

PRIMARY EFFLUENT BOX, RECYCLE BOX, PIPE AND VALVE REHABILITATION PROJECT - AWARD CONSTRUCTION CONTRACT TO MONTEREY MECHANICAL AND AUTHORIZE THE GENERAL MANAGER TO APPROVE CHANGE ORDERS UP TO 10% OF THE CONTRACT AMOUNT

BACKGROUND: The Board authorized the advertisement of the Notice Inviting Bids for the Primary Effluent Box, Recycle Box, Pipe and Valve Rehabilitation Project in May 2011. The Project is exempt from CEQA as a Class 2 exemption. There are four components of work that are to be accomplished under the project as outlined below:

Primary Effluent Box: Work inside the 58 year old concrete primary effluent box includes demolition of existing concrete baffle, demolition of corroded concrete, sandblasting of concrete surfaces, new reinforcement bars, and construction of cast in place PVC liner.

Recycle Box: Construction of an automated temporary recycle box pumping system located in the existing thickener, and routing temporary piping into thickener to support critical processes. Work inside 58-year old concrete recycle box includes the complete removal of existing pump system, demolition of corroded concrete, sandblasting of concrete surfaces, construction of a retrofit PVC liner, reinstallation of existing pump system, and startup testing.

Secondary Valve Rehabilitation: Install replacement 24-inch knife gate valves and flange coupling adapters in the pipe gallery, rehabilitation of existing 24-inch knife gates with new valve packing material, and installation of new lift assemblies for existing sluice gates in the diversion boxes.

Pipe Rehabilitation and Other Work: Concrete pipe encasements and rip-rap on beach to complete risk mitigation subsequent to encasement of clarifier bypass line, pipe coating in secondary gallery, and new digester gas piping and rehabilitation of flare.

The District advertised the Notice Inviting Bids for the Project on May 19 and 26, 2011 in the Marin Independent Journal, a newspaper of general circulation. Four bids were received and opened on June 20, 2011. The lowest responsive, responsible bidder was Monterey Mechanical with a bid amount of \$548,400. The engineer's estimated cost for construction of all work described, as provided by Kennedy/Jenks Consultants, was \$690,000.

A tabulation of the bid results is provided below for reference.

GSE Construction:	\$646,000
Western Water:	\$659,757
Pacific Infrastructure:	\$673,000
Monterey Mechanical:	\$548,400

RECOMMENDATION Award the Primary Effluent Box, Recycle Box, Pipe and Valve Rehabilitation Project construction contract to Monterey Mechanical at a cost of \$548,400 and authorize the General Manager to approve change orders up to 10% of the contract amount.

**CONVEYANCE SYSTEM RELIABILITY IMPROVEMENTS PROJECT –
AUTHORIZATION TO ADVERTISE THE NOTICE INVITING BIDS**

BACKGROUND: The Conveyance System Reliability Improvements Project consists of the installation of pump station bypass piping at the Highway Booster and Marin City Pump Stations. In addition, a pump bypass will be installed on US Army Corp Bay Model property in an easement to enable the pumping of wet weather flows from the under capacity Marinship gravity interceptor to the Scotties force main. Operations staff would use existing trailer mounted pumps to connect to these bypasses to replace or supplement existing pumping capacity during peak wet weather flow events or emergencies when electrical or mechanical equipment failures cause reduced or . Note that the Main Street Pump Station bypass piping is not being installed under this project but will be bid as a standalone project upon approval of an encroachment agreement by the City Planning Commission and Council.

Work will include the installation of underground 8-inch diameter PVC piping, valves, concrete valve vaults, and connections to wet wells/gravity sewers and to the force mains.

The contract documents for the project have been completed and the project is currently ready for advertising. As this project serves to maintain system capacity, target completion is to be prior to the onset of wet weather. The engineering estimate provided by Carollo Engineers is \$80,000. The project would be funded through capital reserves.

RECOMMENDATION: Authorize advertisement of the Notice Inviting Bids for the Project.

MAIN STREET PUMP STATION RELIABILITY IMPROVEMENTS – CONSIDER VISUAL IMPACTS, OPERATIONAL CONSIDERATIONS, PUBLIC COMMENTS AND OTHER FACTORS IN SELECTING A PLAN FOR PLACEMENT OF THE PORTABLE ENGINE DRIVEN PUMP AT THE MAIN STREET PUMP STATION

BACKGROUND: In March and April 2011, Staff mailed out fliers (see attached) informing property owners and residents of the District's intention to place a portable engine driven pump at the Main Street Pump Station to provide firm capacity and to augment wastewater pumping during peak wet weather flow conditions. In addition, a barricade with the attached flier was located at Main Street at a prominent location for over 30 days for residents to see and read. In response to the outreach, the District received four comments. The owners of the Portofino Apartments, the Kunsts, asked that the portable pump be placed north of the elevated part of the pump station building. Another comment recommended that the sound enclosure be painted a muted color. Two comments were received, which expressed concern about the visual impacts of the pump on the view of the bay.

In response to the comments, staff proposed painting the pump enclosure green beige, to compliment the color of the old Valhala Restaurant building (see attached available paint colors). With regard to the visual impacts, the District retained the landscape architectural firm of Pedersen Associates of San Rafael to evaluate the placement of the pump at three locations, including north of the elevated part of the pump station building per the Kunsts' request, and west of the station at two locations. One placement location is perpendicular to the east-west axis of the building. This location would require the pump to be placed semi-permanently because the pump cannot be maneuvered to this orientation via the trailer. The other placement location on the west side of the building is at a 45 degree angle to the east-west axis of the building. This placement alternative is achievable via the trailer. Attached are exhibits that show the three placement locations and visual impacts on the bay.

Staff retained RMC Water Environment to evaluate the frequency of placement of the pump in response to peak wet weather flows and triggers that could be used to initiate placements. This report will be forwarded to the Board once it is received prior to the Board meeting for your consideration

RECOMMENDATION: Consider the paint color, placement locations, visual impacts, and frequency of placement and provide direction to staff.

PUBLIC OUTREACH SERVICES – AUTHORIZE EXECUTION OF A PROFESSIONAL SERVICE AGREEMENT WITH RAUCH COMMUNICATION CONSULTANTS, INC. FOR NEWSLETTER AND PUBLIC OUTREACH SERVICES FOR FY 2011/12

BACKGROUND: The District will be undertaking approximately \$35 million of capital improvements over the next ten years to rehabilitate and upgrade District infrastructure. Sewer service charges are being raised in a phased manner to generate sufficient revenue to cover the cost of the improvements and inflation and to maintain adequate reserve over the ten year period.

The Public Information Committee and staff have met with Martin Rauch of Rauch Communications Consultants, Inc. (RCC) to develop an outreach plan for FY 2011/12, including a scope of service and budget for outreach services. Attached, for Board review, is a draft plan and the firm's proposal for public education and outreach services. The cost of RCC services is \$44,950, which includes strategic consulting services and three newsletters. The Public Information Committee met on May 18, 2011 and June 23, 2011 to review the outreach documents leading up to the attached plan. The committee members will share their thoughts on the plan at the meeting.

RECOMMENDATION: Consider authorizing the execution of a professional services agreement with Rauch Communication Consultants, Inc. for public education and outreach services for FY 2011/12 at a cost not to exceed \$44,950.