



**CITY OF LODI  
COUNCIL COMMUNICATION**

**AGENDA TITLE:** Approve Additional Task Orders for West Yost & Associates for White Slough Facility

**MEETING DATE:** June 16, 2004

**PREPARED BY:** Public Works Director

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**RECOMMENDED ACTION:** That the City Council approve additional task orders for West Yost & Associates for the White Slough Facility and appropriate funds.

**BACKGROUND INFORMATION:** Although the Phase 2 construction contract for installation of tertiary filters and UV disinfection and other improvements at the White Slough Facility is well-underway, there are a number of other items that still need to be addressed. These items were discussed during the presentations of the project and financing and are listed below:

- Capacity Fee Update (Task Order 15) – With the rate increases approved in April, staff indicated that the capacity fees (the one-time fee charged to new users) would be updated in the summer of 2004. This task order will accomplish that work. Staff proposes to use the same team who performed the rate work and to combine the two separate fees we presently charge (capacity fee and sewer development impact mitigation fee). Since the two fees are charged on a different basis, we will need to change one (or perhaps both) of the fee mechanisms to simplify the fee calculation. We will also look at possibly having a “new user” rate surcharge that will pay the fee over time based on actual use.

The cost of this work is \$39,000 and includes covering a cost overrun in the rate work. The consultant spent a considerable amount of time working with staff and our financial advisors during the financing phase of the project. This effort did save both staff time and work that would have been done by our financial advisors and the result is a spreadsheet model that staff will be able to use in the future.

- Standby Power (Task Order 16) – The Facility is served via the PG&E electrical system with two sources (one primary and the other is backup), neither of which has the capacity to handle the significantly increased load from the new equipment. PG&E studied the necessary upgrades and provided costs for this work, which, depending on the option, was on the order of \$1.8 million in capital costs. Significant future costs in the form of standby and demand charges were not included, but are estimated to add approximately \$13,000 per month to the power bill.

The Lodi Electric Utility and our consultants have analyzed the problem and feel the best long-term alternative is to split the Facility’s load and continue to utilize the existing services and provide back-up power from standby generators. The cost of generators and the associated equipment is approximately \$1,040,000.

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APPROVED:

Handwritten signature of H. Dixon Flynn, City Manager.  
H. Dixon Flynn, City Manager

Our consulting team has provided a task order to design the standby power improvements at a cost of \$76,700 including construction services. The plan is to bid the equipment and negotiate a change order with the Phase 2 project contractor.

- Permit Assistance (addition to Task Order 5) – As mentioned earlier, our existing discharge permit expires in January 2005. In order to renew the permit, we must submit a new "Report of Waste Discharge". Staff anticipates that this will be a more difficult permit negotiation than our last permit and expects that the permit issuance time and effort will be significant. Our consultants have an existing task order pertaining to discharge permit assistance, however additional funds will be needed.

This work will include preparing the report, which consists of an effluent flow analysis and water quality assessment, and assessments of biosolids, industrial dischargers, receiving waters, and groundwater. In addition, we will attempt to obtain a storm water discharge permit in order to allow us to discharge storm water from the site. Presently, all runoff is stored in ponds and routed through the treatment process. Discharging this water will free-up pond space and reduce our treatment costs. The pond space will be important to have in the event discharge requirements limit our ability to discharge effluent under some conditions.

The work also includes further work in analyzing available dilution in Bishop Cut and the benefits we hope to obtain by relocating our discharge point, regulatory negotiations, project management and development of an integrated spreadsheet tool to manage our irrigation and biosolids loading management and reporting.

The budget estimate for this work from our consultants is \$115,200. We have \$22,000 in available funds from the current task order, however staff is recommending we also allow for additional costs for legal support in the permit negotiations.

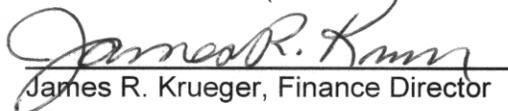
All the recommended appropriations include the actual task order, plus an allowance for miscellaneous expenses and contingencies, plus a legal fee allowance in Task Order 5. Copies of the scope of services are available in the Public Works Department. Note that staff anticipates additional task orders in the next year for Phase 3 design and environmental services, control system improvements and for development of an updated operations and maintenance manual for the Facility.

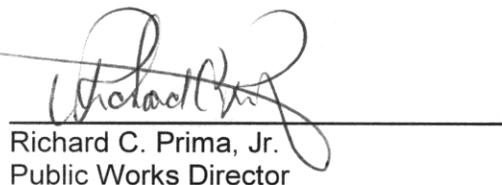
**Recommended Appropriations:**

Task Order 15 – Capacity Fee Update - \$39,000  
Task Order 16 – Standby Power Design - \$84,000  
Task Order 5 (add'l) – Permit Assistance - \$135,000

**FUNDING:**

Wastewater Fund (2004 Wastewater COP)

  
James R. Krueger, Finance Director

  
Richard C. Prima, Jr.  
Public Works Director

RCP/rcp/

cc: West Yost Associates  
Del Kerlin, Wastewater Treatment Superintendent  
Gary Wiman, Construction Project Manager

CITY COUNCIL

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Public Works Director

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1260 Lake Blvd, Ste. 240  
Davis, CA 95616*

June 10, 2004

SUBJECT: APPROVAL OF ADDITIONAL TASK ORDERS FOR WEST YOST & ASSOCIATES FOR THE WHITE SLOUGH FACILITY

Enclosed is a copy of background information on an item on the City Council agenda of Wednesday, June 16, 2004. The meeting will be held at 7 p.m. in the City Council Chamber, Carnegie Forum, 305 West Pine Street.

This item is on the consent calendar and is usually not discussed unless a Council Member requests discussion. The public is given an opportunity to address items on the consent calendar at the appropriate time.

If you wish to write to the City Council, please address your letter to City Council, City of Lodi, P. O. Box 3006, Lodi, California, 95241-1910. Be sure to allow time for the mail. Or, you may hand-deliver the letter to City Hall, 221 West Pine Street.

If you wish to address the Council at the Council Meeting, be sure to fill out a speaker's card (available at the Carnegie Forum immediately prior to the start of the meeting) and give it to the City Clerk. If you have any questions about communicating with the Council, please contact Susan Blackston, City Clerk, at (209) 333-6702.

If you have any questions about the item itself, please call me at (209) 333-6759.

*for*   
Richard C. Prima, Jr.  
Public Works Director

RCP/drr  
Enclosure  
cc: City Clerk