



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

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ORIGINATING SECTION: FACILITIES ENGINEERING
CONTACT: ATHENA WATSON/RHETT ALZONA

AGENDA DATE: August 16, 2017

ITEM NO. 9

SUBJECT: Award of Contracts for the DVWTP Clearwell Recoating Project

SUMMARY:

- The Del Valle Water Treatment Plant (DVWTP) 4.5 million gallon (MG) steel clearwell was constructed in 1989 and the exterior of the clearwell was re-coated in 2009. Based on the age of the clearwell and condition assessment of the interior coating, recoating improvements are needed to provide better protection and prolong its useful life.
- The DVWTP Clearwell Recoating Project (Project) scope includes recoating the entire interior of the clearwell, replacing the cathodic protection system, and replacing the inlet, outlet and drain valves.
- Per CEQA guidelines, Zone 7 staff has prepared a Notice of Exemption for the project and filed it with the Alameda County Clerk and Recorder's Office.
- In accordance with the California Public Contract Code, Zone 7 advertised and solicited bids for the Project. The Engineer's estimate for the project scope under this contract is \$2,100,000.
- On August 1, 2017, four bids ranging from \$1,177,900 to \$2,898,610 were received. The lowest responsive and responsible bidder is Crosno Construction, Inc., with a bid of \$1,177,900.
- There is also a need to procure specialty inspection services for the project to ensure that the surface is prepared and coating is applied per the contract documents.
- Zone 7 solicited proposals from coating inspection firms and Bay Area Coating Consultants, Inc. (BACC), was determined to be most suitable to provide coating inspection services for the project.
- Staff recommends that the Board: a) award the construction contract to Crosno Construction, Inc., in an amount not-to-exceed \$1,295,690, which includes 10% contingency, and b) authorize the General Manager to negotiate and execute a coating and inspection professional services contract with BACC in an amount not-to-exceed \$140,000, which includes a 10% contingency.

FUNDING: Funding for the project is available in the fiscal year 2017-18 budget from Fund 120 - Renewal/Replacement and System-Wide Improvements.

RECOMMENDED ACTION: Adopt the two attached resolutions.

ATTACHMENTS:

- Memo providing additional background and discussion of agenda item
- Board Resolutions (2)

Interoffice Memo

Date: August 16, 2017
To: Jill Duerig, General Manager
From: Athena Watson, Associate Civil Engineer, Facilities Engineering
Subject: Award of Contracts for the DVWTP Clearwell Recoating Project

The following provides additional background and discussion of the above-referenced agenda item.

BACKGROUND:

The Del Valle Water Treatment Plant (DVWTP) 4.5 million gallon (MG) treated water storage reservoir (clearwell) was constructed in 1989. The exterior of the clearwell was re-coated in 2009. The original interior coating has exceeded its useful life. The condition of the coating is inspected approximately every two to three years when the clearwells are cleaned. The inspection reports from 2011 and 2014 for this clearwell show significant blistering and peeling of the interior coating. Recoating of the entire interior surface of the clearwell is necessary to provide better protection and prolong the useful life of the treated water storage reservoir. In addition, the cathodic protection system, as well as the inlet, outlet and drain valves, are all in need of replacement.

DISCUSSION:

The DVWTP Clearwell Recoating Project scope includes recoating the entire interior of the clearwell, replacing the cathodic protection system (anodes and rectifier), and replacing the inlet/outlet and drain valves.

Per the California Environmental Quality Act (CEQA) guidelines, Zone 7 staff prepared a Notice of Exemption for the project and filed it with the Alameda County Clerk and Recorder's Office.

Zone 7 advertised the project two times in two local newspapers in accordance with the Public Contract Code. In addition, the project was advertised on Zone 7's website and with northern California Builders Exchanges. A mandatory pre-bid meeting was held on July 20, 2017. On August 1, 2017, in accordance with established procedures, the following bids were received:

<u>Name of Firm</u>	<u>Total Bid Amount</u>
Crosno Construction Inc., Arroyo Grande, CA	\$ 1,177,900
Olympus & Associates Inc., Reno, NV.	\$ 1,406,525
Advanced Industrial Services, Inc., Los Alamitos, CA	\$ 1,949,999
Abhe & Svoboda Inc., Jordan, MN	\$ 2,898,610

The Engineer's estimate for the project scope under this contract is \$2,100,000.

The bids have been reviewed by Zone 7 staff. The lowest responsive and responsible bidder is Crosno Construction, Inc., with a bid of \$1,177,900. The bid from Crosno Construction, Inc., is fair, reasonable and complies with the bid requirements.

Since Zone 7 does not have in-house expertise to inspect this type of work, there is a need to procure specialty inspection services for the project to ensure that the surface is prepared and coating is applied per the contract documents. Zone 7 solicited proposals from coating inspection firms and advertised on Zone 7 web site. Two proposals were received. An internal review panel reviewed the proposals. Bay Area Coating Consultants, Inc. (BACC) was determined to be most suitable firm to provide coating inspection services for the project.

FUNDING:

Funding for the project is available in the fiscal year 2017-18 budget from Fund 120 - Renewal/Replacement and System-Wide Improvements.

SCHEDULE:

Recoating of the clearwell is scheduled to commence in October 2017 in order to coincide with the low demand period and the plant's annual maintenance shutdown. The project substantial completion is anticipated by March 2018 and final completion by April 2018.

RECOMMENDED ACTIONS:

1. Staff recommends that the Board consider bids for the construction of the Del Valle Water Treatment Plant Clearwell Recoating Project (Project No. 262-17) and adopt the attached resolution to:
 - a) Approve plans, specifications, appendices and addenda;
 - b) Accept the bid and award a contract to Crosno Construction, Inc., as the lowest responsive and responsible bidder for the bid amount of \$ 1,177,900;
 - c) Authorize the General Manager to negotiate and execute a contract with Crosno Construction Inc., in an amount not-to-exceed \$ 1,177,900;
 - d) Authorize the General Manager to issue change orders as and when needed in an amount not-to-exceed \$117,790 (10% of contract amount).
2. Staff also recommends that the Board authorize the General Manager to negotiate and execute a coating inspection professional services contract with BACC in an amount not-to-exceed \$140,000, which includes a 10% contingency.

ZONE 7
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY
SECONDED BY

Award of Construction Contract for the DVWTP Clearwell Recoating Project (Project No. 262-17)

WHEREAS, Zone 7 of the Alameda County Flood Control and Water Conservation District has a project for the DVWTP 4.5 MG Clearwell Interior Recoating and Cathodic Protection System Replacement Project; and

WHEREAS, a Notice of Exemption per the California Environmental Quality Act (CEQA) guidelines was prepared for the project and filed with the Alameda County Clerk and Records Office; and

WHEREAS, the Project plans, specifications, appendix and addenda were developed and advertised for bids in accordance with the California Public Contract Code; and

WHEREAS, bids were received and publicly read by the Zone 7 General Manager's authorized representatives at the Zone 7 Administration Office, 100 North Canyons Parkway, Livermore, on August 1, 2017 at 2:00 pm; and

WHEREAS, four bids were received and the lowest responsive and responsible bid received for Project No. 262-17 is the bid by Crosno Construction, Inc., with a bid amount of \$1,177,900.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby approve the plans, specifications, appendices, and addenda for the DVWTP 4.5 MG Clearwell Interior Recoating and Cathodic Protection System Replacement Project; and

BE IT FURTHER RESOLVED that the bid of the lowest responsive and responsible bidder, Crosno Construction Inc., be accepted, and that the contract for the work be awarded to Crosno Construction, Inc., in an amount not to exceed \$1,177,900; and

BE IT FURTHER RESOLVED that the General Manager be authorized to negotiate and execute the contract with Crosno Construction, Inc., in an amount not-to-exceed \$1,177,900; and

BE IT FURTHER RESOLVED that the General Manager be authorized to negotiate and issue change orders as and when needed in an amount not to exceed \$117,790.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on August 16, 2017.

By: _____
President, Board of Directors

ZONE 7
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY
SECONDED BY

Coating Inspection Professional Services Contract for the DVWTP Clearwell Recoating Project

WHEREAS, Zone 7 of the Alameda County Flood Control and Water Conservation District has a project to recoat the interior of the DVWTP 4.5 MG steel clearwell; and

WHEREAS, proposals were requested for coating inspection services for the subject project and Bay Area Coating Consultants, Inc. (BACC), was found to be the best qualified to provide coating inspection services for the project.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate, execute, and amend as necessary, a professional services agreement with Bay Area Coating Consultants Inc., in an amount not-to-exceed \$140,000, which includes a 10% contingency.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on August 16, 2017.

By: _____
President, Board of Directors