TO: HONORABLE CITY COUNCIL

FROM: CITY MANAGER

DATE: FEBRUARY 2, 2004

DEPARTMENT: PUBLIC WORKS

SUBJECT: APPROVAL OF AMENDMENT NO. ONE TO EXISTING CONTRACT NO. S1128584 WITH URS GREINER-WOODWARD-CLYDE, INC. IN THE AMOUNT OF $26,740 TO PROVIDE ENGINEERING DESIGN SERVICES FOR ELECTRICAL AND PLUMBING SYSTEMS ASSOCIATED WITH THE CONSTRUCTION OF AN AUTOMOTIVE WASHING FACILITY

RECOMMENDATION

Staff recommends that Council approve and authorize the Mayor to execute the attached contract amendment with URS Greiner-Woodward-Clyde, Inc. (S1128584) in the amount of $26,740, for a total contract amount of $88,726 to cover the cost of additional work related to the design of a automotive washing facility at the Municipal Services Center (MSC).

BACKGROUND

In January 2001, the City Manager approved a contract with URS Greiner-Woodward-Clyde in the amount of $60,748 for the design of an automotive washing facility and its associated wash water treatment system at the MSC. A change order to this contract in the amount of $1,238 was approved in May 2003 to cover the cost of architectural renderings.

The new wash facility will replace an existing facility that no longer meets the City’s needs. The existing facility includes an open wash pad, with no containment system for wash water runoff. The facility is undersized and inefficient, since only one vehicle can be washed at a time. The debris sump clogs very easily, and the recycling system requires an excessive amount of maintenance to keep it operational. The new facility will be fully enclosed, will employ all current best management practices to prevent runoff and storm water contamination, and will be designed to require a minimum of maintenance.

The original scope of the work under this contract included surveying the MSC site, analyzing vehicle and equipment washing needs, designing the wash building, performing structural calculations, and selecting the washing and wash water recycling equipment.

The original plan for this project included the utilization of a pre-engineered wash water treatment system, which would recycle the water utilizing a closed-loop process. However,
after analyzing the usage demands and sizing the equipment, it was determined that there was no cost-effective, commercially available system that could handle the amount of effluent that this facility will generate. In addition, all of the closed loop systems require a moderate to high degree of maintenance, for which there is little or no available staff time. In order to insure that the closed loop system was properly serviced, Equipment Management would need to outsource the maintenance work to a contractor. This would result in a substantial increase in ongoing operating costs.

After discussions with the engineering consultant and the City’s Environmental Compliance Manager, it was determined that the most cost-effective option for water treatment was to construct a solids-collection system that would work in conjunction with an oil/water separator and heavy-metal removal system. The treated water will be discharged to the sanitary sewer. This system will require much less maintenance than a closed-loop treatment system, and will produce an effluent that will still meet the constituent limits of the City’s sanitary sewer discharge permit.

The original contract did not include a requirement for the design of a water treatment system, only the selection of a pre-engineered commercial system. The custom-designed system will require the design of solids collection sumps and weirs, the selection of an oil-water separator, the design of freshwater and wastewater plumbing systems and the connection to a nearby sanitary sewer line. The treatment system will also require the design of an electrical system to operate various valves, pumps and motors.

**DISCUSSION**

The original contract did not require Council approval, and did not include any additional services funds. This amendment is intended to provide funding for the additional services required to custom-design a wash-water treatment system, including the associated plumbing and electrical systems. The existing contractor, URS Greiner-Woodward-Clyde, Inc., was selected for this project through an RFP process. It was the only respondent to the RFP. URS has performed all of the design work to this point. The work required to complete the design, which is covered by this amendment, is integral to the work that has already been completed. Calling in another consultant to complete this work would not be cost-effective.

**RESOURCE IMPACT**

Funds for this amendment are available within the FY 2002-2003 Capital Improvement Program Budget.

**POLICY IMPLICATIONS**

Recommendations of this staff report are consistent with existing City policies.

**ENVIRONMENTAL REVIEW**

This project is a replacement of an existing facility and is categorically exempt from the California Environmental Quality Act (CEQA) under section 15302 which states that replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced be exempt from the provisions of CEQA.
ATTACHMENTS
Attachment A: Contract S1128584
Attachment B: Amendment No. One to Contract S1128584

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