



RESOLUTION NO. 20160823-02

RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO APPROVE A PROPOSAL FROM MATRIX ENVIRONMENTAL FOR DIGITAL GEOPHYSICAL MAPPING AND OVERSIGHT

WHEREAS, TexAmericas Center is a political subdivision of the State of Texas with the powers and authorities specified in Chapter 3503 of the Special District Local Laws Code of the State of Texas; and

WHEREAS, TexAmericas Center has the need for Digital Geophysical Mapping (DGM) survey of certain property for natural gas to be installed on the TAC-E footprint; and

WHEREAS, TexAmericas Center requested a cost proposal from Matrix Environmental, a subsidiary of Matrix Design Group, for this DGM survey at a cost of **\$22,500** based upon the proposed natural gas route from CenterPoint Energy and an oversight of **\$1,000 per day for a maximum of six (6) days**; and

WHEREAS, it is of great importance that the project and the construction of natural gas lines not be delayed in that Expal USA has certain contracts with the United States Department of Defense which require commencement of contract work before a specified deadline; and

WHEREAS, it is in the best interest of TexAmericas Center to enhance job growth and economic development to expedite the award of the contract for the construction of the improvements;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of TexAmericas Center that the Executive Director/CEO is authorized to accept the proposal from Matrix Environmental to perform the DGM survey and oversight for an amount not to exceed **\$28,500**.

PASSED AND APPROVED THIS 23rd day of August, 2016.


Denis Washington, Chairman of the Board

ATTEST:


Melford Pierce, Secretary



August 16, 2016

Scott Norton
TexAmericas Center
107 Chapel Drive
New Boston, TX

RE: UXO Support For TAC-E Campus Gas Main Routing

Dear Mr. Norton,

BACKGROUND

Approximately 14,400 linear feet of gas pipeline will be installed on TAC property, buried approximately 4 feet below ground surface, as shown on the attached drawing. Our understanding is that a twenty foot wide right of way, totaling about 6.8 acres, has been selected, surveyed, and cleared of vegetation for this pipeline and that Center Point has requested that appropriate precautions for munitions and explosives of concern (MEC) including unexploded ordnance (UXO) be performed.

EVALUATION OF RISK

MEC has previously been found at the Fourth Street Salvage Yard and Area E was previously a munitions production load line. In addition, MEC has infrequently been found on TAC property due to improper disposal. However, the pipeline route does not cross target, impact, or training areas and fired munitions are not anticipated to be present. We believe the potential hazard along the planned pipeline route to be low probability for MEC and primarily limited to potential discarded military munitions items (DMM) on or just below the ground surface due to improper disposal. A higher degree of caution may be warranted adjacent to the Fourth Street Salvage Yard and within Area E, where a higher potential for subsurface DMM/MEC may be present.

RECOMMENDATION

Matrix proposes a phased approach to limit costs and mitigate risk due to MEC along the pipeline route. Based on what we know of the route, Matrix UXO technicians familiar with digital geophysical mapping (DGM) will perform a DGM survey of the area, the mapping will be reviewed by a Matrix geophysicist. This can be performed in 3 to 4 days for a cost of \$22,500 and will remove the majority of any potential MEC hazard and will provide additional data for assessing potential subsurface MEC hazard. This task will include a work plan addendum and a letter report at the conclusion of all fieldwork detailing the work performed, map(s) of any MEC or MD

encountered, and coordination with Army EOD to address any MEC or MD encountered.

Based on the results of this effort, we recommend proceeding as follows:

- Based on our previous work at TAC, Matrix will investigate single point anomalies with signature of 5 mV or higher. We anticipate this will take a 2-man team 4 days for approximately 200 anomalies.
- We believe that it is unlikely that MEC will be encountered. In the event that MEC is encountered, Matrix contact Army EOD to dispose of the item. Price to be negotiated based on the area determined necessary to be cleared.
- For areas where high densities of metallic contacts and any type of MEC or MEC debris are encountered, a higher level of excavation oversight may be prudent. Matrix and TAC will contact the Army to address this area will agree on these areas based on the surface/nearsurface results. A Matrix UXO Technician will provide real-time oversight of excavation and qualified Matrix UXO technicians will positively identify and contact Army EOD to dispose of any munitions or potential munitions encountered. This support will be provided at \$1000 per day.

Tasks not anticipated in this scope of work will not be conducted without prior written approval of TAC. If you have any questions or would like to discuss this proposal further, please call me at (832) 528-9979 (mobile).

Sincerely,

Matrix Environmental Services

Peggy Llewellyn

