

**MEMORANDUM
DEPARTMENT OF FACILITY SERVICES
COUNTY OF PLACER**

To: BOARD OF SUPERVISORS

Date: JULY 12, 2011

From: *JD* JAMES DURFEE / WILL DICKINSON *WD*

Subject: SMD 1 WASTEWATER TREATMENT PLANT UPGRADE AND EXPANSION PROJECT: PERMISSION TO ADVERTISE FOR CONSTRUCTION BIDS

ACTION REQUESTED / RECOMMENDATION: Staff recommends that your Board take the following actions with regard to the Sewer Maintenance District 1 (SMD 1) Wastewater Treatment Plant Upgrade and Expansion Project (Upgrade Project):

1. Approve the Plans and Specifications and authorize the Department of Facility Services to advertise for and solicit bids upon approval of the final Plans and Specifications by the Director of Facility Services.
2. Authorize staff to proceed with Task C1 - Bid Period Services of Contract 12871 with Owen Psomas Engineering (Psomas), for an amount not-to-exceed \$150,000.

BACKGROUND: On May 3, 2011, staff updated your Board regarding progress on two options for achieving compliance with the regulatory standards included in the current Plant 1 discharge permit issued by the Regional Water Quality Control Board (RWQCB). At that meeting, your Board directed staff to prepare additional information regarding the SMD 1 Regional Sewer Project for consideration in July or August 2011. Your Board also directed staff to continue moving forward with the Upgrade Project in order to complete the compliance milestones included in the discharge permit (completion of design by July 31, 2011, and award of a construction contract by December 31, 2011).

A copy of the currently prepared Plans and Specifications are available for review at the Clerk of the Board and at the Department of Facility Services. The final Plans and Specifications for the Upgrade Project will be fully completed in early July. It is anticipated that only minor corrections and changes will be necessary to the current Plans and Specifications in order to be able to advertise and solicit bids for the Upgrade Project. In order to provide adequate time to complete the bidding process (2 months), the State Revolving Fund (SRF) bid review and funding approval (3 months from bid opening), and process a construction contract for your Board's approval prior to the December deadline, staff recommends that your Board approve the Plans and Specifications and authorize staff to solicit bids as soon as possible by allowing for approval of the final Plans and Specifications by the Director of Facility Services. Failure to meet the compliance milestones may result in fines or enforcement action from the RWQCB.

Staff also requests that your Board authorize staff to proceed with Task C1, Bid Period Services (attached as Exhibit A), of the previously approved contract with Psomas. On May 18, 2010, your Board approved a comprehensive contract with Psomas including engineering design, bid period services, and construction management and inspection for the Upgrade Project. Design services included in the contract are nearing completion. In order to address design issues that may arise during the bid period, your Board's authorization to complete the bid period services included in the contract is now required.

205

ENVIRONMENTAL CLEARANCE: An Initial Study/Mitigated Negative Declaration addressing potential impacts of the Upgrade Project was presented for approval by your Board as a separate item on your agenda on this date. Compliance with the California Environmental Quality Act for this action will be satisfied by the adoption of the Initial Study/Mitigated Negative Declaration.

FISCAL IMPACT: The total estimated cost of the Upgrade Project, including staff time, environmental review, design, permitting, construction, and construction management is \$63.6 million. To date, \$4.3 million of that amount has been spent.

The Engineer's Construction Estimate is \$53.5 million, which includes a 12% contingency. Funding for the construction of this project is anticipated to come from a SRF loan which your Board authorized staff to pursue on May 18, 2010. Funding to complete Task C1 – Bid Period Services, in an amount not-to-exceed \$150,000, is included in the Capital Project Budget for the SMD1 Wastewater Treatment Plant Upgrade and Expansion Project.

JD:WD:BZ:LM

CC: COUNTY EXECUTIVE OFFICE

ATTACHMENT: EXHIBIT A - TASK C1 – BID PERIOD SERVICES

A COPY OF THE CURRENTLY PREPARED PLANS AND SPECIFICATIONS ARE AVAILABLE FOR REVIEW AT THE CLERK OF THE BOARD AND AT THE DEPARTMENT OF FACILITY SERVICES

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EXHIBIT A

OWEN PSOMAS ENGINEERING

TASK C1: BID AND AWARD SERVICES (\$150,000)

CONSULTANT shall provide the following services during the construction bid and award period:

- Provide draft agenda for the Pre-Bid Meeting/Job Walk. Write and distribute meeting minutes to the County;
- Respond to bidder questions, maintain log of bidder questions, and prepare contract addenda during the bidding period. The County will forward all bid questions to CONSULTANT immediately. CONSULTANT shall prepare responses for all questions for which the County deems necessary;
- Provide drawings, modifications, and clarifications during the bidding period. For purposes of this scope and budget, it is assumed that there will be four (4) Addenda. The County will issue the final addenda to bid set holders;
- Review the construction contractors' bids and provide recommendations for award;
- Produce Conformed Contract Documents (hard copies and electronic copies) reflecting all changes made in contract addenda as follows:
 1. Drawings – CONSULTANT shall revise drawings per addenda, add revision clouds, number the revisions to denote changes made, and shall note in a table on the drawing the date and reference document corresponding to the change.
 2. Specifications – CONSULTANT shall make the text changes to the affected specification sections.

Task C1 Deliverables and Schedules:

- One (1) copy of Pre-Bid Meeting Agenda at least two (2) business days before the meeting and Draft/Final Meeting Minutes within five (5) business days of the meeting in electronic format (draft in .doc format, final in .pdf);
- **With a maximum five (5) business day turn-around-time:**
 1. One (1) copy of each response to construction contractor questions of addendum in .pdf format via email;
- **Within five (5) business days of close of the bid period:**
 1. An email explaining CONSULTANT's recommendation to award;
- **Within fifteen (15) business days of close of the bid period:**
 1. Three (3) copies of conformed technical specifications and full-size plans and three (3) electronic copies (index searchable .pdf on compact disc). The County will conform and print the conformed bidding/contract documents (front end specifications).

