

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

To: **BOARD OF SUPERVISORS**

Date: **MAY 7, 2013**

From: **JAMES DURFEE / BILL ZIMMERMAN** 

Subject: **AUBURN JAIL LIFT STATION IMPROVEMENTS PROJECT- DESIGN SERVICES AGREEMENT**

ACTION REQUESTED / RECOMMENDATION:

1. Approve an Agreement with HydroScience Engineers (HSE) for design services for the Auburn Jail Lift Station Improvements Project, 04855, in North Auburn, in an amount not to exceed \$124,197 in budgeted net county cost and funded within the Capital Project Budget.

BACKGROUND: The Auburn Jail Lift Station (Lift Station) was constructed in 1985 to provide sewer service to the Auburn Jail and Juvenile Detention Center (Jail Facilities). The Jail Facilities have a current capacity of 570 inmates/juveniles with a build out capacity of 628. The wastewater from the Jail Facilities contains items not found in normal wastewater streams including inmate jump suits, miscellaneous clothing, plastic bags, and other debris that gets wrapped up in the pump impellers. In order to keep the pumps operational, on a weekly basis staff manually lifts the pumps from the wet well to remove the debris. The improvements include: installing a new mechanical screen or grinder to remove/grind the debris; designing new emergency storage tanks, pumps, and wet well facilities to meet build out capacity demands; replacing deteriorated piping and structures; and constructing a building to house new electrical controls, as recommended in a condition assessment completed by staff in October 2011.

On February 14, 2012 your Board approved a list of prequalified consulting firms for Wastewater Collection Systems Consulting, Design and Construction Management, (RFQ No. 10133). Staff requested project specific proposals from those firms to provide design services for the Auburn Jail Lift Station Improvements Project (Project) and received four proposals. Staff has reviewed the work plans and cost proposals and has negotiated the design Agreement with HSE. HSE's work plan and cost proposal provides the necessary work for the lowest cost of the proposals received and provides the best value. HSE's billing rates and proposed cost structure is consistent with previous agreements for similar services as well as staff's estimated cost for completing the work. In order to proceed with the Project, staff requests that your Board approve the Agreement with HSE. A copy of the Agreement is available for review at the Clerk of the Board.

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

FISCAL IMPACT: The estimated total project cost is \$1,600,000, including construction, design, project management, fees and force account and contingencies. The cost for completing the design services work as described in this item is an amount not to exceed \$124,197. There are sufficient funds appropriated in the Capital Projects Fund project account for these services, reflected as a budgeted net county cost in FY2012-13.

JD:BZ:HK:LM

CC: COUNTY EXECUTIVE OFFICE

ATTACHMENT: AGREEMENT WITH HSE IS AVAILABLE FOR REVIEW AT THE CLERK OF THE BOARD 'S OFFICE

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