

ALAMEDA COUNTY WATER DISTRICT MEMORANDUM

DATE: March 6, 2008
TO: Board of Directors
FROM: Paul Piraino
SUBJECT: STAFF REPORT, ACTION CALENDAR ITEMS FOR March 13, 2008

5.1* AUTHORIZATION OF PURCHASE ORDER FOR PURCHASE OF A DUMP TRUCK

BACKGROUND: The Board of Directors approved funding in the current budget for the purchase of a ten-wheel dump truck.

DISCUSSION: Requests for quotations were sent to four (4) Freightliner dealers. Two dealers responded. A bid summary is attached. The successful bidder was Golden Gate Truck Center of Oakland in an amount of \$131,185.23. There is sufficient funding in the budget for this purchase.

RECOMMENDATION: By motion, authorize a purchase order to Golden Gate Truck Center in an amount of \$131,185.23 for the purchase of a dump truck.

5.2* AUTHORIZATION OF PURCHASE ORDER FOR BELLFLOWER AND FARWELL ARP WELL OUTDOOR MOTOR CONTROL AND UTILITY METERING SWITCHGEAR

BACKGROUND: The Bellflower and Farwell Aquifer Reclamation Program (ARP) wells will be used to supply brackish water to the Newark Desalination Facility (NDF) as part of the NDF Expansion Project. Because of the long lead time associated with switchgear equipment procurement, the District will be furnishing the electrical switchgear to the construction contractor to minimize the length of the construction schedule.

DISCUSSION: Two bids were received and opened on February 6, 2008. Both bids were checked arithmetically and for compliance with the bidding requirements. The low bidder proposed an alternate to the protective coating specified and made errors in totaling its bid, which did not change the ranking of the bidders. Staff reviewed the proposed alternative coating and determined that it met the intent of the specifications. The corrected totals for comparisons of proposals were \$354,927 and \$493,712. The engineer's estimate for the electrical switchgear equipment was \$420,000. A bid summary is attached.

RSE-Sierra Switchgear and Transformer Service, Inc., of Anaheim, CA submitted the lowest bid, with a bid total of \$354,927. This firm has provided similar switchgear equipment to the District in the past and the equipment has performed well. References were checked and RSE-Sierra's recent performance for others had also been satisfactory. Adequate funding is available in the project budget for this expenditure.

RECOMMENDATION: By motion authorize a purchase order to RSE-Sierra Switchgear and

Transformer Service, Inc. in an amount not to exceed \$354,927 for the Bellflower and Farwell ARP Well Outdoor Motor Control and Utility Metering Switchgear, Job 4305.1.

5.3 RESOLUTION ADOPTING THE MARCH 2008 WATER SUPPLY ASSESSMENT FOR THE PATTERSON RANCH DEVELOPMENT PROJECT

BACKGROUND: The City of Fremont has received an application for the Patterson Ranch Development Project (or “Project”) that involves a general plan amendment and rezoning for the development of 800 housing units, 25,000 to 50,000 square feet of commercial area, a new school, churches and a community park. California Water Code Section §10910 requires that a water supply assessment be provided to cities and counties for a project that is subject to the California Environmental Quality Act (CEQA), and which surpasses 500 housing units and/or surpasses certain thresholds for commercial/industrial buildings. The cities and counties are mandated to identify the public water system that might provide water supply to the project and then to request a water supply assessment. The water supply assessment documents sources of water supply, quantifies water demands, evaluates drought impacts, and provides a comparison of water supply and demand that is the basis for an assessment of water supply sufficiency.

DISCUSSION: Staff has prepared a water supply assessment for the Patterson Ranch Development Project, as requested by the City of Fremont on November 20, 2007. The projected average annual water demand of the Project is estimated to be approximately 560 acre feet per year. Because the projected future demands of the Patterson Ranch Development Project have not been previously accounted for in ACWD’s forecast of future water demands, and because there is no existing water use at the Project site, all future demands associated with the Project will represent new, additional demands on ACWD’s water system. The assessment provides a comparison of ACWD water supplies and projected future demands, including the demands associated with the proposed Project. In order to account for future Delta pumping restrictions, the assessment includes scenarios for State Water Project reliability with and without pumping restrictions recently imposed by a federal court decision (Wanger Decision). Under normal year conditions, ACWD’s water supplies are projected to be sufficient to meet the future demands in the service area, including the Project’s demands. However, under critically dry year conditions and multiple dry year conditions, the addition of new demands from the Project would increase the magnitude of shortages in the service area during these drought conditions. The water supply assessment concludes that the Project can mitigate for impacts during dry years by funding the acquisition by ACWD of additional recovery capacity of dry year supplies from the Semitropic Groundwater Banking Program. Conditions are also included in the water supply assessment that may require the Project proponent to implement additional mitigation measures in the event that water supply conditions and/or the Project’s land use changes from what is currently incorporated in the assessment. The assessment will be reviewed in greater detail at the March 13, 2008 Board meeting.

RECOMMENDATION: By motion, adopt a resolution adopting the March 2008 Patterson Ranch Development Project Water Supply Assessment.

5.4 RESOLUTION ADOPTING THE MITIGATED NEGATIVE DECLARATION AND

APPROVING THE NEWARK DESALINATION FACILITY EXPANSION PROJECT

BACKGROUND: On March 9, 2006, the Board authorized a purchase order to Camp, Dresser and McKee, Inc. (CDM) to perform preliminary design services for the Newark Desalination Facility Expansion Project, in an amount not to exceed \$739,132.

CDM, through its environmental sub consultant, Environmental Science Associates (ESA), prepared an Initial Study/Mitigated Negative Declaration (IS/MND) for the Newark Desalination Facility Expansion Project which, in addition to the actual facility expansion, also includes the related Aquifer Reclamation Program well upgrades, site improvements, and pipeline projects that are required.

DISCUSSION: In accordance with CEQA, a legal notice was published in The Argus newspaper and copies of the Notice of Intent to Adopt a Mitigated Negative Declaration (NOI) and the IS/MND documents were forwarded to the State Clearinghouse. Copies of the NOI were also mailed to owners and residents of properties adjacent to the project site and along the pipeline routes and the IS/MND was posted on the District's website. The required 30-day public comment period was from January 9, 2008, through February 8, 2008.

Written comments were received from only the City of Fremont and the California Department of Transportation. Staff has concluded that no new significant environmental impacts have been identified as a result of the public review process and that the project will not have a significant effect on the environment. Mitigation measures to be implemented include dust abatement, water quality control, erosion control, noise abatement, traffic mitigation measures, and site restoration. The IS/MND, which includes a Mitigation and Monitoring Plan, is incorporated as an attachment to the resolution proposed for adoption.

RECOMMENDATION: By motion, adopt a resolution which: 1) adopts the Mitigated Negative Declaration for the Newark Desalination Facility Expansion Project which includes the related Aquifer Reclamation Program well upgrades, site improvements, and pipeline projects that are required to serve the expanded facility, 2) adopts the Mitigation and Monitoring Plan, and 3) approves the Newark Desalination Facility Expansion Project (Jobs 6283, 6284, and 4305).

Attachments

cc: Executive Staff

BID SUMMARY

**TEN WHEEL DUMP TRUCK
RFQ 2945
BID OPENED FEBRUARY 19, 2008**

Total Bids Received (2)

Responsive Bidders (2)

Total Amount

Golden Gate Freightliner dba Golden Gate Truck Center
Fresno Truck Center

\$131,185.23
\$134,867.50

BID SUMMARY

**BELLFLOWER & FARWELL ARP WELL OUTDOOR MOTOR CONTROL AND
UTILITY METERING SWITCHGEAR**

Job No. 4305.1

Bid Opened February 6, 2008

Total Bids Received (2)

Responsive Bidders (2)

TOTAL FOR COMPARISON

RSE-Sierra

\$354,926.46*

KBL – Krug-Bixby-Long Associates

\$493,711.13*

* *Corrected figures.*

Non-Responsive Bidders (0)

None.