

AGENDA



Recommendation for Council Action

AUSTIN CITY COUNCIL

Regular Meeting: May 10, 2018

Item Number: 011

Capital Contracting Office

Authorize award and execution of a construction contract with Smith Contracting Co. Inc., for FM 812 Landfill Letdown Repair project in the amount of \$1,110,490 plus a \$111,049 contingency, for a total contract amount not to exceed \$1,221,539. [Note: This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 6.04% MBE and 1.27% WBE participation.]

District(s) Affected: District 2

Lead Department	Capital Contracting Office <u>Managing Department(s)</u> Public Works Department
Fiscal Note	Funding is available in the Fiscal Year 2017-2018 Capital Budget of the Austin Resource Recovery.
Purchasing Language	Lowest responsive bid of three bids received through a competitive Invitation for Bid solicitation.
For More Information	Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov. NOTE: Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749, Aiden Cohen, 512-974-1929, or the Project Manager, Eric Bailey, 512-974-7713.

Council Committee, Boards and Commission Action	To be reviewed by the Zero Waste Action Commission on May 9, 2018.
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Additional Backup Information:

During the Memorial Day flood of May 2015 and the Halloween flood of October 2015, torrential rains and excess storm waters discharged into the drainage channels (letdowns) leading from the gently sloped top of the FM 812 landfill to the toe of the slope. This flooded the letdowns, perimeter collection channels and some conveyance piping. The storm water volume and velocity exceeded the design capacity of these facilities. The flooding caused subgrade erosion, rip rap erosion and displacement, damage to the geotextile fabric, and damage to the Linear Low-Density Polyethylene cover beneath the storm water structures. In addition, the culverts became filled with silt and there was damage to perimeter fencing and roads.

Due to the extensive damage to the FM 812 landfill letdowns caused by these rain and flood events, it was determined that a more robust engineered letdown design was needed to mitigate and prevent this type of damage from happening in the future from catastrophic rain and flooding events. Drainage structures and repairs are also required by the Texas Commission on Environmental Quality landfill permit and will prevent the ongoing maintenance currently taking place following most rain events.

This item includes one allowance. The allowance of \$35,000 will be used to address repairs to damaged geosynthetic liner that may be encountered during construction. This allowance is required because the liner is currently buried and the extent of damage is unknown. An allowance is an amount that is specified and included in the construction contract or specifications for a certain item of work whose details are not yet determined at the time of bidding.

Due to the potential for unknown sub-surface conditions, a 10% contingency in funding has been included to allow for the expeditious processing of any change orders. A contingency is an additional amount of money added to the construction budget to cover any unforeseen construction costs associated with the project.

The project is entirely within a non-public area of the landfill, therefore construction activities will not affect the public. If delayed, the letdown structures at the FM 812 landfill will not be repaired and may be damaged further by future storm events and the FM 812 Landfill will not be in compliance with its Texas Commission on Environmental Quality permit.

The contract allows 90 calendar days for completion of this project. This project is located within zip code 78719 (District 2).

Smith Contracting Co, Inc. is located in Austin, Texas.

Information on this solicitation is available through the City's Austin Finance Online website

Link:Solicitation Documents

<https://www.austintexas.gov/financeonline/vendor_connection/solicitation/solicitation_details.cfm?sid=116068>.