



- Board of Directors
Engineering and Operations Committee

11/5/2012 Board Meeting

7-4

Subject

Award \$747,910.23 procurement contract to OneSource Distributors, LLC for electrical equipment for the Robert A. Skinner Water Treatment Plant (Approp. 15365)

Executive Summary

This action awards a procurement contract for electrical components to replace existing equipment at the Robert A. Skinner Water Treatment Plant. This equipment is over 30 years old and has reached the end of its service life. No funds are required in this action, as sufficient funds were previously appropriated for this work.

Timing and Urgency

At the Skinner plant, Electrical Buildings Nos. 1, 2, and 3 supply power to Plants Nos. 1 and 2, and to critical plant-wide equipment, using six unit power centers (UPCs). After more than 30 years of continuous service, the UPC electrical components have reached the end of their service life, and are being replaced in a sequential manner by Metropolitan staff. Key facilities supported by the six UPC's include the Administration Building, chlorination system, solids dewatering building, and treatment modules Nos. 1 - 6. These upgrades will enhance Skinner plant reliability by reducing the risk of equipment shutdowns caused by unplanned power outages. The subject procurement contract includes circuit breakers, transformers, transfer switches, and digital monitoring meters.

This project has been reviewed with Metropolitan's Capital Investment Plan (CIP) prioritization criteria and is categorized as an Infrastructure Upgrade project.

Details

Background

The Skinner plant commenced service in 1976 and has been expanded four times to its present treatment capacity of 630 million gallons per day (mgd). It consists of seven treatment modules that are operated as three distinct facilities (Plants Nos. 1, 2, and 3). The Skinner plant delivers a blend of waters from the Colorado River and State Water Project to Eastern Municipal Water District, Western Municipal Water District of Riverside County, and the San Diego County Water Authority. The plant is located north of Temecula in Riverside County.

The electrical buildings which serve Skinner Plants Nos. 1 and 2 house six UPCs and nine motor control centers. These buildings provide power to treatment process equipment such as flocculators, traveling bridges, belt presses, solids transfer pumps, filter valves, and the chlorine, ferric chloride, polymer, and sodium hypochlorite chemical feed systems. The electrical components within these buildings include circuit breakers, transformers, motor starters, transfer switches, and relays. The Skinner Electrical Building Upgrades project was initiated in December 2009, as many of these electrical components had deteriorated due to age and extreme temperatures, and were no longer operating reliably. Staff's execution plan has been to purchase the replacement materials and equipment through a series of procurement contracts, with staged installation by Metropolitan staff.

Currently, the project is approximately 44 percent complete, and the work is on track to be completed within budget by August 2014. The total estimated cost of construction for this project is \$5,716,000.

This action awards a procurement contract for parts required to upgrade the six UPCs located in Electrical Buildings Nos. 1, 2, and 3. Electrical components to be furnished under this contract include 53 circuit breakers, five transformers, three automatic transfer switches, and six digital monitoring meters.

Skinner Electrical Building Upgrades – Procurement (No Funds Required)

Request for Bids No. RFB-JP-247693 for the Skinner Electrical Building Upgrades project was advertised on August 9, 2012. As shown in [Attachment 1](#), six bids were received and opened on September 5, 2012. The low bid from OneSource Distributors, LLC, in the amount of \$747,910.23, complies with the requirements of the specifications. The five higher bids ranged from approximately \$925,000 to \$1.84 million. The budgetary estimate for this equipment, based on quotes from prospective bidders, was \$1 million. Staff believes the difference between the budgetary estimate and low bid reflects the current highly competitive bidding environment.

Due to the specialized nature of the equipment being procured, no Small Business Enterprise (SBE) participation level was established for this contract. For bid evaluation purposes, a \$12,500-bid-price-reduction credit was provided to each of the bidders who qualified as an SBE and/or a Regional Business Enterprise (RBE), with a maximum credit of \$25,000. OneSource Distributors is an SBE and an RBE, and therefore received a \$25,000 bid-price-reduction credit during the bid evaluation.

This action awards a \$747,910.23 procurement contract to OneSource Distributors, LLC to furnish electrical components for the Skinner Electrical Building Upgrades. The contract amount includes all sales and use taxes imposed by the state of California. No funds are requested in this action, as sufficient funds were previously appropriated under the Skinner Improvements Program (Approp. No. 15365).

Staff will return to the Board for award of any additional procurement contracts which exceed the General Manager's Administrative Code authority.

See [Attachment 1](#) for the Abstract of Bids, and [Attachment 2](#) for the Location Map.

Project Milestone

August 2014 – Completion of Skinner Electrical Building Upgrades

Policy

Metropolitan Water District Administrative Code Section 8121: General Authority of the General Manager to Enter Contracts

California Environmental Quality Act (CEQA)

CEQA determination for Option #1:

The project was previously determined to be categorically exempt under the provisions of CEQA and State CEQA Guidelines. The Board found the project to be exempt under Class 1, Section 15301 and Class 2, Section 15302 of the State CEQA Guidelines on February 13, 2007. A Notice of Exemption (NOE) was filed on the project at that time and the statute of limitations has ended. With the current board action, there are no substantial changes proposed to the project since the original NOE was filed. Hence, the previous environmental documentation in conjunction with the project fully complies with CEQA and the State CEQA Guidelines. Accordingly, no further CEQA documentation is necessary for the Board to act with regards to the proposed action.

The CEQA determination is: Determine that the proposed action has been previously addressed in the 2007 NOE (Class 1, Section 15301 and Class 2, Section 15302 of the State CEQA Guidelines) and that no further environmental analysis or documentation is required.

CEQA determination for Option #2:

None required

Board Options

Option #1

Adopt the CEQA determination and award \$747,910.23 procurement contract to OneSource Distributors, LLC for the Skinner Electrical Building Upgrades.

Fiscal Impact: None. Funds have previously been appropriated.

Business Analysis: This option will reduce the frequency of unexpected electrical failures, reduce the risk of unplanned shutdowns, and increase the reliability of the Skinner plant’s electrical systems.

Option #2

Do not award the procurement contract and readvertise in an attempt to receive more favorable bids.

Fiscal Impact: None


Business Analysis: This option may or may not result in a lower bid and would delay upgrade work that is needed to reduce the risk of equipment shutdowns and unplanned power outages.

Staff Recommendation

Option #1



Gordon Johnson
Manager/Chief Engineer
Engineering Services
10/23/2012
Date



Jeffrey Lightlinger
General Manager
10/24/2012
Date

[Attachment 1 – Abstract of Bids](#)

[Attachment 2 – Location Map](#)

The Metropolitan Water District of Southern California
Abstract of Bids Received on September 5, 2012 at 11:00 A.M.
Request for Bids No. RFB-JP-247693
Electrical Equipment/Components and Accessories
for the Skinner Electrical Building Upgrades

This contract consists of furnishing electrical equipment/components and accessories to rehabilitate six Unit Power Centers at the Skinner plant.

Budgetary estimate: \$1,000,000

Bidder and Location	Total ^{1,2}
OneSource Distributors, LLC Oceanside, CA	\$747,910.23
Royal Wholesale Electric Chatsworth, CA	\$924,771.99
Walters Wholesale Electric Rancho Cucamonga, CA	\$985,556.38
Wesco Distribution, Inc. Van Nuys, CA	\$1,009,930.68
Supply Patriot Corona, CA	\$1,030,002.35
My Electrician, Inc. Lake Elsinore, CA	\$1,836,224.50

¹ Includes sales and use taxes of 7.75 percent imposed by the state of California

² No SBE (Small Business Enterprise) participation level was established for this contract

Robert A. Skinner Water Treatment Plant

