

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

To: **BOARD OF SUPERVISORS**

Date: **JULY 27, 2010**

From:  **JAMES DURFEE / WILL DICKINSON** 

Subject: **SMD 1 REGIONAL SEWER PROJECT: AGREEMENT FOR PREPARATION OF AN UPDATED COST ESTIMATE**

ACTION REQUESTED/RECOMMENDATION: Staff recommends that your Board approve an Agreement with Brown & Caldwell to develop an updated cost estimate for the Sewer Maintenance District 1 (SMD 1) Regional Sewer Project and adopt the attached Resolution authorizing the Director of Facility Services to execute the resulting contract, in an amount not to exceed \$170,000, upon Risk Management's and County Counsel's review and approval.

BACKGROUND: SMD 1 provides sewer service to approximately 7,800 Equivalent Dwelling Units in the North Auburn area. Wastewater from SMD 1 is treated at Plant 1, which was constructed in 1961 and uses biological and filtration processes that cannot meet current regulatory standards included in its current discharge permit with the Regional Water Quality Control Board (RWQCB). The County is currently pursuing two compliance alternatives: (1) upgrading Plant 1(Upgrade Project); and (2) decommissioning Plant1 and constructing a regional pipeline to the City of Lincoln treatment plant (Regional Project).

The estimated total project capital cost for the Upgrade Project is \$79 million. This estimate is based on a recently completed preliminary design. The current estimated total project capital cost for the Regional Project is \$141 million. In addition to pipeline and pump station costs, the Regional Project estimate includes compensation to the City of Lincoln for oversizing in their collection system and for capacity at the Lincoln wastewater treatment plant. This estimate was developed by the Placer Nevada Wastewater Authority in 2008 and is based only on planning level information; therefore, very conservative assumptions were used. In order to accurately evaluate and compare the costs of the two projects, staff, working with our regional partners, has identified a need to perform additional engineering work to refine the assumptions for the Regional Project and update the cost estimate accordingly.

In June of this year, staff sent a Request for Work Plan and Cost Estimate to three firms on the County's list of prequalified firms for Sanitary Sewer Projects Consulting Services (Qualified List 9485) to perform the additional engineering and develop an updated cost estimate. An evaluation panel including County staff and representatives from the Cities of Auburn and Lincoln and the Placer Nevada Wastewater Authority reviewed the two responses received, and recommended Brown & Caldwell over West Yost and Associates as the best qualified firm to perform the work. Accordingly, staff has negotiated an Agreement with Brown & Caldwell to provide the services described above.

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In order to proceed with the additional engineering work and an updated cost estimate for the Regional Project, staff requests your Board's approval of the Agreement.

ENVIRONMENTAL CLEARANCE: Approval of an Agreement for engineering services is not considered a project under the California Environmental Quality Act. Environmental review of the proposed project will be prepared concurrently with the design.

FISCAL IMPACT: The cost of providing services included in the Agreement is \$170,000. Sufficient funds are available in the SMD 1 Regional Sewer Capital Project to cover the cost of the work specified in this Agreement. A grant from the US Army Corps of Engineers may reimburse 75% of the cost of this work. Staff has also submitted a cost sharing request to the City of Auburn which could reduce the County cost to \$25,500.

JD:WD:BZ

CC: COUNTY EXECUTIVE OFFICE

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**Before the Board of Supervisors
County of Placer, State of California**

**In the matter of: A RESOLUTION DELEGATING
AUTHORITY TO THE DIRECTOR OF FACILITY
SERVICES TO AWARD AND EXECUTE AN
AGREEMENT FOR PREPARATION OF AN UPDATED
COST ESTIMATE FOR THE SMD 1 REGIONAL
SEWER PROJECT**

Resolution _____

The following RESOLUTION was duly passed by the Board of Supervisors of
the County of Placer at a regular meeting held _____, by
the following vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

Chairman, Board of Supervisors

Attest:

Clerk of said Board

NOW, THEREFORE, BE IT RESOLVED by the Board to authorize the Director of Facility Services to execute the contract for the SMD 1 Regional Sewer Project, in an amount not-to-exceed \$170,000, upon Risk Management's and County Counsel's review and approval.

