

**REPORT FROM**

**OFFICE OF THE CITY ADMINISTRATIVE OFFICER**

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Date: August 14, 2023

CAO File No. 0150-12029-0001

Council File No. 22-0281

Council District: 11

To: The Mayor

From: Matthew W. Szabo, City Administrative Officer

Reference: Correspondence from Los Angeles World Airports Board of Airport Commissioners (Board) dated June 1, 2023 and June 12, 2023; referred by the Mayor for a report on June 1, 2023

Subject: **RESOLUTION NO. 27742 AND PROPOSED SECOND AMENDMENT TO CONTRACTS DA-5456 WITH BIRDI SYSTEMS, INC. AND DA-5457 WITH DIRECT A/V TO SUPPORT ON-CALL INFORMATION TECHNOLOGY INITIATIVES AT LOS ANGELES WORLD AIRPORTS**

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**RECOMMENDATION**

That the Mayor:

1. Approve Los Angeles World Airports (LAWA) proposed Resolution No. 27742 authorizing proposed Second Amendments to Contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V, to add funding of \$10,948,006 and \$1,169,531, respectively, for a total combined amount not-to-exceed \$12,117,537, and extend each term by two years, from January 1, 2024 to December 31, 2025, to support new on-call information technology infrastructure initiatives at Los Angeles World Airports;
2. Adopt the California Environmental Quality Act (CEQA) determinations of the June 12, 2023 Board of Airport Commissioners (Board) Resolution 27742, that this action is exempt from CEQA pursuant to Article II, Section 2(f) and Article III Class 1(1) of the Los Angeles City CEQA Guidelines; and
3. Authorize the LAWA Chief Executive Officer, or designee, to execute the proposed amendment and return the Resolution to LAWA for further processing, including Council consideration.

**SUMMARY**

On June 12, 2023, the Los Angeles World Airports (LAWA) Board of Airport Commissioners (Board) adopted Resolution No. 27742 authorizing approval of the proposed Second Amendments to two Information Technology (IT) Infrastructure contracts: one to Contract DA-5456 with Birdi Systems,

Inc. (Birdi) and the other to Contract DA-5457 with Direct A/V, to facilitate on-call IT initiatives at LAWA. Approval of the proposed Second Amendments will result in two key outcomes: (1) an extension of each term by two years through December 31, 2025, and (2) a funding increase to both contract authorities. Birdi shall receive an additional sum of \$10,948,006, thereby increasing the total contract authority to \$17,841,795. Direct A/V shall receive a funding increase of \$1,169,531, resulting in a total contract authority of \$4,419,531. The cumulative value of both contracts amount to \$22,261,326. Birdi and Direct A/V's (collectively hereinafter referred to as IT Consultants) current on-call contracts were executed on August 26, 2020 and August 27, 2020, respectively, and each contract effectively expires on December 31, 2023.

The proposed Amendments to the contracts have been approved as to form by the City Attorney. Pursuant to Charter Section 373 and Los Angeles Administrative Code Section 10.5, Council approval is required because the cumulative contract term exceeds three years. Our Office has reviewed the request and recommends approval.

## **BACKGROUND**

On June 1, 2023 and June 12, 2023, the Board approved a LAWA staff report and Resolution 27742 requesting approval to execute proposed Second Amendments with Birdi and Direct A/V to cover IT infrastructure installations and related services for ongoing LAWA initiatives. The Department relies on professional services contracts to provide specialized expertise not readily available through City resources. The use of professional IT consultants enables LAWA the flexibility to quickly adapt to technological changes, and implement technology enhancements to support large-scale projects without creating negative impacts to the Los Angeles International Airport's (LAX) operations. Insufficient infrastructure to sustain LAWA's IT systems could result in a significant compromise to the safety, security, and operations of the airport.

*Critical IT Initiatives* - Approval of the proposed Second Amendment will allow further advancement of the Department's key infrastructure technology projects such as the Closed Circuit Television (CCTV) Phase II Camera Installation and the Tom Bradley International Terminal (TBIT) Departure (FIDS) Flight Information Display Systems.

*The CCTV Phase II Camera Installation* project aims to install 470 security cameras in high-priority areas to ensure uninterrupted video surveillance and eliminate any coverage gaps in the public, sterile areas, and terminals of the airport. LAWA requested and received quotes from Birdi and Direct A/V to perform the scope of work. Birdi was granted authorization to perform the services because LAWA found Birdi's quote to be approximately 16 percent lower than that of Direct A/V. The target timeline to complete the project is 18 months after LAWA issues a formalized Notice to Proceed.

*The TBIT Departure FIDS* initiative at LAX is currently underway with Direct A/V. The IT consultant is installing state-of-the-art digital display boards to provide real-time or near real-time flight information in the ticketing lobby and other locations at the TBIT. The computerized system will inform passengers of boarding gates, arriving and departing times, destinations, as well as notifications of any flight delays or cancellations. Updating the FIDS

will reduce airport congestion and enhance communication between airlines and passengers. The project commenced on May 15, 2023 and is scheduled to be completed during the fourth quarter of 2023.

**Cost and Funding** – Department staff indicated that an estimated amount of 99.9 percent or \$6,888,298 out of the total appropriation of \$6,893,789 for the Birdi contract has been exhausted, whereas roughly 26 percent or \$851,131 of the allocated amount of \$3,250,000 for the Direct A/V contract has been expended. The remaining balance for each contract amounts to \$5,491 for Birdi, and \$2,398,869 for Direct A/V. LAWA reports that there is insufficient funding remaining in the respective contract authorities to complete the pending projects. Approval of a Second Amendment to extend the term and add financial resources will enable LAWA's IMT Division sufficient time and capital to engage in collaborative efforts with Birdi and Direct A/V to complete the projects over the next two years. The table below summarizes the contract activities and the additional funds necessary to execute the projects included in the Second Amendment:

<b>Contract Authority and Expenditures:</b> <b>Birdi Systems, Inc. Contract - No. DA-5456 and Direct A/V Contract - No. DA-5457</b>		
	<b>Birdi Systems, Inc.</b>	<b>Direct A/V</b>
Description of Budget Activities	Amount	Amount
Original Contract Authority, August 2020	\$3,250,000	\$3,250,000
First Amendment Increase, December 2021	<u>\$3,643,789</u>	<u>\$0</u>
<b>Current Contract Value</b>	<b>\$6,893,789</b>	<b>\$3,250,000</b>
Total Contract Expenditures	<u>(\$6,888,298)</u>	<u>(\$851,131)</u>
<b>Remaining Contract Value</b> (Current Contract Value less Total Contract Expenditures)	<b>\$5,491</b>	<b>\$2,398,869</b>
Proposed Second Amendment Amount	\$10,948,006	\$1,169,531
<b>New Funding Available</b> (Remaining Contract Value plus Proposed Second Amendment Increase)	<b>\$10,953,497</b>	<b>\$3,568,400</b>
<b>New Contract Authority</b> (Current Contract Value plus Proposed Second Amendment Amount)	<b>\$17,841,795</b>	<b>\$4,419,531</b>

The proposed Second Amendment to the contracts with Birdi and Direct A/V are additionally linked to a distinct agreement with Integrated Security Solutions, Inc. (ISSI), which functions as the integrator for the camera systems. After Birdi installs the surveillance cameras as part of the CCTV Phase II New Camera Installation project, ISSI will assume the responsibility for integrating the cameras into LAWA's video management system to allow the Department's staff to manage and sort through video images in real-time.

## **CITY COMPLIANCE**

The Department's Procurement Services Division staff reviewed this action (File No. 9038) and established mandatory Business Enterprise goals of 20 percent Small Business Enterprise (SBE), five percent Local Business Enterprise (LBE), and three percent Local Small Business Enterprise (LSBE). As reported by LAWA staff, Birdi Systems, Inc. and Direct A/V committed to 100 percent participation levels for SBE, LBE, and LSBE. To date, both IT consultants have achieved 100 percent participation levels for each of the noted Business Enterprise categories by virtue of their

status as certified LSBE firms.

*California Environmental Quality Act (CEQA)* – On June 1, 2023, the Board determined that the proposed Second Amendment to the contracts with Birdi Systems, Inc. and Direct A/V to support new on-call IT infrastructure initiatives at Los Angeles World Airports will not directly impact the environment and is exempt from CEQA pursuant to Article II, Section 2(f) and Article III Class 1(1) of the Los Angeles City CEQA Guidelines.

The proposed Agreement includes provisions to ensure compliance with applicable City Ordinances, contracting, and insurance requirements. The City Attorney has reviewed and approved the proposed Second Amendments. In accordance with Charter Section 373 and Administrative Code Section 10.5(a) and 10.5 (b)(2), the Contract requires Council approval because the total term of the Agreement exceeds three years. Our Office recommends approval.

## **FISCAL IMPACT STATEMENT**

Approval of the proposed Second contract Amendments to Los Angeles World Airports' Contract DA-5456 with Birdi Systems, Inc. to increase the contract authority by \$10,948,006 for a total amount not-to-exceed \$17,841,795, and further increase the contract authority for Contract DA-5457 with Direct A/V by \$1,169,531 for a total amount not-to-exceed \$4,419,531, and extend both contracts by two years, through December 31, 2025, to facilitate on-call IT initiatives at LAWA will have no impact on the City's General Fund. The cost of the proposed amendment will be financed through a combination of Los Angeles World Airports' operating budget and capital budget. The capital budget for the CCTV Phase II, New Camera Installation project is programmed in LAWA's 10-year Capital Improvement Plan (CIP), with a direct budget of \$21,733,255. Accordingly, costs associated with the proposed Second Amendments will not result in a net increase to the Department's CIP. Costs for operating expenses are available in the Fiscal Year 2022-23 Los Angeles World Airports Operating Budget Cost Center 1170003 - IT Infrastructure Technology Office, Commitment Items 104 and 520 – Assets and Contractual Services. Funding for subsequent years will be requested as part of LAWA's annual budget process. The actions of the proposed Agreements comply with the Los Angeles World Airports' adopted Financial Policies.

Attachment 1 – June 1, 2023 BOAC Report and June 12, 2023 Resolution No. 27742

MWS/PJH/BC/JVW:DLG:10240010



June 07, 2023

The Honorable Karen Bass  
Mayor, City of Los Angeles  
City Hall – Room 303  
Los Angeles, CA 90012

ATTN: Heleen Ramirez, Legislative Coordinator  
ATTN: Thomas Arechiga, Deputy Legislative Coordinator

LAX

Van Nuys

City of Los Angeles

Karen Bass  
Mayor

Board of Airport  
Commissioners

Beatrice C. Hsu  
President

Valeria C. Velasco  
Vice President

Vanessa Aramayo  
Matthew M. Johnson  
Nicholas P. Roxborough  
Karim Webb

Justin Erbacci  
Chief Executive Officer

RE: Request to approve the Second Amendment to Information Technology Infrastructure contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V

In accordance with Executive Directive No. 4, we are transmitting a copy of the specified board report for the request to approve the Second Amendment to Information Technology Infrastructure contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V, to extend the contract terms to December 31, 2025; and to increase the contract authority for Birdi Systems, Inc. in the amount of \$10,948,006, and for Direct A/V in an amount of \$1,169,531, for a combined total increase in contract authority of \$12,117,537.

City Council approval is required pursuant to Section 373 of the Los Angeles City Charter.

Sincerely,

A handwritten signature in black ink, appearing to be "Justin Erbacci", written over a circular stamp.

Justin Erbacci  
Chief Executive Officer

JPE:MSA:ksf  
Attachments



 <p><b>Report to the</b></p> <p><b>BOARD OF AIRPORT COMMISSIONERS</b></p>																										
<p><i>Aura Moore</i></p> <p>Approver: _____</p> <p style="text-align: center;">Aura Moore, Deputy Executive Director and Chief Information Officer</p> <p><i>Brian C. Ostler</i></p> <p>Reviewer: _____</p> <p style="text-align: center;">Brian C. Ostler, City Attorney</p> <p><i>Justin Erbacci</i></p> <p>_____</p> <p style="text-align: center;">Justin Erbacci (May 26, 2023 09:17 PDT)</p> <p style="text-align: center;">Justin Erbacci, Chief Executive Officer</p>	<p><u>Meeting Date</u></p> <p style="text-align: center;">6/1/2023</p> <hr/> <p>Needs Council Approval: <input checked="" type="checkbox"/> Y</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Reviewed for/by</th> <th style="text-align: left;">Date</th> <th style="text-align: left;">Approval Status</th> <th style="text-align: left;">By</th> </tr> </thead> <tbody> <tr> <td>Finance</td> <td>5/24/2023</td> <td><input checked="" type="checkbox"/> Y <input type="checkbox"/> NA</td> <td>JS</td> </tr> <tr> <td>CEQA</td> <td>5/15/2023</td> <td><input checked="" type="checkbox"/> Y</td> <td>MO</td> </tr> <tr> <td>Procurement</td> <td>5/16/2023</td> <td><input checked="" type="checkbox"/> Y <input type="checkbox"/> Cond</td> <td>BG</td> </tr> <tr> <td>Guest Experience</td> <td>5/18/2023</td> <td><input checked="" type="checkbox"/> Y</td> <td>TB</td> </tr> <tr> <td>Strategic Planning</td> <td>5/16/2023</td> <td><input checked="" type="checkbox"/> Y</td> <td>BNZ</td> </tr> </tbody> </table>		Reviewed for/by	Date	Approval Status	By	Finance	5/24/2023	<input checked="" type="checkbox"/> Y <input type="checkbox"/> NA	JS	CEQA	5/15/2023	<input checked="" type="checkbox"/> Y	MO	Procurement	5/16/2023	<input checked="" type="checkbox"/> Y <input type="checkbox"/> Cond	BG	Guest Experience	5/18/2023	<input checked="" type="checkbox"/> Y	TB	Strategic Planning	5/16/2023	<input checked="" type="checkbox"/> Y	BNZ
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Strategic Planning	5/16/2023	<input checked="" type="checkbox"/> Y	BNZ																							

## SUBJECT

Request to approve the Second Amendment to Information Technology Infrastructure contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V, to extend the contract terms to December 31, 2025; and to increase the contract authority for Birdi Systems, Inc. in the amount of \$10,948,006, and for Direct A/V in an amount of \$1,169,531, for a combined total increase in contract authority of \$12,117,537.

## RECOMMENDATIONS

Management RECOMMENDS that the Board of Airport Commissioners:

1. ADOPT the Staff Report.
2. DETERMINE that this action is exempt from the California Environmental Quality Act (CEQA) pursuant to Article II, Section 2.f and Article III, Class 1 (1) of the Los Angeles City CEQA Guidelines.
3. FIND that the work can be performed more economically or feasibly by an independent contractor than by City employees.
4. FURTHER FIND that, pursuant to Los Angeles Administrative Code Section 10.15(a)(10) and Los Angeles Charter Section 371(e)(10), the services to be provided under this contract involve the performance of professional, expert, technical, and other special services such that the use of competitive bidding would be impractical and undesirable.

5. APPROVE the Second Amendment to Contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V to extend the contract terms to December 31, 2025; and to increase the contract authority for Birdi Systems, Inc. in the amount of \$10,948,006, and for Direct A/V in an amount of \$1,169,531 for a combined total not-to-exceed increase in contract authority amount of \$12,117,537, to support On-Call IT Initiatives.
6. AUTHORIZE the Chief Executive Officer, or designee, to execute the Second Amendment to both contracts after approval as to form by the City Attorney and approval by the Los Angeles City Council.

## DISCUSSION

### 1. Purpose

The purpose of the proposed action is to extend the contract terms for Contracts DA-5456 and DA-5457 to December 31, 2025, and increase the contract authority with Birdi Systems and Direct AV to support new on-call Information Technology Initiatives at Los Angeles World Airports (LAWA). These on-call contracts provide IT infrastructure installation and related services to support many technology and construction programs and projects.

### 2. Prior Related Actions/History of Board Actions

- **July 16, 2020 – Resolution No. 27064 (DA-5456, DA-5457)**

The Board of Airport Commissioners (Board) approved the award of one-year contracts, with two one-year renewal options, to Birdi Systems, Inc. and Direct A/V covering on-call information technology infrastructure operations support services for Los Angeles World Airports, for an amount not to exceed \$3,250,000 each for a combined total of \$6,500,000. These contracts commenced on August 26, 2020, and August 27, 2020, respectively, for a one-year term and included two one-year options to extend. Prior to the end of the initial term, LAWA exercised an option to extend the contract with Birdi Systems, Inc. to August 25, 2022, and with Direct A/V to August 26, 2022.

- **December 16, 2021 – Resolution No. 27404 (DA-5456A, DA-5457A)**

The Board approved the First Amendment to Contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V to extend the contract terms to December 31, 2023, to increase the contract authority for Birdi Systems, Inc. in an amount of \$3,643,789, for a total of \$6,893,789, for a combined not-to-exceed total amount of \$10,143,789 to support On-Call IT Infrastructure Operations Support Services and IT Capital Projects.

- **September 1, 2022 – Resolution No. 27579**

The Board appropriated funds for the CCTV Phase II Project, based on the Capital Improvement Plan (CIP) direct budget for the project of \$21,733,255.

### 3. Background

Los Angeles World Airports currently uses on-call infrastructure contracts to provide project and operations support services to address various IT infrastructure needs. These on-call contracts provide IT infrastructure installation and related services to support many technology and construction programs and projects that provide a safe airport environment

and improve operations and the guest experience. Services from these contracts have been used to implement infrastructure and technology for multiple projects at Los Angeles International Airport (LAX), including projects such as:

- Midfield Satellite Concourse Art Program – LED/LCD Monitor Installation for Two Digital Art Exhibits
- Midfield Satellite Concourse Customs & Border Protection Interlock Modifications
- Tom Bradley International Terminal IT Pylon Flight Information Display System – Monitor/Workstation Upgrades
- ACAMS Phase 2 – West Gate at TBIT, T1.5 and Taxiway P

#### **4. Current Action/Rationale**

Los Angeles World Airports' Information Management Technology (IMT) Division will be implementing the following capital and operating projects over the next two years under the proposed Second Amendment to the On-Call IT Infrastructure Services contracts:

##### The Closed Circuit Television (CCTV) Phase II New Camera Installation:

As part of the CCTV Phase II project, this scope of work received capital strategy approval in April 2023. It consists of the installation of 470 CCTV cameras and conduit and cable infrastructure in high-priority locations that currently do not have sufficient camera coverage. The cameras will be installed in Terminals 1–2 and 5–8, the Tom Bradley International Terminal (TBIT) West, Terminal 4 Connector, and the Skyview roof (to view north and south runways and roadways). Los Angeles World Airports requested and received quotes from Birdi Systems, Inc. and Direct A/V. Birdi Systems was selected to perform the work as their quote was lower than Direct A/V's by approximately 16 percent. This project is scheduled to be completed within 18 months of the issuance of the Notice to Proceed and is estimated to cost \$10,038,497.

Supporting the installation of the cameras is the configuration and integration of these 470 cameras to the Genetec Video Management System by Integrated Security Solutions, Inc. The LAWA IMT Division is requesting an amendment for Integrated Security Solutions, Inc. as well, under a separate board action, to work in conjunction with Birdi Systems, Inc. to complete the New Camera Installation project.

##### Tom Bradley International Terminal Departure Flight Information Display System (FIDS) Replacement:

The Tom Bradley International Terminal has had more than 2.6 million guests move through the facility in the past 12 months. With 40 gates, TBIT is the primary international terminal at LAX and often provides the first (and last) impression for guests of both Los Angeles and the United States. The major electronic displays that provide flight information in the ticketing lobby and other locations at TBIT have not been upgraded in decades, with some dating back to the Los Angeles Olympics of 1984. Some of the displays in the ticketing lobby and other areas have been disabled entirely because they have not worked in years and are beyond repair.

More contemporary display technologies (such as LED) are now available and can greatly enhance the guest experience throughout the entire TBIT arrival and departure areas. It is planned to use new digital display boards that will provide vibrant presentation of relevant, real-time information about flights, gates, check-in, security, wayfinding, etc., that is of great value to the guest experience. The On-Call Infrastructure contract will be used to perform the installation of the new digital display boards. Direct A/V was selected to perform this work. The estimate for the installation of these digital display boards is \$2,653,400.

#### Network Upgrades Project:

Materials and services are required to perform infrastructure and electrical upgrades and design and build fiber optic circuits that are used to support the replacement of core and distribution network switches and routers. This work is part of the ongoing effort to replace End-of-Support (EOS)/End-of-Life (EOL) equipment in TBIT West, Terminal 5, Terminal 6, and the Administration East building. The estimated cost for this work is \$915,000. Funding authority is added to each contract to allow each company the opportunity to compete for work.

Estimated services and expenditures under the Second Amendment are as follows:

Company Name	Current Contract Authority	Expenditures To-Date	Remaining Contract Authority	Total Second Amendment Costs	Second Amendment Contract Authority Needed	New Contract Authority
Birdi Systems, Inc.	\$6,893,789	\$6,888,298	\$5,491	\$10,953,497	\$10,948,006	\$17,841,795
Direct A/V	\$3,250,000	\$851,131	\$2,398,869	\$3,568,400	\$1,169,531	\$4,419,531
<b>Combined Total</b>	<b>\$10,143,789</b>	<b>\$7,739,429</b>	<b>\$2,404,360</b>	<b>\$14,521,897</b>	<b>\$12,117,537</b>	<b>\$22,261,326</b>

Birdi Systems, Inc. and Direct A/V are registered Small Business Enterprise (SBE) and Local Business Enterprise (LBE) firms and, thus, will achieve 100 percent SBE and LBE participation.

#### ***How This Action Advances a Specific Strategic Plan Goal and Objective***

This action advances this strategic goal and objective: *Deliver Facilities & Guest Experiences that are Exceptional: Develop, maintain and operate first class facilities.* The proposed amendment will enable the IMT Division to enhance safety and security in the terminals, provide state-of-the-art-technology in our facilities, and ensure foundational network infrastructure supports security and operational systems and services.

## **5. Fiscal Impact**

Los Angeles World Airports will use a combination of operating and capital funds for the above projects. Capital budget for the CCTV Phase II project is programmed in LAWA's Capital Improvement Plan (CIP), with a direct budget of \$21,733,255 including hard costs, soft costs, and project contingency. As the \$10,038,497 of capital costs associated with this action already are included as part of the CCTV Phase II budget, approval of this action will result in no net increase to the CIP.

## 6. Alternatives Considered

- **Take No Action**

Without the proposed amendment, LAWA will not have sufficient resources to provide the necessary IT infrastructure and related services that are critical to support the projects listed above. For those reasons, taking no action is not recommended.

## APPROPRIATIONS

No capital appropriations are requested as part of this action. Funds for this contract are available in the Fiscal Year 2022-2023 Los Angeles World Airports Operating Budget Cost Center 1170003 – IT Infrastructure Technology Office, Commitment Items 104 and 520 –Assets and Contractual Services. Funding for subsequent years will be requested as part of the annual budget process.

## STANDARD PROVISIONS

1. This action, as a continuing administrative activity, is exempt from California Environmental Quality Act (CEQA) requirements pursuant to Article II, Section 2.f of the Los Angeles City CEQA Guidelines. And interior or exterior alterations involving remodeling or minor construction where there be negligible or no expansion of use is exempt from California Environmental Quality Act (CEQA) requirements pursuant to Article III, Class 1 (1).
2. The proposed document(s) is/are subject to approval as to form by the City Attorney.
3. Actions taken on this item by the Board of Airport Commissioners will become final pursuant to the provisions of Los Angeles City Charter Section 373.
4. Birdi Systems, Inc. and Direct A/V will comply with the provisions of the Living Wage Ordinance.
5. Procurement Services has reviewed this action (File No. 9038) and established mandatory goals of 20% SBE, 5% LBE, and 3% LSBE. Birdi Systems, Inc. committed to 100% SBE, 100% LBE, and 100% LSBE. Direct A/V committed to 100% SBE, 100% LBE, and 100% LSBE. As a certified LSBE firm, Birdi Systems, Inc. and Direct A/V are credited with 100% SBE/LBE participation.
6. Birdi Systems, Inc. and Direct A/V are required by contract to comply with the provisions of the Affirmative Action Program.
7. Birdi Systems, Inc. have been assigned Business Tax Registration Certificate No. 0002162248-0001-3. Direct A/V has been assigned Business Tax Registration Certificate No. 0000943863-0001-6.
8. Birdi Systems, Inc. and Direct A/V are required by contract to comply with the provisions of the Child Support Obligations Ordinance.
9. Birdi Systems, Inc. and Direct A/V have approved insurance documents, in the terms and amounts required, on file with the Los Angeles World Airports.

10. Pursuant to Charter Section 1022, staff determined the work specified on the proposed contract can be performed more feasibly or economically by an Independent Contractor than by City employees.
11. Birdi Systems, Inc. and Direct A/V have submitted the Contractor Responsibility Program Questionnaire and Pledge of Compliance and will comply with the provisions of the Contractor Responsibility Program.
12. Birdi Systems, Inc. and Direct A/V have been determined by Public Works, Office of Contract Compliance to be in compliance with the provisions of the Equal Benefits Ordinance.
13. This action is not subject to the provisions of the First Source Hiring Program.
14. Birdi Systems, Inc. and Direct A/V have submitted the Bidder Contributions CEC Form 55 and will comply with its provisions.
15. Birdi Systems, Inc. and Direct A/V have submitted the MLO Bidder Contributions CEC Form 50 and will comply with its provisions.
16. Birdi Systems, Inc. and Direct A/V will comply with the provisions of the Iran Contracting Act.

June 12, 2023

The Honorable City Council  
of the City of Los Angeles  
(via email)

**Subject:** Second Amendment to Contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V

LAX  
Van Nuys  
City of Los Angeles

Karen Bass  
Mayor

Board of Airport  
Commissioners

Beatrice C. Hsu  
President

Valeria C. Velasco  
Vice President

Vanessa Aramayo  
Matthew M. Johnson  
Nicholas P. Roxborough  
Karim Webb

Justin Erbacci  
Chief Executive Officer

Pursuant to Section 373 of the City Charter, enclosed for your approval are the Second Amendment to Contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V that were approved by the Board of Airport Commissioners at its June 1, 2023 meeting. There is no impact to the General Fund.

**RECOMMENDATIONS FOR CITY COUNCIL:**

1. Adopt the determination by said Board that this action is exempt from the California Environmental Quality Act (CEQA) pursuant to Article II, Section 2.f and Article III, Class 1 (1) of the Los Angeles City CEQA Guidelines; and
2. Approve the Second Amendment to Contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V to extend both contracts' terms through December 31, 2025 and increase their contract authorities by \$10,948,006 and \$1,169,531, respectively, covering information technology infrastructure installation and related services for Los Angeles World Airports; and
3. Concur with said Board's action on June 1, 2023, by Resolution 27742, authorizing the Chief Executive Officer, or designee, of Los Angeles World Airports to execute said Second Amendment to Contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V.

Very truly yours,



Grace Miguel, Commission Executive Assistant II  
BOARD OF AIRPORT COMMISSIONERS

Enclosures

cc: Trade, Travel and Tourism Committee  
Councilmember Park, e-file  
Councilmember McOsker, e-file  
Councilmember Soto-Martinez, e-file  
CAO (Airport Analyst), e-file  
CLA (Airport Analyst), e-file  
City Clerk's Office, e-file



RESOLUTION NO. 27742

WHEREAS, on recommendation of Management, there was presented for approval, Second Amendment to Contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V to extend both contracts' terms through December 31, 2025 and increase their contract authorities by \$10,948,006 and \$1,169,531, respectively, covering information technology infrastructure installation and related services for Los Angeles World Airports; and

WHEREAS, Los Angeles World Airports (LAWA) currently uses on-call infrastructure contracts to provide project and operations support services to address various information technology (IT) infrastructure needs. Services from said contracts have been used to implement infrastructure and technology for multiple projects at Los Angeles International Airport (LAX), including:

- Midfield Satellite Concourse (MSC) Art Program – LED/LCD monitor installation for two digital art exhibits
- MSC Customs & Border Protection interlock modifications
- Tom Bradley International Terminal (TBIT) IT pylon flight information display system (FIDS) – monitor/workstation upgrades
- Access Control and Alarm Monitoring Systems (ACAMS) Phase 2 – West Gate at TBIT, Terminal 1.5 and Taxiway P; and

WHEREAS, LAWA Information Management Technology (IMT) Division will be implementing the following capital and operating projects over the next two (2) years under the Second Amendment to both contracts:

• The Closed Circuit Television (CCTV) Phase II New Camera Installation:

As part of the CCTV Phase II project, this scope of work received capital strategy approval in April 2023. It consists of the installation of 470 CCTV cameras and conduit and cable infrastructure in high-priority locations that currently do not have sufficient camera coverage. The cameras will be installed in Terminals 1–2 and 5–8, TBIT West, Terminal 4 Connector, and the Skyview roof (to view north and south runways and roadways). LAWA requested and received quotes from Birdi Systems, Inc. (Birdi) and Direct A/V. Birdi was selected to perform the work as its quote was lower than Direct A/V's by approximately 16%. The project is scheduled to be completed within 18 months of issuance of the Notice to Proceed, and is estimated to cost \$10,038,497.

Supporting the installation of the cameras is the configuration and integration of said 470 cameras to the Genetec Video Management System by Integrated Security Solutions, Inc., which under an amendment to its contract, will work in conjunction with Birdi to complete the New Camera Installation project.

• TBIT Departure FIDS Replacement:

TBIT has had more than 2.6 million guests move through the facility in the past 12 months. With 40 gates, TBIT is the primary international terminal at LAX and often provides the first (and last) impression for guests of both Los Angeles and the United States. The major electronic displays that provide flight information in the ticketing lobby and other locations in TBIT have not been upgraded in decades, with some dating back to the Los Angeles Olympics of 1984. Some of the displays in the ticketing lobby and other areas have been disabled entirely because they have not worked in years and are beyond repair.

LAX

Van Nuys

City of Los Angeles

Karen Bass  
Mayor

Board of Airport  
Commissioners

Beatrice C. Hsu  
President

Valeria C. Velasco  
Vice President

Vanessa Aramayo  
Matthew M. Johnson  
Nicholas P. Roxborough  
Karim Webb

Justin Erbacci  
Chief Executive Officer



More contemporary display technologies (such as LED) are now available and can greatly enhance guest experience throughout the entire TBIT arrival and departure areas. It is planned to use new digital display boards that will provide vibrant presentation of relevant, real-time information about flights, gates, check-in, security, wayfinding, etc., that is of great value to guest experience. The contract will be used to perform the installation of the new digital display boards. Direct A/V was selected to perform the work. The estimate for installation of said digital display boards is \$2,653,400.

- Network Upgrades Project:

Materials and services are required to perform infrastructure and electrical upgrades and design and build fiber optic circuits that are used to support the replacement of core and distribution network switches and routers. The work is part of the ongoing effort to replace end-of-support/end-of-life equipment in TBIT West, Terminal 5, Terminal 6, and the Administration East building. The estimated cost for the work is \$915,000. Funding authority is added to each contract to allow each company the opportunity to compete for work; and

WHEREAS, following are the estimated services and expenditures under the Second Amendment:

	Birdi	Direct A/V	Combined Totals
Current Contract Authority	\$ 6,893,789	\$3,250,000	\$10,143,789
Expenditures to date	6,888,298	851,131	7,739,429
Remaining Contract Authority	\$ 5,491	\$2,398,869	\$ 2,404,360
Total Second Amendment Costs	10,953,497	3,568,400	14,521,897
Contract Authority Needed	\$10,948,006	\$1,169,531	\$12,117,537
New Contract Authority	\$17,841,795	\$4,419,531	\$22,261,326; and

WHEREAS, funds for the contracts are available in the Fiscal Year 2022-2023 LAWA Operating Budget Cost Center 1170003 – IT Infrastructure Technology Office, Commitment Items 104 and 520 – Assets and Contractual Services. Funding for subsequent years will be requested as part of the annual budget process; and

WHEREAS, this action, as a continuing administrative activity, is exempt from California Environmental Quality Act (CEQA) requirements pursuant to Article II, Section 2.f of the Los Angeles City CEQA Guidelines. And interior or exterior alterations involving remodeling or minor construction where there be negligible or no expansion of use is exempt from CEQA requirements pursuant to Article III, Class 1 (1); and

WHEREAS, Birdi and Direct A/V will comply with the provisions of the Living Wage Ordinance and the Iran Contracting Act; and

WHEREAS, Procurement Services has reviewed this action (File 9038) and established mandatory goals of 20% Small Business Enterprise (SBE), 5% Local Business Enterprise (LBE), and 3% Local Small Business Enterprise (LSBE). Both Birdi and Direct A/V committed to 100% SBE, 100% LBE, and 100% LSBE. As certified LSBE firms, Birdi and Direct A/V are credited with 100% SBE/LBE participation; and

WHEREAS, Birdi and Direct A/V are required by contract to comply with the provisions of the Affirmative Action Program and Child Support Obligations Ordinance; and

WHEREAS, Birdi and Direct A/V have been assigned Business Tax Registration Certificates 0002162248-0001-3 and 0000943863-0001-6, respectively; and

More contemporary display technologies (such as LED) are now available and can greatly enhance guest experience throughout the entire TBIT arrival and departure areas. It is planned to use new digital display boards that will provide vibrant presentation of relevant, real-time information about flights, gates, check-in, security, wayfinding, etc., that is of great value to guest experience. The contract will be used to perform the installation of the new digital display boards. Direct A/V was selected to perform the work. The estimate for installation of said digital display boards is \$2,653,400.

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WHEREAS, Birdi and Direct A/V are required by contract to comply with the provisions of the Affirmative Action Program and Child Support Obligations Ordinance; and

WHEREAS, Birdi and Direct A/V have been assigned Business Tax Registration Certificates 0002162248-0001-3 and 0000943863-0001-6, respectively; and

WHEREAS, Birdi and Direct A/V have approved insurance documents, in the terms and amounts required, on file with LAWA; and

WHEREAS, pursuant to Charter Section 1022, staff determined that the work specified on the contracts can be performed more feasibly or economically by an Independent Contractor than by City employees; and

WHEREAS, Birdi and Direct A/V have submitted the Contractor Responsibility Program Questionnaire and Pledge of Compliance, and will comply with the provisions of said program; and

WHEREAS, Birdi and Direct A/V have been determined by Public Works, Office of Contract Compliance to be in compliance with the provisions of the Equal Benefits Ordinance; and

WHEREAS, Birdi and Direct A/V have submitted the Bidder Contributions CEC Form 55 and MLO Bidder Contributions CEC Form 50, and will comply with their provisions; and

WHEREAS, actions taken on this item by the Board of Airport Commissioners will become final pursuant to the provisions of Los Angeles City Charter Section 373;

NOW, THEREFORE, BE IT RESOLVED that the Board of Airport Commissioners adopted the Staff Report; determined that this action is exempt from the California Environmental Quality Act (CEQA) pursuant to Article II, Section 2.f and Article III, Class 1 (1) of the Los Angeles City CEQA Guidelines; found that the work can be performed more economically or feasibly by an independent contractor than by City employees; further found that, pursuant to Los Angeles Administrative Code Section 10.15 (a)(10) and Los Angeles Charter Section 371 (e)(10), the services to be provided under the contracts involve performance of professional, expert, technical, and other special services such that use of competitive bidding would be impractical and undesirable; approved the Second Amendment to Contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V to extend both contracts' terms through December 31, 2025 and increase their contract authorities by \$10,948,006 and \$1,169,531, respectively, covering information technology infrastructure installation and related services for Los Angeles World Airports; and authorized the Chief Executive Officer, or designee, to execute said Second Amendment to Contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V after approval as to form by the City Attorney and approval by the Los Angeles City Council.

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I hereby certify that this Resolution No. 27742 is true and correct, as adopted by the Board of Airport Commissioners at its Regular Meeting held on Thursday, June 1, 2023.

A handwritten signature in blue ink, appearing to read "Grace Miguel".

Grace Miguel – Secretary  
BOARD OF AIRPORT COMMISSIONERS

WHEREAS, Birdi and Direct A/V have approved insurance documents, in the terms and amounts required, on file with LAWA; and

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NOW, THEREFORE, BE IT RESOLVED that the Board of Airport Commissioners adopted the Staff Report; determined that this action is exempt from the California Environmental Quality Act (CEQA) pursuant to Article II, Section 2.f and Article III, Class 1 (1) of the Los Angeles City CEQA Guidelines; found that the work can be performed more economically or feasibly by an independent contractor than by City employees; further found that, pursuant to Los Angeles Administrative Code Section 10.15 (a)(10) and Los Angeles Charter Section 371 (e)(10), the services to be provided under the contracts involve performance of professional, expert, technical, and other special services such that use of competitive bidding would be impractical and undesirable; approved the Second Amendment to Contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V to extend both contracts' terms through December 31, 2025 and increase their contract authorities by \$10,948,006 and \$1,169,531, respectively, covering information technology infrastructure installation and related services for Los Angeles World Airports; and authorized the Chief Executive Officer, or designee, to execute said Second Amendment to Contracts DA-5456 with Birdi Systems, Inc. and DA-5457 with Direct A/V after approval as to form by the City Attorney and approval by the Los Angeles City Council.

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BOARD OF AIRPORT COMMISSIONERS