in accordance with Exhibit B: Cost Reimbursable Guidelines. Multipliers on this form shall match multipliers submitted on Design Services for VNY Airfield Improvements - Multiplier Submission form. In the event of a discrepancy, the lower multiplier will govern and will become the multiplier for the duration of the contract.

⁴ The Prime Markup Rate [D] shall include any and all proposed markups, fees, bonds, insurance, etc. to be added to the cost by the Prime for the management of sub-consultants. This shall be the same value for all sub-consultants and shall remain constant throughout all stages of the project. This value shall be 1.0 for the Prime.

⁵ The Grand Total Multiplier Rate [E] shall be calculated as the product of the Company Multiplier Rate [C] and the Prime Markup Rate [D]: E = C*D.

⁶ The Grand Total Billable Hourly Rates [F] shall be calculated as the product of the Base Hourly Wage / Salary [B] and the Grand Total Multiplier Rate [E]: F= B*E. This Grand Total Billable Hourly Rate shall be the all-inclusive amount for which the Prime may expect to be paid by LAWA (including profits, fees, markups, etc. from all tiers) for an hour of work.

Design Services for VNY Airfield Improvements - Maximum Billable Rates

Common Positions						
Title / Role on Project	Trades / Examples	Qualifications (i.e. Education, Licensure, Credentials, Relevant Experience)	Maximum Base Hourly Rate ¹ (Year 1)	Maximum Base Hourly Rate ¹ (Year 3)	Maximum Base Hourly Rate ¹ (Year 5)	Maximum Base Hourly Rate ¹ (Year 7)
Chief Estimator	Estimating	Relevant credentials + 15 years or more of relevant experience	\$95.00	\$104.50	\$114.95	\$126.45
Senior Estimator	Estimating	Relevant credentials + 10 years or more of relevant experience	\$85.00	\$93.50	\$102.85	\$113.14
Estimator	Estimating	Relevant credentials +0 to 5 years of relevant experience	\$50.00	\$55.00	\$60.50	\$66.55

¹ This Maximum Base Hourly Rate shall be the maximum base rate for which personnel in each position may expect to be paid in accordance with their actual salary. Each base rate will be utilized with the proposed multiplier to form the maximum rate to be paid by LAWA for an hour of work from an employee within each classification.

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Design Services for VNY Airfield Improvements - Billable Hourly Rates - Lean Technology Corporation

Key Personnel			B	C	D	E = C*D	F = B*E
Name ¹	Title / Role on Project	Company Name	Base Hourly Wage / Salary ²	Company Multiplier Rate ³	Prime Markup Rate ⁴	Grand Total Multiplier Rate ⁵	Grand Total Billable Hourly Rate ⁶
Doron Lean	Project Manager	Lean Technology Corporation	\$ 115.00	2.6574	1.03	2.7371	\$ 314.77
Paul Hannah	Quality Control Manager	Lean Technology Corporation	\$ 115.38	2.6574	1.03	2.7371	\$ 315.81
Liet Le	Engineer IV	Lean Technology Corporation	\$ 81.00	2.6574	1.03	2.7371	\$ 221.71
Jeff Anderson	Engineer III	Lean Technology Corporation	\$ 76.92	2.6574	1.03	2.7371	\$ 210.54
Jackie Peng	Engineer III	Lean Technology Corporation	\$ 66.11	2.6574	1.03	2.7371	\$ 180.95
Sony Bui	Engineer III	Lean Technology Corporation	\$ 52.89	2.6574	1.03	2.7371	\$ 144.77
Tyler Hawkins	Engineer III	Lean Technology Corporation	\$ 67.31	2.6574	1.03	2.7371	\$ 184.23
Kathleen Virzi	Architect II	Lean Technology Corporation	\$ 41.00	2.6574	1.03	2.7371	\$ 112.22
Alfredo Martinez	Engineer I	Lean Technology Corporation	\$ 33.66	2.6574	1.03	2.7371	\$ 92.13

¹ At a minimum, all individuals who are included in the Proposal shall be included in this list with their associated billable hourly rates.

² The Base Hourly Wage / Salary [B] shall be based on the actual regular hourly wage / salary paid to the employee for actual regular hours worked (i.e. excludes overtime, bonuses, etc.).

³ The Company Multiplier Rate [C] for each Company shall include their comprehensive overhead costs, profits, and all costs related to the initial relocation of personnel to Los Angeles (if applicable), and shall remain constant for all staff from each company throughout all stages of the project. Project related travel and other ODCs will be reimbured in accordance with Exhibit B: Cost Reimbursable Guidelines. Multipliers on this form shall match multipliers submitted on Design Services for VNY Airfield Improvements - Multiplier Submission form. In the event of a discrepancy, the lower multiplier will govern and will become the multiplier for the duration of the contract.

⁴ The Prime Markup Rate [D] shall include any and all proposed markups, fees, bonds, insurance, etc. to be added to the cost by the Prime for the management of sub-consultants. This shall be the same value for all sub-consultants and shall remain constant throughout all stages of the project. This value shall be 1.0 for the Prime.

⁵ The Grand Total Multiplier Rate [E] shall be calculated as the product of the Company Multiplier Rate [C] and the Prime Markup Rate [D]: E = C*D.

⁶ The Grand Total Billable Hourly Rates [F] shall be calculated as the product of the Base Hourly Wage / Salary [B] and the Grand Total Multiplier Rate [E]: F= B*E. This Grand Total Billable Hourly Rate shall be the all-inclusive amount for which the Prime may expect to be paid by LAWA (including profits, fees, markups, etc. from all tiers) for an hour of work.

Design Services for VNY Airfield Improvements - Maximum Billable Rates - Lean Technology Corporation

Common Positions						
Title / Role on Project	Trades / Examples	Qualifications (i.e. Education, Licensure, Credentials, Relevant Experience)	Maximum Base Hourly Rate ¹ (Year 1)	Maximum Base Hourly Rate ¹ (Year 3)	Maximum Base Hourly Rate ¹ (Year 5)	Maximum Base Hourly Rate ¹ (Year 7)
Project Manager	Professional Engineers as licensed by the CA Board for Professional Engineers ²	20+ years of experience. 10+ years managing aviation assignments. California professional engineer.	\$126.50	\$139.15	\$153.07	\$168.37
Quality Assurance / Quality Control	Chief airspace and flight engineer	20+ years of experience. 10+ years managing aviation assignments.	\$126.92	\$139.61	\$153.57	\$168.93

Engineer I	Civil Engineers and Professional Engineers as licensed by the CA (or other state) Board for Professional Engineers	0+ years of experience. Bachelor's degree in engineering from ABET-accredited program.	\$41.86	\$46.05	\$50.65	\$55.72
Engineer II		5+ years of experience. Engineer in Training Licensure required.	\$55.41	\$60.95	\$67.04	\$73.74
Engineer III		10+ years of experience. Professional Engineer in at least one state. Manages and is in responsible charge of discipline team activities.	\$85.80	\$94.38	\$103.82	\$114.20
Engineer IV		15+ years of experience. Professional Engineer in state work is being completed. Manages multidiscipline team of engineers, designers, technicians, and support staff. Serves as a project manager or design manager on large, complex, multidiscipline projects.	\$110.00	\$121.00	\$133.10	\$146.41

Architect I	Architect with a Bachelors Degree in architecture as licensed by the CA Board of Architects.	0+ years of experience. Bachelor's degree in architecture.	\$33.32	\$36.65	\$40.32	\$44.35
Architect II		5+ years of experience. Bachelor's degree in architecture.	\$45.10	\$49.61	\$54.57	\$60.03
Architect III		10+ years of experience. Bachelor's degree in architecture. Manages and is in responsible charge of discipline team activities.	\$77.00	\$84.70	\$93.17	\$102.49
Architect IV		15+ years of experience. Bachelor's degree in architecture. Manages multidiscipline team of engineers, designers, technicians, and support staff. Serves as a project manager or design manager on large, complex, multidiscipline projects.	\$107.36	\$118.10	\$129.91	\$142.90

¹ This Maximum Base Hourly Rate shall be the maximum base rate for which personnel in each position may expect to be paid in accordance with their actual salary. Each base rate will be utilized with the proposed multiplier to form the maximum rate to be paid by LAWA for an hour of work from an employee within each classification.

² LAWA may or may not, at their sole discretion, accept qualifying licensure and/or credentials from other jurisdictions and/or agencies on a case-by-case basis.