



Legislation Text

File #: 19-481, **Version:** 1

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SUBJECT: Award of Bid and Approval of Construction Contract with Phase 1 Construction for the Cooper Avenue Sanitary Sewer Lift Station Construction, Project No. 114004, in the Amount of \$755,825 and Approval of a Professional Services Agreement with Provost and Pritchard Engineering Group, Inc., for Engineering Design Services in the Amount of \$23,694

REPORT IN BRIEF

Considers awarding a contract in the amount of \$755,825 to Phase 1 Construction to perform the Cooper Avenue sanitary sewer lift station construction and approving the professional services agreement with Provost and Pritchard Engineering Group, Inc. for engineering design services in the amount of \$23,694.

RECOMMENDATION

City Council - Adopt a motion:

- A. Awarding the bid for the Cooper Avenue Sanitary Sewer Lift Station Construction, Project No. 114004, to Phase 1 Construction in the amount of \$755,825; and,
- B. Approving an amendment to an agreement for professional services with Provost and Pritchard Engineering Group, Inc., in the amount of \$23,694 for engineering design services; and,
- C. Authorizing the City Manager or the Assistant City Manager to execute the necessary documents and to approve change orders not to exceed 10% of the total construction contract.

ALTERNATIVES

- 1. Approve, as recommended by staff; or,
- 2. Approve, subject to modifications as conditioned by City Council; or,
- 3. Refer to staff for reconsideration of specific items; or,
- 4. Deny.

AUTHORITY

Charter of the City of Merced, Section 200 et seq.

Municipal Code Chapter 3.04, Article IV - Public Works Contracts. Every project involving an expenditure of more than sixty-nine thousand, eight hundred and thirty- three dollars (\$69,833) for the construction or improvements of public buildings, works, streets, drains, sewers, utilities, parks, and playgrounds shall be let by contract to the lowest responsive and responsible bidder after notice by publication in the official newspaper by one or more insertions, the first of which shall be at least

ten days before the time for opening bids.

CITY COUNCIL PRIORITIES

As provided for in the 2019-20 Adopted Budget.

DISCUSSION

Cooper Avenue Lift Station

The Cooper Avenue Lift Station is located approximately 2200 feet west of the intersection of Cooper Avenue and Highway 59 in the City's Western Industrial District. The Station receives wastewater from the surrounding businesses that then flows easterly along Cooper Avenue, south along Highway 59, and eventually to the Wastewater Treatment Plant located approximately 2.5 miles southwest of the City.

The Station is experiencing excessive pump cycling, with associated increased maintenance costs, and it is under-capacity for the quantity of received wastewater. In addition, the facility does not have an emergency backup generator. In the case of an electrical power outage, Public Works staff must transport and monitor a mobile emergency generator to ensure proper station operation. Staff recommend replacing the approximately 40-year old sewer facility with a new lift station in the same location.

On September 18, 2017, the Council awarded the lift station design services contract to Provost and Pritchard Engineering Group, Inc. The project generally consists of: a subgrade wet well sump assembly with associated entrance hatch, water pumps, electrical service, emergency backup generator, supervisory controls and data acquisition (SCADA) system, and surrounding chain-link fence.

Provost and Pritchard Engineering Group, Inc., under the direction of City staff, prepared plans and specifications for the work. The project was advertised and the bids were opened on August 15, 2019, with the following results:

1. Phase 1 Construction (Atwater*)	\$ 755,825
2. Rolfe Construction (Atwater*)	\$ 800,915
3. MidCal Pipeline and Utilities, Inc. (Merced*)	\$ 870,160
4. Smith Construction Company, Inc. (Fresno)	\$ 921,915
5. RTC Construction Management, Inc. (Merced*)	\$ 926,933
6. TNT Industrial Contractors, Inc. (Sacramento)	\$ 939,202
7. Floyd Johnston Construction, Inc. (Clovis)	\$1,044,689

(* fixed office in Merced County and active City of Merced business license qualifies contractor as a certified Local Business Enterprise)

The engineers estimate was \$624,000.

The following is the proposed budget for the project:

Construction	\$ 755,825
Contingency (10%)	\$ 75,582
Engineering, Testing, Inspection (5%)	\$ 37,791
Total	\$ 869,198

Provost and Pritchard Engineering Group, Inc., Design Contract Amendment

The contract amendment under consideration is necessary to reimburse Provost and Pritchard Engineering Group, Inc for the following additional costs:

1. After the original design contract was awarded it was discovered that the existing sewer lift station was not located on a dedicated easement. This required additional research and survey activities to confirm the new sewer lift station layout. In addition, staff erroneously provided Airport Industrial District sewer flow data to the design engineers. After discovery, this necessitated recalculating the Western Industrial District (Cooper Avenue) sewer flow quantities for design parameters.
2. The City transmitted a utility notification to the Merced Irrigation District (MID) for the pending construction project. MID subsequently informed the City that they had several underground electrical conduits traversing the subject area. Several lines are located on an easement that was previously unknown to staff. One set of underground lines were not located on MID's easement but several feet north of the boundary. This situation necessitated Provost and Pritchard Engineering Group, Inc. staff to remobilize to the site and confirm the locations of the easement and conduits. In early 2019, MID subsequently relocated their northerly lines onto their easement, and the new sewer lift station design was completed.

IMPACT ON CITY RESOURCES

This project was established as a Capital Improvement Project and account 553-1108-637.65-00-114004 contains sufficient funding to complete the project.

ATTACHMENTS

1. Location Map
2. Site Map
3. Construction Contract
4. Contract Amendment