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**Title:** Actions pertaining to Sewer Rehabilitation in the Vicinity of North Fresno Street and East Shields Avenue (Bid File 3646) (Council District 7):

1. Adopt a finding of Categorical Exemption pursuant to Class 1, Section 15301 (Existing Facilities) of the California Environmental Quality Act Guidelines
2. Award a construction contract to Emmett's Excavation, Inc., in the amount of \$1,212,543
3. Authorize the Director of Public Utilities, or designee, to sign the contract on behalf of the City of Fresno

**Sponsors:** Department of Public Utilities

**Indexes:**

**Code sections:**

**Attachments:** 1. Attachment 1 - Bid Evaluation & Fiscal Impact.pdf, 2. Attachment 2 - Sample Contract.pdf, 3. Attachment 3 - Vicinity Map.PDF

Date	Ver.	Action By	Action	Result
6/13/2019	1	City Council	approved	Pass

**REPORT TO THE CITY COUNCIL**

**June 13, 2019**

**FROM:** MICHAEL CARBAJAL, Director  
Department of Public Utilities

**THROUGH:** BRIAN SPINDOR, PE<sup>(WA)</sup>, Assistant Director - Wastewater  
Department of Public Utilities - Wastewater Management Division

DEJAN PAVIC, PE, Public Utilities Manager  
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**BY:** CHARLES MASTERS, Engineer II  
Department of Public Utilities - Utilities Planning & Engineering

**SUBJECT**

Actions pertaining to Sewer Rehabilitation in the Vicinity of North Fresno Street and East Shields Avenue (Bid File 3646) (Council District 7):

1. Adopt a finding of Categorical Exemption pursuant to Class 1, Section 15301 (Existing Facilities) of the California Environmental Quality Act Guidelines

2. Award a construction contract to Emmett's Excavation, Inc., in the amount of \$1,212,543
3. Authorize the Director of Public Utilities, or designee, to sign the contract on behalf of the City of Fresno

## RECOMMENDATIONS

Staff recommends that City Council adopt a finding of Categorical Exemption pursuant to Class 1, Section 15301 (Existing Facilities) of the California Environmental Quality Act (CEQA) Guidelines for Sewer Rehabilitation in the Vicinity of North Fresno Street and East Shields Avenue (Project); award a construction contract to Emmett's Excavation, Inc., in the amount of \$1,212,543; and authorize the Director of Public Utilities, or designee, to sign the contract on behalf of the City of Fresno (City).

## EXECUTIVE SUMMARY

After a detailed analysis of the wastewater collection system, the Wastewater Collection Sewer Master Plan identified sewer pipes and appurtenances in need of rehabilitation and replacement. The scope of work for the Project will correct sewer system structural deficiencies in the vicinity of North Fresno Street and East Shields Avenue. The Department of Public Utilities, Wastewater Management Division, is seeking to award a construction contract for the Project in the amount of \$1,212,543 to Emmett's Excavation, Inc.

## BACKGROUND

The 2015 Wastewater Collection System Master Plan incorporated inspections of the City's sewer system. The goal of these inspections was to evaluate the structural and capacity handling capability of all the downtown sewer pipes. Through this investigation, various sections of these sewer pipes were found to have structural deficiencies such as cracks and voids, some are past the design useful life and other pipes are undersized per the current City standard design requirements.

The ages of the pipes in the Project area range from 1950 to 1980. The typical design life of a sewer pipe is 50 to 75 years. The advanced age and structural deficiencies discovered in these areas require that certain sections of the sewer pipes be rehabilitated.

The Project consists of the rehabilitation of sewer mains by means of Cured in Place Pipe (CIPP) liner installation in the following locations: 6-inch diameter sewer main in North Effie Street between East Dakota Avenue and East Fedora Avenue; 6-inch diameter sewer main in East Fedora Avenue between North Mariposa Street and North Callisch Street; 6-inch diameter sewer main in East Andrews Avenue between North Mariposa Street and North Orchard Street; 6-inch diameter sewer main in North Orchard Street between East Andrews Avenue and East Dayton Avenue; 12-inch and 15-inch diameter sewer mains in East Shields Avenue Frontage Road between North First Street and California State Route 41 overpass; as well as rehabilitation of the 6-inch diameter sewer main in East Dakota Avenue in intersection with North Fresno Street by means of full length removal and replacement. Additionally, localized point repairs will take place in areas of severe damage at various locations along these sewer mains. Sewer rehabilitation was proposed where capacity deficiencies, structural deficiencies, and advanced age of pipe were identified.

Plans and specifications were prepared for this Project. A Notice Inviting Bids was published on April 12, 2019, and posted on the City's Planet Bids website. The specifications were distributed to nine prospective bidders and faxed to eleven Builder Exchanges. Two sealed bid proposals were

received and publicly opened on May 7, 2019. The bid proposals were \$1,212,543 and \$1,685,191. The bid will expire within 64 days of bid opening, on July 10, 2019.

Emmett's Excavation, Inc., was found to be the lowest responsive and responsible bidder with a bid amount of \$1,212,543. The staff determination was posted on the City's Planet Bids website on May 20, 2019. Staff recommends that City Council award a construction contract to Emmett's Excavation, Inc., in the amount of \$1,212,543. Their bid price is 4.62% above the Engineers Estimate of \$1,159,000.

## **ENVIRONMENTAL FINDINGS**

Staff has performed a preliminary environmental assessment for this Project and has determined that it falls within Categorical Exemption pursuant to Class 1, Section 15301 (Existing Facilities) of the CEQA Guidelines, because this contract involves normal operation and maintenance of existing public sewer facilities. Furthermore, none of the exceptions to Categorical Exemptions set forth in the CEQA Guidelines, Section 15300.2 apply to this Project.

## **LOCAL PREFERENCE**

Local preference was not implemented because the lowest responsive and responsible bidder is a local business.

## **FISCAL IMPACT**

There is no impact to the General Fund. This Project is located in Council District 7. This Project is identified in the Wastewater Management Division's five-year Capital Improvement Plan and sufficient funds for the project are budgeted in the Fiscal Year 2019 Sewer Enterprise Fund 40501.

### **Attachments:**

- Attachment 1 - Bid Evaluation and Fiscal Impact Statement
- Attachment 2 - Sample Contract
- Attachment 3 - Vicinity Map