



AGENDA MEMORANDUM

Future Item for the City Council Meeting of December 4, 2018
Action Item for the City Council Meeting of December 11, 2018

DATE: November 14, 2018

TO: Keith Selman, Interim City Manager

THRU: Mark Van Vleck, Assistant City Manager
markvv@cctexas.com
(361) 826-3082

Valerie H. Gray, P. E., Executive Director of Public Works
valerieg@cctexas.com
(361) 826-3729

FROM: Jeff H. Edmonds, P. E., Director of Engineering Services
jeffrey@cctexas.com
(361) 826-3851

Lawrence Mikolajczyk, Director of Solid Waste Operations
lawm@cctexas.com
(361) 826-1972

<p style="text-align: center;"><u>Professional Services Contract</u> Solid Waste Air Compliance and Gas System Monitoring 2019-2021 (Solid Waste Operating Fund)</p>

CAPTION:

Motion authorizing a professional services contract with Stearns, Conrad and Schmidt Consulting Engineers, Inc., (SCS) of Bedford, Texas for a period of 3 years in the amount of \$830,020 for the Solid Waste Air Compliance and Gas System Monitoring project.

PURPOSE:

This provides for air compliance and gas system monitoring as specified by Texas Commission on Environmental Quality (TCEQ) for Cefé F. Valenzuela and J.C. Elliott Landfills.

BACKGROUND AND FINDINGS:

The City owns and operates Cefé F. Valenzuela Landfill and conducts post-closure care for J.C. Elliott Landfill. Both landfills require Gas Collection and Control Systems (GCCS) to ensure gas emissions are within permit levels and for public safety.

The GCCS controls landfill gas (LFG) emissions. Gases are collected through vertical and horizontal perforated pipes in the landfill disposal cells and are passed through a flare to lower combustible and greenhouse gases.

The TCEQ permit requires semi-annual and annual reporting of detailed monitoring, testing, and compliance of the emissions within permit levels.

This item provides for a three-year professional services contract, summarized below:

- Semi-annual and annual reporting of detailed monitoring, testing, and compliance of LFG emissions within permit levels, per TCEQ requirements
- Perform data collection of emissions, testing, analysis and reporting of LFG compositions, greenhouse gases and other pollutants associated with the Air Operating Permit
- Recordkeeping and reporting of 164 LFG extraction wells (126 at J.C. Elliott and 38 at Cefé)
- Monitoring, evaluating and routine maintenance of blowers, motors, flares, compressors, hoses, related pipe fittings and other mechanical equipment
- Non-routine maintenance, repairs and/or replacement of mechanical equipment as necessary
- Engineering investigations, troubleshooting and response to potential hazards (fires, system outages, etc.)

SCS Engineers, Inc. was selected for this project under RFQ No. 2018-01.

ALTERNATIVES:

1. Authorize execution of professional services contract. (Recommended)
2. Do not authorize execution of contract. (Not Recommended)

OTHER CONSIDERATIONS:

NA

CONFORMITY TO CITY POLICY:

Complies with statutory requirements for professional services contracts.

EMERGENCY / NON-EMERGENCY:

Non-Emergency

DEPARTMENTAL CLEARANCES:

Solid Waste Operations

FINANCIAL IMPACT:

☒ Operating ☐ Revenue ☐ Capital ☐ Not applicable

Fiscal Year 2018-2019	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Budget		273,873	598,647	872,520
Encumbered / Expended Amount				
This item		260,040	569,980	830,020
Future Anticipated Expenditures This Project		13,833	28,667	42,500
BALANCE		0	0	0

Fund: Solid Waste Operating

RECOMMENDATION:

City Staff recommends approval of the Motion to authorize a professional services contract with SCS Engineers, Inc.

LIST OF SUPPORTING DOCUMENTS:

Project Budget
Location Map
Presentation
Contract