

AGENDA ITEM #: _____

DATE: October 28, 2019

CAR #: 2019-6771



CITY COUNCIL ACTION REPORT

SUBJECT: Approve Expenditure of \$788,000 for the Potable Water Storage Reservoir Rehabilitation Project at Booster Station #21

STAFF PRESENTER(S): Ruben Veloz, Water Superintendent

OTHER PRESENTER(S): N/A

Summary: Request City Council approval of the expenditure of FY2020 funds for the coating rehabilitation of the 2-million-gallon storage tank at Booster Station #21.

Recommendation:

Approve expenditure of funds in the amount of \$788,000 for tank coating rehabilitation at Booster Station #21.

Fiscal Impact: The FY2020 Capital Improvement Program (CIP) budget includes \$788,000 in water operating funds for potable water storage reservoir rehabilitation (project 60011).

Background and Previous Actions

The city owns and operates a 2.0-million-gallon storage tank at Booster Station #21 to supply potable water for domestic and fire protection needs to city residents. The tank construction is made of welded carbon steel material and was built in 2004. Basic maintenance to the tank has been performed on a regular basis, but full tank coating rehabilitation has not. Previous maintenance includes interior cleaning and visual inspection utilizing divers to assess the overall condition and to determine maintenance needs. However, the tank has the original coating since the tank was built and the coating is now due for repair.

Staff Analysis

The tank coating rehabilitation work will take approximately 90 days. This work is scheduled for the off-peak low water demand months, so customers are not negatively affected while the tank is out of service. The water system is designed and capable to continue to provide water services to the residents in the area.

The Public Works Department's water tank maintenance program includes tank coating rehabilitation on all carbon steel tanks be performed every ten years. A proactive coating

rehabilitation program will improve reliability of the water system and protect and extend the life expectancy of such a vital and important asset.

Attachments

Contract CON-20-5085-A1