



OPERATIONS COMMITTEE

Administration Building
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Agenda Report

File #: 2021-1686

Agenda Date: 7/7/2021

Agenda Item No: 5.

FROM: James D. Herberg, General Manager
Originator: Kathy Millea, Director of Engineering

SUBJECT:

SPRINGDALE RELIEF CONCRETE ENCASEMENT EXTENSION AT WINTERSBURG CHANNEL, PROJECT NO. FRC-0012

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

- A. Approve a sole source with J. F. Shea Construction, Inc. for \$167,694 for Springdale Relief Concrete Encasement Extension at Wintersburg Channel, Project No. FRC-0012;
- B. Authorize the General Manager to award the Construction Contract to J. F. Shea Construction, Inc. for \$167,694 for Springdale Relief Concrete Encasement Extension at Wintersburg Channel, Project No. FRC-0012; and
- C. Approve a contingency of \$30,185 (18%).

BACKGROUND

The County of Orange (County) has awarded a design-build Contract (\$85 million) to J.F. Shea Construction, Inc. (JF Shea) to make improvements to the East Garden Grove Wintersburg Storm Drain Channel located in the City of Huntington Beach. The improvements involve channel widening efforts that will allow it to convey 100-year storm events. The Orange County Sanitation District (OC San) owns a sewer that crosses the channel along Springdale Avenue. This sewer needs to be protected in place and requires certain mitigations (Protective Mitigations) to be performed so it will not be damaged during and after the County's construction activities. Specifically, this mitigation is a reinforced concrete sewer encasement. The County has requested that OC San contract directly with JF Shea to perform these Protective Mitigations.

RELEVANT STANDARDS

- 24/7/365 treatment plant reliability
- Maintain collaborative and cooperative relationships with regulators, stakeholders, and neighboring communities

PROBLEM

The subject sewer has been installed by permit within the County-owned flood control right-of-way. Due to the permit conditions, the County is not obligated to protect the sewer in place using their funds. Due to the permitting and de-watering requirements, OC San cannot perform these Protective Mitigations and not delay the County's Project.

PROPOSED SOLUTION

Contract directly with JF Shea so they can perform the Protective Mitigations at the same time as the channel improvement work.

TIMING CONCERNS

The County is beginning construction in June 2021 and is scheduled to perform the channel improvements at the Springdale Avenue area in August 2021.

RAMIFICATIONS OF NOT TAKING ACTION

The subject OC San sewer may become damaged during or after construction. If OC San performs these improvements after construction, the overall costs to perform the work will be higher.

ADDITIONAL INFORMATION

Due to the fast-moving pace of a design-build contract, the County has indicated there would not be enough time to enter into a cooperative reimbursement agreement and therefore has requested that OC San contract directly with JF Shea.

By using the County's Contractor (JF Shea) to perform the Protective Mitigations simultaneously, it is estimated that OC San will save approximately one million dollars in groundwater dewatering and coffer dam installation costs. This will also reduce the risk of the sewer being damaged during construction and where a spill would go directly into the channel.

OC San negotiated the amount with the Contractor and believe the amount to be fair and reasonable for the work required. The requested contingency reflects the unknown nature of the conditions below the channel and the potential associated risks that cannot be mitigated in advance of the work.

JF Shea is scheduled to start this work in early to mid-August 2021. By authorizing the General Manager to award the Contract, this will allow the work to proceed without impacting the County's drainage improvement project.

CEQA

CEQA compliance will fall under the County's Project since the Protective Mitigations will be performed at the same time and area as their work.

FINANCIAL CONSIDERATIONS

This request complies with authority levels of the OC San's Purchasing Ordinance. This recommendation would be funded under the Repairs and Maintenance line item for the Operations and Maintenance Department (Budget Update Fiscal Years FY 2021-2022 Budget, Page 45), and the available funding is sufficient for this action.

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

N/A

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