



Los Angeles  
World Airports

RESOLUTION NO. 27052

BE IT RESOLVED that, on recommendation of Management, the Board of Airport Commissioners approved Change Order 5 to Contract DA-5262 with Austin Commercial, LP, for cost of \$5,900,000, covering design and construction services for the Terminal Cores and Automated People Mover Interface Project at Los Angeles International Airport, as referenced in the Board-adopted staff report attached hereto and made part hereof; and

LAX

Van Nuys

City of Los Angeles

Eric Garcetti  
Mayor

Board of Airport  
Commissioners

Sean O. Burton  
President

Valeria C. Velasco  
Vice President

Gabriel L. Eshaghian  
Beatrice C. Hsu  
Nicholas P. Roxborough  
Dr. Cynthia A. Telles  
Karim Webb

Justin Erbacl  
Interim Chief Executive Officer

BE IT FURTHER RESOLVED that the Board further approved appropriation and allocation of not to exceed \$6,425,000, which includes hard costs and soft costs, from the LAX Revenue fund to WBS Element 1.17.02A-700 (Terminal Cores and APM Interface Project) or other Board approved appropriation as required; and

BE IT FURTHER RESOLVED that the Board authorized the Interim Chief Executive Officer to execute said Change Order 5 to Contract DA-5262 with Austin Commercial, LP after approval by the Los Angeles City Council; and

BE IT FURTHER RESOLVED that any activity (approval of bids, execution of contracts, allocation of funds, etc.) for which the underlying project has previously been evaluated for environmental significance and processed according to the requirements of the California Environmental Quality Act (CEQA) is exempt from further review pursuant to Article II, Section 2.i of the Los Angeles City CEQA Guidelines; and

BE IT FURTHER RESOLVED that 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.

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I hereby certify that this Resolution No. 27052 is true and correct, as adopted by the Board of Airport Commissioners at its Regular Meeting held on Thursday, June 18, 2020.

Grace Miguel - Secretary  
BOARD OF AIRPORT COMMISSIONERS





Los Angeles World Airports

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## REPORT TO THE BOARD OF AIRPORT COMMISSIONERS

*Hans Thilenius*

Approved by: Hans Thilenius, Deputy Executive Director

*[Signature]*

Reviewed by: Bernardo Gogna, Chief Development Officer

*D. Timothy Dazé*

City Attorney

*Justin Erbacci*

Justin Erbacci, Interim Chief Executive Officer

Meeting Date:

6/18/2020

CAO Review:

☐ Completed  
☒ Pending  
☐ N/A

<u>Reviewed for</u>	<u>Date</u>	<u>Approval Status</u>	<u>By</u>
Finance	06/09/2020	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	RW
CEQA	06/03/2020	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	VW
Procurement	06/01/2020	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Cand	MJ
Guest Experience	06/01/20	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BY
Strategic Planning	6/8/2020	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	KV

**SUBJECT: Approve Change Order No. 5 to Contract No. DA-5262 with Austin Commercial, LP for the Terminal Cores and Automated People Mover Interface Project at Los Angeles International Airport.**

Approve Change Order No. 5 to Contract No. DA-5262 with Austin Commercial, LP for the Terminal Cores and Automated People Mover Interface Project to provide design and construction services in the amount of \$5,900,000, and request appropriation of funds in the amount of \$6,425,000 to include soft costs.

### **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 pursuant to Article II, Section 2.i of the Los Angeles City CEQA Guidelines.
3. APPROVE Change Order No. 5 to Contract No. DA-5262 with Austin Commercial, LP to provide design and construction services for additional infrastructure improvements in the amount of \$5,900,000.
4. APPROPRIATE funds in the amount of \$6,425,000, which includes hard costs and soft costs, for the design and construction of additional infrastructure improvements for the Terminal Cores and Automated People Mover Interface Project.

5. AUTHORIZE the Interim Chief Executive Officer to execute Change Order No. 5 with Austin Commercial, LP, upon approval by Los Angeles City Council.

## **DISCUSSION:**

### **1. Purpose**

The proposed change order will compensate Austin Commercial, LP for the design and construction of additional infrastructure to complete a portion of the Central Terminal Area (CTA) Fire Water Pipe Replacement Project. During construction of the Terminal Cores and Automated People Mover Interface Project (TCAPM) at the Terminal 5.5 Core location, there is an opportunity to install additional infrastructure by constructing a tunnel, underground piping, and necessary connections to supply the CTA Fire Water pipeline that will service the terminals and Air Operations Area (AOA).

### **2. Prior Related Actions**

- **January 18, 2018 – Resolution No. 26411 (DA-5262)**  
The Board of Airport Commissioners (Board) awarded a Two-Phase Design-Build five-year contract to Austin Commercial, LP for comprehensive engineering, design, demolition, preconstruction and construction services for the TCAPM at Los Angeles International Airport (LAX), in the amount of \$336,531,000 and appropriated \$129,306,000, for Phase 1 of this project.
- **September 10, 2019 - Resolution No. 26852 (DA-5262A)**  
The Board approved a First Amendment to Contract No. DA-5262 with Austin Commercial, LP for the TCAPM in the amount of \$61,869,876; approved the Guaranteed Maximum Price (GMP) in the amount of \$398,400,876 for base buildings and three additional scopes of work for the TCAPM; and appropriated funds in the amount not to exceed \$343,840,876.
- **October 10, 2019 – Resolution No. 26869**  
The Board approved the modification of the program budget and appropriated the remaining funds to the TCAPM project in the amount of \$31,876,000; revising the appropriated amount to \$505,022,876.

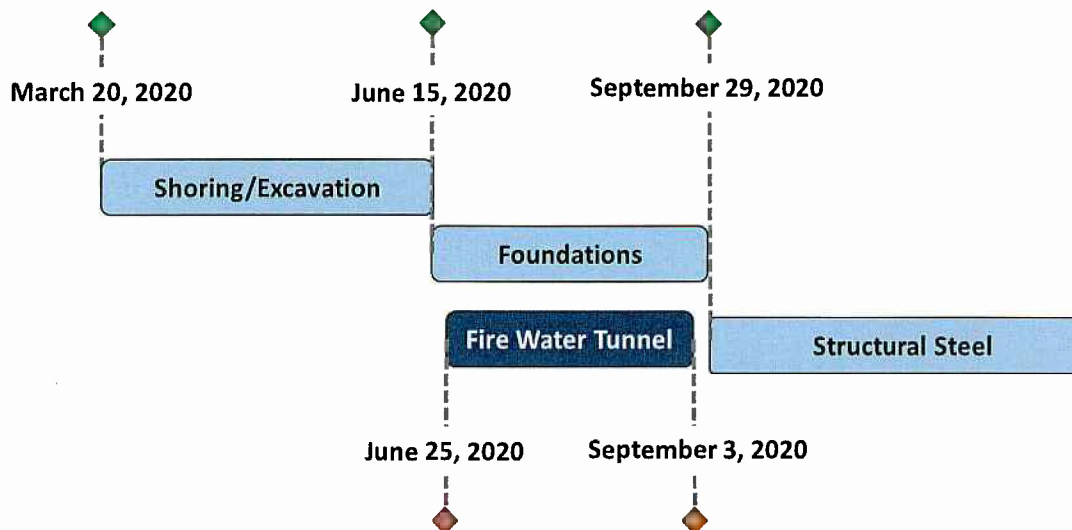
### **3. Current Action**

#### ***Background***

The TCAPM Project at LAX will support the Landside Access Modernization Program (LAMP) by designing and constructing new facilities with vertical circulation "cores" (i.e. elevators, escalators, and stairs) to connect passengers from the new Automated People Mover (APM) stations and pedestrian walkways into the existing Tom Bradley International Terminal (TBIT) and Terminal 5 (T5) and Terminal 6 (T6), and upgrade the existing vertical circulation core at Terminal 7 (T7). The project will also provide interior commercial space to offer revenue-generating opportunities and enhance the functional capacities of the terminals.

As the TCAPM project prepared for construction at the Terminal 5.5 Core location, staff determined it would be more feasible to take the opportunity to construct a portion of the

approved capital project, CTA Fire Water Pipeline, under the footprint of the building. Further analysis showed that the work could be completed within the normal activities of the construction with minimal impact to the Terminal 5.5 Core project. See Exhibit 1.



**Exhibit 1: Terminal 5.5 Core Impact Schedule**

The CTA Fire Water Pipeline project will increase reliability and capacity within the fire water system. The existing fire water system is aged and has reduced reliability, coupled with the increased demands caused by renovation and expansion of the CTA. Staff determined that a new fire water system is the best recourse to address reliability. In addition, increased capacity is needed for the AOA fire hydrant system that is required by Los Angeles Fire Department (LAFD). Improvements to the AOA fire hydrant system will be completed during terminal renovation programs initiated by major airlines. In order to connect the proposed high pressure fire water piping in the CTA to the alleyways on the AOA, a new large capacity connection line is needed to serve T5 and T6.

### **Scope of Work**

In March 2020, the Capital Improvement Program (CIP) Steering Committee approved funding for the CTA Fire Water Pipe Replacement project to be executed through the Roadways and Utilities Enabling (RUE) contract under LAMP. Specifically, this project will upsize the fire water pipelines along the southern terminals with branch connections from the new 24-inch diameter pipeline installed as part of the Central Utility Project (CUP) and 5<sup>th</sup> Feeder projects. The branch connections will make key crossovers to the AOA to provide the required fire water capacity to the alleyways.

With the launch of the Terminal 5.5 Core building construction, the opportunity currently exists to install one of the key crossovers from the CTA to the AOA within the construction sequencing of the T5.5 Core foundation construction. Staff has reviewed several options to best execute this work: a) bid out this scope of work b) award to the RUE contractor, or c) award to the contractor installing the foundation system in T5.5, as this work is integral with the T5.5 foundation system.

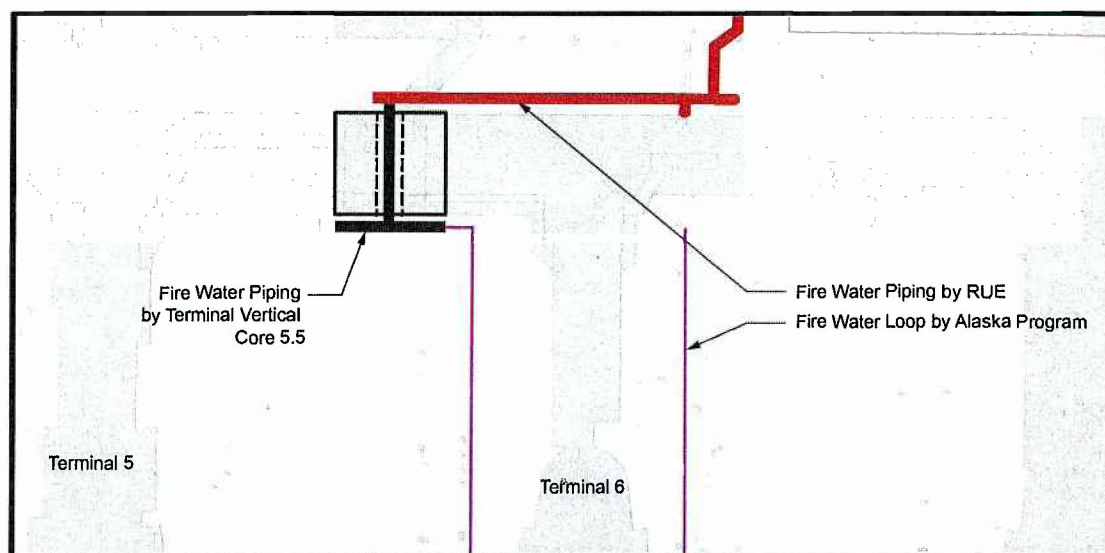


Upon review, staff determined that the most practical method would be to award the work for the contractor performing the foundation systems, as this contractor manages the project site and the work can be performed at the same time as the foundation systems. Awarding to another contractor, would be impractical and cause disruption and cost increases to LAWA, which should be avoided. Other options, such as to bore underneath other terminal buildings were also reviewed, however posed extremely high risks and costs.

Currently, the site is secured and the contractor is able to complete the design and construction of the new fire water piping, which includes the following elements:

- Installation of a North Vault – Concrete valve vault, approximately 17 feet (ft.) deep, under World Way to connect to the new pipe from the RUE contract in the CTA.
- Construction of an Underground Tunnel – Approximately 190 lineal ft. of reinforced concrete tunnel that will traverse north to south under the Terminal 5.5 Core footprint.
- Installation of Tunnel Piping – Approximately 200 lineal ft. of 20 inch diameter, ductile iron pipe with supports and seismic restraints.
- Installation of a South Vault - Concrete valve vault, approximately 30 ft. deep, to provide connection to the underground piping serving T5 and T6.
- Installation of Underground Piping – Approximately 235 lineal ft. of 20 inch diameter earthquake resistant ductile iron pipe with thrust blocks to points of connection for airline programs.
- Installation of associated valves and fittings.
- Testing and commissioning of the system.

The reinforced concrete tunnel and valve vaults will be constructed concurrently with the Terminal 5.5 Core foundations, followed by the construction of the piping which will be installed at a later time in the schedule. The scope includes installing earthquake resistant fire water piping under airfield pavement, and providing points of connection for airline programs to further develop the hydrant system.



## Exhibit 2: T5.5 Core Fire Water Tunnel and Piping

### **Action Requested**

Staff requests the Board approve Change Order No. 5 to Contract No. DA-5262 with Austin Commercial, LP to provide design and construction services for additional infrastructure improvements in the amount of \$5,900,000 and appropriate funds in the amount of \$6,425,000, which includes soft costs.

### **Fiscal Impact**

Both the TCAPM and the CTA Fire Water Pipeline Replacement Projects are approved capital projects included in the current Los Angeles World Airports (LAWA) CIP. The scope relating to Fire Water Pipeline Replacement replaces major fire water pipelines in the CTA area within the bounds of the roadway loop, and is slated to be delivered by the LAMP's upcoming RUE Project contractor. Following detailed planning to determine what method would best be used to connect the new fire water system to the terminal and ramp hydrant systems in this area, the scope and budget for this effort was recently added to the CIP budget, in accordance with LAWA's CIP governance and change processes.

TCAPM Contract Value Summary	
Current Revised Contract Value	\$398,590,464
Proposed Change Order No. 5	\$5,900,000
Revised Contract Value	\$404,490,464

TCAPM Budget Summary	
Current Budget Value	\$505,022,876
Proposed Change Order No. 5	\$5,900,000
Soft Costs	\$450,000
City Services	\$75,000
Revised Budget	\$511,447,876

#### **4. Alternatives Considered**

- **Take No Action**

If no action is taken, staff will miss the opportunity to take advantage of the current construction efforts in the area. Taking no action would negatively affect LAWA's ability to comply with the LAFD requirements for fire water flow to the fire hydrant system in the T5/T6 alleyway. The ability to provide the required capacity in the hydrant system is condition precedent to achieving a Certificate of Occupancy for the terminal programs.

### **APPROPRIATIONS:**

Staff requests that funds in the not-to-exceed amount of \$6,425,000, which includes hard costs and soft costs, be appropriated and allocated from the LAX Revenue fund to WBS elements 1.17.02A-700 (Terminal Cores and APM Interface Project) or other Board approved appropriation as required.

### **STANDARD PROVISIONS:**

1. Any activity (approval of bids, execution of contracts, allocation of funds, etc.) for which the underlying project has previously been evaluated for environmental significance and processed according to the requirements of the California Environmental Quality Act (CEQA) is exempt from further review pursuant to Article II, Section 2.i of the Los Angeles City CEQA Guidelines. The Land Access Modernization Program Environmental Impact Report (EIR) was certified by the Board of Airport Commissioners for this project on March 2, 2017 (Resolution 26185).
2. The underlying contract was approved 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. Austin Commercial, LP will comply with the provisions of the Service Contractor Worker Retention and Living Wage Ordinances and the Labor Code of the State of California (Prevailing Wage).
5. Procurement Services has reviewed action (File No. 8148) and established a mandatory 20% Small Business Enterprise (SBE), 7% Local Business Enterprise (LBE), 5% Local Small Business Enterprise (LSBE), and 3% Disabled Veteran Business Enterprise (DVBE) goals for this project. Austin Commercial, LP committed to 20% SBE, 7% LBE, 5% LSBE, and 3% DVBE participation and has achieved 21.61% SBE, 31.9% LBE, 15.73% LSBE, and 0.329% DVBE to date.
6. Austin Commercial, LP will comply with the provisions of the Affirmative Action Program.
7. Austin Commercial, LP has been assigned Business Tax Registration Certificate number 0002056400-0001 -6.
8. Austin Commercial, LP will comply with the provisions of the Child Support Obligations Ordinance.
9. Austin Commercial, LP has approved insurance documents, in the terms and amounts required, on file with the Los Angeles World Airports.
10. Pursuant to the provisions of Charter Section 1022, staff has determined that the work specified in the contract can be performed more feasibly or economically by an Independent Contractor than by City employees.

11. Austin Commercial, LP has submitted the Contractor Responsibility Program Questionnaire and Pledge of Compliance and will comply with the provisions of the Contractor Responsibility Program.
12. Austin Commercial, LP has been determined by Public Works, Office of Contract Compliance, to be in full compliance with the provisions of the Equal Benefits Ordinance.
13. Austin Commercial, LP is required by contract to comply with the provisions of the First Source Hiring Program for all non-trade Airport jobs.
14. Austin Commercial, LP has submitted the Bidder Contributions CEC Form 55 and will comply with its provisions.
15. This action is not subject to the provisions of the Iran Contracting Act.