

## Special Board and Capital Improvement Program Oversight Committee Agenda

**Thursday, July 15, 2021**  
**10:00 A.M.**

San Diego International Airport  
SDCRAA Administration Building  
3225 N. Harbor Drive  
San Diego, California 92101

### **Board Members**

Johanna Schiavoni (Chair)  
Paul Robinson (Vice Chair)  
Catherine Blakespear  
Gil Cabrera  
Mary Casillas Salas  
Robert T. Lloyd  
Paul McNamara  
Nora E. Vargas  
Marni von Wilpert

### **Ex-Officio Board Members**

Col. Thomas M. Bedell  
Gustavo Dallarda  
Gayle Miller

### **President/CEO**

Kimberly J. Becker

This meeting of the Board and Capital Improvement Program Oversight Committee of the San Diego County Regional Airport Authority Board will be conducted pursuant to the provisions of California Executive Order N-08-21 which suspends certain requirements of the Ralph M. Brown Act. During the current State of Emergency and in the interest of public health, all Board members will be participating in the meeting electronically. In accordance with the Executive Order, there will be no members of the public in attendance at the Board Meeting. We are providing alternatives to in-person attendance for viewing and participating in the meeting. In lieu of in-person attendance, members of the public may submit their comments in the following manner.

### **Comment on Non-Agenda Items**

Public comments on non-agenda items must be submitted to the Authority Clerk at [clerk@san.org](mailto:clerk@san.org) no later than 4:00 p.m. the day prior to the posted meeting in order to be eligible to be read into the record. The Authority Clerk will read the first 30 comments received by 4:00 p.m. the day prior to the meeting into the record; each of these comments will be read for up to three minutes or for the time determined by the Chair. The maximum number of comments to be read into the record on a single issue will be 16. All other comments submitted, including those received after 4:00 p.m. the day prior and before 8:00 a.m. the day of the meeting, will be provided to the Authority Board and submitted into the written record for the meeting.

### **Comment on Agenda Items**

Public comment on agenda items may be submitted to the Authority clerk at [clerk@san.org](mailto:clerk@san.org). Comments received no later than 8:00 a.m. on the day of the meeting will be distributed to the Board and included in the record.

If you'd like to speak to the Board live during the meeting, please follow these steps to request to speak:

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- **Step 1:** Fill out the online [Request to Speak Form](#) to speak during the meeting via teleconference. The form must be submitted by 4 p.m. the day before the meeting or by 4:00 p.m. the Friday before a Monday meeting. After completing the form, you'll get instructions on how to call in to the meeting.
- **Step 2:** Watch the meeting via the Webcast located at the following link, <https://www.san.org/Airport-Authority/Meetings-Agendas/Capital-Improvement-Program-Oversight-Committee?EntryId=13931>
- **Step 3:** When the Board begins to discuss the agenda item you want to comment on, call in to the conference line, you will be placed in a waiting area. ***Please do not call until the item you want to comment on is being discussed.***
- **Step 4:** When it is time for public comments on the item you want to comment on, Authority Clerk staff will invite you into the meeting and unmute your phone. Staff will then ask you to state your name and begin your comments.

## How to Watch the Meeting

You may also view the meeting online at the following link: <https://www.san.org/Airport-Authority/Meetings-Agendas/Capital-Improvement-Program-Oversight-Committee?EntryId=13931>

## Requests for Accessibility Modifications or Accommodations

As required by the Americans with Disabilities Act (ADA), requests for agenda information to be made available in alternative formats, and any requests for disability-related modifications or accommodations required to facilitate meeting participation, including requests for alternatives to observing meetings and offering public comment as noted above, may be made by contacting the Authority Clerk at (619) 400-2550 or [clerk@san.org](mailto:clerk@san.org). The Authority is committed to resolving accessibility requests swiftly in order to maximize accessibility.

This Agenda contains a brief general description of each item to be considered. The indication of a recommended action does not indicate what action (if any) may be taken. ***Please note that agenda items may be taken out of order.*** If comments are made to the Board without prior notice or are not listed on the Agenda, no specific answers or responses should be expected at this meeting pursuant to State law.

Staff Reports and documentation relating to each item of business on the Agenda are on file in Board Services and are available for public inspection.

**Note:** Pursuant to Authority Code Section 2.15, all Lobbyists shall register as an Authority Lobbyist with the Authority Clerk within ten (10) days of qualifying as a lobbyist. A qualifying lobbyist is any individual who receives \$100 or more in any calendar month to lobby any Board Member or employee of the Authority for the purpose of influencing any action of the Authority. To obtain Lobbyist Registration Statement Forms, contact the Board Services/Authority Clerk Department.

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**CALL TO ORDER:**

**ROLL CALL:**

***Board***

Board Members: Bedell (Ex-Officio), Blakespear, Cabrera, Casillas Salas, Dallarda (Ex-Officio), Lloyd, McNamara, Miller (Ex-Officio), Robinson, Schiavoni (Chair), Vargas, von Wilpert

***Capital Improvement Program Oversight Committee***

Committee Members: Blakespear, Cabrera, McNamara (Chair), Schiavoni, von Wilpert

**NON-AGENDA PUBLIC COMMENT:**

Non-Agenda Public Comment is reserved for members of the public wishing to address the Board or Committee on matters for which another opportunity to speak **is not provided on the Agenda**, and which is within the jurisdiction of the Board or Committee. Please submit a completed speaker slip to the Authority Clerk. ***Each individual speaker is limited to three (3) minutes. Applicants, groups and jurisdictions referring items to the Board for action are limited to five (5) minutes.***

**Note:** Persons wishing to speak on specific items should reserve their comments until the specific item is taken up by the Board or Committee.

**BOARD NEW BUSINESS:**

- 1. APPROVE AND AUTHORIZE THE AWARD OF A CONTRACT TO SOLPAC CONSTRUCTION INC., DBA SOLTEK PACIFIC CONSTRUCTION COMPANY FOR EAST SOLID & LIQUID WASTE FACILITIES AT SAN DIEGO INTERNATIONAL AIRPORT:**  
RECOMMENDATION: Adopt Resolution No. 2021-0083, awarding a contract to SOLPAC Construction, Inc., dba Soltek Pacific Construction Company in the amount of \$19,385,223 for Project No. 104274, East Solid & Liquid Waste Facilities at San Diego International Airport.  
(Robert Bolton, Director, Airport Design & Construction)
- 2. AUTHORIZE THE PRESIDENT/CEO TO AWARD A CONTRACT TO GRAHOVAC CONSTRUCTION FOR REMODEL T2E FOR ACCESS CONTROL OFFICE (ACO) & HARBOR POLICE DEPARTMENT (HPD) RELOCATIONS AT SAN DIEGO INTERNATIONAL AIRPORT:**  
RECOMMENDATION: Adopt Resolution No. 2021-0074, authorizing the President/CEO to award a contract to Grahovac Construction in the amount of \$3,726,462 for Project No. 104290, Remodel T2E for ACO & HPD Relocations at San Diego International Airport.  
(Robert Bolton, Director, Airport Design & Construction)

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**COMMITTEE NEW BUSINESS:**

- 3. APPROVAL OF MINUTES:**  
RECOMMENDATION: Approve the minutes of the April 15, 2021 regular meeting.
- 4. NEW T1 (TERMINAL 1) UPDATE:**  
(Dennis Probst, Vice President, Development)
- 5. AIRPORT DEVELOPMENT PROGRAM ENVIRONMENTAL PROCESS UPDATE:**  
(Brendan Reed, Director, Airport Planning and Environmental Affairs)
- 6. CAPITAL IMPROVEMENT PROGRAM UPDATE:**  
(Robert Bolton, Director, Airport Design & Construction)
- 7. AIRSIDE CHARGING UPDATE:**  
(Chad Reese, Environmental Affairs Manager, Airport Planning and Environmental Affairs)

**BOARD CLOSED SESSION:**

- 8. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION:**  
(Paragraph (1) of subdivision (d) of Cal. Gov. Code §54956.9)  
Name of Case: Quiet Skies San Diego v. San Diego County Regional Airport Authority, San Diego Superior Court Case No. 37-2020-00007998-CU-TT-CTL
- 9. CONFERENCE WITH LABOR NEGOTIATORS:**  
Cal. Gov. Code section 54957.6  
Agency designated representatives: Angela Shafer-Payne, Monty Bell, Lola Barnes, Greg Halsey, Rod Betts  
Employee organization: California Teamsters Local 911

**REPORT ON CLOSED SESSION:**

**COMMITTEE MEMBER COMMENTS:**

**ADJOURNMENT:**

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**Policy for Public Participation in Board, Airport Land Use Commission (ALUC), and Committee Meetings (Public Comment)**

- 1) Persons wishing to address the Board, ALUC, and Committees shall submit an email to the Clerk at [clerk@san.org](mailto:clerk@san.org) prior to the initiation of the portion of the agenda containing the item to be addressed (e.g., Public Comment and General Items). Failure to submit an email shall not preclude testimony, if permission to address the Board is granted by the Chair.
- 2) The Public Comment Section at the beginning of the agenda is reserved for persons wishing to address the Board, ALUC, and Committees on any matter for which another opportunity to speak is not provided on the Agenda, and on matters that are within the jurisdiction of the Board.
- 3) Persons wishing to speak on specific items listed on the agenda will be afforded an opportunity to speak during the presentation of individual items. Persons wishing to speak on specific items should reserve their comments until the specific item is taken up by the Board, ALUC and Committees.
- 4) If many persons have indicated a desire to address the Board, ALUC and Committees on the same issue, then the Chair may suggest that these persons consolidate their respective testimonies. Testimony by members of the public on any item shall be limited to **three (3) minutes per individual speaker and five (5) minutes for applicants, groups and referring jurisdictions.**
- 5) Pursuant to Authority Policy 1.33 (8), recognized groups must register with the Authority Clerk prior to the meeting.

After a public hearing or the public comment portion of the meeting has been closed, no person shall address the Board, ALUC, and Committees without first obtaining permission to do so.

**Additional Meeting Information**

**NOTE:** This information is available in alternative formats upon request. To request an Agenda in an alternative format, or to request a sign language or oral interpreter, or an Assistive Listening Device (ALD) for the meeting, please telephone the Authority Clerk's Office at (619) 400-2550 at least three (3) working days prior to the meeting to ensure availability.

For your convenience, the agenda is also available to you on our website at [www.san.org](http://www.san.org).

**For those planning to attend the Board meeting, parking is available in the public parking lot located directly in front of the Administration Building. Bring your ticket to the third-floor receptionist for validation.**

You may also reach the SDCRAA Building by using public transit via the San Diego MTS System, Route 992. For route and fare information, please call the San Diego MTS at (619) 233-3004 or 511.

## Staff Report

Meeting Date: July 15, 2021

### Subject:

**Approve and Authorize the Award of a Contract to SOLPAC Construction Inc., dba Soltek Pacific Construction Company for East Solid & Liquid Waste Facilities at San Diego International Airport**

### Recommendation:

Adopt Resolution No. 2021-0083, awarding a contract to SOLPAC Construction, Inc., dba Soltek Pacific Construction Company in the amount of \$19,385,223 for Project No. 104274, East Solid & Liquid Waste Facilities at San Diego International Airport

### Background/Justification:

Project No. 104274, East Solid & Liquid Waste Facilities is a San Diego County Regional Airport ("Airport") Authority ("Authority") Board ("Board") approved project in the FY2022-FY2026 Capital Improvement Program ("CIP").

This project will replace the existing solid waste management and triturator/vehicle wash facilities, located on the airfield to the east of Terminal 1, with two new and more capable facilities to be located east of the recently completed Airline Support Building (ASB) along N. Harbor Drive. The solid waste management facility provides primary collection for all recyclable and non-recyclable waste generated at the airport. The facility serves a key role in ensuring the Airport Authority can meet regional and statewide solid waste reduction targets. It also allows the Airport Authority to meet the Airport Authority's own sustainability goals for managing recyclable materials and diverting waste from landfill disposal. The triturator/vehicle wash facility is the sole location for disposal of aircraft lavatory waste and for washing airside vehicles. (Attachment A)

The scope of work for the solid waste facility will include a fully enclosed pre-engineered steel structure with metal panel enclosure, standing seam metal roof, and high-speed rollup vehicle doors, pile foundations, concrete slab-on-grade, metal stud framing; glazing; CMU walls; mechanical, electrical, and plumbing systems; communication and security/surveillance systems; lighting, fire protection and sprinkler systems; various

interior finishes; office/restroom (flooring, ceiling, dry wall, millwork, paint, MEP, doors); provisioning truck steel platform for disposal of trash and recycling.

The scope of work for the triturator/vehicle wash facility will include a fully enclosed CMU structure with membrane roofing and high-speed rollup vehicle doors, pile foundations, concrete slab-on-grade, exterior metal panels, mechanical, electrical, and plumbing systems; communication and security/surveillance systems; lighting, various interior finishes.

This opportunity was advertised on May 3, 2021, and sealed bids were opened on June 11, 2021. The following bids were received: (Attachment B)

<b>Company</b>	<b>Total Bid</b>	<b>Corrected Bid Amount</b>
EC Constructors, Inc.	\$ 17,629,416	\$17,629,417
SOLPAC Construction Inc., dba Soltek Pacific Construction Company	\$ 19,943,126	\$19,385,223
Griffith Company	\$ 21,192,496	\$21,176,296
Steve P. Rados, Inc.	\$ 22,063,824	
Whiting-Turner Contracting Company	\$ 22,330,321	\$22,303,139.95
Fordyce Construction, Inc.	\$ 22,881,555	\$22,881,819

The Engineer's estimate for this project is \$19,306,513.

The apparent low bid, submitted by EC Constructors, Inc., in the amount of \$17,629,416, is considered non-responsive due to its failure to submit a complete subcontractor listing form. The RFB required all bidders to submit a completed subcontractor listing form at the time of bid submission. EC Constructor Inc.'s failure to comply with a mandatory bid requirement makes its bid non-responsive and subject to rejection. The second lowest bidder, SOLPAC Construction Inc., dba Soltek Pacific Construction Company, submitted a bid in the corrected amount of \$19,385,223, and is therefore the lowest responsive bid by a responsible bidder.

The apparent low bidder, EC Constructors, filed both a records request and a bid protest. The Authority has provided EC Constructors with copies of responsive records and applicable contract provisions that were used to make its determination. The Authority responded to EC Constructors' bid protest and rejected the protest. EC Constructors did not file an appeal. Therefore, staff recommends award to SOLPAC Construction Inc., dba Soltek Pacific Construction Company, in the amount of \$19,385,223.

## Fiscal Impact:

Adequate funds for East Solid & Liquid Waste Facilities are included within the Board adopted FY2022-FY2026 Capital Program Budget in Project No. 104274. The Source of funding for this project is General Airport Revenue Bonds and Airport Cash.

## Authority Strategies/Focus Areas:

This item supports one or more of the following (*select at least one under each area*):

### Strategies

- Community Strategy    Customer Strategy    Employee Strategy    Financial Strategy    Operations Strategy

### Focus Areas

- Advance the Airport Development Plan    Transform the Customer Journey    Optimize Ongoing Business

## Environmental Review:

- A. CEQA: A Notice of Exemption was prepared that determined the project is a categorical exemption under CEQA Sections 15301 – Existing Facilities – Class 1; 15302 – Replacement or Reconstruction – Class 2 and 15304 Minor Alternations to Land – Class 4.
- B. California Coastal Act Review: An application for a Coastal Development Permit has been made for the proposed project and will be issued prior to construction.
- C. NEPA: This Board action is for a project that received a Section 163 determination by the Federal Aviation Administration (“FAA”) on July 13, 2020 and, therefore, does not require review under the National Environmental Policy Act (“NEPA”) for its potential environmental impacts.

## Application of Inclusionary Policies:

The Authority has the following inclusionary programs and policy: a Disadvantaged Business Enterprise (DBE) Program, an Airport Concession Disadvantaged Business Enterprise (ACDBE) Program and Policy 5.12. These programs and policy are intended to promote the inclusion of small, local, service disabled/veteran owned small businesses, historically underrepresented businesses, and other business enterprises, on all contracts. Only one of the programs or policy named above can be used in any single contracting opportunity.

This contract does not utilize federal funds and provides limited opportunities for sub-contractor participation; therefore, at the option of the Authority, Policy 5.12 was applied to promote the participation of qualified small businesses, service disabled/veteran owned small businesses, and local businesses. Policy 5.12 provides a preference of up to seven percent (7%) in the award of selected Authority contracts. When bid price is the primary selection criteria, the maximum amount of the preference cannot exceed \$200,000. The preference is only applied in measuring the bid. The final contract award is based on the amount of the original bid.

In accordance with Policy 5.12 the recommended firm Soltek Pacific Construction Company did not meet the small business and veteran owned small business goals. However, they exceeded the local business goal of 3% with 97% local business participation for 2% local business preference.

**Prepared by:**

Bob Bolton  
Director, Airport Design & Construction

# ATTACHMENT A



104274 EAST SOLID AND LIQUID WASTE FACILITIES

BID TABULATION

Attachment B

CIP No.: 104274  
 CIP Title: East Solid and Liquid Waste Facilities

Date Bids Opened: June 11, 2021  
 Time Bids Opened: 2:00pm, PST

Business Name:				Engineer's Estimate		EC Constructors Inc.		SOLPAC Construction Inc. dba Softek Pacific Construction Company		Griffith Company		Steve P. Rados, Inc.		Whiting-Turner Contracting Company		Fordyce Construction, Inc.	
Business Address:						9834 River Street Lakeside, Ca 92040		2424 Congress St San Diego, Ca 92110		12200 Bloomfield Ave Santa Fe Springs, Ca 90670		2007 McFadden Ave., Ste 200 Santa Ana, Ca 92750		3911 Sorrento Valley Blvd, Suite 100		9932 Prospect Ave Suite 138 Santee Ca 92071	
Guarantee of Good Faith:						Hartford Fire Insurance Company		Liberty Mutual Insurance Company		Liberty Mutual Insurance Company		Travelers Casualty Insurance		Fidelity & Deposit Company of Maryland		The Ohio Casualty Insurance Company	
Bid Item No.	Bid Item Description	Quantity	Unit Item	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
<b>Bid Schedule A</b>																	
1	TIME RELATED OVERHEAD	655	DAY	\$ 900.00	\$ 589,500.00	\$ 2,415.00	\$ 1,581,825.00	\$ 3,595.00	\$ 2,355,000.00	\$ 900.00	\$ 589,500.00	\$ 2,500.00	\$ 1,637,500.00	\$ 7,000.00	\$ 4,585,000.00	\$ 5,990.00	\$ 3,923,450.00
2	MOBILIZATION	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 233,428.00	\$ 233,428.00	\$ 60,396.00	\$ 60,396.00	\$ 1,400,000.00	\$ 1,400,000.00	\$ 2,200,000.00	\$ 2,200,000.00	\$ 100,000.00	\$ 100,000.00	\$ 2,198,400.00	\$ 2,198,400.00
3	TRAFFIC CONTROL	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 34,982.00	\$ 34,982.00	\$ 5,295.00	\$ 5,295.00	\$ 23,000.00	\$ 23,000.00	\$ 25,000.00	\$ 25,000.00	\$ 75,000.00	\$ 75,000.00	\$ 68,400.00	\$ 68,400.00
4	ALLOWANCE FOR MISCELLANEOUS UNFORESEEN CONDITIONS	1	AL	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00
5	ALLOWANCE FOR REIMBURSEMENT OF PERMIT FEES	1	AL	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
6	ALLOWANCE FOR REIMBURSEMENT OF WORK PERFORMED ON AIRPORT ACCESS CONTROL SYSTEM AND CCTV	1	AL	\$ 575,000.00	\$ 575,000.00	\$ 575,000.00	\$ 575,000.00	\$ 575,000.00	\$ 575,000.00	\$ 575,000.00	\$ 575,000.00	\$ 575,000.00	\$ 575,000.00	\$ 575,000.00	\$ 575,000.00	\$ 575,000.00	\$ 575,000.00
7	ALLOWANCE FOR UNSUITABLE MATERIALS	1	AL	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00
8	ALLOWANCE FOR DEWATERING	1	AL	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00
9	TEMPORARY EROSION/SEDIMENT CONTROL - STORM WATER MANAGEMENT	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 31,150.00	\$ 31,150.00	\$ 15,780.00	\$ 15,780.00	\$ 28,000.00	\$ 28,000.00	\$ 40,000.00	\$ 40,000.00	\$ 50,000.00	\$ 50,000.00	\$ 6,270.00	\$ 6,270.00
10	TEMPORARY EROSION/SEDIMENT CONTROL - STORM DRAIN INLET PROTECTION	4	EA	\$ 500.00	\$ 2,000.00	\$ 325.00	\$ 1,300.00	\$ 245.00	\$ 980.00	\$ 700.00	\$ 2,800.00	\$ 500.00	\$ 2,000.00	\$ 10,000.00	\$ 40,000.00	\$ 230.00	\$ 920.00
11	TEMPORARY EROSION/SEDIMENT CONTROL - TEMPORARY STABILIZED CONSTRUCTION ENTRANCE/EXIT	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 9,130.00	\$ 18,260.00	\$ 1,589.00	\$ 3,177.00	\$ 16,000.00	\$ 32,000.00	\$ 6,000.00	\$ 12,000.00	\$ 20,000.00	\$ 40,000.00	\$ 6,840.00	\$ 13,680.00
12	TEMPORARY EROSION/SEDIMENT CONTROL - CONCRETE WASHOUT	1	EA	\$ 4,000.00	\$ 4,000.00	\$ 8,593.00	\$ 8,593.00	\$ 2,648.00	\$ 2,648.00	\$ 2,500.00	\$ 2,500.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 2,850.00	\$ 2,850.00
13	TEMPORARY EROSION/SEDIMENT CONTROL - SCHEDULING	94	WEEK	\$ 250.00	\$ 23,500.00	\$ 160.00	\$ 15,040.00	\$ 106.00	\$ 9,955.00	\$ 100.00	\$ 9,400.00	\$ 600.00	\$ 56,400.00	\$ 1,000.00	\$ 94,000.00	\$ 230.00	\$ 21,620.00
14	TEMPORARY EROSION/SEDIMENT CONTROL - SWEEPING	655	DAY	\$ 500.00	\$ 327,500.00	\$ 160.00	\$ 104,800.00	\$ 85.00	\$ 55,494.00	\$ 180.00	\$ 117,900.00	\$ 200.00	\$ 131,000.00	\$ 250.00	\$ 163,750.00	\$ 950.00	\$ 622,250.00
15	TEMPORARY EROSION/SEDIMENT CONTROL - TEMPORARY TIRE WASH ENTRANCE/EXIT	382	DAY	\$ 45.00	\$ 17,190.00	\$ 17.00	\$ 6,494.00	\$ 146.00	\$ 95,728.00	\$ 10.00	\$ 3,820.00	\$ 75.00	\$ 28,650.00	\$ 100.00	\$ 65,000.00	\$ 570.00	\$ 217,740.00
16	TEMPORARY EROSION/SEDIMENT CONTROL - SOIL BINDERS	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 5,371.00	\$ 5,371.00	\$ 3,479.00	\$ 3,479.00	\$ 9,000.00	\$ 9,000.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 3,990.00	\$ 3,990.00
17	TEMPORARY EROSION/SEDIMENT CONTROL - WIND EROSION CONTROL	563	DAY	\$ 100.00	\$ 56,300.00	\$ 11.65	\$ 6,559.00	\$ 53.00	\$ 34,684.00	\$ 10.00	\$ 5,630.00	\$ 40.00	\$ 22,520.00	\$ 100.00	\$ 65,000.00	\$ 50.00	\$ 28,150.00
18	TEMPORARY EROSION/SEDIMENT CONTROL - FIBER ROLL PERIMETER CONTROL BARRIER	3141	LF	\$ 0.65	\$ 2,041.65	\$ 3.25	\$ 510,208.00	\$ 109.00	\$ 342,369.00	\$ 6.00	\$ 18,846.00	\$ 5.00	\$ 15,705.00	\$ 50.00	\$ 157,050.00	\$ 3.00	\$ 9,423.00
<b>Total for Bid Schedule A</b>					\$ 3,486,031.65		\$ 4,333,010.00		\$ 5,584,300.00		\$ 4,517,396.00		\$ 6,460,775.00		\$ 7,730,800.00		\$ 9,392,143.00
<b>Corrected Total for Bid Schedule A</b>							\$ 4,333,010.20		\$ 5,215,100.00						\$ 7,694,300.00		
<b>Bid Schedule B</b>																	
1	EAST SOLID WASTE FACILITY	1	LS	\$ 11,565,990.00	\$ 11,565,990.00	\$ 9,845,750.00	\$ 9,845,750.00	\$ 12,448,000.00	\$ 12,448,000.00	\$ 14,300,000.00	\$ 14,300,000.00	\$ 12,125,000.00	\$ 12,125,000.00	\$ 7,128,555.00	\$ 7,128,555.00	\$ 9,855,000.00	\$ 9,855,000.00
2	TRITURATOR BUILDING	1	LS	\$ 2,713,010.00	\$ 2,713,010.00	\$ 2,058,830.00	\$ 2,058,830.00	\$ 614,000.00	\$ 614,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 2,000,000.00	\$ 2,000,000.00	\$ 5,000,000.00	\$ 5,000,000.00	\$ 1,944,900.00	\$ 1,944,900.00
3	REMOVE EXISTING ASPHALT CONCRETE PAVEMENT	5,505	SY	\$ 5.00	\$ 27,525.00	\$ 13.85	\$ 76,244.00	\$ 8.00	\$ 44,394.00	\$ 4.00	\$ 22,020.00	\$ 30.00	\$ 165,150.00	\$ 30.00	\$ 165,150.00	\$ 8.00	\$ 44,040.00
4	REMOVE EXISTING PORTLAND CEMENT CONCRETE PAVEMENT	2,805	SY	\$ 17.00	\$ 47,685.00	\$ 60.15	\$ 168,721.00	\$ 17.00	\$ 47,679.00	\$ 23.00	\$ 64,515.00	\$ 35.00	\$ 98,175.00	\$ 30.00	\$ 84,150.00	\$ 18.00	\$ 50,490.00
5	SAWCUT EXISTING ASPHALT CONCRETE PAVEMENT	2,300	LF	\$ 10.00	\$ 23,000.00	\$ 3.60	\$ 8,280.00	\$ 5.00	\$ 11,500.00	\$ 3.20	\$ 7,360.00	\$ 4.00	\$ 9,200.00	\$ 5.00	\$ 11,500.00	\$ 5.00	\$ 11,500.00
6	SAWCUT EXISTING CONCRETE PAVEMENT	131	LF	\$ 12.00	\$ 1,572.00	\$ 3.63	\$ 475.53	\$ 36.00	\$ 4,733.00	\$ 16.00	\$ 2,096.00	\$ 4.00	\$ 524.00	\$ 5.00	\$ 655.00	\$ 4.00	\$ 5,240.00
7	REMOVE EXISTING STORM DRAIN INLET	2	EA	\$ 1,200.00	\$ 2,400.00	\$ 2,760.50	\$ 5,521.00	\$ 2,118.00	\$ 4,236.00	\$ 2,400.00	\$ 4,800.00	\$ 3,000.00	\$ 6,000.00	\$ 15,000.00	\$ 15,000.00	\$ 4,000.00	\$ 8,000.00
8	REMOVE/SALVAGE EXISTING LIGHT POLE	11	EA	\$ 3,575.00	\$ 39,325.00	\$ 1,696.73	\$ 18,664.03	\$ 424.00	\$ 4,660.00	\$ 2,300.00	\$ 25,300.00	\$ 1,500.00	\$ 16,500.00	\$ 5,000.00	\$ 55,000.00	\$ 1,000.00	\$ 11,000.00
9	REMOVE EXISTING BOLLARD	8	EA	\$ 800.00	\$ 6,400.00	\$ 60.50	\$ 484.00	\$ 318.00	\$ 2,544.00	\$ 450.00	\$ 3,600.00	\$ 400.00	\$ 3,200.00	\$ 1,000.00	\$ 8,000.00	\$ 300.00	\$ 2,400.00
10	REMOVE EXISTING MANHOLE WEIR WALL	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 994.00	\$ 994.00	\$ 10,590.00	\$ 10,590.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 100,000.00	\$ 100,000.00	\$ 12,400.00	\$ 12,400.00
11	REMOVE EXISTING ELECTRICAL AND COMMUNICATION CONDUIT, CABLES, AND PULL BOXES	1600	LF	\$ 120.00	\$ 192,000.00	\$ 119.00	\$ 190,400.00	\$ 7.00	\$ 11,792.00	\$ 27.00	\$ 43,200.00	\$ 5.00	\$ 8,000.00	\$ 100.00	\$ 160,000.00	\$ 8.00	\$ 12,800.00
12	REMOVE EXISTING BUS PARKING ENTRANCE AND AFFILIATED GATE OPERATOR EQUIPMENT	1	LS	\$ 24,500.00	\$ 24,500.00	\$ 3,225.00	\$ 3,225.00	\$ 8,472.00	\$ 8,472.00	\$ 11,000.00	\$ 11,000.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 31,940.00	\$ 31,940.00
13	CONCRETE SIDEWALK	132	SF	\$ 5.00	\$ 660.00	\$ 57.00	\$ 7,524.00	\$ 15.00	\$ 1,950.00	\$ 61.00	\$ 8,061.00	\$ 30.00	\$ 3,960.00	\$ 30.00	\$ 3,960.00	\$ 28.00	\$ 3,432.00
14	CONCRETE RIBBON GUTTER	115	LF	\$ 12.00	\$ 1,380.00	\$ 141.00	\$ 16,315.00	\$ 44.00	\$ 5,072.00	\$ 115.00	\$ 13,225.00	\$ 60.00	\$ 6,900.00	\$ 25.00	\$ 2,875.00	\$ 53.00	\$ 6,095.00
15	CONCRETE BARRIER TYPE GOMC	14	LF	\$ 180.00	\$ 2,520.00	\$ 410.00	\$ 5,740.00	\$ 844.00	\$ 11,817.00	\$ 700.00	\$ 9,800.00	\$ 750.00	\$ 10,500.00	\$ 1,000.00	\$ 14,000.00	\$ 1,059.00	\$ 14,826.00
16	UNCLASSIFIED EXCAVATION	750	CY	\$ 120.00	\$ 90,000.00	\$ 49.40	\$ 37,050.00	\$ 42.00	\$ 31,772.00	\$ 27.00	\$ 20,250.00	\$ 110.00	\$ 82,500.00	\$ 100.00	\$ 75,000.00	\$ 46.00	\$ 34,500.00
17	IMPORTED FILL MATERIAL	205	CY	\$ 110.00	\$ 22,550.00	\$ 15.80	\$ 3,239.00	\$ 104.00	\$ 21,276.00	\$ 1.00	\$ 205.00	\$ 40.00	\$ 8,200.00	\$ 221.27	\$ 45,361.00	\$ 112.00	\$ 22,960.00
18	INSTALL PAVEMENT MARKING (WHITE, NON-REFLECTORIZED)	760	SF	\$ 1.00	\$ 760.00	\$ 17.00	\$ 12,920.00	\$ 4.00	\$ 3,139.00	\$ 20.00	\$ 15,200.00	\$ 3.00	\$ 2,280.00	\$ 24.13	\$ 18,340.00	\$ 22.00	\$ 16,720.00
19	INSTALL "KEEP CLEAR" PAVEMENT MARKING (RED REFLECTORIZED W/ WHITE LETTERING)	305	SF	\$ 2.00	\$ 610.00	\$ 18.00	\$ 5,490.00	\$ 2.00	\$ 646.00	\$ 19.00	\$ 5,795.00	\$ 3.00	\$ 915.00	\$ 24.56	\$ 7,490.80	\$ 21.00	\$ 6,405.00
20	INSTALL 2-INCH PVC WATER PIPE	220	LF	\$ 29.00	\$ 6,380.00	\$ 115.50	\$ 25,410.00	\$ 47.00	\$ 10,252.00	\$ 142.00	\$ 31,240.00	\$ 55.00	\$ 12,100.00	\$ 125.00	\$ 27,500.00	\$ 124.00	\$ 27,280.00
21	INSTALL 2-INCH PVC WATER PIPE	330	LF	\$ 25.00	\$ 8,250.00	\$ 66.00	\$ 21,780.00	\$ 44.00	\$ 14,678.00	\$ 50.00	\$ 16,500.00	\$ 35.00	\$ 11,550.00	\$ 100.00	\$ 33,000.00	\$ 72.00	\$ 23,760.00
22	INSTALL 8-INCH C-900 PVC FIRE WATER LINE	170	LF	\$ 300.00	\$ 51,000.00	\$ 192.50	\$ 32,725.00	\$ 139.00	\$ 23,585.00	\$ 425.00	\$ 72,250.00	\$ 110.00	\$ 18,700.00	\$ 220.00	\$ 37,400.00	\$ 205.00	\$ 34,850.00
23	INSTALL FIRE HYDRANT	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 16,500.00	\$ 16,500.00	\$ 10,474.00	\$ 10,474.00	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 17,200.00	\$ 17,200.00
24	FIRE DEPARTMENT CONNECTION	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 9,900.00	\$ 9,900.00	\$ 4,573.00	\$ 4,573.00	\$ 3,585.00	\$ 3,585.00	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00	\$ 10,300.00	\$ 10,300.00
25	POST INDICATOR VALVE	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 5,500.00	\$ 5,500.00	\$ 6,153.00	\$ 6,153.00	\$ 7,245.00	\$ 7,245.00	\$ 3,500.00	\$ 3,50				

## RESOLUTION NO. 2021-0083

A RESOLUTION OF THE BOARD OF THE SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY, AWARDING A CONTRACT TO SOLPAC CONSTRUCTION INC., DBA SOLTEK PACIFIC CONSTRUCTION COMPANY IN THE AMOUNT OF \$19,385,223 FOR PROJECT NO. 104274, EAST SOLID & LIQUID WASTE FACILITIES SAN DIEGO INTERNATIONAL AIRPORT

**WHEREAS**, Project No. 104274, East Solid & Liquid Waste Facilities is a San Diego County Regional Airport (“Airport”) Authority (“Authority”) Board (“Board”) approved project in the FY2022-FY2026 Capital Improvement Program (“CIP”); and

**WHEREAS**, this project will replace the existing solid waste management and triturator/vehicle wash facilities, located on the airfield to the east of Terminal 1, with two new and more capable facilities to be located east of the recently completed Airline Support Building (ASB) along N. Harbor Drive; and

**WHEREAS**, the new facilities will be located along N. Harbor Drive at the east end of the airport in the area currently being used for Rental Car Center (RCC) shuttle bus storage and provides primary collection for all recyclable and non-recyclable waste generated at the airport; and

**WHEREAS**, the facility serves a key role in ensuring the Airport Authority can meet regional and statewide solid waste reduction targets and allows the Airport Authority to meet the Airport Authority’s own sustainability goals for managing recyclable materials and diverting waste from landfill disposal; and

**Resolution No. 2021-0083**

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**WHEREAS**, the scope of work for the solid waste facility will include a fully enclosed pre-engineered steel structure with metal panel enclosure, standing seam metal roof, and high-speed rollup vehicle doors, pile foundations, concrete slab-on-grade, metal stud framing; glazing; CMU walls; mechanical, electrical, and plumbing systems; communication and security/surveillance systems; lighting, fire protection and sprinkler systems; various interior finishes; office/restroom (flooring, ceiling, dry wall, millwork, paint, MEP, doors); provisioning truck steel platform for disposal of trash and recycling; and

**WHEREAS**, the scope of work for the triturator/vehicle wash facility will include a fully enclosed CMU structure with membrane roofing and high-speed rollup vehicle doors, pile foundations, concrete slab-on-grade, exterior metal panels, mechanical, electrical, and plumbing systems; communication and security/surveillance systems; lighting, various interior finishes; and

**WHEREAS**, the Request for Bids for this project was advertised on May 3, 2021; and

**WHEREAS**, on June 11, 2021, the Authority opened sealed bids received in response to the Bid Solicitation Package; and

**WHEREAS**, EC Constructors, Inc., was the apparent low bidder; and

**WHEREAS**, after review by Authority staff, EC Constructors, Inc.'s bid was found to be non-responsive; and

**WHEREAS**, SOLPAC Construction Inc., dba Soltek Pacific Construction Company ("Soltek"), the second lowest bidder, with a bid of \$19,385,223, submitted the lowest responsible and responsive bid per the bid specifications; and

**WHEREAS**, the apparent low bidder, EC Constructors, filed both a records request and a bid protest; and

**WHEREAS**, the Authority has provided EC Constructors with copies of responsive records and applicable contract provisions that were used to make its determination; and

**Resolution No. 2021-0083**

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**WHEREAS**, the Authority responded to EC Constructors' bid protest and rejected the protest; and

**WHEREAS**, EC Constructors did not file an appeal; and

**WHEREAS**, the Authority staff has duly considered Soltek's bid, and has determined Soltek is responsible and that its bid is responsive in all material respects; and

**WHEREAS**, Staff recommends award to SOLPAC Construction Inc., dba Soltek Pacific Construction Company in the amount of \$19,385,223; and

**WHEREAS**, the Board believes that it is in the best interest of the Authority and the public that it serves to award SOLPAC Construction, Inc., dba Soltek Pacific Construction Company the contract for Project No. 104274, East Solid & Liquid Waste Facilities upon the terms and conditions set forth in the Bid Solicitation Package.

**NOW, THEREFORE, BE IT RESOLVED** that the Board hereby awards a contract to SOLPAC Construction Inc., dba Soltek Pacific Construction Company, in the amount of \$19,385,223, for Project No. 104174, East Solid & Liquid Waste Facilities at San Diego International Airport; and

**BE IT FURTHER RESOLVED** that the Board authorizes the President/CEO or designee to execute and deliver such contract to SOLPAC Construction Inc., dba Soltek Pacific Construction; and

**BE IT FURTHER RESOLVED** that the San Diego County Regional Airport Authority and its officers, employee, and agents are hereby authorized, empowered, and directed to do and perform such acts as may be necessary or appropriate in order to effectuate fully this resolution; and

**BE IT FURTHER RESOLVED** that the Board finds that a Notice of Exemption was prepared that determined the project is a categorical exemption under CEQA Sections 15301 – Existing Facilities – Class 1; 15302 – Replacement or Reconstruction – Class 2 and 15304 Minor Alternations to Land – Class 4; and

**Resolution No. 2021-0083**

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**BE IT FURTHER RESOLVED** that that an application for a Coastal Development Permit has been made for the proposed project and will be issued prior to construction; and

**BE IT FURTHER RESOLVED** that the Board finds that this Board action is a project that received a Section 163 determination by the Federal Aviation Administration ("FAA") on July 13, 2020, and therefore does not require review under the National Environmental Policy Act ("NEPA") for its potential environmental impacts.

**PASSED, ADOPTED, AND APPROVED** by the Board of the San Diego County Regional Airport Authority at a special meeting this 15<sup>th</sup> day of July 2021, by the following vote:

**AYES:** Board Members:

**NOES:** Board Members:

**ABSENT:** Board Members:

**ATTEST:**

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TONY R. RUSSELL  
DIRECTOR, BOARD SERVICES /  
AUTHORITY CLERK

**APPROVED AS TO FORM:**

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AMY GONZALEZ  
GENERAL COUNSEL

## Staff Report

Meeting Date: July 15, 2021

### Subject:

**Authorize the President/CEO to Award a Contract to Grahovac Construction for Remodel T2E for Access Control Office (ACO) & Harbor Police Department (HPD) Relocations at San Diego International Airport**

### Recommendation:

Adopt Resolution No. 2021-0074, authorizing the President/CEO to award a contract to Grahovac Construction in the amount of \$3,726,462 for Project No. 104290, Remodel T2E for ACO & HPD Relocations at San Diego International Airport

### Background/Justification:

Project No. 104290, Remodel T2E for ACO & HPD Relocations, is a San Diego County Regional Airport ("Airport") Authority ("Authority") Board ("Board") project in the FY2022-FY2026 Capital Improvement Program ("CIP").

The former Federal Inspection Station (FIS) spaces in Terminal 2 East (T2E) were vacated upon successful completion of the International Arrivals facility in June 2018. These abandoned spaces offer great opportunity for locating critical Airport operations and offices closer to the terminals and to improve customer service.

The scope of work includes renovation of the former FIS spaces, constructing a new modernized Access Control Office (ACO), Security Identification Display Area (SIDA) Training Room, and Lost & Found offices for the Authority. The project also addresses the future operational needs of the Harbor Police Department (HPD) by constructing new centralized HPD offices, as well as developing a warm shell space for a future TSA Employee Breakroom.

The scope of work also supports renovation of former airline offices at Terminal 2 West by Gate 42, constructing new Airfield Operations Duty Manager (AODM) offices. (Attachment A)

The entire project scope has been coordinated with the New Terminal 1 Program, with construction completion for each of the new spaces supporting the New Terminal 1 development and phasing.

This opportunity was advertised on April 9, 2021, and sealed bids were opened on June 14, 2021. The following bids were received: (Attachment B)

<b>Company</b>	<b>Total Bid</b>
Peter Vander Werff Construction, Inc.	\$3,644,000
Grahovac Construction	\$3,726,462
Sundt Construction, Inc.	\$4,250,000
Prava Construction Services, Inc.	\$4,641,885
Vasquez Construction Company	\$5,268,464

The Engineer's estimate for this project is \$4,000,000.

Peter Vander Werff Construction, Inc., the apparent low bidder, submitted a bid in the amount of \$3,644,000. However, Grahovac Construction, the second lowest bidder, with a bid of \$3,726,462, received five points for achieving the small business owned goal. Therefore, under Policy 5.12, Grahovac Construction's bid amount was reduced by \$182,200 to be \$3,544,262 and was the actual lowest bidder per the bid specifications.

Peter Vander Werff Construction, Inc., filed both a request for records under the California Public Records Act and a bid protest (the "Protest"). The Authority provided Peter Vander Werff Construction, Inc., with copies of all responsive records and applicable contract provisions that were used to make its determination for recommending award of the contract. After the Authority duly considered the Protest, it was denied. As of the writing of this staff report, the denial of the Protest is being appealed by Peter Vander Werff Construction, Inc. Accordingly, staff is requesting that the Board authorize the President/CEO to award this contract to Grahovac Construction. In the event the Protest is upheld on appeal, staff will return to the Board seeking further direction and/or approvals.

Grahovac Construction's bid of \$3,726,462, is responsive, and Grahovac Construction is considered responsible. Staff recommends the Board authorize the President/CEO to award a contract to Grahovac Construction in the bid amount of \$3,726,462.

**Fiscal Impact:**

Adequate funds for Remodel T2E for ACO & HPD Relocations are included within the Board adopted FY2022-FY2026 Capital Program Budget in Project No. 104194D. The Source of funding for this project is General Airport Revenue Bonds.

## Authority Strategies/Focus Areas:

This item supports one or more of the following (*select at least one under each area*):

### Strategies

- Community Strategy    Customer Strategy    Employee Strategy    Financial Strategy    Operations Strategy

### Focus Areas

- Advance the Airport Development Plan    Transform the Customer Journey    Optimize Ongoing Business

### Environmental Review:

- A. CEQA: This Board action is determined to be consistent with a California Environmental Quality Act ("CEQA") Categorical Exemption 15301 - Existing Facilities - Class 1 and 15302 - Replacement or Reconstruction - Class 2.
- B. California Coastal Act Review: This Board action is not a "development" as defined by the California Coastal Act. Cal. Pub. Res. Code §30106.
- C. NEPA: This Board action is not a project that involves additional approvals or actions by the Federal Aviation Administration ("FAA") and, therefore, no formal review under the National Environmental Policy Act ("NEPA") is required.

### Application of Inclusionary Policies:

The Authority has the following inclusionary programs and policy: a Disadvantaged Business Enterprise (DBE) Program, an Airport Concession Disadvantaged Business Enterprise (ACDBE) Program and Policy 5.12. These programs and policy are intended to promote the inclusion of small, local, service disabled/veteran owned small businesses, historically underrepresented businesses and other business enterprises, on all contracts. Only one of the programs or policy named above can be used in any single contracting opportunity.

This contract does not utilize federal funds and provides limited opportunities for sub-contractor participation; therefore, at the option of the Authority, Policy 5.12 was applied to promote the participation of qualified small businesses, service disabled/veteran owned small businesses, and local businesses. Policy 5.12 provides a preference of up to seven percent (7%) in the award of selected Authority contracts. When bid price is the primary selection criteria, the maximum amount of the preference cannot exceed \$200,000. The preference is only applied in measuring the bid. The final contract award is based on the amount of the original bid.

Meeting Date: July 15, 2021

In accordance with Policy 5.12 the recommended firm Grahovac Construction received small and local business preferences but did not receive veteran owned small business preference. They exceeded the small business goal of 37% with 40% small business participation, exceeded the local goal of 6% with 30% local business participation and had 2.5% veteran owned small business participation.

**Prepared by:**

Bob Bolton  
Director, Airport Design & Construction

**ATTACHMENT A**  
**104290 - Remodel T2 for ACO and HPD Relocation**  
**Project Location**

**TERMINAL 2 EAST**  
**FIRST FLOOR**  
**NEW ACO, LOST & FOUND, AND HPD**  
**OFFICES. NEW SIDA TRAINING**  
**ROOM AND TSA BREAKROOM**

**TERMINAL 2 WEST**  
**FIRST FLOOR**  
**NEW AODM OFFICES**



# BID TABULATION

# ATTACHMENT B

CIP Number: 104290

Project Title: Remodel T2E for ACO and HPD Relocations

DATE/TIME BIDS OPENED: June 14, 2021 @ 2:00pm

Bidder Number:	1	2	3	4	5	
Bidder Name:	<b>ENGINEER'S ESTIMATE</b>	Peter Vander Werff Construction, Inc.	Grahovac Construction Company, Inc.	Sundt Construction, Inc	Prava Construction Services, Inc.	M.W. Vasquez Const. Co., Inc. dba Vasquez Const. Co.
Bidder Address:		125 W. Lexington Ave El Cajon, CA 92020	8418 La Mesa Blvd. La Mesa, CA 91942	1660 Hotel Circle N., Ste 400 San Diego, CA 92108	344 N. Vinewood St Escondido, CA 92029	3009 G St. San Diego, CA 92102
Guarantee of Good Faith:		Markel Insurance Company	United Fire & Casualty Company	Fidelity and Deposit Company of Maryland	Philadelphia Indemnity Insurance Company	United Fire & Casualty Company
Is the Bid Responsive and Responsible?:		???	???	???	???	???
Total Unadjusted Bid Price:	\$4,000,000.00	\$3,644,000.00	\$3,726,462.00	\$4,250,000.00	\$4,641,885.00	\$5,268,464.00
Total Adjusted Bid Price (w/ Policy 5.12):		\$3,571,120.00	\$3,544,262.00	\$4,050,000.00	\$4,569,005.00	\$5,268,464.00

Bid Item No.	Bid Item Title	Quantity	Unit Item	1		2		3		4		5			
				Unit Price (In Figures)	Total (In Figures)	Unit Price (In Figures)	Total (In Figures)	Unit Price (In Figures)	Total (In Figures)	Unit Price (In Figures)	Total (In Figures)	Unit Price (In Figures)	Total (In Figures)		
<b>Bid Schedule A - Base Bid</b>															
1	Remodel T2 for ACO & HPD Relocations (Includes entire Work under this Contract, excluding Bid Items 2 through 11)	1	LS	\$ 2,975,000.00	\$ 2,975,000.00	\$ 2,767,160.00	\$ 2,767,160.00	\$ 2,553,890.00	\$ 2,553,890.00	\$ 3,304,000.00	\$ 3,304,000.00	\$ 3,166,881.00	\$ 3,166,881.00	\$ 4,135,544.00	\$ 4,135,544.00
2	Overhead	240	EA	\$ 2,000.00	\$ 480,000.00	\$ 1,616.00	\$ 387,840.00	\$ 2,800.00	\$ 672,000.00	\$ 1,900.00	\$ 456,000.00	\$ 4,145.85	\$ 995,004.00	\$ 2,633.00	\$ 631,920.00
3	Main CPM Schedule Development	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 3,000.00	\$ 3,000.00	\$ 19,287.00	\$ 19,287.00	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00
4	Monthly Schedule Updates	1	IS	\$ 40,000.00	\$ 40,000.00	\$ 6,000.00	\$ 6,000.00	\$ 1,285.00	\$ 1,285.00	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ 16,000.00	\$ 16,000.00
5	Allowance for Reimbursement of Permit Fees	1	AL	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
6	Allowance for Reimbursement of Work Performed on Fire Alarm System by Authority Fire Alarm Maintenance Contractor	1	AL	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00
7	Allowance for Reimbursement of Work Performed on HVAC Controls Integration by Authority HVAC Maintenance Contractor	1	AL	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
8	Allowance for Reimbursement of Work Performed on Access Control System (ACS) and CCTV by Authority Security Maintenance Contractor	1	AL	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00
9	Allowance for Relocation of Unknown Utilities and Mitigation of Unknown Conditions	1	AL	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
10				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Bid Schedule A</b>				<b>\$ 4,000,000.00</b>	<b>\$ 4,000,000.00</b>	<b>\$ 3,644,000.00</b>	<b>\$ 3,644,000.00</b>	<b>\$ 3,726,462.00</b>	<b>\$ 3,726,462.00</b>	<b>\$ 4,250,000.00</b>	<b>\$ 4,250,000.00</b>	<b>\$ 4,641,885.00</b>	<b>\$ 4,641,885.00</b>	<b>\$ 5,268,464.00</b>	<b>\$ 5,268,464.00</b>

<b>Bid Addendums Issued / Bidder Acknowledgement of Addendums:</b>														
1	Specification Changes					Yes								
2	Drawing Changes					Yes								

<b>CONTRACTOR's Total Unadjusted Bid Price:</b>	<b>\$4,000,000.00</b>	<b>\$3,644,000.00</b>	<b>\$3,726,462.00</b>	<b>\$4,250,000.00</b>	<b>\$4,641,885.00</b>	<b>\$5,268,464.00</b>
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<b>Board Policy 5.12 Preference to Small, Veteran Owned, and Local Business</b>																	
<b>Step 1 - Prime Contractor Status</b>																	
Small Business?						No		Yes		No		No		Yes			
Local Business?						No		Yes		Yes		No		Yes			
Veteran Owned Small Business?						No		No		No		No		No			
<b>Step 2 - Policy 5.12 Preferences Amount Calculations</b>																	
Preference																	
Small Business?				3.00%		\$ 109,320.00											
Local Business?				2.00%		\$ 72,880.00											
Veteran Owned Small Business?				2.00%		\$ 72,880.00											
<b>Step 3 - Policy 5.12 Preference Goal Credit Determination</b>																	
Goal						Provided		Meet?		Provided		Meet?		Provided		Meet?	
Small Business?				37.00%		33.75%		No		40.85%		Yes		17.21%		No	
Local Business?				6.00%		35.71%		Yes		30.05%		Yes		37.64%		Yes	
Veteran Owned Small Business?				3.00%		0.00%		No		2.58%		No		0.00%		No	
<b>Step 4 - Policy 5.12 Preference Application</b>																	
Small Business?						\$0.00				\$109,320.00				\$0.00			
Local Business?						\$72,880.00				\$72,880.00				\$72,880.00			
Veteran Owned Small Business?						\$0.00				\$0.00				\$0.00			
<b>Total Preference (\$200,000 max) / Percentage of Bid (7% max)</b>						<b>\$72,880.00</b>		<b>2.00%</b>		<b>\$182,200.00</b>		<b>5.00%</b>		<b>\$200,000.00</b>		<b>5.49%</b>	

<b>Total Adjusted Bid Price (w/ Policy 5.12)</b>	<b>\$3,571,120.00</b>	<b>\$3,544,262.00</b>	<b>\$4,050,000.00</b>	<b>\$4,569,005.00</b>	<b>\$5,268,464.00</b>
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## RESOLUTION NO. 2021-0074

A RESOLUTION OF THE BOARD OF THE SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY, AUTHORIZING THE PRESIDENT/CEO TO AWARD A CONTRACT TO GRAHOVAC CONSTRUCTION IN THE AMOUNT OF \$3,726,462 FOR PROJECT NO. 104290, REMODEL T2E FOR ACO & HPD RELOCATIONS SAN DIEGO INTERNATIONAL AIRPORT

**WHEREAS**, Project No. 104290, Remodel T2E for ACO & HPD Relocations is a San Diego County Regional Airport (“Airport”) Authority (“Authority”) Board (“Board”) approved project in the FY2022-FY2026 Capital Improvement Program (“CIP”); and

**WHEREAS**, the former Federal Inspection Station (FIS) spaces in Terminal 2 East (T2E) were vacated upon successful completion of the International Arrivals facility in June 2018; and

**WHEREAS**, these abandoned spaces offer great opportunity for locating critical Airport operations and offices closer to the terminals and to improve customer service; and

**WHEREAS**, the scope of work includes renovation of the former FIS spaces, constructing a new modernized Access Control Office (ACO), Security Identification Display Area (SIDA) Training Room, and Lost & Found offices for the Authority; and

**WHEREAS**, the project also addresses the future operational needs of the Harbor Police Department (HPD) by constructing new centralized HPD offices, as well as developing a warm shell space for a future TSA Employee Breakroom; and

**WHEREAS**, the scope of work also supports renovation of former airline offices at Terminal 2 West by Gate 42, constructing new Airfield Operations Duty Manager (AODM) offices; and

**Resolution No. 2021-0074**

Page 2 of 4

**WHEREAS**, the entire project scope has been coordinated with the New Terminal 1 Program, with construction completion for each of the new spaces supporting the New Terminal 1 development and phasing; and

**WHEREAS**, the Request for Bids for this project was advertised on April 9, 2021; and

**WHEREAS**, on June 14, 2021, the Authority opened sealed bids received in response to the Bid Solicitation Package; and

**WHEREAS**, Peter Vander Werff Construction, Inc., was the apparent low bidder with a bid in the amount of \$3,644,000; and

**WHEREAS**, Grahovac Construction, the second lowest bidder with a bid of \$3,726,462, received five point(s) for achieving the small business owned goal; and

**WHEREAS**, under Policy 5.12, Grahovac Construction's bid amount was reduced by \$182,200 to be \$3,544,262 and was the actual lowest bidder per the bid specifications; and

**WHEREAS**, the Authority staff has duly considered Grahovac Construction's bid, and has determined Grahovac Construction is responsible and that its bid is responsive in all material respects; and

**WHEREAS**, the Board believes that it is in the best interest of the Authority and the public that it serves to authorize the President/CEO to award Grahovac Construction the contract for Project No. 104290, Remodel T2E for ACO & HPD Relocations upon the terms and conditions set forth in the Bid Solicitation Package.

**NOW, THEREFORE, BE IT RESOLVED** that the Board hereby authorizes the President/CEO to award a contract to Grahovac Construction in the amount of \$3,726,462, for Project No. 104290, Remodel T2E for ACO & HPD Relocations at San Diego International Airport; and

**Resolution No. 2021-0074**

Page 3 of 4

**BE IT FURTHER RESOLVED** that the Board authorizes the President/CEO or designee to execute and deliver such contract to Grahovac Construction; and

**BE IT FURTHER RESOLVED** that the San Diego County Regional Airport Authority and its officers, employee, and agents are hereby authorized, empowered, and directed to do and perform such acts as may be necessary or appropriate in order to effectuate fully this resolution; and

**BE IT FURTHER RESOLVED** that the Board finds that this action is determined to be consistent with a California Environmental Quality Act ("CEQA") Categorical Exemption 15301 - Existing Facilities - Class 1 and 15302 - Replacement or Reconstruction - Class 2; and

**BE IT FURTHER RESOLVED** that the Board finds that this action is not a "development" as defined by the California Coastal Act (California Public Resources Code §30106); and

**BE IT FURTHER RESOLVED** that this action is not a project that involves additional approvals or actions by the Federal Aviation Administration ("FAA") and, therefore, no formal review under the National Environmental Policy Act ("NEPA") is required.

**Resolution No. 2021-0074**

Page 4 of 4

**PASSED, ADOPTED, AND APPROVED** by the Board of the San Diego County Regional Airport Authority at a special meeting this 15<sup>th</sup> day of July, 2021, by the following vote:

**AYES:** Board Members:

**NOES:** Board Members:

**ABSENT:** Board Members:

**ATTEST:**

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TONY R. RUSSELL  
DIRECTOR, BOARD SERVICES /  
AUTHORITY CLERK

**APPROVED AS TO FORM:**

---

AMY GONZALEZ  
GENERAL COUNSEL

**DRAFT**  
**SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY**  
**SPECIAL BOARD AND CAPITAL IMPROVEMENT PROGRAM OVERSIGHT**  
**COMMITTEE MEETING MINUTES**  
**THURSDAY, APRIL 15, 2021**  
**BOARD ROOM**

**CALL TO ORDER:** Vice Chair Robinson called the Special Board and Capital Improvement Program Oversight Committee meeting to order at 11:03 a.m., on Thursday, April 15, 2021, electronically and via teleconference pursuant to Executive Order N-29-20, at the San Diego International Airport, Administration Building, 3225 N. Harbor Drive, San Diego, CA 92101.

**ROLL CALL:**

***Board***

Present: Blakespear, Cabrera, Casillas Salas, McNamara, Robinson, von Wilpert

Absent: Dallarda (Ex-Officio), Dockery (Ex-Officio), Lloyd, Miller (Ex-Officio), Schiavoni (Chair), Vargas

***Committee***

Present: Committee Members: Blakespear, Cabrera, McNamara (Chair), von Wilpert

Absent: Committee Members: Schiavoni

Also Present: Kimberly J. Becker, President/CEO; Lee Kaminetz, Director, Counsel Services; Tony R. Russell, Director, Board Services/ Authority Clerk; Martha Morales, Assistant Authority Clerk I

**NON-AGENDA PUBLIC COMMENT:** None.

**BOARD WORKSHOP:**

1. **PROPOSED CAPITAL PROGRAM BUDGET FISCAL YEARS 2022-2026:** Bob Bolton, Director, Airport Design & Construction and John Dillion, Director, Financial Planning & Budget provided a presentation on the Proposed Capital Program Budget Fiscal Years 2022-2026 that included Current FY2021-2025 Capital Program Project Status, Current CIP Project Schedule, CIP Project Development Process, Prioritization Criteria, Proposed New Capital Projects, ADP Offsite Intersection/Roadway Segment Improvements, Hyoco Digital Sign Replacement at Elevated Departure Roadway, Replace P-01 Perimeter Access Gate, Fleet Conversion to Hybrid or Electric Vehicles, Rehabilitate ARFF Station, Noise

Exposure Map Update, Capital Program Budget Summary, Current/Proposed Capital Program Project Locations, Proposed FY2022 Capital Program Remaining Budget by Phase, Capital Program Budget Summary, Proposed FY2022 – 2026 CIP Program Project Locations, and Proposed FY2022 – 2026 CIP Program Source of Funds.

**NEW BUSINESS:**

**2. APPROVAL OF MINUTES:**

RECOMMENDATION: Approve the minutes of the January 14, 2021 regular meeting.

**ACTION: Moved by Board Member Cabrera and seconded by Board Member Blakespear to approve staff’s recommendation. Motion carried, noting Board Member Schiavoni ABSENT.**

**3. AIRPORT DEVELOPMENT PROGRAM UPDATE:**

Dennis Probst, Vice President, Development provided an update on Airport Development Program that included the Overall Project Scope as well as discussion of the Terminal and Roadways Program Validation and Maximum Contract Price.

**COMMITTEE MEMBER COMMENTS:**

**ADJOURNMENT:** The meeting was adjourned at 12:04 p.m.

APPROVED BY A MOTION OF THE CAPITAL IMPROVEMENT PROGRAM OVERSIGHT COMMITTEE THIS 15<sup>TH</sup> DAY OF JULY, 2021.

\_\_\_\_\_  
DENNIS PROBST  
VICE PRESIDENT, DEVELOPMENT

ATTEST:

\_\_\_\_\_  
TONY R. RUSSELL  
DIRECTOR, BOARD SERVICES/  
AUTHORITY CLERK

# New T1 Update

Presented by Dennis Probst, Vice President Development

July 15, 2021

# Overall Project Scope



**Package 1 – Terminal and Roadways**



**Package 2 – Airside Improvements**

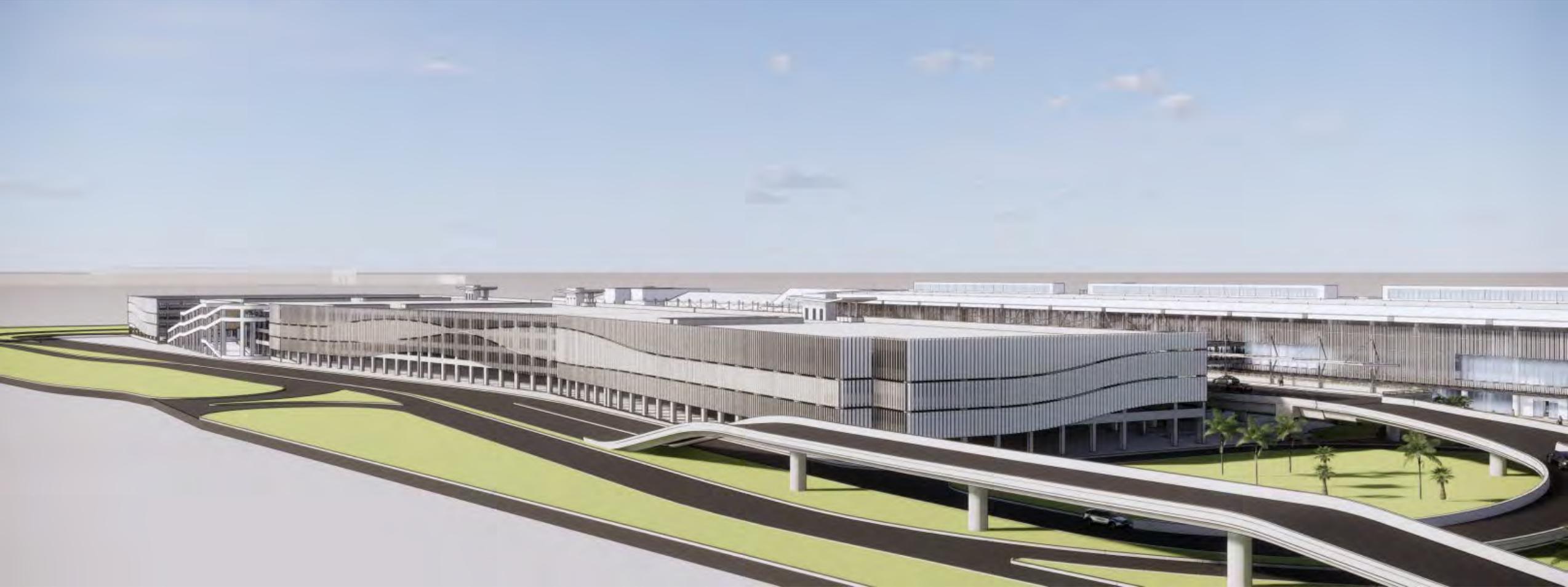


**Package 3 – Administration Building**

# New T1RP Campus Building Massing



# | T1RP View from Harbor Drive



# T1RP New T1 Campus



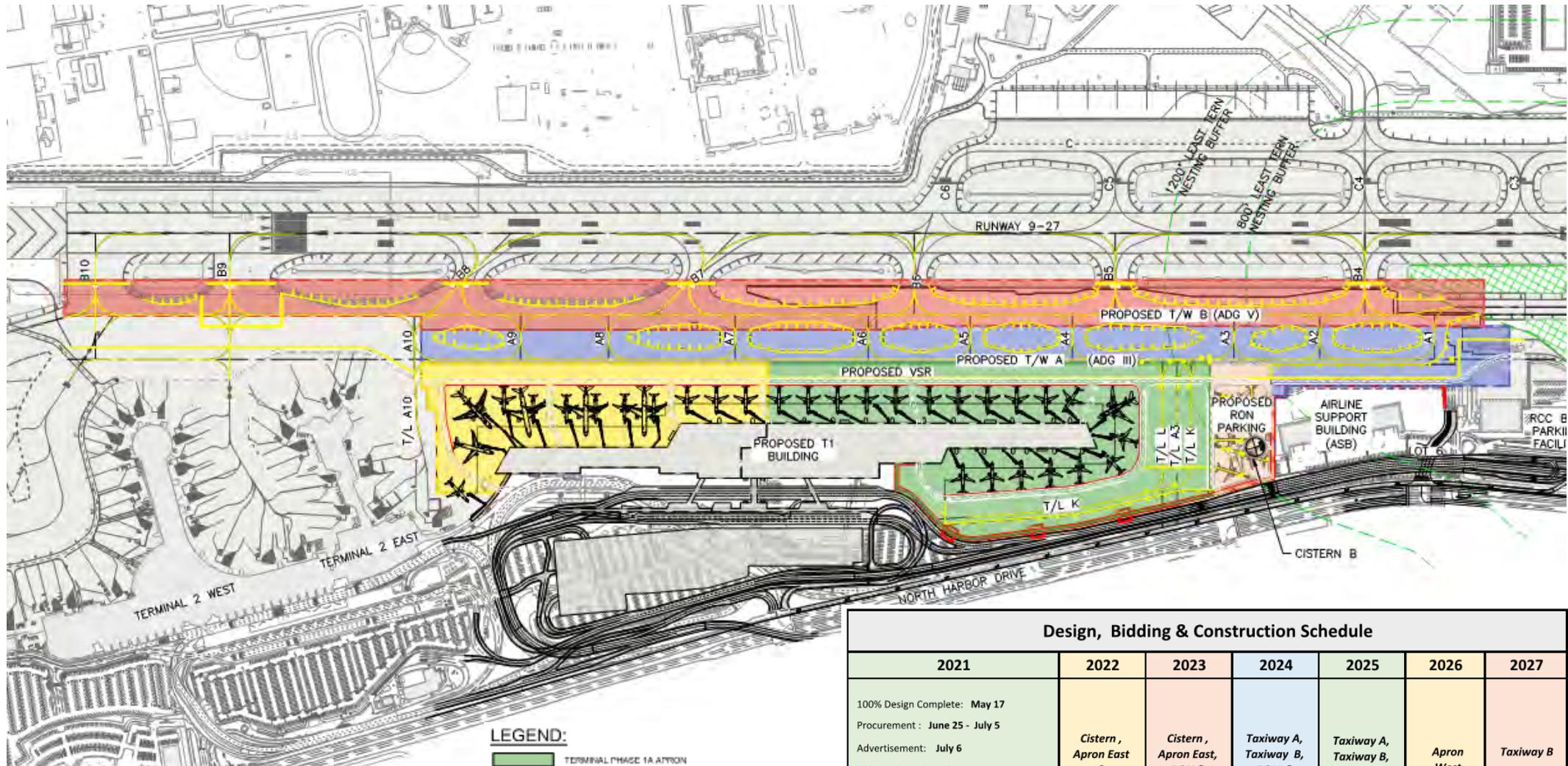
# | T1RP New T1 Campus



# | T1RP Elevated Departures Roadway (EDR)



# Airside Apron and Taxiway Pavement Phasing



**LEGEND:**

- TERMINAL PHASE 1A APRON
- TAXIWAY A
- TAXIWAY B
- EAST RON APRON
- TERMINAL PHASE 1B APRON
- TERMINAL AND ROADWAY CONSTRUCTION (NOT PART OF PROJECT SCOPE)

Design, Bidding & Construction Schedule						
2021	2022	2023	2024	2025	2026	2027
100% Design Complete: May 17 Procurement: June 25 - July 5 Advertisement: July 6 Bid Opening: Aug. 5 Board Meeting: Sept. 6 Notice To Proceed: Oct. 17	Cistern , Apron East & Taxiway A	Cistern , Apron East, RON & Taxiway A	Taxiway A, Taxiway B, RON & Apron East	Taxiway A, Taxiway B, RON & Apron West	Apron West	Taxiway B
<i>Design, Bidding &amp; Award</i>						

# Demolition Plan



LETTERING LEGEND	DEMO SCOPE DESCRIPTION	# PER DEMO CONTRACT 2	LETTERING LEGEND	DEMO SCOPE DESCRIPTION	# PER DEMO CONTRACT 2
A	TERMINAL 1	1.2	K	JET BLAST FENCE	N.I.C.
B	ROTUNDA	1.2	L	CWS FUELING STATION	N.I.C.
C	TERMINAL 1 - GATE 1, 1A, 2	1.2	M	BACK UP TRITURATOR	N.I.C.
D	JET BLAST FENCE	N.I.C.	N	UNITED AIRLINES HANGAR TERMINAL (UAHT)	12
E	TRITURATOR & VEHICLE WASH	N.I.C.	O	AMERICAN AIRLINES MAINTENANCE	18
F	SOLID WASTE FACILITY/ CARDBOARD BALER CANOPY	N.I.C.	P	AIRPORT ADMINISTRATIVE BUILDING	N.I.C.
G	UNITED CARGO	11.2	Q	ELECTRICAL VAULT - RACK RM 10	N.I.C.
H	SW CARGO	11.2	R	GATE P-18 GARAGEHOUSE	N.I.C.
I	SW CARGO ASSOCIATED SHED STRUCTURE	11.2	S	FMD MAINTENANCE SHOPS/ATTACHED JET BLAST FENCE	N.I.C.
J	AIR FREIGHT (SW, Alaska, Hawaii, Delta, JET Blue)	11.2	T	UPS BUS FUELING STATION	N.I.C.
K	AIR FREIGHT ASSOCIATED SHED STRUCTURE	11.2	U	FMD WORKSHOP & PROCUREMENT	N.I.C.
L	GATE P-23, P-24, P-25 AND GLAMP SHACK 27, RACK RM 10	11.2	V	FMD ADMINISTRATIVE BUILDING	1.2





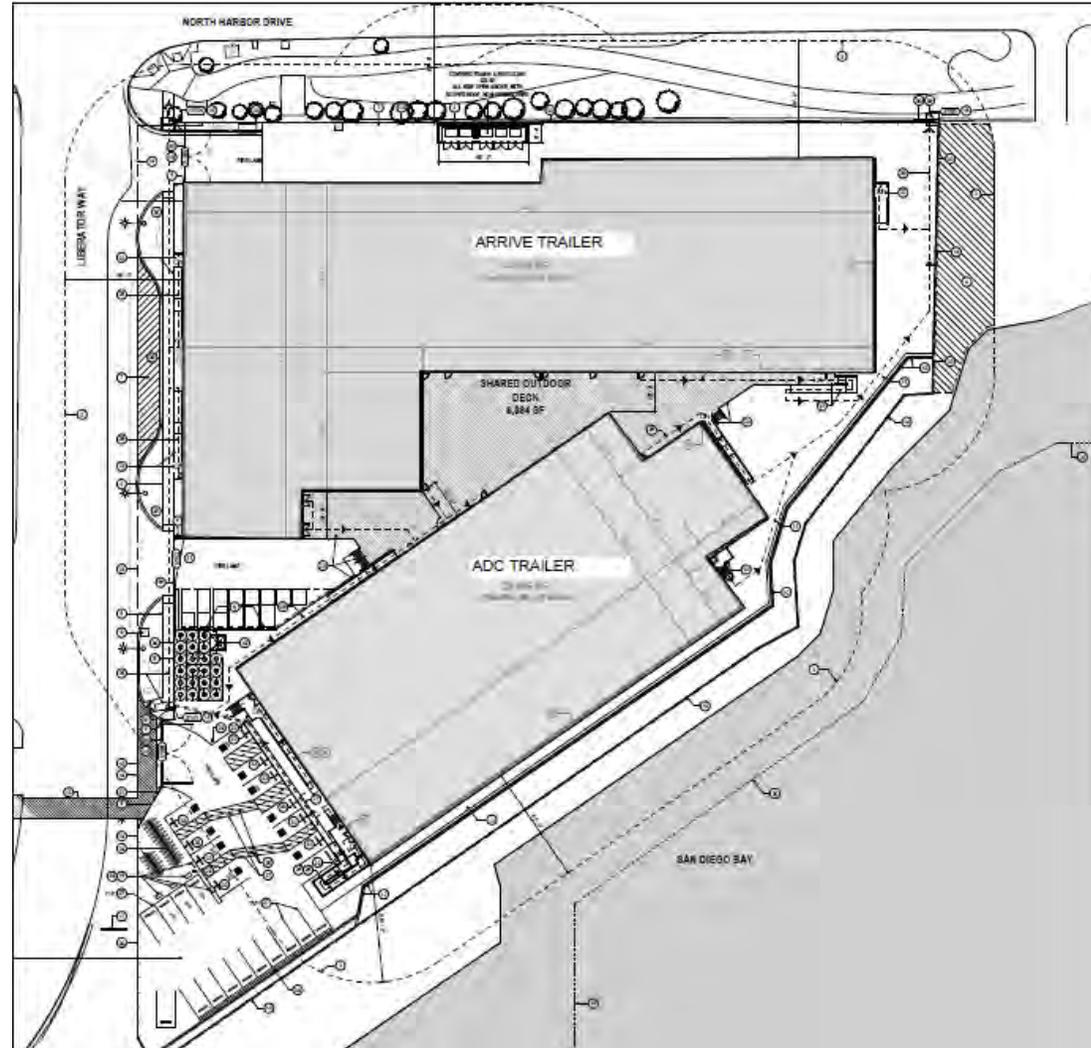
**SAN DIEGO INTERNATIONAL AIRPORT**  
 SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

SAN DIEGO INTERNATIONAL AIRPORT  
**PROGRAM MANAGEMENT COMPLEX**  
 12/1/2018

# Project Management Complex (PMC)



# PMC Trailer Complex



Questions?



# Airport Development Program (ADP) Environmental Process Update

Brendan Reed

Director of Airport Planning & Environmental  
Affairs

San Diego County Regional Airport Authority

Capital Improvement Program Oversight Committee (CIPOC)

July 15 , 2021

# ADP Environmental Entitlements

- Must receive 3 environmental review entitlements



Required Before  
Board Action

*COMPLETED*



Required Before Any  
Site Preparation &  
Construction

*IN PROCESS*



Required Before Any  
Site Preparation &  
Construction

*IN PROCESS*

# ADP & CA Coastal Act

## Three separate Coastal Development Permit (CDP) applications

- ADMINISTRATION BUILDING  
Construction of new Admin Building & demo of existing Admin Building  
Approved by CCC in August 2020
- AIRSIDE IMPROVEMENTS  
Construction of TWY A/B & Stormwater Cistern, as well as demo of existing areas  
Approved by CCC in June 2021
- LANDSIDE IMPROVEMENTS  
Construction of new T1, T1PP, & roadways, as well as demo of existing areas  
Includes other independent projects at request of CCC for streamlining purposes  
Potential CCC Hearing in September or October 2021

# ADP & NEPA

## Draft Environmental Assessment developed in coordination with FAA

- “SAN Airfield Improvements & Terminal 1 Replacement Project”
- Notice of Availability (NOA) published on June 16<sup>th</sup>
- Documents available online at [www.san.org/plan](http://www.san.org/plan)
- Hard copies also available at 3 library branches  
Central Library  
Point Loma/Hervey  
Mission Hills
- Written public comments due on August 2<sup>nd</sup> by 5pm

\*\*\*Virtual Public Workshop on July 19<sup>th</sup> 5-7pm\*\*\*



# ADP & NEPA

[www.san.org/plan](http://www.san.org/plan)



The screenshot shows the San Diego International Airport website. The navigation bar at the top includes links for "FLIGHTS", "TO & FROM", "PARKING", "SHOP DINE RELAX", "TRAVEL INFO", "SERVICES & FACILITIES", "INTERACTIVE MAP", "AIRPORT ART", and "BLOG". The main content area features a "New T1 Overview" section with the heading "ENVISIONING A NEW TERMINAL 1". A "NEW T1" icon is displayed in a blue box. The text describes the history of Terminal 1 and the plans for a new, more modern facility. A blue callout box contains information about the federal environmental review process, including a public meeting scheduled for July 19. A "New T1" button is located at the bottom left of the page. The background of the page is a large, high-angle photograph of the airport terminal's glass and steel structure.



# Thank You!

Brendan Reed

[breed@san.org](mailto:breed@san.org) | 619.400.2785 | [www.san.org/green](http://www.san.org/green)



LET'S GO.

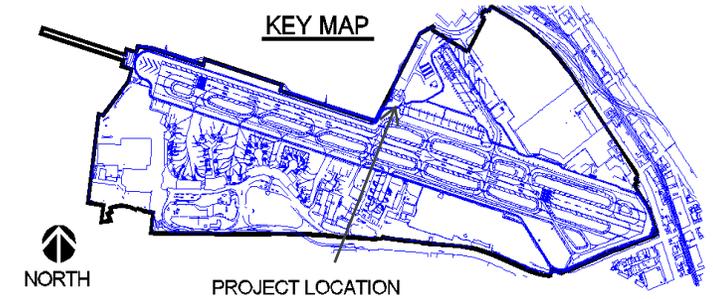
# Capital Improvement Program Update

Presented by Bob Bolton, Director  
Airport Design & Construction

July 15, 2021

# TIP 17036: San Diego Fuel Consortium Additional Fuel Tanks

Project Coordinator: Manmadh Rebba  
Construction Budget: \$23M  
Status: Construction  
CEQA/Coastal: Approved

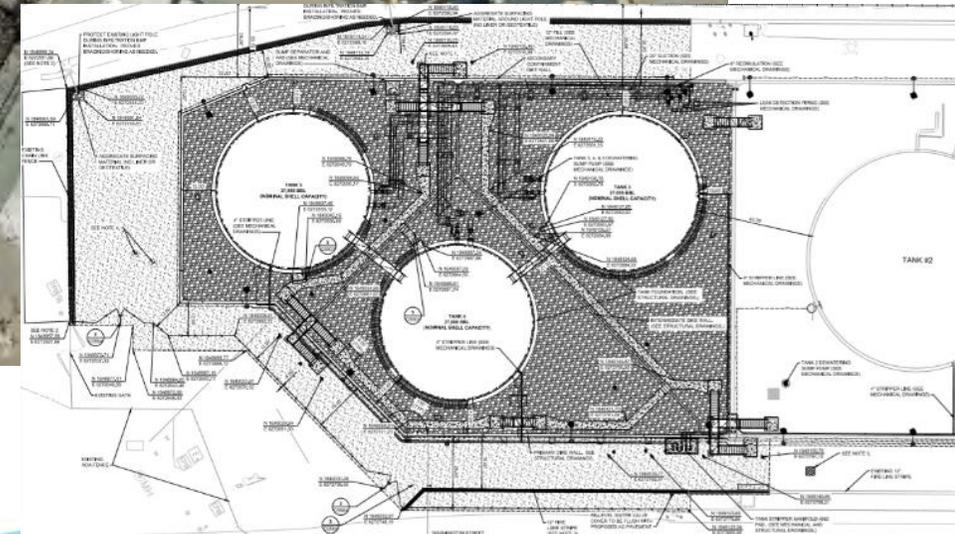


## SCOPE

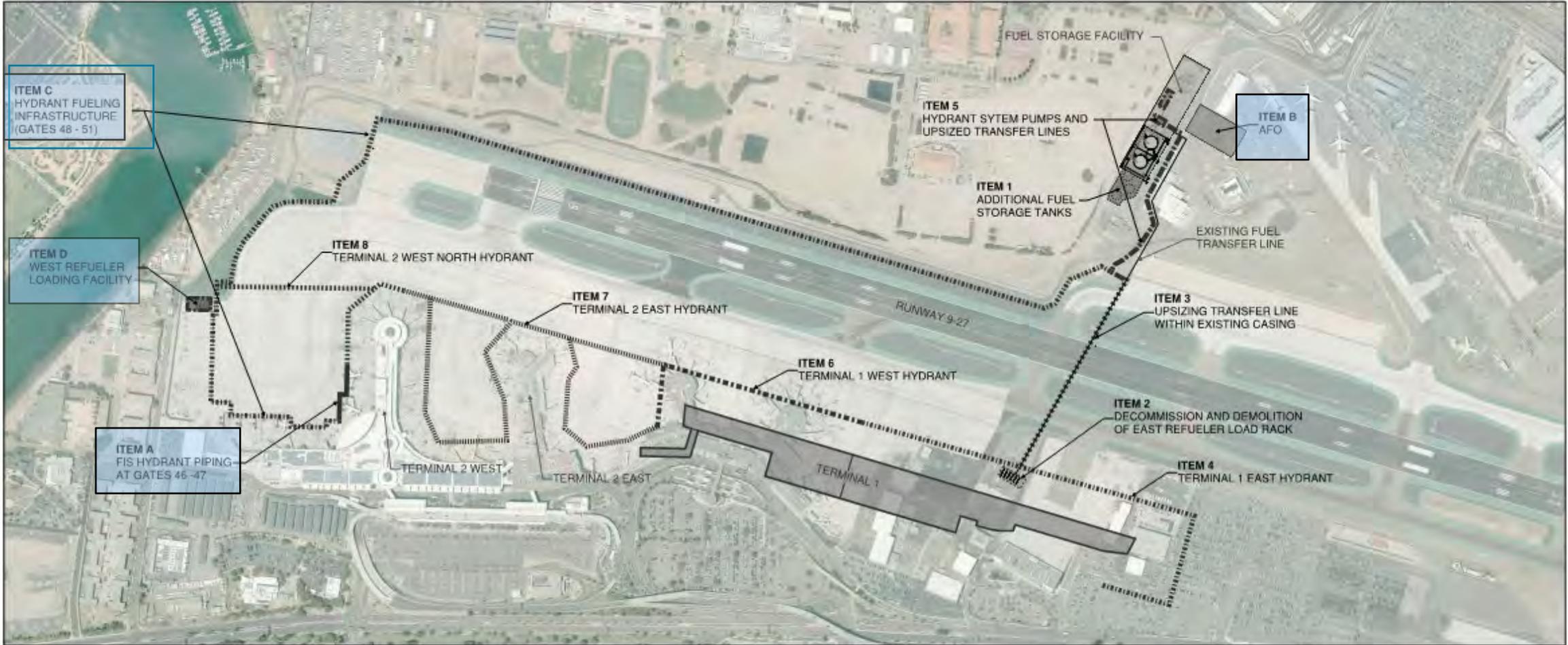
- Addition of three fuel storage tanks

## PROJECT MILESTONES

- CCC approval: June 2020 - Completed
- Completed City Plan Check: June 2020
- Fire Protection: Permit Received May 2021
- AOA Fence Relocation: Completed
- Construction Start: September 2020
- Completion: February 2022



# Hydrant Fueling Program at SAN



**LEGEND:**

- Construction
- ITEM 1 - ADDITIONAL FUEL STORAGE TANKS
- ITEM 2 - DECOMMISSION AND DEMOLITION OF EAST REFUELER LOAD RACK
- ITEM 3 - UPSIZING TRANSFER LINE WITHIN EXISTING CASING UNDER RUNWAY
- ITEM 4 - TERMINAL 1 EAST HYDRANT FUEL SYSTEM
- ITEM 5 - HYDRANT PUMP SYSTEM AND NEW UPSIZED TRANSFER LINES
- ITEM 6 - TERMINAL 1 WEST HYDRANT FUEL SYSTEM
- ITEM 7 - TERMINAL 2 EAST HYDRANT FUEL SYSTEM
- ITEM 8 - TERMINAL 2 WEST NORTH HYDRANT FUEL SYSTEM

- Complete
- ITEM A - FIS HYDRANT PIPING AT GATES 46 - 47
- ITEM B - AFO
- ITEM C - HYDRANT FUELING INFRASTRUCTURE (GATES 48 - 51)
- ITEM D - WEST REFUELER LOADING FACILITY

Items 1 thru 8 will be implemented by the Airlines. Items A thru D have been/will be implemented by the Airport Authority.



# San Diego Fuel Consortium Additional Fuel Tanks



Steel Reinforcements in Place

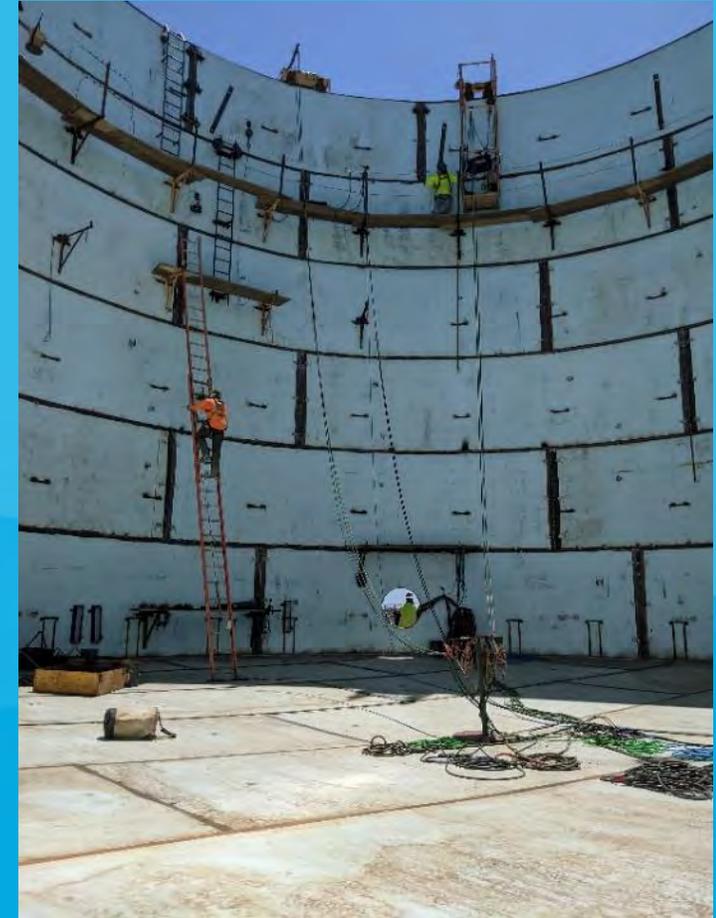


Concrete Pour in Progress

# San Diego Fuel Consortium Additional Fuel Tanks



Steel Rings at Tanks 3 & 4

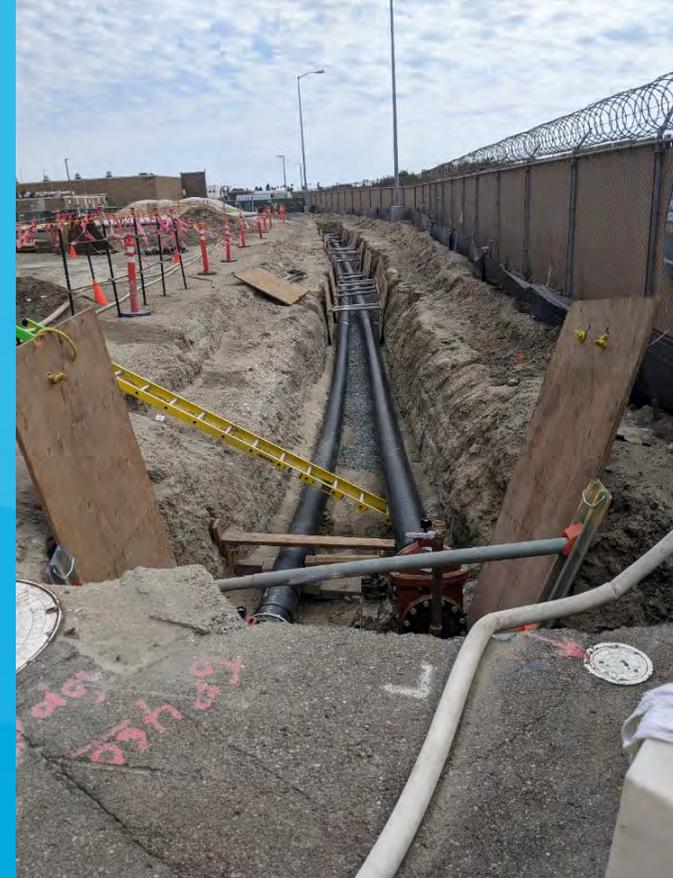


Interior of Tank 3

# San Diego Fuel Consortium Additional Fuel Tanks



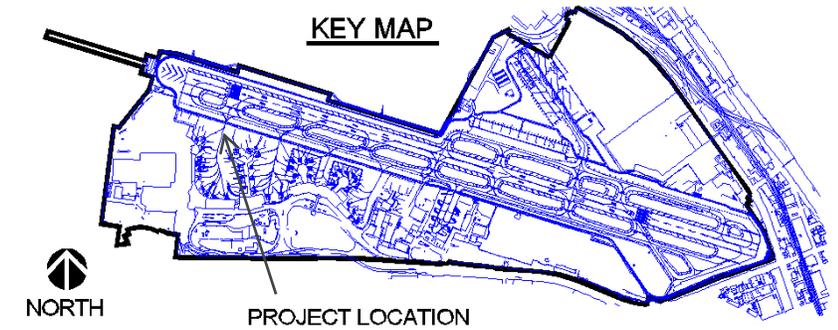
Tanks 3 & 4



Underground Fuel Pump Lines

# CIP 104281: Upgrade Engineered Materials Arresting System (EMAS)

Project Manager: Matthew Beyer  
Project Sponsor: Dean Robbins  
Project Budget: \$15.6M  
Phase: Construction  
CEQA/NEPA/Coastal: Approved



## SCOPE

- Remove and replace existing EMAS at end of design life
- Relocate FAA approach light (MALS) cabling
- Night work with hard runway closure (12-5 AM, Tues-Sat)
- Runway 27 localizer out of service for majority of project
- FAA funded, designated as “Mission Critical” project

## PROJECT MILESTONES

- Construction Start: February 2021
- EMAS Block Remove/Replace Start: April 2021
- Completion (anticipated): August 2021



# Upgrade Engineered Materials Arresting System

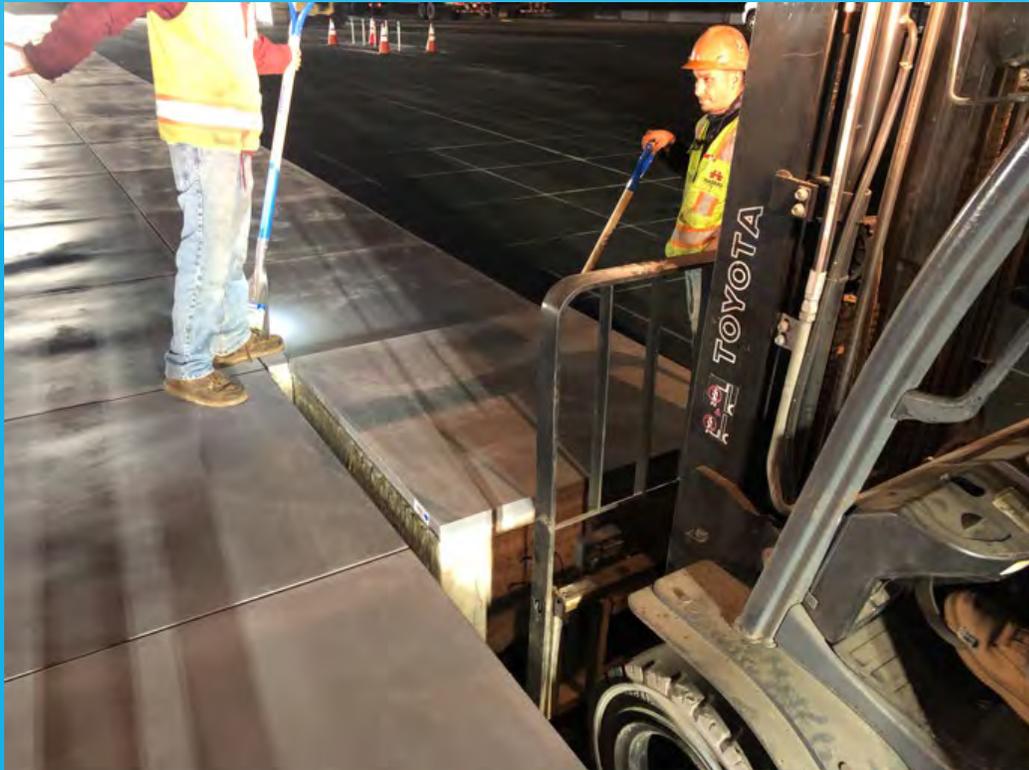
New EMAS Block Installation Activities



West End of Runway View to South

# Upgrade Engineered Materials Arresting System

## New EMAS Block Installation Activities



Placing New EMAS Block



Adjusting New EMAS Block Spacing

# Upgrade Engineered Materials Arresting System

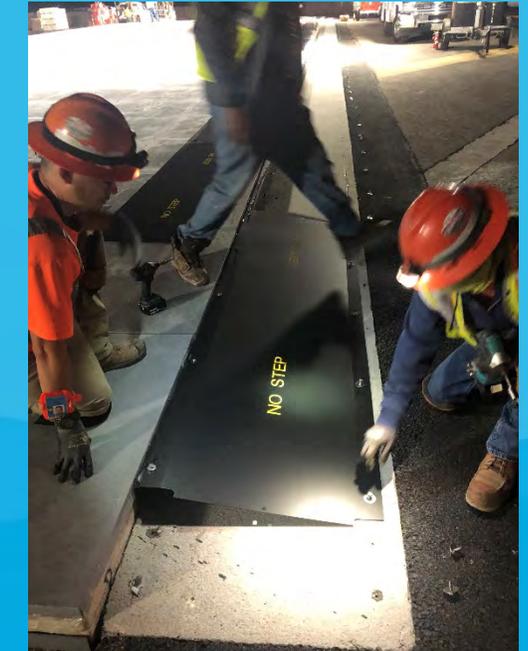
## New EMAS Block Installation Activities



Unloading New EMAS Blocks



Sealing Joints between EMAS Blocks



Deflector Shield Installation

# Upgrade Engineered Materials Arresting System



Example of EMAS Working

# CIP 104249A: West Refueler Loading Facility

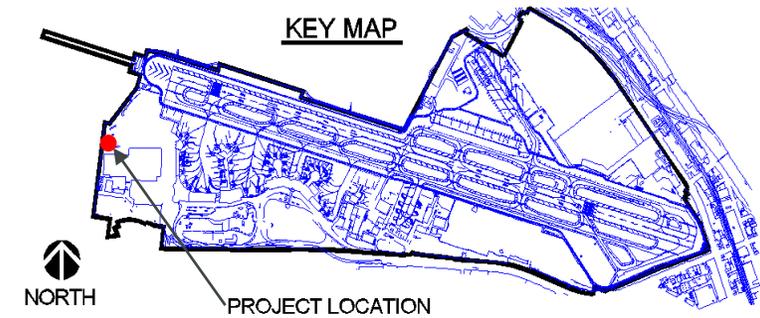
Project Manager: Lin Lin

Project Sponsor: Paul Anderson & Dean Robbins

Estimated Project Cost: \$14.1M

Phase: Construction

CEQA/Coastal: CatEx filed January 2021 / CDP received February 2021



## SCOPE

- Replace existing truck fueling rack in conflict with T1 construction
- Provide backup and supplemental aircraft fueling capability to support the proposed hydrant system
- Includes 5 fueling bays that meet the most current operational, safety, and sustainability requirements
- Includes connection from fuel farm to new hydrant fuel system piping

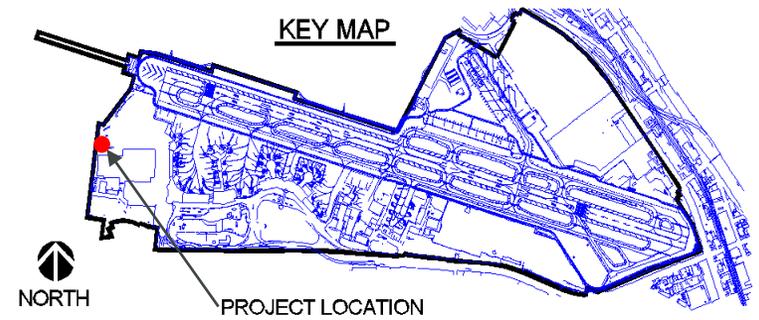
## PROJECT MILESTONES

- CDP received: February 2021
- Notice to Proceed: March 2021
- Construction Start: May 2021
- Completion: May 2022



# CIP 104274A: West Solid and Liquid Waste Facility

Project Manager: Lin Lin  
Project Sponsor: Richard Gilb & Amiel Porta  
Project Budget: \$9.4M  
Phase: Construction  
CEQA/Coastal: CDP received February 2021



## SCOPE

- Provide expanded solid waste management capacity to meet future demands
- Reduce vehicle service road congestion by adding a second waste facility
- Enhance support for SAN's Zero Waste Plan
- Includes a 2,800 SF canopy enclosure for separate food, recycling, and non-recycling waste streams

## PROJECT MILESTONES

- Notice to Proceed: March 2021
- Construction Start: May 2021
- Completion: May 2022



# West Refueler Loading and West Solid and Liquid Waste Facility



Setting up drill rig



Installing new perimeter fence

# West Refueler Loading and West Solid and Liquid Waste Facility



Demolishing concrete apron



Unloading pile drilling equipment

# West Refueler Loading and West Solid and Liquid Waste Facility



## Placing Pile Testing Hammer

An aerial photograph of the San Diego International Airport terminal and tarmac. The terminal building is a long, modern structure with a curved roof and large glass windows. The tarmac is filled with various aircraft, including commercial jets and smaller planes. In the background, there are runways, taxiways, and a large parking lot. The airport is situated near a body of water, with a city skyline visible in the distance.

Questions?

# Airside Charging Update Capital Improvement Program Oversight Committee (CIPOC)

Chad Reese, Environmental Affairs Manager  
July 15, 2021

# Agenda

- Alt. Fuel Vehicles & Vehicle Age Agreement
- 2020 GSE Inventory
- Grant Funding for EV Charging Infrastructure
- Project Scope
- Airline Commitments
- Next Steps



# Alt. Fuel Vehicles & Vehicle Age Agreement

By July 1, 2024

- 2.1 Alternative Fuel Vehicles:  
GSE Conversion to Alternative Fuel Sources
- 2.2 Motorized Equipment Age:  
GSE Less than Thirteen (13) Years Old
- 2.3 Supporting Infrastructure:  
EV Chargers & Alt Fueling Infrastructure
- 2.4 Exemptions:  
On an Item-by-Item Basis, or Basis of Vehicle Type or Equipment



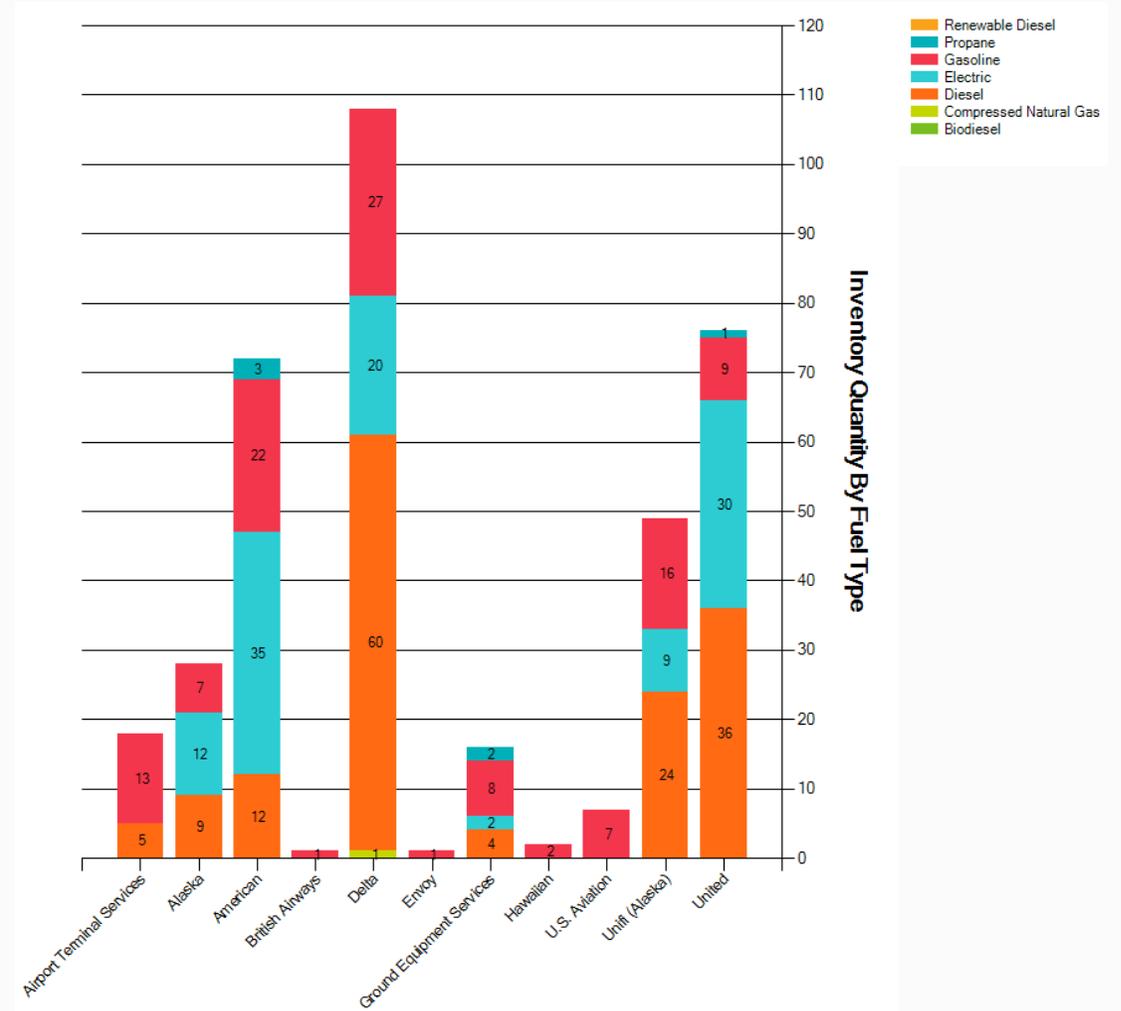
# Alt. Fuel Vehicles & Vehicle Age Agreement

2.3 Supporting Infrastructure. Authority and Airline recognize and agree that viable operations of Alternative Fuel Vehicles at the Airport require sufficient infrastructure to support the operations of such vehicles, including adequate fueling systems and charging stations, sufficient space and appropriate airside configuration, and that Authority and Airline must cooperate to ensure that such infrastructure is available. Accordingly, Authority agrees to provide adequate electric vehicle charging infrastructure to meet the demand for electric vehicles of Airline and other air carrier executing similar agreements, and Airline agrees to provide adequate, non-electric fueling systems (either directly or through the airline fuel consortium) to meet the demand for non-electric Alternative Fuel Vehicles of Airline and other air carrier executing similar agreements and both parties agree to cooperate as necessary to meet their respective obligations.

# 2020 GSE Inventory

## GSE at Terminal 2

- Gasoline
- Diesel
- Electric
- Opportunity to convert gas and diesel GSE to electric



# Grant Funding for EV Charging Infrastructure



## Voluntary Airport Low Emissions (VALE) Program

FEDERAL SUPPORT FOR CLEAN AIR AND AIRPORT EMISSIONS REDUCTION INITIATIVES

In 2004, *Vision 100* legislation established the Voluntary Airport Low Emissions (VALE) Program to encourage airport sponsors to implement clean technology projects that improve air quality.

VALE is available to commercial service airports located in areas that are in non-attainment or maintenance of National Ambient Air Quality Standards (NAAQS). Eligible project types include mobile and stationary equipment that reduce on-airport emissions, such as low-emission vehicles and infrastructure upgrades.

Airport sponsors can fund VALE projects using Passenger Facility Charges (PFCs) or Airport Improvement Program (AIP) grants. Both entitlements and discretionary AIP funds may be available for VALE projects.

Fees associated with preparing the VALE application and project engineering/design are reimbursable if a grant is ultimately awarded.

VALE projects also generate Airport Emission Reduction Credits (AERCs) that are recognized by the Environmental Protection Agency (EPA) and State Air Quality Agencies. Airport sponsors can use AERCs to meet future air emission regulation requirements for future capital projects.

In addition to standard FAA airport improvement grant assurances, airport sponsors must also agree to the following special conditions when implementing a VALE project:

1. All VALE-funded equipment must remain at the airport for its useful life,
2. The airport sponsor must track and maintain records of VALE-funded equipment use, and
3. The airport sponsor must maintain VALE-funded equipment in use during the equipment's useful life. This includes replacing damaged or inoperable equipment.

**ELIGIBLE PROJECT**

- Alternative Fuel Vehicles**—VALE incentivizes airport sponsors by funding the incremental cost of alternative fuel vehicles instead of conventionally-powered diesel and gasoline vehicles. Alternative fuels include compressed natural gas (CNG), electricity, hybrid technologies, and hydrogen. The supporting recharging/refueling infrastructure is also eligible for funding.
- Gate Electrification**—Electric Pre-conditioned Air (PCA) (point-of-use or centralized) and ground power converter units (mobile or fixed) significantly reduce emissions associated with aircraft auxiliary power unit (APU) usage. Necessary upgrades to the supporting electrical infrastructure to operate the equipment are also eligible for funding.
- Remote Ground Power**—Electric ground power converter units reduce aircraft APU emissions by providing clean electricity to remote parking positions for remain-over-night (RON), cargo, and maintenance operations. The necessary upgrades to the supporting electrical infrastructure are also eligible for funding.

<https://www.faa.gov/airports/environmental/vale/>



## Power Your Drive for Fleets

Charging Infrastructure Support for Medium- & Heavy-Duty Electric Vehicles

Our goal is to make it easier for organizations to transition to an electric fleet, which can reduce operating costs, eliminate tailpipe emission, and simplify maintenance.

As part of our commitment to clean transportation and clean air, SDG&E is implementing the **Power Your Drive for Fleets** program to install the charging infrastructure needed to electrify medium- and heavy-duty (MD/HD) vehicles.

**PROGRAM OVERVIEW**

**\$107 million**  
budget over 5 years

**300+ customer sites**  
commercial and private fleets

**3,000+ new EVs**  
on- and off-road Class 2-8

Program targets a diverse mix of on-road and off-road, medium- and heavy-duty vehicle types\*

**VEHICLE TYPE ESTIMATES**

\*Actual representation of vehicle types subject to vary based on program implementation, project costs, and market readiness.

Want to learn more about the program? Visit [sdge.com/evfleets](https://www.sdge.com/evfleets)  
Ready to talk to a customer solutions specialist? Visit [sdge.com/mdhd-interest-form](https://www.sdge.com/mdhd-interest-form)

<https://www.sdge.com/business/electric-vehicles/power-your-drive-for-fleets>

# Project Scope

## New EV Chargers at Terminal 2

- Meets Authority EV charging infrastructure commitments
- Fills gaps in T2 EV infrastructure with Authority-owned chargers
- 18 locations
- 39 new EV chargers



# Airline Commitments

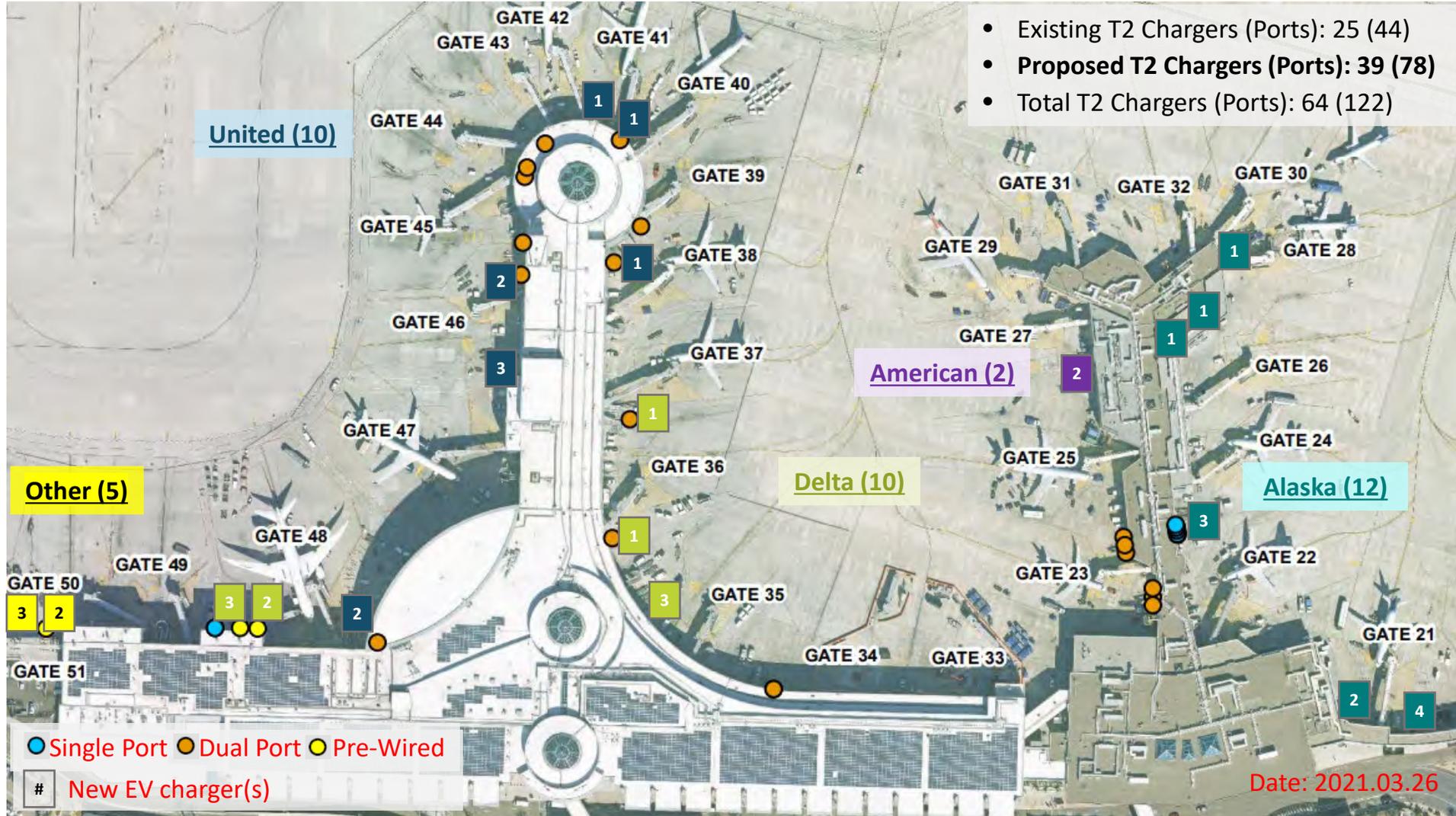
## Within 3 Years:

- Airlines commit to bringing 74 electric GSE to SAN in support of VALE funding
- Baggage Tractors
- Belt Loaders
- Aircraft Tractors
- Lifts
- Forklifts

Table 2 Summary of Model Inputs

VALE Year	Equipment Type	Fuel	Population	Modeled Year of Manufacture	Useful Life	Horsepower	Load Factor	Annual Hours of Operation
Year 1	Baggage Tractor	Diesel	3	2011	13	71	0.55	4,500
Year 1	Baggage Tractor	Diesel	4	2023	13	71	0.55	6,000
Year 1	Baggage Tractor	Gas	1	2023	13	107	0.55	1,500
Year 1	Belt Loader	Diesel	1	2023	11	71	0.50	1,300
Year 1	Belt Loader	Gas	1	2023	11	107	0.50	1,300
Year 1	Baggage Tractor	Gas	3	2023	13	107	0.55	4,500
Year 2	Baggage Tractor	Diesel	8	2011	13	71	0.55	12,000
Year 2	Baggage Tractor	Diesel	5	2023	13	71	0.55	7,500
Year 2	Baggage Tractor	Gas	2	2023	13	107	0.55	3,000
Year 2	Belt Loader	Diesel	1	2015	11	71	0.50	1,300
Year 2	Belt Loader	Diesel	4	2023	11	71	0.50	5,200
Year 3	Aircraft Tractor	Diesel	1	2014	13	124	0.80	800
Year 3	Aircraft Tractor	Diesel	1	2016	13	124	0.80	800
Year 3	Aircraft Tractor	Diesel	3	2018	13	124	0.80	2,400
Year 3	Aircraft Tractor	Diesel	3	2023	13	124	0.80	2,400
Year 3	Baggage Tractor	Diesel	1	2015	13	71	0.55	1,500
Year 3	Baggage Tractor	Diesel	11	2023	13	71	0.55	16,500
Year 3	Baggage Tractor	Gas	3	2023	13	107	0.55	4,500
Year 3	Belt Loader	Diesel	13	2023	11	71	0.50	16,900
Year 3	Belt Loader	Gas	1	2023	11	107	0.50	1,300
Year 3	Forklift	Diesel	1	2023	13	55	0.30	976
Year 3	Lift	Diesel	1	2013	11	115	0.50	341
Year 3	Lift	Diesel	1	2023	11	115	0.50	341
Year 3	Lift	Gas	1	2023	11	105	0.50	341

# New EV Chargers at Terminal 2



# Next Steps

## Project Timelines

- (Sept 2021) FAA and Authority sign agreement before FAA fiscal year ends
- (Sept 2021) Authority Board approves award to Contractor and Agreement with SDG&E
- (Oct 2021) Authority Notice to Proceed (NTP) to Contractor
- (Jan 2022) Anticipated beginning of construction
- (May 2022) Anticipated end of construction





# Thank You!

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