



NEVADA COUNTY SANITATION DISTRICT NO. 1
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Sean Powers
Deputy District Administrator

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Director of Public Works

File: 300.1955 042

NEVADA COUNTY SANITATION DISTRICT NO. 1 BOARD OF DIRECTORS
Board Agenda Memo

MEETING DATE: August 16, 2016
TO: Board of Directors
FROM: Brad Torres, Wastewater Operations Manager
SUBJECT: **Award of Contract for the Penn Valley Dual Sewer Force Main Project – Contract No. 877140 and Amend the Fiscal Year 2016/17 Sanitation District No. 1 Budget – District IV**

RECOMMENDATION: Approve the attached Resolution.

FUNDING: Funding for the project is for Fiscal Year 2016/17 and impacts the Sanitation District No. 1 Penn Valley Capital Budget. The project is funded with grants from the Community Development Block Grant Program and the State Revolving Fund. Additional Funding from Lake Wildwood Zone 1 and Penn Valley Zone 6 Fund Balance will be used to include zone specific projects that will result in significant savings to these zones. A budget amendment is included for consideration and there is no impact on the General Fund.

BACKGROUND:

On May 24, 2016, the Nevada County Sanitation District No. 1 Board of Directors adopted Resolution No. SD16-004 that approved the plans, specifications and cost estimate for the subject project and instructed the Purchasing Division to advertise for bids. The bids were opened on July 7, 2016, at 3:00 p.m. and are listed below:

	Bidder	Bid
1.	Koch & Koch	\$4,924,810.00
2.	Steve P. Rados	\$5,222,900.00
3.	Q&D Construction	\$5,476,260.00
4.	Teichert Construction	\$5,538,980.00
5.	Sierra Mountain Construction	\$6,064,210.00
	Engineer's Estimate	\$4,359,005.00

Several Additive Alternates were included in the bid documents that represented Zone Specific projects that would allow the Penn Valley and Lake Wildwood zones to benefit from package pricing. This will result in a significant cost savings compared to having these projects bid and constructed separately. These items were identified in the bid documents as follows:

Additive Alternate A – Penn Valley Odor Control Unit	\$153,000
Additive Alternate B – LWW Odor Control Unit	\$163,000
Additive Alternate C – LWW Grit Removal Unit	\$364,000
Additive Alternate D – PV Collection System Improvements	\$ 86,700
Additive Alternate F – Piping Improvements @ LWW WWTP	\$159,375
Total	\$926,075

Award is recommended for the contract work to the low bidder, Koch & Koch at the bid price of \$4,924,810.00 plus \$926,075.00 for Alternates A, B, C, D and F. The total amount to be encumbered is \$6,343,366.00, which includes a 10 percent of base bid contingency. Funds are available for the project through an SRF Grant, CDBG Grant, LWW Zone 1 Fund Balance (Zone Specific Project Scope) and PV Zone 6 Fund Balance (Zone Specific Project Scope).

This contract provides for dual, 6” force mains along the entire 4.4 mile alignment, a new pump station at the Penn Valley Fire Station and piping improvements at the Lake Wildwood Wastewater Treatment Plant to accommodate additional flows. Construction is scheduled to begin in August/September 2016, and be completed within 267 working days, as allowed for in the contract.

Please contact me if additional information is required.

Item Initiated by: Brad Torres, Wastewater Operations Manager

Approved by: Steve Castleberry, Director of Public Works

SC:BT:cn

Submittal Date: August 2, 2016

Revision Date: August 4, 2016