



**PUBLIC SERVICE BOARD MEETING
AGENDA ITEM
REGULAR MEETING**

Wednesday, January 13, 2021

SUBJECT

Emergency Repairs to the Filter Backwash Pipe and Road at Canal Water Treatment Plant

BACKGROUND

On December 31, 2020, during the inspection of the filter backwash discharge pipeline, operations staff at the Canal Water Treatment Plant discovered a large void that had developed under the main, and only, road that leads into the treatment plant. The void also extends into the adjacent parking areas used by chemical delivery trucks. Preliminary visual inspection of the void shows a section of pipe has corroded away, causing the void. Sections of this pipeline away from the void also seem to have separated joints. Operations staff have secured the area to avoid vehicular and pedestrian travel over the top of the void.

Currently insufficient information is available to establish a budget or estimate for these repairs as additional engineering analysis must be completed. A preliminary budget is proposed to get started with the needed analysis and site work to further secure the site.

STRATEGIC OBJECTIVES SUPPORTED

Improve Infrastructure

EVALUATION PROCESS

Professional engineering services contract will be executed for a fair and reasonable price based on the requirements of Chapter 2254 of the Government Code and construction contracts will be needed to assess the extent of the damage, recommend solutions, and complete the required repairs. Staff will evaluate engineering consultants qualifications and construction contractor based on experience, qualifications, and availability to begin work on this project immediately. Because this is the only road into the water treatment plant, staff is requesting this work be deemed an emergency, and that the expenditure for the construction work be deemed exempt from the bidding requirements as a procurement necessary to preserve and protect the public health and safety of the residents and because of unforeseen damage to public machinery, equipment or other property. This authorization would allow the repairs to be completed in time for the beginning of irrigation season, when this facility must be in operation to meet the water demands of the city.

FINANCIAL IMPLICATIONS

Sufficient funds are available in Account Number 03029, and the funding sources is the Improvement Fund.

PROPOSED ACTION REQUESTED

Consider and authorize the President/CEO to enter into the following contracts related to the Repairs to the Filter Backwash Pipe and Road at Canal Water Treatment Plant: 1) a Professional Engineering Services Agreement with the most qualified firm pursuant to the requirements of Chapter 2254 of the Government Code for an estimated amount of \$150,000; 2) and authorization to enter into a construction contract, for an estimated amount of \$850,000, pursuant to Section 252.022(a)(2) of the Texas Local Government Code, procurement necessary to preserve and protect the public health and Section 252.022(a)(3) of the Texas Local Government Code, procurement necessary because of unforeseen damage to public machinery, equipment or other property.

SUPPORTING DOCUMENTATION PROVIDED

- None