



AGENDA MEMORANDUM

Future Item for the City Council Meeting of January 9, 2018
Action Item for the City Council Meeting of January 16, 2018

DATE: December 22, 2017

TO: Margie C. Rose, City Manager

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<p><u>Professional Services Contract</u> Solid Waste Air Compliance and Gas System Monitoring 2018</p>

CAPTION:

Motion authorizing the City Manager, or designee, to execute a professional services contract with Stearns, Conrad and Schmidt, Consulting Engineers, Inc., (SCS) of Bedford, Texas in the amount of \$158,840 for Solid Waste Air Compliance and Gas System Monitoring 2018.

PURPOSE:

The purpose of this agenda item is to obtain authority to execute a professional services contract needed for Solid Waste Air Compliance and Gas System Monitoring 2018 that is required for Texas Commission on Environmental Quality (TCEQ) air permitting requirements.

BACKGROUND AND FINDINGS:

The City owns and operates the Cefe F. Valenzuela Landfill and conducts post-closure care for the J.C. Elliott Municipal Landfill. Both landfills have Gas Collection and Control Systems (GCCS) and are required to have TCEQ Title V Air Operating Permits. The permits require regular reporting on how the City is meeting emission control requirements with monitoring, testing, demonstrating compliancy of maintenance and operation within emission limits and other pollution control requirements.

Project Scope

This item provides for the professional services to perform testing, data collection, monitoring, analysis, and reporting requirements associated with the Air Operating Permit. There is a total of 164 gas extraction wells; 26 wells at Cefe Landfill and 138 at JC Elliott. Each well requires monitoring and balancing for static and differential pressures, temperatures and oxygen content with testing for various greenhouse gases and other pollutant controlled gases. The GCCS requires additional testing and monitoring and maintenance of blower and flare flows, pressures, temperatures and greenhouse gases. The engineer will monitor the above items and identify any necessary preventative maintenance actions required. The information is compiled into reports and compared to permit levels.

ALTERNATIVES:

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

OTHER CONSIDERATIONS:

SCS Engineers is the engineer selected for this project under Request for Qualifications No. 2017-01 Public Works, Engineering Planning and Testing Services.

CONFORMITY TO CITY POLICY:

Conforms to City Fiscal Policy

EMERGENCY / NON-EMERGENCY:

Non-Emergency

DEPARTMENTAL CLEARANCES:

Solid Waste Operations

FINANCIAL IMPACT:

☒ Operating ☐ Revenue ☐ Capital ☐ Not applicable

Fiscal Year 2017-2018	Project to Date Expenditures	Current Year	Future Years	TOTALS
Line Item Budget		270,675		270,675
Encumbered / Expended Amount		97,585		97,585
This Item		158,840		158,840
Future Anticipated Expenditures		14,250		14,250
BALANCE		0		0

Fund: Solid Waste Operating

RECOMMENDATION:

City Staff recommends approval of a professional services contract with SCS Engineers of Bedford, Texas in the amount of \$158,840 for Solid Waste Air Compliance and Gas System Monitoring 2018.

LIST OF SUPPORTING DOCUMENTS:

Project Budget

Location Map

Presentation

Contract

Form 1295 (in contract)