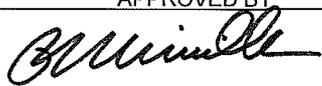


AGENDA ITEM NO.	2A
COUNCIL MEETING	03/07/13
APPROVED BY	
	
DEPARTMENT DIRECTOR	
	
CITY MANAGER	

Date: March 07, 2013

FROM: PATRICK N. WIEMILLER, Director
Department of Public Utilities

BY: STEPHEN A. HOGG, Assistant Director 
Department of Public Utilities – Wastewater Management Division

SUBJECT: ACTIONS PERTAINING TO THE SEWER REHABILITATION IN MCKINLEY AVENUE, FROM CLOVIS AVENUE TO CLINTON WAY (BID FILE NO. 3208) (COUNCIL DISTRICT NO. 4)

1. ADOPT A FINDING OF CLASS 1 AND 2 CATEGORICAL EXEMPTIONS, PURSUANT TO SECTION 15301(b) (EXISTING FACILITIES) AND 15302(c) (REPLACEMENT OR RECONSTRUCTION) OF THE CALIFORNIA ENVIRONMENTAL QUALITY ACT GUIDELINES
2. AWARD A \$882,490 CONTRACT TO SAK CONSTRUCTION OF O'FALLON, MISSOURI
3. AUTHORIZE THE DIRECTOR OF PUBLIC UTILITIES OR HIS DESIGNEE TO SIGN THE CONTRACT ON BEHALF OF THE CITY

RECOMMENDATIONS

Staff recommends the City Council:

1. Adopt a finding of Class 1 and 2 Categorical Exemptions, pursuant to Section 15301(b) (existing facilities) and 15302(c) (replacement or reconstruction) of the California Environmental Quality Act (CEQA) guidelines for the Sewer Rehabilitation in McKinley Avenue, from Clovis Avenue to Clinton Way.
2. Award a contract in the amount of \$882,490 to SAK Construction of O'Fallon, Missouri, for the Sewer Rehabilitation in McKinley Avenue, from Clovis Avenue to Clinton Way.
3. Authorize the Director of Public Utilities or his designee to sign the contract on behalf of the City.

EXECUTIVE SUMMARY

The Department of Public Utilities (DPU), Wastewater Management Division is seeking to award a Sewer Rehabilitation construction contract for a Cast in Place Pipe (CIPP); in McKinley Avenue between Clovis Avenue and East Clinton Way, a total of 4,980 feet of 27-inch sewer pipe. The rehabilitation is proposed to be accomplished by installing a CIPP liner where capacity and structural deficiencies were identified. Staff recommends City Council adopt a finding of Class 1 and 2 Categorical Exemptions; pursuant to Section 15301(b) and 15302(c) of the CEQA guidelines and award a contract in the amount of \$882,490 to SAK Construction of O'Fallon, Missouri, as the lowest responsive and responsible bidder.

BACKGROUND

In 2009, the City Council adopted the Sewer System Management Plan (SSMP) prepared by DPU, as required by the statewide General Wastewater Discharge Requirements for sanitary sewer collection systems. This plan calls for the need to perform evaluations, check design criteria, analyze capacity enhancement measures and create schedules for improvements. The SSMP utilizes the 2006 Wastewater Collection System Master Plan (Master Plan) to determine areas with inadequate sections within the sewer collection system. This Master Plan identified 4,980 feet of 27-inch sewer in McKinley Avenue between Clovis Avenue and East Clinton Way as being in poor condition; the condition is a result of hydrogen sulfide corrosion. DPU recommends constructing a corrosion-resistant liner in the existing pipe. The corrosion-resistant liner will repair the structural integrity and prevent further deterioration caused by hydrogen sulfide corrosion. DPU recommends constructing a corrosion-resistant liner in the existing pipe.

Plans and specifications were prepared for the project. A Notice of Inviting Bids was published on December 5, 2012, posted on the City's website and faxed to ten building exchanges. The specifications were distributed to 52 prospective bidders. Five sealed bid proposals were received and publicly opened on January 3, 2013. Bid proposal prices ranged from \$882,490 to \$1,498,500.

SAK Construction of O'Fallon, Missouri, was the lowest bidder with a submitted bid of \$882,490. Staff determination was posted on the City Website on January 3, 2013. Staff recommends that the City Council award a contract in the amount of \$882,490 to SAK Construction of O'Fallon, Missouri as the lowest responsive and responsible bidder. Their bid price is 43% below the Engineer's Estimate of \$1,572,000.

The Council may award a contract in the amount of \$882,490 to SAK Construction of O'Fallon, and the project will be completed within 50 working days from the date of the Notice to Proceed.

The Council may reject all bids. If all bids are rejected, the project will be rebid resulting in a delay of approximately 85 days.

ENVIRONMENTAL FINDING

Staff has performed a preliminary environmental assessment of this project and has determined that it falls within Class 1 and 2 Categorical Exemptions set forth in California Environmental Quality Act (CEQA) Guidelines, section 15301(b) (Existing Facilities) and 15302(c) (Replacement or Reconstruction) due to the nature of this contract involving repair and rehabilitation of existing public sewer utilities, in this case by constructing a CIPP corrosion resistant liner within the existing concrete pipe, which will involve negligible or no expansion of capacity or use. Furthermore, none of the exceptions to Categorical Exemptions set forth in the CEQA Guidelines, section 15300.2 apply to this project.

FISCAL IMPACT

This project is identified in the five year capital improvement plan. Funds in the amount of \$1,620,000 for the project were budgeted in the FY2013 Sewer Enterprise Fund No. 40501. The fiscal impact of this contract would be \$926,490. The budgeted amount was almost \$700,000 higher because the budget was developed using the 2006 Master Plan and the bidding environment along with the economy have caused bid prices to fall.

Attachments:
Fiscal Impact Statement
Bid Evaluation
Vicinity Map

FISCAL IMPACT STATEMENT

PROGRAM:

<u>RECOMMENDATION</u>	<u>TOTAL OR CURRENT</u>	<u>ANNUALIZED COST</u>
Direct Cost	<u>\$882,490.00</u>	_____
Indirect Cost	<u>*\$44,000.00</u>	_____
TOTAL COST	<u>\$926,490.00</u>	_____
Additional Revenue or Savings Generated	<u>\$ 0.00</u>	_____
Net City Cost	<u>\$926,490.00</u>	_____
Amount Budgeted (If none budgeted, identify source)	<u>\$1,620,000.00</u>	_____
<u>*Indirect Costs</u>		
Inspection	<u>\$25,000.00</u>	
Administration	<u>\$9,000.00</u>	
Contract Compliance	<u>\$5,000.00</u>	
Other	<u>\$5,000.00</u>	

Funds for this project are available in the 2013 Sewer Enterprise reserves fund No. 40501.

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EVALUATION OF BID PROPOSALS

FOR: SEWER REHABILITATION IN MCKINLEY AVENUE, FROM CLOVIS AVENUE TO CLINTON WAY

Bid File No.3208
Bid Opening: 1/3/13

BIDDER'S	TOTAL NET BID AMOUNT
1. SAK Construction 864 Hoff Road O'Fallon, MO 63366	\$882,490.00
2. Michels Pipeline Construction 1715 16 th St SE Salem, OR 97302	\$1,094,300.00
3. California Trenchless 11875 Dublin Blvd C-240 Dublin, CA 94568	\$1,354,940.00
4. Repipe California LP 12771 Brown Ave Riverside, CA 92509	\$1,482,555.79
5. Insituform Technologies, LLC 17988 Edison Ave. Chesterfield, MO 63005	\$1,498,500.00

Each bidder has agreed to allow the City sixty-four (64) days from date bids are opened to accept or reject their bid proposal. Purchasing requests that you complete the following sections and return this bid evaluation to the Purchasing Division at the latest by Wednesday, January 30, 2013 5:00 P.M.

The Engineer's Estimate for this expenditure is \$ 1,572,000 . The contract price is 43 % below the Engineer's Estimate. If the overage is greater than 10% or only one bid was received, give explanation:

BACKGROUND OF PROJECT (To be completed by Evaluating Department/ Division. Explain need for project/equipment):

In 2009, the City Council adopted the Sewer System Management Plan (SSMP) prepared by the Department of Public Utilities (DPU), as required by the statewide General Wastewater Discharge Requirements for sanitary sewer collection systems. This plan calls for the need to perform evaluations, check design criteria, analyze capacity enhancement measures and create schedules for improvements. The SSMP utilizes the 2006 Wastewater Collection System Master Plan (Master Plan) to determine areas with inadequate sections within the sewer collection system. This Master Plan identified 4,980 feet of 27-inch sewer in McKinley Avenue between Clovis Avenue and East Clinton Way as being in poor condition; the condition is a result of hydrogen sulfide corrosion. DPU recommends constructing a corrosion-resistant liner in the existing pipe. The corrosion-resistant liner will repair the structural integrity and prevent further deterioration caused by hydrogen sulfide corrosion.

EVALUATION OF BID PROPOSALS

FOR: SEWER REHABILITATION IN MCKINLEY AVENUE, FROM CLOVIS AVENUE TO CLINTON WAY

Bid File No.3208
Bid Opening: 1/3/13

DEPARTMENT CONCLUSIONS AND RECOMMENDATION:

Award a contract in the amount of \$882,490.00 to SAK Construction as the lowest responsive and responsible bidder.

Remarks:

Reject all bids. Reason:

Department Head Approval



Title Assistant Director of Public Utilities

Date 1/22/13

Approve Dept. Recommendation

Approve Finance/Purchasing Recommendation

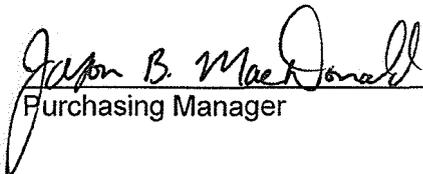
Disapprove

Disapprove

See Attachment

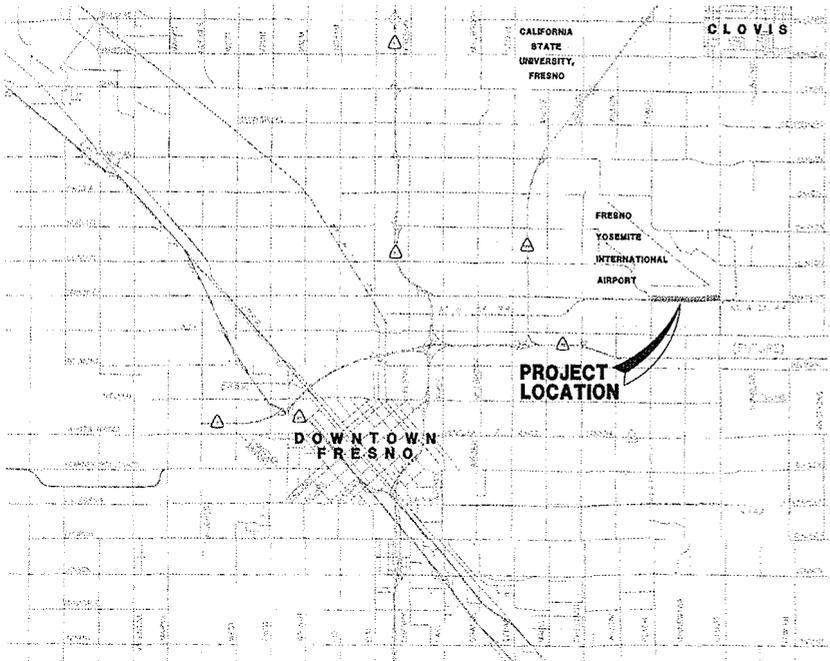
FINANCE DEPARTMENT

CITY MANAGER

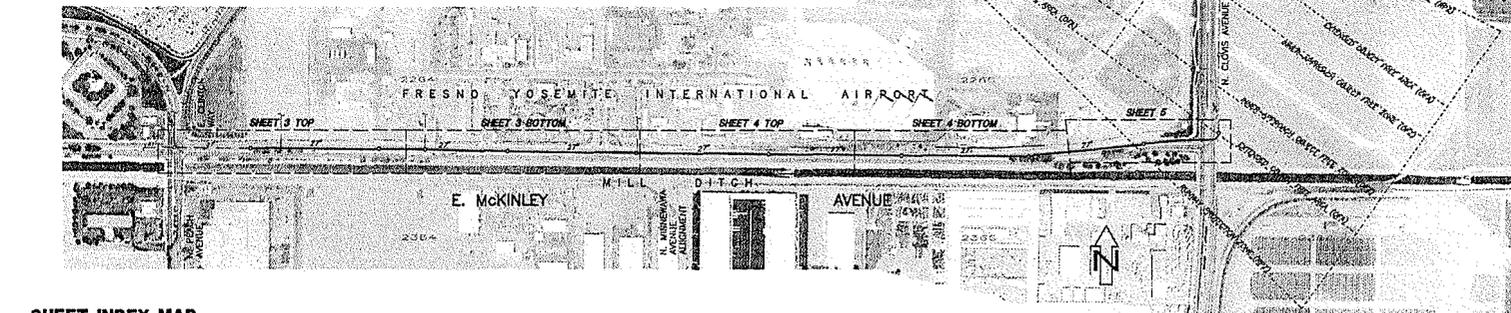

Purchasing Manager 1/23/2013
Date


City Manager or Designee 1/24/13
Date


Assistant Finance Director/Assistant Controller 1/23/2013
Date



VICINITY MAP
NOT TO SCALE



SHEET INDEX MAP
SCALE: 1"=300'



DEPARTMENT OF PUBLIC UTILITIES PLANS FOR THE CONSTRUCTION OF SEWER REHABILITATION IN E. MCKINLEY AVENUE, FROM CLOVIS AVENUE TO CLINTON WAY

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE PROVISIONS OF THE CITY OF FRESNO, DEPARTMENT OF PUBLIC UTILITIES, OPERATING DOCUMENTS ENTITLED "SEWER REHABILITATION OF E. MCKINLEY AVENUE, FROM CLOVIS AVENUE TO CLINTON WAY" AND FILE NUMBER 1008.
2. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, LABOR, EQUIPMENT, TOOLS AND ACCESSORIES AND SHALL BE RESPONSIBLE TO COMPLY WITH ALL OF THE PROVISIONS SPECIFIED ON THE PLANS OR BY THE SPECIFICATIONS, WITH THE EXCEPTIONS OF EXISTING IMPROVEMENTS AND THOSE IMPROVEMENTS SPECIFICALLY SHOWN OR SPECIFIED AS "FUTURE" OR AS "BY OTHERS".
3. STATION CONTROL LINE IS THE CENTERLINE OF PIPE.
4. POINT-OF-BEGINNING AND ENDPOINT LINES SHOWN ON THE PLANS WERE DERIVED FROM ASSUMED MAPS AND PLOTTED TO FIT EXISTING CURB PATTERNS.
5. WHERE SEWER LINES ARE SHOWN CURVED, THE EXACT LOCATIONS OF THE BEGINNINGS AND ENDS OF THE CURVES ARE UNKNOW.
6. AERIAL PHOTOGRAPHY SHOWN ON THE PLANS WAS PHOTOGRAPHED IN 2006. ELEVATION FOR THE FINISHING SURFACE ON THE PLANS IS BASED ON THE AERIAL PHOTOGRAPHY AND TOPOGRAPHIC SURVEYS AND FIELD OBSERVATIONS.
7. UTILITIES SHOWN WERE TAKEN FROM THE TOPOGRAPHIC BASE MAPS AND PLAN DRAWINGS PROVIDED BY UTILITY COMPANIES OR AGENCIES. AND/OR FIELD SURVEYS AND INVESTIGATIONS. THEIR DEPICTION IS BASED ON THE BEST INFORMATION AVAILABLE AT THE TIME THESE DRAWINGS WERE PRODUCED. HOWEVER, IT IS POSSIBLE THAT OTHER ADDITIONAL UTILITIES MAY EXIST THAT WERE NOT REVEALED BY THAT INFORMATION.
8. THE TOPOGRAPHIC SURVEY LOCATES SPECIFIC PHYSICAL FEATURES OF THE SITE AND THEIR ELEVATIONS AS DETERMINED NECESSARY BY THE PROJECT ENGINEER. THE INFORMATION SHOWN REFLECTS THE DATA OBTAINED BY FIELD SURVEYS CONDUCTED FOR THE PROJECT ON JUNE 8, 2012.
9. ALL EXISTING SEWER HOUSE BRANCH CONNECTIONS TO THE REHABILITATION SEWER SHALL BE REINSTATED, EXCEPT THOSE THAT ARE CARRIED WITHIN SIGN ON PLANS OR NOT, UNLESS SPECIFIED OTHERWISE BY THE ENGINEER.

APPROVALS

[Signature] 11/1/12
CITY OF FRESNO DEPARTMENT OF PUBLIC UTILITIES DATE

[Signature] 10/29/12
CITY OF FRESNO CONSTRUCTION MANAGEMENT DATE

[Signature] 11/7/12
CITY OF FRESNO TRAFFIC ENGINEERING DATE

INDEX MAP LEGEND

- EXISTING SEWER MANHOLE
- EXISTING SEWER MANHOLE TO BE REHABILITATED
- EXISTING SEWER MANHOLE TO BE DEMOLISHED, SEE AS NOTED
- OTHER SEWER, SIZE AS NOTED
- RAINWATER
- PLAT BOUNDARY
- PLAT MENSUR
- SHEET LIMITS
- FH AIRPORT ZONES AND AREAS

SHEET INDEX	
SHEET NO.	TITLE
1	TITLE SHEET, VICINITY MAP, AND SHEET INDEX MAP
2	LEGEND, BASIS OF ELEVATIONS, AND DETAILS
3	PLAN AND PROFILE - STA 10+00 TO 30+00
4	PLAN AND PROFILE - STA 30+00 TO 52+00
5	PLAN AND PROFILE - STA 52+00 TO 60+00



GRASSY TAXT	REF. NO.	11272
Blair Church & Flynn Consulting Engineers 615 Olive Street Fresno, CA 93701 Tel: (559) 239-1400 Fax: (559) 239-1500	PROJ. ID.	00007041
	PLANS	05/21/12
	DATE	11/22/12
	DATE	11/22/12
	DATE	11/22/12

CITY OF FRESNO SEWER REHABILITATION IN E. MCKINLEY AVENUE, FROM CLOVIS AVENUE TO CLINTON WAY	DEPARTMENT OF PUBLIC WORKS	
	DIRECTOR	APPROVED
TITLE SHEET, VICINITY MAP, AND SHEET INDEX MAP	DATE	11/1/12
	DATE	10/29/12
	DATE	11/7/12
	DATE	11/22/12

DWG. NUMBER: 12-22-1211

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