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May 7, 2018

Transmitted via Email (jedwards@brickschools.org)

Mr. James Edwards, Business Administrator
Brick Township Board of Education
101 Hendrickson Avenue
Brick, New Jersey 08724

Re: Scope of Work and Projected Cost
Brick Township Memorial High School
2001 Lanes Mill Road (Block 1211, Lot 2)
Brick Township, Ocean County, New Jersey
Brinkerhoff Project No. 13BR106

Dear Mr. Edwards:

Brinkerhoff Environmental Services, Inc. (Brinkerhoff) has prepared the following Scope of Work (SOW) for environmental services associated with the above-referenced site. The SOW presented herein will be conducted in accordance with the New Jersey Department of Environmental Protection (NJDEP) *Administrative Requirements for the Remediation of Contaminated Sites*, N.J.A.C. 7:26C, (ARRCS), Site Remediation Reform Act (SRRA), N.J.S.A. 58:10C-1 *et seq.*, *Technical Requirements for Site Remediation*, N.J.A.C. 7:26E, (*Technical Requirements*), and applicable guidance documents. The NJDEP developed the Licensed Site Remediation Professional (LSRP) program which allows for a licensed individual to oversee and direct investigation and remediation of a contaminated site. The proposed work will be conducted under the oversight of a Brinkerhoff LSRP.

BACKGROUND REVIEW

A summary letter dated May 7, 2018 outlined the results and recommendations of a file review of the Brick Township Memorial High School site. Brinkerhoff recommended the following:

- A soil investigation in the direct vicinity of the removed 8,000-gallon No.2 Fuel Oil Underground Storage Tank (UST) (Tank No. B10); the 1,000-gallon No.2 Fuel Oil UST (Tank No. B11) and 250-gallon Waste Oil UST (Tank No. T0004) is proposed. Soil samples taken at either the supposed invert depth of the previous tank or the depth of the highest contamination;

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May 7, 2018
Page 2 of 6

- A soil investigation to collect backfill samples for analysis at the locations of the former USTs to properly characterize the placed backfill material; and
- Submit an updated NJDEP UST Facility Questionnaire to the NJDEP to update their UST database.

SCOPE OF WORK

Task 1 - Updated UST Facility Certification Questionnaire

Brinkerhoff will update and submit the UST Facility Certification Questionnaire to remove Tank No. 0052 from the registration. This UST is a duplicate UST registration of Tank No. B9 or B10, since there is no record of three (3) 8,000-gallon USTs being present onsite.

Task 2 - Soil Investigation

In order to properly characterize the backfill material used as clean fill, a sample will be collected at each UST excavation for a total of four (4) samples. The samples collected will be analyzed for Extractable Petroleum Hydrocarbons (EPH) and full Target Compound List (TCL) and Target Analyte List (TAL) analysis.

Soil investigations in the direct vicinity of the removed 8,000-gallon No.2 Fuel Oil UST (Tank No. B10); the 1,000-gallon No.2 Fuel Oil UST (Tank No. B11) and 250-gallon Waste Oil UST (Tank No. T0004) will be completed. Soil samples taken at either the supposed invert depth of the previous tank or the depth of the highest contamination. Five (5) samples will be collected from the 8,000-gallon No.2 Fuel Oil UST, three (3) samples will be collected from the 1,000-gallon No.2 Fuel Oil UST and one (1) sample will be collected from the 250-gallon Waste Oil UST. The samples collected will be analyzed for EPH with the proper contingency analysis.

To collect the proper samples, Brinkerhoff will direct the installation of soil borings utilizing a Geoprobe drill rig by a licensed well driller. The soil borings will be installed using direct-push drilling techniques throughout the former excavations. Soil from each boring location will be logged and will be observed for indicators such as odors and/or staining.

Task 3 - Remedial Investigation Report

Upon confirmation of the completion of the Remedial Investigation activities, Brinkerhoff will prepare a Remedial Investigation Report (RIR) encompassing the soil sample data collected to date. The RIR will document the remedial activities in accordance with the NJDEP's *Technical*

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May 7, 2018
Page 3 of 6

Requirements. Once completed, the RIR will be submitted to the NJDEP as a “Key Document” to satisfy the NJDEP reporting requirements under the SRRA.

LSRP services will include preparation of NJDEP Site Remediation Program (SRP) specific forms and documents. Specifically, the following items are anticipated for this task:

- Case Inventory Document (CID)
- Cover/Certification Form
- Updated Receptor Evaluation Form (RE)
- Remedial Investigation (RI) Form

In accordance with the NJDEP requirements under the *Technical Requirements*, updated forms and supporting documentation will be submitted for the subject site. The CID and other SRP forms are required with each Key Document submittal to the NJDEP.

Task 4 - Response Action Outcome

Upon finalization and online submittal of the RAR to the NJDEP, Brinkerhoff will prepare an Area of Concern (AOC) specific Unrestricted Use Response Action Outcome (RAO) for the site. LSRP services will include preparation of NJDEP SRP program-specific forms and documents. Specifically, the following items are anticipated for this task:

- Updated CID
- Cover/Certification Form
- RAO Form
- RAO Shell Document

PROJECTED COST

The following are the projected costs to complete the SOW as outlined.

Task 1 - Updated UST Facility Certification Questionnaire

Submit Updated UST Facility Certification Questionnaire \$ 800

Task 2 - Soil Investigation

LSRP Oversight, 8 hours at \$185/hour \$ 1,480
Subsurface Evaluator/Geologist, 1 day at \$760/day 760
Field Vehicle and Sampling Equipment, 1 day at \$200/day 200

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May 7, 2018
Page 4 of 6

Drilling Subcontractor	2,500
Laboratory- Soil TAL/TCL analysis, 3 samples at \$865/sample	2,595
Laboratory- Soil EPH analysis, 12 samples at \$125/sample	1,500
Laboratory- Soil Napthalene contingency analysis, 3 samples at \$150/sample	450
Laboratory- Soil Waste oil contingency analysis, 1 sample at \$500/sample	500
Task 3 - Remedial Investigation Report	
RIR preparation	\$ 2,750
Task 4 - Response Action Outcome	
RAO preparation	\$ <u>2,000</u>
PROJECTED COST	\$ 15,535

PAYMENT TERMS

Brinkerhoff will require the signed authorization to initiate the services outlined in this proposal. Services provided will be billed using the following professional hourly rates: LSRP at \$185, Senior Project Manager at \$140, Project Manager at \$115, Subsurface Evaluator/Environmental Scientist/Geologist at \$95, CAD Operator at \$85, and Administrative/Technical Support at \$65. Subcontracted services will be billed at Cost+15%. The project will be progress billed monthly, with payment due net 30 days. A Purchase Order (PO) is also requested.

TERMS AND CONDITIONS

1. This proposal includes only those services specifically described herein. Subsequent investigation or remediation costs, including additional LSRP services, will be estimated based upon the findings of this investigation and may be provided as a separate proposal(s).
2. Subcontracted services will be invoiced at cost plus 15%.
3. Access to the site and sampling locations will be the responsibility of the Client.
4. Brinkerhoff will perform work in a professional and business-like manner in accordance with standard industry practice. With respect to environmental contamination, responsibility for compliance with government rules and regulations ultimately rests with the property owner and/or responsible party, as applicable.
5. Fees to any governmental agencies have not been included in this proposal. If applicable, fees are the responsibility of the Client.

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Brinkerhoff Project No. 13BR106

May 7, 2018
Page 5 of 6

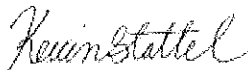
6. Issuance of an RAO in this proposal assumes that all samples collected will be below NJDEP regulatory limits.
7. When applicable, the RAO can only be prepared if it can be documented that the requirements of the NJDEP's the Technical Requirements for Site Remediation, N.J.A.C. 7:26E, have be satisfied.
8. When applicable, Client acknowledges that an RAO is subject to a three (3) year NJDEP audit, during which time the NJDEP may audit, modify or rescind the RAO. If the RAO is re-opened, invalidated, audited, modified or rescinded by the NJDEP, the Client acknowledges that the responsibility and legal obligation to take additional measures to investigate, remediate or otherwise address any NJDEP comments or concerns with the RAO remains with the Client.

If the SOW, Projected Cost and Terms and Conditions presented herein is acceptable, please sign below, and return an executed copy of this agreement to our office, thereby indicating your approval of the SOW and your authorization to proceed.

If you have questions, please feel free to contact us at 732-223-2225.

Respectfully submitted,

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.



Kevin Stattel, LSRP
Sr. Project Manager

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May 7, 2018
Page 6 of 6

AUTHORIZATION TO PROCEED

Printed Name

Signature

Date