



2/5/2025

Consideration to Award a Contract for the Central Wheeler Tank Construction and System Improvements Project and Authorize Construction Related Services

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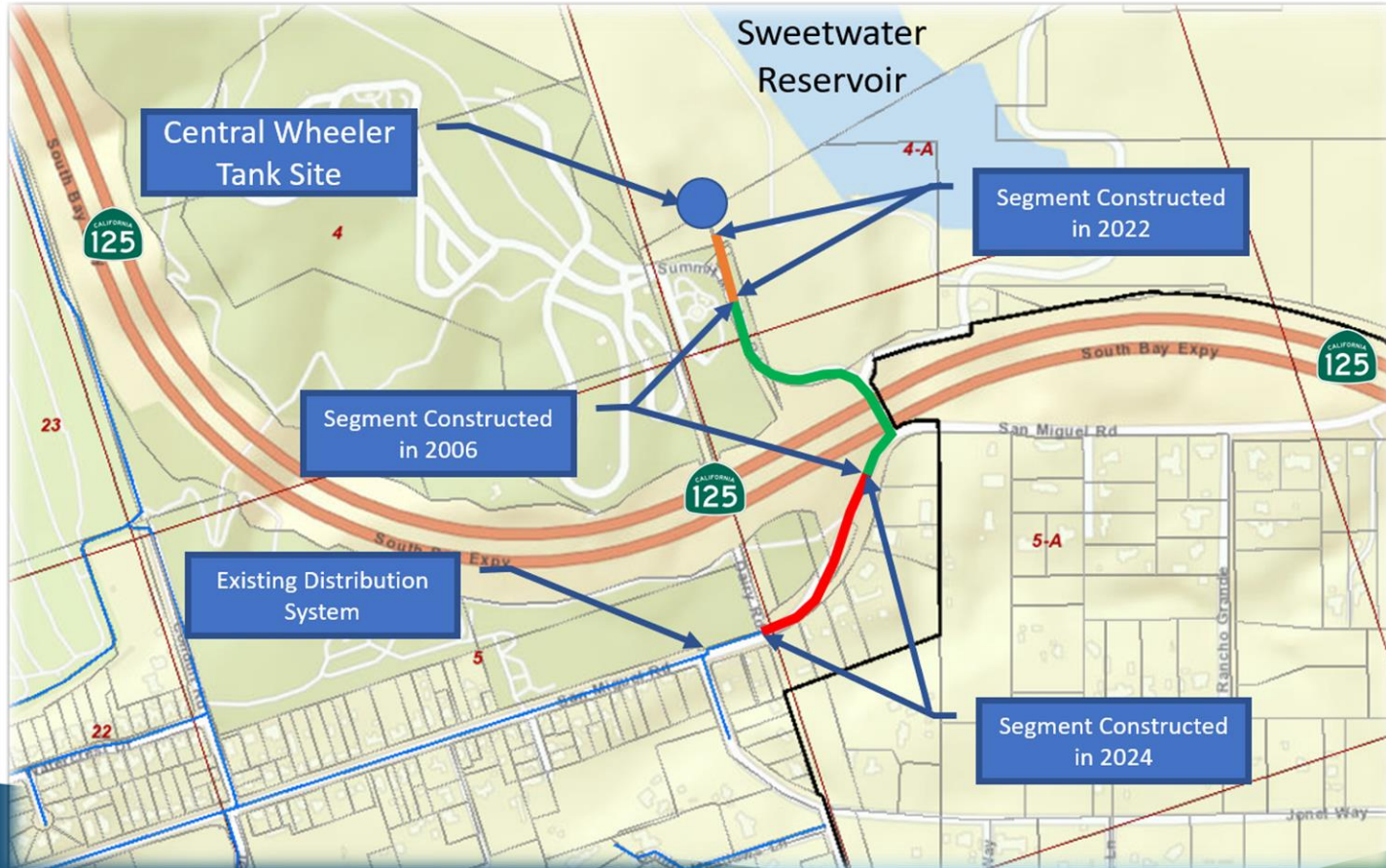
Background

- Previous master planning efforts identified deficiencies in water supply within the Wheeler Pressure Zone of the Authority's water distribution system.
- The 2020 Water Distribution System Master Plan recommended the construction of a new 0.8 million gallon (MG) Central-Wheeler Tank.
- Proposed expanding the Wheeler Pressure Zone to include 187 parcels currently supplied by gravity near San Miguel Road in the communities of Bonita and Sunnyside.
- Several distribution system improvements have been made to connect between future tank site and existing distribution system.



Proposed View

Project Location



Project Development Timeline

**April 24, 2021
Board
Meeting**



**Design
Development**



**Construction
Bid
Advertised**



**January 17,
2025
Bid Opening**

Board Adopted a
MND/MMRP for
Environmental
Compliance

Need for Design
Development including

- ✓ Welded Steel Tank
Design
- ✓ Incorporating RCS
System
- ✓ Electrical/Control
Design

Design Consultant:
Ardurra
Plans/Technical
Spec/OPCC Prepared
OPCC: \$3,967,661

11/22/24: Bid Advertised
12/16/24: Mandatory Pre-
Bid Meeting (6 Prime
Contractors Attended)

**Total 42 RFIs and
1 Addendum**

Total 4 Bids Received



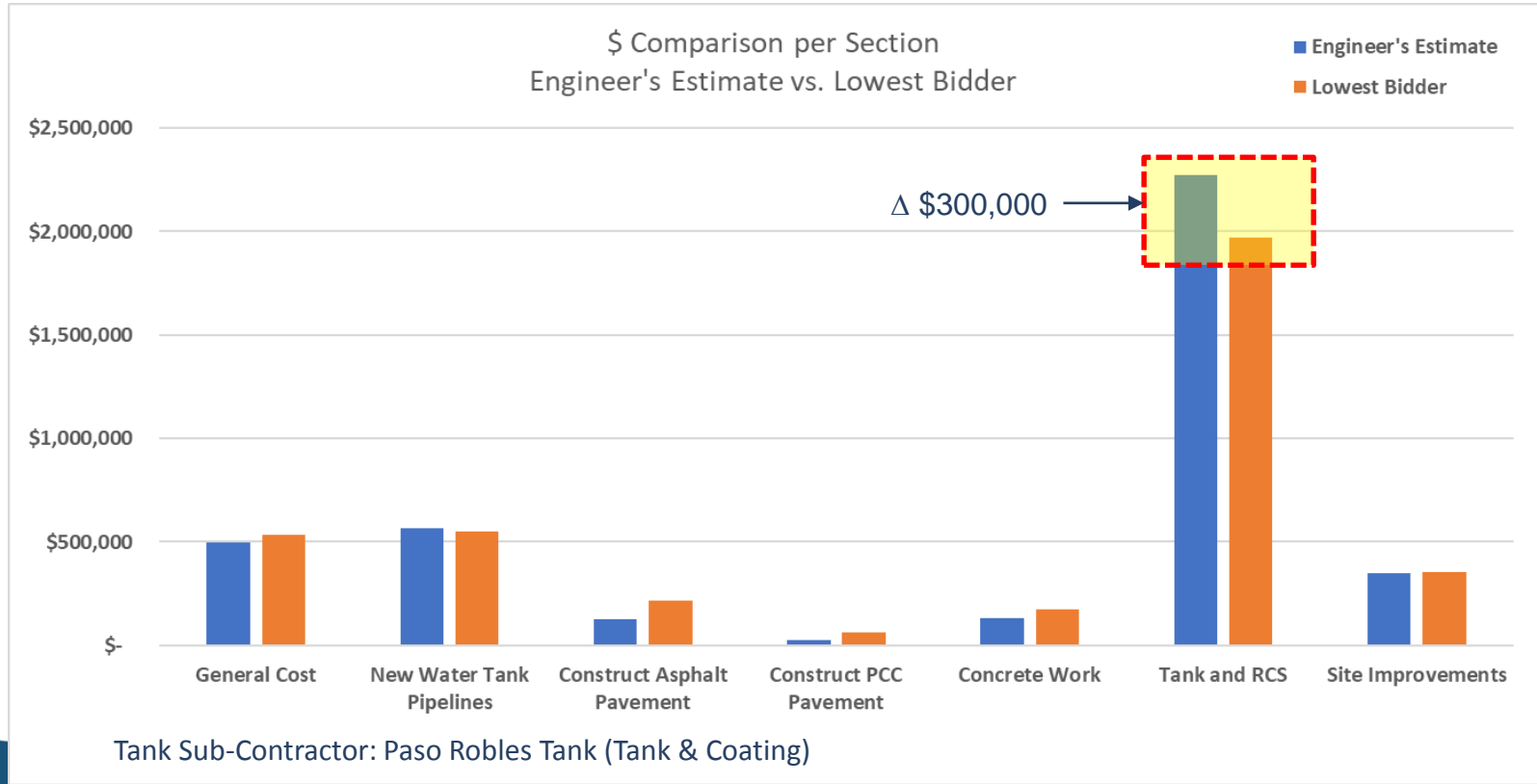
Received Bids

Bidder	Bid Amount
Canyon Springs Enterprises	\$ 3,866,615
Covenant Technical Solutions	\$ 4,649,140
Pacific tank & Construction, Inc.	\$ 5,253,474
Innovative Construction Solutions	\$ 5,820,000

- Canyon Springs Enterprises Submitted the Lowest & Responsive Bid
- Class A General Contractor's License
- Successfully Completed Similar Water System Construction Projects
- Contract documents require project to be completed within 486 calendar days after providing Noticed to Proceed.



Lowest Bid Comparison with OPCC



Additional Services Needed During Construction

- Construction Management and Inspection
 - (Civil/Mechanical/Structural/Specialties-Welding/Coating etc.)
- Construction Technical Support by Engineer of Record
- SCADA Programming/Configuration
- Construction Management for Electrical & SCADA
- CEQA Compliance
 - Preliminary Site Work Monitoring/MMRP Compliance



Fiscal Impact - Expenses

Central Wheeler Tank Construction and System Improvements (20014016)	
FY 2023-2024 carried over for the Project	\$2,416,000
Budget transfer from Sweetwater Dam Improvements (20114012)	<u>\$4,000,000</u>
Total project budget	\$6,416,000
Less design and expense to date	<u><812,303></u>
Available Project balance:	\$5,603,697
Less project costs:	
Construction contract amount	<3,866,615>
Construction contingency, 5%	<193,331>
Construction Management and Inspection (TKE)	<375,360>
Construction Support-Engineer of Record (Ardurra)	<99,898>
SCADA Programming/Configuration (Enterprise Automation)	<50,000>
SCADA Construction Management (Rockwell)	<44,000>
MMRP Compliance (Dudek)	<183,183>
Pressure Zone Conversion, 187 Locations*	<u><252,450></u>
Project budget balance	\$538,860



Fiscal Impact – Proposed Amendment of TKE Contract

TKE's not-to-exceed contract increase for the	
Central Wheeler Tank Construction and System Improvements Project	
Current approved not-to-exceed amount	\$200,000
Proposed Increase	<u>340,000</u>
Proposed not-to-exceed amount	\$540,000
Less Cost:	
Central Wheeler Tank-Constructability Review	<9,725>
Tank Rehabilitation 2025-Constructibility Review	<11,365>
Deep Anode Well Replacement-CM/Inspection	<38,400>
General as-needed engineering costs expended	<59,490>
Proposed CM Services for Central Wheeler Tank	<u><375,360></u>
Balance of contract available for other as-needed projects outlined in original agreement	\$105,150*



Fiscal Impact – Proposed Amendment of Ardurra Contract

Ardurra's not-to-exceed contract increase for the	
Central Wheeler Tank Construction and System Improvements Project	
Current approved not-to-exceed amount	\$400,000
Proposed Increase	<u>50,000</u>
Proposed not-to-exceed amount	\$450,000
Less Cost:	
Central Wheeler Tank-Design Services	<149,853>
Evaluate the Perdue Water Treatment Plant Clearwell	<190,623>
General as-needed engineering costs expended	<340,476>
Proposed Construction Support for Central Wheeler Tank	<u><\$99,898></u>
Balance of contract available for other as-needed projects outlined in original agreement	\$9,626



Fiscal Impact – Proposed Amendment of Dudek Contract

Dudek's not-to-exceed contract increase for the	
Central Wheeler Tank Construction and System Improvements Project	
Current approved not-to-exceed amount	\$150,000
Proposed Increase	<u>150,000</u>
Proposed not-to-exceed amount	\$300,000
Less Cost:	
Proposed Construction Support for Central Wheeler Tank	<u><\$183,183></u>
Balance of contract available for other as-needed projects outlined in original agreement	\$116,817



Options and Staff's Recommendation

1. Authorize the General Manager to do the following:

- a) Award and execute a contract for the Central Wheeler Tank Construction and System Improvements Project with Canyon Springs Enterprises of Temecula, CA, for an amount of \$3,866,615;
- b) Allocate a five percent contingency fund in the amount of \$193,331 for the Canyon Springs Enterprises construction contract;
- c) Execute amendment no.1 to the on-call construction management and inspection services contract with TKE Engineering, Inc. for an additional \$340,000, for an overall not-to-exceed amount of \$540,000;
- d) Approve a task order for TKE for construction management services for a not-to-exceed amount of \$375,360;
- e) Execute amendment no. 2 to the on-call civil engineering services contract with Ardurra for an additional \$50,000, for an overall not-to-exceed amount of \$450,000;
- f) Approve a task order for Ardurra for construction support services for a not-to-exceed amount of \$99,898;
- g) Approve a task order to Enterprise Automation for SCADA programming and configuration, for a not-to-exceed amount of \$50,000;
- h) Approve a task order to Rockwell Construction Services, LLC for SCADA construction management, for a not-to exceed amount of \$44,000;
- i) Execute amendment no.1 to the on-call environmental consulting services contract with Dudek for an additional \$150,000, for an overall not-to-exceed amount of \$300,000; and
- j) Approve a task order to Dudek for Mitigation Monitoring Reporting Program compliance for a not-to-exceed amount of \$183,183.

2. Other direction as determined by the Board.

Staff recommends Option 1



Questions?

