



AGENDA MEMORANDUM

Action Item for the City Council Meeting October 10, 2023

DATE: September 28, 2023
TO: Peter Zaroni, City Manager
FROM: Ryan Skrobarczyk, Intergovernmental Relations Director
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361-826-3622

Resolution authorizing the submission of Texas Defense Economic Adjustment Assistance Grant Program in an amount of \$922,059.90

CAPTION:

Resolution authorizing the submission of a grant application of up to \$922,059.90 to the Office of the Governor for funding from the Texas Military Preparedness Commission's Defense Economic Adjustment Assistance Grant Program to remove and replace two aging and deteriorating pumps and motors at two wastewater lift stations within the NASCC and to install two new diesel-powered emergency generators at each lift station; the grant will require a match contribution of up to 110,647.19 from the City to fund project management and grant administration services.

SUMMARY:

Phase two of the previously awarded Naval Air Station Corpus Christi (NASCC) wastewater collection system project will remove and replace two aging and deteriorating pumps and motors within two wastewater lift stations and install diesel-powered emergency generators for the two lift stations which support the primary distribution of domestic and industrial waste created by Corpus Christi Army Depot (CCAD) Industrial Complex to the NASCC Wastewater Treatment Plant (WWTP). These lift stations are currently listed as critical facilities for Continuity of Operations. The modernized lift stations will comply with federal and state environmental standards and meet both Department of Defense (DoD) and Naval Facilities Engineering Command (NAVFAC) criteria for functioning lift stations. The modernized lift stations will meet the Department of Navy Installation Energy Resilience Goals for resiliency, reliability and efficiency of critical utility assets supporting mission.

BACKGROUND AND FINDINGS:

Lift Station 1151 was built in 1944 (almost 80 years old) and was last repaired in 2014, specifically the replacement of pumps and controllers. Total capacity is approximately one million gallons per day (1 MGD) but is currently operating at half capacity and imminent failure is anticipated due to extreme degradation of pumps and piping. Each lift station has two pumps, but Lift Station 1151 has only one functioning pump. Lift Station 1151 is an above ground facility and handles industrial waste from CCAD Building 8, Building 340 and other CCAD industrial

facilities. Industrial chemicals used for solvents and metallurgy operations are pre-processed in the CCAD complex, then distributed to NASCC WWTP for final processing.

Lift Station 288 was built in 1978 (45 years old) and was last repaired in 2011, specifically the replacement of pumps and controllers. Lift Station 288 is an underground storage tank with submersible grinder pumps which services domestic wastewater from CCAD Building 8 as well as other CCAD and tenant command facilities in the area. Total capacity is approximately one million gallons per day (1 MGD) but is currently operating at half capacity. One of the submersible grinder pumps is non-functioning.

PROJECT COST LEVERAGE DOLLARS PERCENTAGE

PROJECT COST LEVERAGE	DOLLARS	PERCENTAGE
DEAAG	\$922,059.90	46.89%
CCAD	\$933,550.29	47.48%
CITY OF CORPUS CHRISTI	\$110,647.19	5.63% (5.63% of total project cost, but 12% of the DEAAG request for Procurement, Financial Administration and Project Management services)

ALTERNATIVES:

Council may choose to not approve the resolution resulting in a need for NASCC to find alternative funding for this project.

FISCAL IMPACT:

The City of Corpus Christi will provide an in-kind contribution of \$110,647.19 which will cover procurement services, project management, and grant administration for the project.

FUNDING DETAIL:

Fund: 3543-TMPCCO
 Organization: 89
 Department: 33
 Activity: 24202 - DEAAG – NASCC Removal and Replacement of Pumps and Motors within two lift stations
 Amount: \$110,647.19

RECOMMENDATION: Staff recommends approval of the resolution

LIST OF SUPPORTING DOCUMENTS:

Attachment C – Resolution;

Attachment E – Project Description;

Attachment O – Site Map and Photos