



AGENDA MEMORANDUM

Future Item for the City Council Meeting of September 9, 2014
Action Item for the City Council Meeting of September 16, 2014

DATE: August 21, 2014

TO: Ronald L. Olson, City Manager

THRU: Gustavo Gonzalez, P. E., Assistant City Manager for Public Works & Utilities
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THRU: Valerie H. Gray, P. E., Interim Executive Director of Public Works
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FROM: Natasha Fudge, P. E., Acting Director of Capital Programs
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Lawrence Mikolajczyk, Director of Solid Waste Operations
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Engineering Services Contract

Cefe Valenzuela FY2014-2015 Groundwater Monitoring and Related Services

CAPTION:

Motion authorizing the City Manager, or designee, to execute an engineering contract with Tolunay-Wong Engineers of Houston, Texas in the amount of \$138,280.00 for Groundwater Monitoring and Related Services at Cefe Valenzuela Landfill.

PURPOSE:

The purpose of this Agenda Item is to authorize the selected firm to prepare the annual ground-water monitoring report as specified by the Texas Commission on Environmental Quality (TECQ). In addition, detection monitoring and needed verification tests will be conducted.

BACKGROUND AND FINDINGS:

The site is located southeast of Petronila, Texas and comprises approximately 300 acres. The landfill is a Type I Municipal Solid Waste facility that receives domestic waste and wastewater treatment plant sludges. Groundwater is being monitored on a semiannual basis under the detection monitoring program specified by TCEQ.

Cefe Valenzuela Landfill requires groundwater monitoring and services related to the monitoring for State regulatory compliance. The scope includes:

1. Semi-annual detection monitoring of 30 monitoring wells (MW 1-19, 40-46, MW-2B, MW-11B, MW-12B and MW-13B) for 15 metal and volatile organic compounds in accordance with the TCEQ approved Ground Water Sampling and Analysis Plan(GWSAP) In addition, monitoring iron, manganese, nitrate-nitrogen, ammonia-nitrogen, and dissolved organic carbon will be included to facilitate identification of geochemical processes that can mobilize metals, which may assist with preparing alternate source demonstrations when background is exceeded in a well. Collection of six samples are recommended (three per event) from the landfill leachate collection system to characterize the waste in terms of monitored constituents; this is also intended to assist in preparation of alternate source demonstrations and contaminant fate and transport modeling.
2. Verification re-sampling will be conducted for events of statistically significant increases (SSI)
3. Biennial intrawell background update based on data collected in 2013 and 2014
4. Evaluate detection monitoring data, SSIs or alternate sources, prepare submittals to TCEQ, including Annual Report.

ALTERNATIVES:

1. Award the contract to Tolunay-Wong Engineers, Inc. as proposed.
2. Do not award the contract to Tolunay-Wong Engineers, Inc. as proposed.
(Not recommended)

OTHER CONSIDERATIONS:

Tolunay-Wong Engineers, Inc. of Corpus Christi, Texas was selected for this project through RFQ No. 2014-02.

CONFORMITY TO CITY POLICY:

The engineering contract and selection process comply with the Professional Procurement Act and City Policy. Tolunay-Wong Engineers, Inc. was selected based upon qualifications, wide working knowledge of applicable project fundamentals, and understanding of project requirements.

EMERGENCY / NON-EMERGENCY:

Not applicable

DEPARTMENTAL CLEARANCES:

Solid Waste

FINANCIAL IMPACT:

X Operating Revenue Capital Not applicable

Fiscal Year: 2014-2015	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Line Item Budget	\$0.00	\$150,000.00	\$0.00	\$150,000.00
Encumbered / Expended Amount	\$0.00			\$0.00
This item		\$138,280.00	\$0.00	\$138,280.00
Future Anticipated expenditures for this project		\$11,720.00		\$11,720.00
BALANCE	\$0.00	\$0.00	\$0.00	\$0.00

Fund(s): Solid Waste Operating Fund

Comments:

RECOMMENDATION:

City staff recommends the Contract for Professional Services be awarded to Tolunay-Wong Engineers, Inc. in the amount of \$138,280.00.

LIST OF SUPPORTING DOCUMENTS:

Project Budget
Location Map
Presentation