



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Authorize City Manager to Execute a Professional Services Agreement with West Yost & Associates for Engineering Services to Prepare a Report to Request Alternative Waste Discharge Requirements; and Appropriate \$69,000 for the Project

MEETING DATE: November 15, 2000

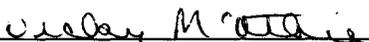
PREPARED BY: Public Works Director

RECOMMENDED ACTION: That the City Council authorize the City Manager to execute a professional services agreement (see attached proposal) with West Yost & Associates for engineering services to prepare a report to request alternative discharge requirements for the White Slough Water Pollution Control Facility (WSWPCF); and appropriate \$69,000 for the project in accordance with the recommendation shown below.

BACKGROUND INFORMATION: The purpose of this report will be to compile the needed background information to submit an application to the Regional Water Quality Control Board (RWQCB) for a revised waste discharge permit for the WSWPCF. The application to the RWQCB is necessary to determine what requirements may need to be met by the alternatives currently under evaluation in the Wastewater Master Plan. The primary alternatives are to either discharge to Bishop Cut or to land. The RWQCB will return discharge requirements for the alternatives, which will allow us to better evaluate the cost of various alternatives to complete the Master Plan. As it will also be necessary to submit a \$10,000 filing fee, those funds along with \$20,000 for legal contingencies are also included with the request.

FUNDING:	Requested Appropriation:	Wastewater Fund	\$39,000	West Yost & Associates
			\$20,000	Legal Contingencies
			\$10,000	Permit Fee
	Total Request		\$69,000	

Funding Available:

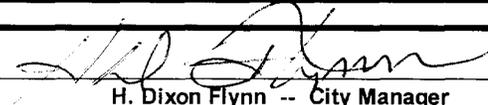

Vicky McAthie, Finance Director

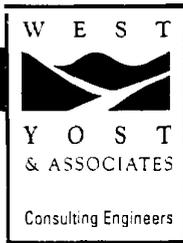
Richard C. Prima, Jr.
Public Works Director

Prepared by Del Kerlin, Assistant Wastewater Treatment Superintendent
RCP/DK/dk
attachment

cc: Fran E. Forkas, Water/Wastewater Superintendent
Del Kerlin, Assistant Wastewater Treatment Superintendent
Bruce West, West Yost & Associates

APPROVED:


H. Dixon Flynn -- City Manager



1990

10th Anniversary

2000

RECEIVED

OCT 10 2000



CITY OF LODI

PUBLIC WORKS DEPARTMENT

October 4, 2000

Mr. Richard Prima
City of Lodi
P.O. Box 3006
Lodi CA 95241-1910

SUBJECT: Proposal for Engineering Services—Report of Waste Discharge

Dear Richard:

We appreciate the opportunity to present this letter proposal to you for engineering services related to the development of a Report of Waste Discharge for the City of Lodi Water Pollution Control Facility (LWPCF). The purpose of these services is to provide assistance to the City in submitting an application to the Regional Water Quality Control Board (RWQCB) for a discharge permit for the alternatives presented in the Wastewater Master Plan.

The LWPCF is currently investigating several alternatives for their overall master plan to meet future discharge requirements. As presented by WYA in the Wastewater Master Plan, the desired alternatives for effluent disposal include moving the point of discharge from its current location at Dredger Cut to Bishop Cut and the construction and operation of land treatment/percolation basins. In the Wastewater Master Plan, future discharge requirements for these alternatives were assumed based on discharge requirements established for other treatment facilities. In order to fully evaluate each of the discharge alternatives, the City should submit an application to the RWQCB for new discharge permits for both discharge to Bishop Cut and percolation disposal. We propose that a Report of Waste Discharge and discharge permit application be developed for the Bishop Cut – Partial Wetlands (BC-PW) alternative presented in the Wastewater Master Plan. This alternative includes both discharge to Bishop Cut and percolation treatment/disposal. The discharge requirements established by the RWQCB for this alternative will allow the City to evaluate all of the alternatives presented in the Master Plan with confirmed requirements.

SCOPE OF SERVICES

WYA will prepare and submit a Report of Waste Discharge, and will perform ongoing coordination with the Regional Board.

Report of Waste Discharge

WYA will prepare, with input and review from City staff a Report of Waste Discharge for submittal to the Regional Board. Specific tasks are as follows:

- WYA staff will complete a summary compilation of previous analyses of the treatment facility including: 1) the examination of Bishop Cut receiving waters, evaluating previous

dilution and water quality studies; and 2) a characterization of treatment facility wastewater, examining historical influent and effluent water quality.

- WYA staff will describe the WPCF modifications required to implement the BC-PW alternative.
- WYA staff will examine potential impacts of effluent disposal on the Bishop Cut receiving waters and local groundwater. Additionally, mitigation measures for the identified impacts will be presented.
- After reviewing and compiling the data, WYA staff will prepare a draft letter report with our preliminary findings. The draft report will be discussed with City staff and the comments incorporated into the final summary report. This report will then be presented to the RWQCB along with the NPDES permit application as a Report of Waste Discharge submittal.

RWQCB Response and Other Work

WYA will attend meetings, perform regulatory coordination work, provide response to RWQCB comments, and perform other ancillary work related to the NPDES permit application and approval process.

BUDGET AND SCHEDULE

The total cost for the scope of work described above will be approximately \$39,000. We have included \$19,000 to complete the Report of Waste Discharge, and \$20,000 in additional funds for regulatory coordination and other ongoing work related to the NPDES permit process. These additional funds will provide for certain identified as well as unforeseen costs. A breakdown of the project costs are shown in the table below. WYA will perform all work on an hourly basis at standard company charge rates, and will not exceed the estimated cost without written authorization. If additional budget is required to complete work identified herein as work to be performed by WYA, we will notify the City before exceeding the authorized budget amount.

Description	Estimated Cost, dollars
Current Treatment Plant Analysis	3,000
Development of Treatment Alternative Modifications	3,000
Environmental Impact and Mitigation Assessment	3,000
Draft and Final Reports	10,000
Regulatory Coordination	20,000
Total	39,000

Mr. Richard C. Prima, Jr.
October 4, 2000
Page 3

Schedule

The draft report will be completed within 8 weeks after the acceptance of this proposal. The final report will then be completed 4 weeks after comments have been received on the draft.

PERSONNEL

Jim Waters will be the project manager, organizing WYA staff and taking a lead role in producing the report. Kathryn Gies and Chris Malone will provide the majority of the services in conjunction with the development of this report. Rob Beggs, a WYA contract employee, will serve as a technical resource throughout the study. I will serve as principal in charge and will provide quality control for the project.

We appreciate the opportunity to present this proposal to you. We believe this study will provide very important data for future planning of the water pollution control facility. Please let me know if you have any question or need any additional information.

Very truly yours,

WEST YOST & ASSOCIATES


Bruce G. West
Principal

BGW:ssh