

**RESOLUTION NO. 2016-54**

**WHEREAS**, the Township Council of the Township of Aberdeen is in need of professional engineering environmental services associated with 158 Jersey Avenue Water Treatment Plant; and

**WHEREAS**, Michael McClelland, CME Associates submitted a proposal on October 21, 2015 for aforementioned engineering services.

**NOW, THEREFORE, BE IT RESOLVED** by the Township Council of the Township of Aberdeen that the Mayor And Clerk are authorized to execute an agreement with CME Associates for a cost not to exceed the sum of \$17,050.00, in accordance with a proposal dated October 21, 2015, attached hereto and made part of this resolution.

This agreement is made without competitive bidding as a “professional service” under the provisions of the Local Public Contracts Law, N.J.S.A. 40A:11-5(1)a(I).

**BE IT FURTHER RESOLVED** that this resolution is subject to the Township Manager’s certification of availability of Township of Aberdeen funds.



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TREVOR J. TAYLOR, PE, PP, CME  
BEHRAM TURAN, PE, LSRP

October 21, 2015

Ms. Holly Reycraft, Township Manager  
Township of Aberdeen  
One Aberdeen Square  
Aberdeen, New Jersey 07747

**Re: Proposal – Environmental Services**  
**158 Jersey Avenue Water Treatment Plant**  
**NJDEP PI: 003615**  
**Our File No.: PAB00410.02**

Dear Ms. Reycraft:

As requested, CME Associates, through its Environmental Division, Icon Engineering, has prepared the following proposal for environmental services for the above referenced property in the Township of Aberdeen. This proposal relates to additional environmental services necessary to address the findings of the previous Site Investigation Report of September 2013 (previously transmitted under separate correspondence). Further, be advised that an additional investigation to evaluate soil contamination in accordance with New Jersey Department of Environmental Protection (NJDEP) Technical Requirements is required.

### **Background**

The site is located at 158 Jersey Avenue and is a former potable water treatment plant (NJDEP PI No. 003615). Two (2) UST systems at the site were closed in 1998, including a 1,300-gallon No. 2 fuel oil tank and a 3,000-gallon caustic soda tank. The fuel oil tank was removed and the caustic tank was abandoned in place. In April 2013, Aberdeen Township retained Behram Turan, P.E., LSRP of CME Associates as the Licensed Site Remediation Professional (LSRP) to oversee the remaining remedial activities in accordance with the Administrative Requirements for the Remediation of Contaminated Sites (NJAC 7:26C). CME Associates (CME) prepared a Site Investigation Report (September 2013) to document the tank closure activities and the post-closure soil sampling. The SIR includes recommendations for further investigation to evaluate soil contamination in accordance with the Technical Requirements for Site Remediation (NJAC 7:26E) and current NJDEP guidance.

### **Scope of Services**

A remedial investigation is proposed in accordance with the Technical Requirements for Site Remediation (NJAC 7:26E) and applicable NJDEP guidance. The objective of the investigation is to evaluate the extent of contamination in each area of concern and collect the information needed to assess remedial options that are consistent with the regulatory requirements and the site use.



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#### Task 1: Annual Remediation Fee

The 2013 Annual Remediation Fee was paid April 2013. This cost proposal includes submission of the NJDEP Annual Remediation Fee for 2014. On behalf of the Township, CME will file the fee form electronically and submit the required fee. The fee is estimated at \$900 based on fee category 2 (2 to 10 AOCs) and assuming no contaminated media fees.

#### Task 2: Field Investigations

CME proposes sampling in the areas of the former 1,300-gallon No. 2 Fuel Oil UST and the abandoned 3,000-gallon Caustic Soda UST to comply with current regulations and NJDEP guidance.

- A Geoprobe operator will be retained to perform direct-push soil borings as directed in the field by a CME representative. It is anticipated that up to 12 borings will be performed.
- In the area of the former 1,300-gallon No. 2 Fuel Oil UST, 5 discrete soil samples will be collected for analysis of Extracted Petroleum Hydrocarbons (EPH) with contingency analyses for naphthalene and 2-methyl-naphthalene. Soils will be screened for indications of contamination both visually and with a calibrated photo-ionization detector (PID).
- In the area of the abandoned 3,000-gallon Caustic Soda UST, 12 discrete soil samples will be collected for analysis of pH. Soils will also be screened in the field using a pH meter. Samples for laboratory analysis will be selected based on the field pH measurements to evaluate the existing contamination and determine clean limits.
- One temporary well point will be installed in the area of the abandoned 3,000-gallon Caustic Soda UST, if groundwater is encountered within 20 feet bgs. One groundwater sample will be collected and screened in the field for pH using an appropriate water quality meter.

Sampling will be performed in compliance with the NJDEP Field Sampling Procedures Manual (August 2005). Soil samples will be collected using direct-push Geoprobe boring equipment. All samples will be delivered to a State certified laboratory with proper chain-of-custody and analyzed for the target parameters using EPA approved methods. Standard laboratory turnaround times for preliminary results are assumed, unless otherwise stated. Sample locations will be recorded using handheld GPS equipment.

#### Task 3: Remedial Investigation Report

A Remedial Investigation Report will be prepared in accordance with the Technical Requirements for Site Remediation (NJAC 7:26E-4.9). The report will include a technical overview of the soil sampling, sample location plans, analytical summary tables, laboratory reports, and electronic data deliverables. The report will present findings and recommendations with regard to additional investigation where appropriate.



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#### Task 4: Receptor Evaluation

An Initial Receptor Evaluation was submitted to the NJDEP in April 2013. Based on the remedial investigation results, the receptor evaluation will be updated in accordance with NJAC 7:26E-1.12 et seq.

#### **Budget**

The budget for completion of the proposed scope of work is estimated at **\$17,050**.

The above costs include an estimated **\$4,150** for subcontracted work (Geoprobe, rental equipment, and laboratory), and **\$900** in direct costs (annual remediation fee).

#### **Limitations**

The scope of services is limited to the tasks outlined above. Additional investigation and/or remediation required to comply with the Administrative Requirements for the Remediation of Contaminated Sites (ARRCS; N.J.A.C. 7:26C) and the Technical Requirements for Site Remediation (NJAC 7:26E) is not included in this proposal. If additional investigation and/or remediation are required to comply with applicable regulations, a separate cost proposal will be submitted for consideration.

#### **SPECIAL CONDITIONS FOR LSRP SERVICES**

- The enactment of the Site Remediation Reform Act (SRRA; N.J.S.A. 58:10C-1 et seq) on May 7, 2009, and the adoption of the Administrative Requirements for the Remediation of Contaminated Sites (ARRCS; N.J.A.C. 7:26C) on November 4, 2009 require that all new remediation cases follow the provisions of SRRA. A key requirement of these rules is that a Licensed Site Remediation Professional (LSRP) must oversee all new remediation cases.
- The ARRCS requires the person responsible for conducting a remediation to notify the NJDEP of any confirmed discharges of contaminants or condition of Immediate Environmental Concern ("IEC"). Please note that being an LSRP, as a State licensed professional, I will thus have the obligation to report any such conditions to the NJDEP without obtaining any prior approval from the client.
- LSRP will provide the required services in accordance with SRRA and has the obligation to submit, maintain and preserve the relevant documents.
- LSRP is not responsible for client's failure to disclose relevant information, perform SRRA obligations, fund remediation, and follow LSRP's recommended actions. Client's failure to perform these obligations may result in fines/penalties by the NJDEP.
- The issuance of RAO by LSRP is not a guarantee or warranty that the site is free of contamination, or that it will be accepted by the NJDEP.



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- NJDEP may audit the RAO within three (3) years after the date the LSRP filed the RAO with the NJDEP. LSRP is not responsible for additional requirements imposed by NJDEP after review/audit, except to the extent they arise out of LSRP's negligence.

**Scheduling**

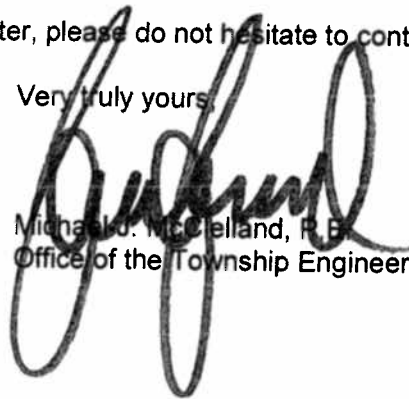
Work on the project will begin immediately following authorization. The documents will be forwarded to the Township for signing and notarization; CME will then submit to the NJDEP.

Your return of a signed copy of this proposal indicating your acceptance to the terms and conditions presented herein will represent your authorization for us to proceed.

CME Associates takes great pride in our commitment to personal service and our ability to successfully address our clients' interests. We look forward to working with the Township of Aberdeen and its staff on this project. We trust the information as contained herein addresses your requirements.

Should you have any questions regarding this matter, please do not hesitate to contact this office.

Very truly yours,



Michael D. McClelland, R.E.  
Office of the Township Engineer

MM/BT/aa

cc: Robert Brady  
Behram Turan

ACCEPTED: \_\_\_\_\_

THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2015

ATTESTED BY: \_\_\_\_\_

THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2015