



REPORT TO MAYOR AND CITY COUNCIL

AGENDA ITEM

TO: THE HONORABLE MAYOR
AND CITY COUNCIL

DATE: September 16, 2008

SUBJECT: Award of Construction Contract for the Wastewater Treatment Plant Chemical Facilities and Miscellaneous Improvements, Project No. 03-28

Report in Brief

Bids were opened on August 28, 2008, for the Wastewater Treatment Plant Chemical Facilities and Miscellaneous Improvements, Project No. 03-28. Staff has prepared documents and related information to facilitate the City Council's consideration of additional action in association with this project.

Staff recommends Council authorize the City Manager to execute a Construction Contract with R.E. Smith Contractor, Inc. in the amount of \$490,000 for the Base Bid, and authorize expenditures in the amount of \$539,000 for construction.

Background

The WWTP Expansion, Project No. 00-52 increased the average dry weather flow capacity from 7.8 million gallons per day (mgd) to 10.4 mgd. The WWTP Tertiary Treatment Improvements, Project No. 03-28 included new cloth-disc filters and ultraviolet disinfection. The WWTP Flood Protection, Project No. 03-39 included construction of levees around the WWTP Mechanical Plant proper and Overflow Pond to provide flood protection from a 100-year Cache Creek flood event, and build-up the levees around the remaining Ponds to protect against a localized 100-year flood event. The project was completed earlier this year and Council accepted the improvements as complete on March 18, 2008.

Staff identified additional improvements to the facility, which would improve functionality and complete work that did not get done with the larger project. Those improvements include the Polymer Feed Facility and Equipment, UV Overflow Weir, Filter Pump Electrical Disconnects, and Landscaping.

West Yost completed the construction documents and on July 15, 2008, Council approved the documents and authorized bid call.

Discussion

Plans and specifications were advertised for bids and the bid opening was held on August 28, 2008. Bids were received from 6 contractors and the bid results are as follows:

Contractor	Bid
RE Smith	\$490,000
BRC Construction	\$513,000
TICO Construction	\$541,900
TNT Industrial	\$564,320
TTS Construction	\$568,216
Gantry Constructors	\$638,000
Engineer's Estimate	\$513,881

Based on available budget for construction in the approved Project Programming Summary Sheet (PPSS), staff recommends award of the Base Bid. The responsive/responsible bidder is R.E. Smith Contractor, Inc. from Newcastle.

The requested amount for authorization includes a 10% contingency to cover unanticipated changes in the construction.

Construction should commence in mid-October and be completed in April 2009, pending favorable weather.

Fiscal Impact

The improvements associated with the Wastewater Treatment Plan Chemical Facilities and Miscellaneous Improvements, Project No. 03-28 are tied to the original Tertiary Improvements, Project No 03-28. The approved PPSS (May 2005) included a project budget of \$14,438,000. The final expenditures were \$12,600,000, leaving a balance of approximately \$1,840,000, which is being applied to the current project.

Public Contact

Posting of the City Council agenda.

Award of Construction Contract for the Wastewater
SUBJECT: Treatment Plant Chemical Facilities and Miscellaneous
Improvements, Project No. 03-28

PAGE: 3
ITEM:

Recommendation for Action

Staff recommends Council authorize the City Manager to execute a Construction Contract with R.E. Smith Contractor, Inc. in the amount of \$490,000 for the Base Bid, and authorize expenditures in the amount of \$539,000 for construction.

Prepared by: Alan Mitchell
Project Manager
Ponticello Enterprises

Reviewed by: Michael Karoly
Senior Civil Engineer

Reviewed by: Barry Munowitch, AICP
Assistant City Manager

Mark G. Deven
City Manager

Attachment: Approved PPSS (March 2005)

Date: June 2003
 Revised: October 2004
 May 2005

Engineering

PROJECT PROGRAMMING SUMMARY

PROJECT NO.: 03-28

**PROJECT TITLE: Wastewater Treatment Plant
 Tertiary Treatment Improvements**

PM: PW-Engineering

OWNER: Public Works - Utilities

PRE-DESIGN	\$ 118,500	CONSTRUCTION MGMT.:	\$ 675,043
DESIGN:	\$ 1,172,398	PROJECT MGMT.:	222,838
CONSTRUCTION:	\$ 11,135,655		
CONTINGENCY:	\$ 1,113,566	PROJECT TOTAL:	\$ 14,438,000

PROJECT DESCRIPTION:

Upgrade the existing wastewater treatment plant with tertiary treatment filters and ultraviolet disinfection.

PROJECT JUSTIFICATION:

The upgrade is a condition of the 2003 NPDES Permit.

APPROVED
 by CC 5/17/05

PROJECT STAGING:

1. Pre-Design 2004/05
2. Design 2004/05
3. Construction 2005/06

FUND NO.	PRGM. NO.	MPFP NO.	MPFP %	TOTAL-PART	TOTAL AMT, \$K	04/05 AMT, \$K	05/06 AMT, \$K
585	0328	WSTE-112	37.5	T	5,414	281	5,133
220	0328	WSTE-112	62.5	T	9,024	570	8,454

Notes:

SOURCE OF FUNDING:

Development Fee – 37.5% (Sewer Development)
 General Revenue – 62.5% (Enterprise Funds)

RECOMMENDED FOR SUBMITTAL	<u>A. MITCHELL (PONTICELLO)</u>	DATE	<u>5/12/05</u>
RECOMMENDED FOR APPROVAL (DEPT. HEAD)	<u>[Signature]</u>	DATE	<u>5/12/05</u>
MPFP APPROVAL (PUBLIC WORKS)	<u>[Signature]</u>	DATE	<u>5/12/05</u>
FINANCE DEPARTMENT APPROVAL	<u>[Signature]</u>	DATE	<u>5/12/05</u>
CITY MANAGER APPROVAL	<u>[Signature]</u>	DATE	<u>5/19/05</u>