

A G E N D A



Recommendation for Council Action (CMD)

Austin City Council

Item ID:

23668

Agenda Number

16.

Meeting Date:

April 25, 2013

Department:

Contract Management

Subject

Authorize ratification of a construction contract with EXCEL CONSTRUCTION SERVICES, LLC, for South Austin Regional Wastewater Treatment Plant Trains A & B and Lift Station # 2 Emergency Repairs, in the amount of \$556,000 plus a \$27,800 contingency, for a total contract amount not to exceed \$583,800.

Amount and Source of Funding

Funding is available in the Fiscal Year 2012 - 2013 Capital Budget of the Austin Water Utility.

Fiscal Note

A fiscal note is attached.

Purchasing
Language:

Lowest responsive bid of two bids received.

Prior Council
Action:



For More
Information:

Steve Parks, P.E., 974-3576; Ayman Benyiman, P.E., 972-2040; Susan Garnett, 974-7064; Felecia Shaw, 974-6017.

Boards and
Commission
Action:

Reviewed by the Water and Wastewater Commission.

Related Items:

MBE / WBE:

This contract was awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this solicitation.

Additional Backup Information

The South Austin Regional Wastewater Treatment Plant (SAR) consists of three parallel treatment trains; Trains A, B, and C. Treatment Train A was placed on line in 1986. Construction of Treatment Train B was completed in late 1988 and Treatment Train C was completed in 2005. The three units are collectively rated to process an average daily wastewater flow of 75 million gallons per day (MGD). However, due to recent mechanical failures within the aging facility, the treatment plant can only process approximately 50 MGD. As the current average daily flow of sewage into the plant is on the order of 42.5 MGD, very little reserve capacity is available to accommodate variations in flow that naturally occur due to rain events, or to handle other events such as unforeseen equipment failures. This is an emergency situation because if the capacity of the facility is not restored, there is a distinct probability that a high flow situation or plant upset will result in the release of partially treated or raw sewage presenting a threat to the public health and safety. Significant rain events are common this time of year, increasing the probability of high flow at the treatment plant and the probability of exceeding the hydraulic capacity of the plant. The emergency repairs will require significant time to complete due to the fact that several of the work items require long lead times to fabricate and deliver.

An emergency declaration was signed on January 17, 2013 and a memorandum was sent to the City Manager dated January 31. City engineers reviewed the situation and determined that repair and replacement of certain components of the treatment process would be required to restore the capacity of the plant. This includes replacement of air piping in Treatment Train B, replacement of a clarifier drive in Treatment Train A and repair of a 30-inch valve in Lift Station # 2. Due to potential health and safety risks should additional mechanical failures occur, the City sought bids for this work on an emergency basis. Two contractors were invited to bid on the work and sealed bids were opened after a two week bid process. Excel Construction Services was the low bidder and was awarded a contract to complete the work. Work has been underway since early March including acquisition of materials and replacement parts, and ordering items that take a considerable amount of lead time to fabricate and deliver such as the large valves, actuators and gear boxes. A notice to proceed was issued on March 18 and work is anticipated to be complete by the end of August. The contract was executed on April 4, 2013.

An affidavit was signed on March 25, 2013 further characterizing the threat to public health and safety presented by the equipment failures, and a letter sent to Council dated April 3, 2013 describing the situation and need for the emergency contract.

Due to the potential for unforeseen conditions on this project, a 5% contingency in funding has been included to allow for the expeditious processing of any change orders.

The contract allows 300 working days for completion of this project. This project is located within zip code 78617 and is managed by the Public Works Department.

Excel Construction Services, LLC is located in Leander, TX.