



AGENDA MEMORANDUM

Action Item for the City Council Meeting of July 25, 2023

DATE: July 25, 2023

TO: Peter Zaroni, City Manager

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<p style="text-align: center;"><u>Construction Contract Award</u> Cefe Valenzuela Landfill Sector 2A Cell Development</p>

CAPTION:

Motion authorizing a construction contract to FCS Construction LLC., Frisco, Texas, in an amount of \$7,193,841.34 for the construction of Cefe Valenzuela Landfill Sector 2A Cell Development, located outside of City limits by Petrolina Creek, with funding available from FY 2023 Certificate of Obligation.

SUMMARY:

This item awards a construction contract for Cefe Valenzuela Landfill Sector 2A Cell Development. The project provides the construction of Sector 2A at city's Cefe Valenzuela municipal solid waste landfill as presented in the current site development plan (SDP) of the facility permit.

BACKGROUND AND FINDINGS:

The Cefe Valenzuela Landfill is a municipal solid waste landfill, owned and operated by the City of Corpus Christi, Texas located outside of City limits near Petrolina Creek on CR 20. The current existing landfill footprint is broken up into seven existing sectors, (1A-C, 3C and 3D, and 4A and B). The site plan includes 5 future sectors, such as the proposed 2A, and 2B – 2C, and 3A – 3B.

The scope of this project is to construct the entirety of Sector 2A as presented in the current Site Development Plan (SDP) of the facility permit. This sector will tie into existing Sectors 1C and 1B on the north and northeast boundary, and 3C on the east boundary. The southwest side of Sector 2A will adjoin future Sector 2B and the south and southeast side of Sector 2A will adjoin future Sectors 3A and 3B. Sector 2A will be adjacent to Unit 1 perimeter road. Based on the conceptual design in the SDP, Sector 2A will provide approximately 27.9 acres of liner to be installed with a gross disposal capacity of approximately 3,210,000 cubic yards (CY's).

The construction of the disposal sector will include a leachate sump in the southwest corner along with an underdrain system including a riser pole and pumping system for groundwater management. Upon completion of construction, the Soil Liner Evaluation Report (SLER) and Geosynthetic Liner Evaluation Report (GLER) will be prepared and submitted to the TCEQ for approval. Once the GLER and SLER are approved, waste disposal may begin in Sector 2A.

PROJECT TIMELINE

2022 - 2023	2023 - 2023	2023 - 2024
October – April	April – July	August – March
Design	Bid	Construction

Project schedule reflects City Council award on July 25, 2023, with anticipated construction completion by March 2024.

COMPETITIVE SOLICITAION PROCESS:

The Contracts and Procurement Department issued a Request for Bid (RFB 4814) for the proposed Cefe Valenzuela Landfill Sector 2A Cell Development project on May 15, 2023. On June 14, 2023, the City received bids from three (3) bidders. City analyzed the bids in accordance with the contract documents and determined FCS Construction, LLC as the lowest responsive and responsible bidder.

The bid results are summarized below:

BID SUMMARY	
CONTRACTOR	BASE BID
1. FCS Construction, LLC	\$7,193,841.34
2. 4X Construction Group	\$7,198,839.73
3. Gerke Excavating	\$7,502,183.73
Engineer’s Opinion of Probable Construction Cost	\$7,762,075.00

FCS has experience directly related to landfill cell development at a size or cost in excess or comparable to the City's requirement and has a favorable reputation related to the cell development. FCS has been in business in Texas since 2004 and has successfully completed many landfill construction projects. FCS has completed similar projects in the last five years including, Grand Prairie Landfill for a landfill expansion, Texoma Area Solid Waste Authority for a Landfill cell expansion, and Arlington Landfill packages for a landfill cell over liner and final cover. FCS has also successfully completed Sector 1A and Sector 3C cell development at the Cefe Valenzuela Landfill for the City of Corpus Christi in 2011 and 2018, respectively.

ALTERNATIVES:

City Council could choose NOT to award the construction contract to FCS. However, this would delay the start of the project. Sector cell 3C is currently reaching capacity and having a cell full would limit the capacity of solid waste department on maintaining day to day trash management in the city. This would also keep the municipal solid waste in compliance with TCEQ requirements and adhere to the site development plan.

FISCAL IMPACT:

The fiscal impact in FY 2023 is an amount of \$7,193,841.34 with funding available from the Certificate of Obligation. The shortfall in funding for the project is transferred from the project design, inspection and the reimbursements.

FUNDING DETAIL:

The Capital Improvement Program (CIP) shows that the project is planned for FY 2023. The project is ready to be implemented and the expenditure shown reflects the CIP.

Fund:	Solid Waste 2023 CO (Fund 3375)
Department:	Solid Waste (31)
Org:	Grants and Capital Projects (89)
Account:	Construction (550910)
Activity:	21035-3375-EXP
Amount	\$7,193,841.34

RECOMMENDATION:

Staff recommends awarding a construction contract to FCS Construction LLC., Frisco, Texas, in an amount of \$7,193,841.34 for the new expansion of Sector 2A, located at the Cefe Valenzuela Landfill. The construction duration is 270 days from issuance of the Notice to Proceed (NTP) to begin construction in August 2023.

LIST OF SUPPORTING DOCUMENTS:

Bid Tabs
CIP Page
Location and Vicinity Maps
PowerPoint

