



City of Ann Arbor

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Reference:

Controlling Body: City Council

File Created Date : 07/03/2017

* **File Name:** 7/3/17 - PSA Tetra Tech - Ann Arbor Landfill Monitoring/Maintenance Program

Final Action: 07/03/2017

Title: Resolution to Approve a Professional Services Agreement with Tetra Tech, Inc. (\$270,511.00) and Approve a Consulting Services Contingency Amount (\$27,000.00) for the Ann Arbor Landfill Monitoring and Maintenance Program

Notes:

Sponsors:

Enactment Date: 07/03/2017

Attachments: Tetra Tech PSA, Tetra Tech, Inc. Executed Contract.pdf

Enactment #: R-17-255

Drafter/Contact: Anne Warrow

Hearing Date:

* **Admin/Mgr:** Craig Hupy, Public Services Administrator

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	07/03/2017	Approved Yeas: 0 Nays: 0				Pass

Text of Legislative File 17-0810

Resolution to Approve a Professional Services Agreement with Tetra Tech, Inc. (\$270,511.00) and Approve a Consulting Services Contingency Amount (\$27,000.00) for the Ann Arbor Landfill Monitoring and Maintenance Program

Attached for your review and approval is a resolution to approve a Professional Services Agreement, in the amount of \$270,511.00 with Tetra Tech, Inc. for environmental consulting services for the Ann Arbor Landfill Monitoring and Maintenance Program, beginning July 1, 2017 through June 30, 2019.

Budget/Fiscal Impact

Funds have been budgeted in the Approved FY18 Operation and Maintenance budget of the Solid Waste Fund. Funding for subsequent years will also be budgeted in the annual Solid Waste Fund Operations and Maintenance budget, if so approved by City Council. In addition, this resolution also authorizes the City Administrator to approve change orders to the Professional Services Agreement with Tetra Tech, Inc. up to the total of \$297,511.00. Funding for this contingency is available in the Approved FY18 Operation and Maintenance budget of the Solid Waste Fund.

To satisfy the requirements of the Michigan Department of Environmental Quality (MDEQ), the groundwater and air in the vicinity of the Ann Arbor Landfill (AALF) must be sampled and analyzed quarterly. The current contract with Tetra Tech, Inc. for environmental monitoring and maintenance expires on June 30, 2017.

To select the most qualified environmental consulting firm to assist the City with the monitoring and maintenance of the Ann Arbor Landfill, a request for proposals was posted to the Michigan Inter-governmental Trade Network (MITN) BidNet® website. In response to our request, nine environmental consulting firms submitted proposals to perform the work. A selection committee, comprised of City staff reviewed and selected three firms to interview. After Interviews were conducted, Tetra Tech, Inc. was selected as the most qualified consulting firm based on their previous work experience, their proposed work plan, their competitive fee schedule and their interview.

A brief overview of the major tasks to be completed by Tetra Tech, Inc., as part of this contract is summarized below:

Groundwater Monitoring - Groundwater monitoring consists of the collection of static groundwater elevations and groundwater samples from groundwater monitoring wells specific to individual contaminant plumes, i.e., 1,4-dioxane and vinyl chloride at the AALF, in accordance with the MDEQ approved Hydrogeological Monitoring Plan. In addition, the further delineation of 1,4-dioxane will be completed as requested by the MDEQ.

Landfill Gas Monitoring - The current landfill gas monitoring network adequately monitors landfill gasses at the perimeter of the AALF. This network is to be monitored on a

quarterly basis.

Wastewater Discharge Monitoring - Monthly discharge readings and quarterly samples will be collected from purge wells and leachate outfall. Quarterly reports will be prepared and submitted to the City of Ann Arbor Wastewater Treatment Plant.

Landfill Systems Maintenance Activities - In addition to the periodic sampling, the purge wells, observation wells, monitoring wells and methane detection system wells associated with the AALF require periodic maintenance. During the course of on-site activities, monitoring system maintenance needs will need to be identified and coordination of their repair will be required.

The agreement includes an option to approve a two-year extension with the same terms and conditions if deemed in the best interest of the City and if funding is available. Tetra Tech, Inc. is in compliance with the requirements of the City's Non-Discrimination and Living Wage ordinances.

Prepared by: Nick Hutchinson, P.E., City Engineer
Reviewed by: Craig Hupy, Public Services Area Administrator
Approved by: Howard S. Lazarus, City Administrator

Whereas, It is necessary to perform groundwater and gas monitoring at the Ann Arbor Landfill and prepare groundwater and gas monitoring reports required by the Michigan Department of Environmental Quality;

Whereas, It is necessary to perform quarterly sampling of the leachate manholes and purge wells at the Ann Arbor Landfill and prepare quarterly reports required by the Ann Arbor Wastewater Treatment Plant;

Whereas, Adequate funds to cover the cost of this agreement have been included in the Approved FY18 Operation and Maintenance budget of the Solid Waste Fund;

Whereas, It is necessary to retain the services of a professional engineering firm to assist the City with the routine sampling, gas monitoring, report preparation, and overall landfill system maintenance at the Ann Arbor Landfill;

Whereas, Tetra Tech, Inc. has demonstrated the required experience, qualified professionals, and competitive fee schedule for the required services; and

Whereas, Tetra Tech, Inc. is in compliance with the requirements of the City's Non-Discrimination and Living Wage ordinances.

RESOLVED, That City Council approves a professional services agreement with Tetra Tech, Inc. in the amount of \$270,511.00 for the environmental consulting services for the Ann Arbor Landfill Monitoring and Maintenance Program;

RESOLVED, That City Council approves a contingency of \$27,000.00 to finance change orders to be approved by the City Administrator;

RESOLVED, That the City Administrator be authorized to renew the agreement for a two-year period with the same terms provided both parties agree to an extension and subject to the availability of funding;

RESOLVED, That the Mayor and City Clerk be authorized and directed to execute said professional services agreement, after approval as to form by the City Attorney, and approval as to substance by the City Administrator; and

RESOLVED, That City Council authorizes the City Administrator to take necessary administrative actions to implement this resolution.

