



February 1, 2022

City of Crossville  
Engineering Department  
392 N Main Street  
Crossville, Tennessee 38555

ATTENTION: Mr. Don Cole  
[don.cole@crossvilletn.gov](mailto:don.cole@crossvilletn.gov)

Subject: **PROPOSAL FOR GEOTECHNICAL EXPLORATION**  
**Interchange Business Park Site**  
Crossville, Tennessee  
GEOservices Proposal No. 11-22080

Dear Mr. Cole:

GEOservices, LLC is pleased to provide you with our proposal for geotechnical services for the subject project. This proposal provides our understanding of the scope of services to be performed, an estimate of fees, proposed schedule, and establishes contractual agreements. Our Agreement for Services is attached to this proposal and is incorporated as a part of this proposal.

#### **PROJECT INFORMATION**

Project information was provided in email correspondence with you dating from January 27, 2022. Included with the email were topographic drawings of the site and a "Report of Geotechnical Exploration", prepared by GEOservices, dated March 6, 2017 performed at the site.

We understand the City of Crossville is in the process of obtaining Select Tennessee Site Certification for an approximately 20-acre parcel located north of Interchange Drive in the Interchange Business Park in Crossville, Tennessee. GEOservices performed the referenced initial exploration of the site in 2017. Since that time, we understand that the site has been graded and covered with crushed aggregate to provide a pad ready building site.

Based on our review of the provided topographic drawings, it appears maximum earthwork cuts and fills of about 12 feet were required to form the relatively level building pad. The graded pad presently exists at an elevation of 1,794 feet Mean Sea Level (MSL) to 1,798 feet MSL.

Since the project is in the predevelopment phase, detailed information regarding structural types, locations, or finished grades is not yet available. For the purposes of our proposal, we have assumed potential structural types will generally consist of warehouse/light industrial, steel-framed buildings with CMU or composite walls supported using shallow foundations and concrete slabs-on-grade. The maximum anticipated individual column and continuous wall foundation loads for structures of this type are expected to be on the order of 200 kips and 5 kips per linear foot, respectively.

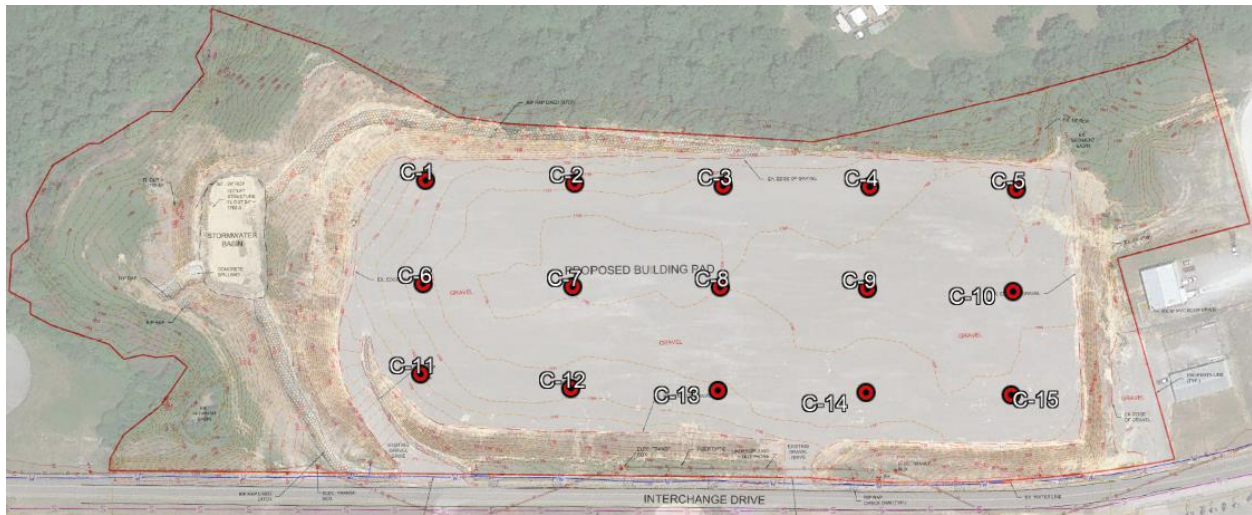
The purpose of the geotechnical exploration is to explore subsurface conditions and provide geotechnical recommendations for future warehouse or industrial type structures. Since the project is still in the predevelopment phase and detailed information regarding structural types, location and finished grades is not yet known, additional geotechnical exploration may be required once the project plans have been further developed. The assessment of site environmental conditions for the presence of pollutants in the soil, rock, or ground water of the site is beyond the proposed scope of this exploration.

## **GEOTECHNICAL SERVICES**

We propose to explore the site subsurface conditions by drilling 15 soil test borings. Figure 1 shows the approximate proposed boring locations. The borings will be drilled to the underlying weathered rock or auger refusal, which we assume will be encountered at depths of 5 to 20 feet below the existing ground surface. This number and depth of boring will result in a project total of 220 linear feet of soil test borings.

Standard Penetration Tests (SPT) will be performed in the borings on 2½ foot intervals in the upper 10 feet and at 5 foot intervals thereafter. Rock coring, to explore auger refusal materials, is not included in our scope of services. The borings will be backfilled with soil cuttings prior to leaving the site.

Figure 1 – Approximate Proposed Boring Locations



The soil samples will be returned to our laboratory where they will be reviewed by a geotechnical engineer or staff professional to visually classify the soils and to select representative samples for testing. Laboratory testing of selected soil samples may include natural moisture content, grain size (Wash #200) and Atterberg limits tests.

Our services will culminate with a written report prepared by a geotechnical engineer or project staff professional under the review of a senior engineer licensed in Tennessee. The report will provide a summary of the subsurface conditions encountered in the test borings and present geotechnical recommendations for design and construction of the foundation system. The report will include:

- Figures showing the site location and approximate boring locations.
- The laboratory test results.
- The graphical boring logs showing vertical sections, including the boring number and the visual-manual soil classification according to the Unified Soil Classification System identified with the appropriate letter symbol for each soil type.
- A description of the existing site surface conditions and summary of the subsurface conditions encountered in the borings.
- A discussion of the site geology and karst potential.
- The soil nature and origin, including changes resulting from man's activities and stream erosion/deposition.
- Recommendations for soil related construction including site preparation, fill construction, and ground water control.
- Earthwork construction criteria, including the suitability of the site soils for reuse as fill, subgrade support conditions, stabilization recommendations, and fill compaction criteria.

- Unsatisfactory soil conditions and recommended remedial measures.
- A discussion of anticipated difficult excavation.
- Recommendations for the design and construction of shallow foundations.
- Recommendations for the design and construction of concrete slabs-on-grade, including subgrade modulus and subgrade material.
- Recommended lateral earth pressures for the design of below grade walls.
- Recommended seismic design parameters from the 2018 International Building Code (IBC) including: 1) site class definition based on the SPT N-values; 2) spectral accelerations for short periods, 0.2 seconds, SS and for 1-second periods, S1; and 3) the five-percent damped design spectral response acceleration at short periods, SDS, and at 1 second periods, SD1.
- Recommended flexible and rigid pavement thicknesses.
- A discussion of additional geotechnical exploration to be performed, if required, once the project plans have been further developed.

## **FEES**

Based on the scope of services described above, the lump sum fee to perform the geotechnical exploration will be **\$7,500**. Should conditions be encountered such that additional services appear to be in the best interest of the project, we would contact you with our recommendations prior to proceeding with services beyond the scope of this proposal. If required by subsurface conditions, additional soil test borings can be performed for \$18 per linear foot.

## **PROJECT SCHEDULE**

Based on our current schedule, we are prepared to initiate our geotechnical services upon receipt of your written authorization to proceed. Per Tennessee law, a three-day utility clearance period is required before any excavation can begin. Upon your authorization, we will contact Tennessee 811 service for utility clearance. TN 811 will provide location of public utilities; any private utility location will be the responsibility of the owner. We anticipate that the field exploration can be completed within about three to four weeks of authorization. The written report will be submitted approximately two weeks after completion of the field exploration.

## CONTRACTUAL AGREEMENTS

GEOServices Agreement for Services is attached and is incorporated as a part of this proposal. Please indicate your acceptance of our proposal by signing and returning one copy to our office. A facsimile transmittal of the signature page of the contract will be considered suitable written authorization. However, GEOServices will issue the final report only after the receipt of a signed copy of this contract.

If this proposal is transmitted to you via email, and/or if you chose to accept this proposal by email, your reply email acceptance will serve as your representation to GEOServices that you have reviewed the proposal and the associated Agreement for Services and hereby accept both as written.

## CLOSING

Again, thank you for the opportunity to be of service to you on this project. If you should have any questions, or need any further information, please do not hesitate to contact us.

Sincerely,  
**GEOServices, LLC**



Matthew B. Haston, P.E.  
Senior Geotechnical Engineer



T. Brian Williamson, P.E.  
Geotechnical Department Manager

Attachments: Agreement for Services



# AGREEMENT FOR SERVICES

Date:

**GEOservices, LLC**  
(hereafter Consultant)

Client Name:  
(hereafter Client)

Address: **2561 Willow Point Way**  
City: **Knoxville**  
State: **Tennessee** Zip: **37931**

Address:  
City:  
State: Zip:

Telephone: **865-539- 8242**  
Fax: **865-539- 8252**

Telephone:

Email: **rkingery@geoservicesllc.com**

Fax:

Email:

## PROJECT INFORMATION

Project Name:

Project Location:

## SERVICES TO BE RENDERED

Proposal Number: Dated: is incorporated into this Agreement For Services. This Agreement For Services is incorporated into the above Proposal.

**WITNESSETH: WHEREAS**, Client desires to contract with Consultant to furnish Services to Client's project identified above.

**WHEREAS**, Consultant is engaged in the business of providing Services and related labor, materials, and equipment. (Herein individually and collectively referred to as Services.)

**NOW, THEREFORE**, in consideration of the Mutual Covenants and Promises included herein, Client and Consultant agree as follows:

1. **OFFER ACCEPTANCE:** Client hereby accepts Consultant's offer to provide Services as described in Consultant's proposal for Services referenced under "SERVICES TO BE RENDERED" and agrees that such Services and any additional Services authorized by Client shall be governed by this Agreement. **If Client requests Consultant to start performing Services prior to receipt of this Agreement, Client agrees that Consultant's beginning of performance is based on reliance that Client will accept and execute this Agreement for Services. If Client requests Consultant to start performing Services prior to the execution of this Agreement For Services by the Client, then such request is an acceptance of this Agreement for Services to the same extent as if Client had executed this Agreement.** Should Client choose to accept this Agreement for Services through the use of a Purchase Order, all preprinted terms and conditions on Client's purchase order are inapplicable to this Agreement as this Agreement is for Services that are not compatible with purchase order agreements. Unless this offer is previously accepted, it will be withdrawn automatically at 5:00 pm EST, ninety (90) days from the date of issue.

2. **CONTRACT DOCUMENTS:** "Contract Documents" shall mean this document as well as the proposal listed under "SERVICES TO BE RENDERED" each of which is incorporated into the other.

3. **PAYMENT:** Client will pay Consultant for Services and expenses in accordance with the Contract Documents. If prices for Services are not established under SERVICES TO BE RENDERED, then the current fee schedule in effect for the location providing the Services shall be used as the amount to be paid by Client for Services provided. Consultant will submit progress invoices to Client monthly and a final invoice upon completion of its Services. Payment is due upon receipt of the invoice unless otherwise agreed to in writing prior to the submittal of the invoice. Invoices are past due 30 calendar days after the date of the invoice. Past due amounts are subject to a late payment fee of one and one-half percent per month (18 percent per annum) or the highest amount allowed by applicable law on the outstanding balance, whichever is less. Attorney's fees and other costs incurred in collecting past due amounts shall be paid by Client. The Client's obligation to pay under this Agreement is in no way dependent upon the Client's ability to obtain financing, payment from third parties, approval of governmental or regulatory agencies, or upon the Client's successful completion of the Project. Consultant shall be paid in full for all Services rendered under this Agreement, including any additional Services authorized by Client in excess of those stated in this Agreement. Without incurring any liability to the Client, Consultant may either suspend or terminate this Agreement if Client fails to pay any undisputed invoice amounts within 60 calendar days of the invoice date, or if Client states its

intention not to pay forthcoming invoices. Such suspension or termination will not waive any other claim Consultant may have against Client. Following such suspension or termination, Consultant may resume work by mutual agreement with Client after payment by Client of all outstanding invoiced amounts and collection expenses. In case of such suspension or termination, Client waives all claims for damages or delay as a result of such suspension or termination.

Any invoices that are not paid within thirty (30) calendar days of Client's receipt of letter from Consultant demanding payment of the invoices or a collection action notification by an attorney or collection agency shall constitute a release of Consultant by Client from any all claims whatsoever, including, but not limited to, tort or contractual claims which Client may have against Consultant for Services performed under said invoice(s).

**4. STANDARD OF CARE:** Consultant and its agents, employees and subcontractors shall endeavor to perform Services for Client using that degree of care and skill ordinarily exercised, under similar circumstances, by others ordinarily providing Services in the same or similar locality as the project at the time Services are provided. In the event any portion of the Services fails to substantially comply with this standard of care obligation and Consultant is promptly notified in writing prior to one year after completion of such portion of the Services, Consultant will re-perform such portion of the Services, or if re-performance is impractical, Consultant will refund the amount of compensation paid to Consultant for such portion of the Services. **THE REMEDIES SET FORTH HEREIN ARE EXCLUSIVE.** This **STANDARD OF CARE** is in lieu of all other warranties and standards of care. No other warranty or standard of care, expressed or implied, is made or intended by this Agreement, or by the proposal, by oral communications, or by any representations made regarding the Services included in this Agreement.

**5. LIMITATION OF LIABILITY:** CONSULTANT AND CLIENT MUTUALLY AGREE THAT THE SERVICES PROVIDED PURSUANT TO THIS AGREEMENT INVOLVE RISKS OF LIABILITY WHICH CANNOT BE ADEQUATELY COMPENSATED FOR BY THE PAYMENTS CLIENT WILL MAKE UNDER THIS AGREEMENT. THEREFORE, THE TOTAL CUMULATIVE LIABILITY OF CONSULTANT, ITS AGENTS, EMPLOYEES, AND SUBCONTRACTORS WHETHER IN CONTRACT, TORT INCLUDING NEGLIGENCE (WHETHER SOLE OR CONCURRENT), PROFESSIONAL ERRORS OR OMISSIONS, BREACH OF WARRANTY (EXPRESS OR IMPLIED), NEGLIGENT MISREPRESENTATION, AND STRICT LIABILITY, OR OTHERWISE ARISING OUT OF, CONNECTED WITH, OR RESULTING FROM THE SERVICES PROVIDED PURSUANT TO THIS AGREEMENT SHALL NOT EXCEED THE TOTAL FEES PAID BY CLIENT OR FIFTY THOUSAND DOLLARS, WHICHEVER IS GREATER. CLIENT AGREES THAT PAYMENT OF THE LIMIT OF LIABILITY AMOUNT IS THE SOLE REMEDY TO THE EXCLUSION OF ALL OTHER REMEDIES AVAILABLE FOR THE TOTAL CUMULATIVE LIABILITY OF CONSULTANT, ITS AGENTS, EMPLOYEES, AND SUBCONTRACTORS ARISING OUT OF, CONNECTED WITH OR RESULTING FROM THE SERVICES PROVIDED PURSUANT TO THIS AGREEMENT. AT ADDITIONAL COST, CLIENT MAY OBTAIN A HIGHER LIMIT OF LIABILITY PRIOR TO COMMENCEMENT OF SERVICES. THE ADDITIONAL COST IS COMPENSATION TO CONSULTANT FOR INCREASING THE CONSULTANT'S LIMIT OF LIABILITY. THE ADDITIONAL COST IS NOT AN INSURANCE COST. THE HIGHER LIMIT OF LIABILITY APPLIES ONLY IF MUTUALLY AGREED TO IN WRITING BY CONSULTANT AND CLIENT AT THE TIME CLIENT ACCEPTS THIS AGREEMENT FOR SERVICES AND THE ADDITIONAL COST PAID WITHIN SEVEN DAYS OF THE DATE OF THE MUTUAL AGREEMENT TO INCREASE THE LIMIT OF LIABILITY.

**6. DISCLAIMER OF CONSEQUENTIAL DAMAGES:** In no event shall Consultant or Client be liable to the other for any special, indirect, incidental or consequential loss or damages, including, but not limited to, lost profits and loss of use rising from or related to Services provided by Consultant.

**7. REPORTS:** In connection with the performance of the Services, Consultant shall deliver to Client one or more reports or other written documents reflecting Services provided and the results of such Services. All reports and written documents delivered to Client are instruments reflecting the Services provided by Consultant pursuant to this Agreement and are made available for Client's use subject to the limitations of this Agreement. Instruments of Service provided by Consultant to Client pursuant to this Agreement are provided for the exclusive use of Client, and Client's agents and employees for the Project and are not to be used or relied upon by third parties or in connection with other projects. Subject to the authorized use of Client, and Client's agents, and employees, all Instruments of Service, other written documents, all original data gathered by Consultant and work papers produced by Consultant in the performance of or intrinsic to the Services included in the Services are, and shall remain, the sole and exclusive property of Consultant. Unless a shorter period is stated in the Instrument of Service, all Instruments of Service provided pursuant to this Agreement will be valid for a period of three years from the date of this Agreement after which the Instruments of Service are void and can no longer be used or relied upon by anyone for any purpose whatsoever. The period for which an Instrument of Service is valid may be extended by mutual written consent of the Consultant and Client.

Documents that may be relied upon by Client are limited to the printed copies (also known as hardcopies) that are signed or sealed by Consultant. Files in electronic media format of text, data, graphics or of other types that are furnished by Consultant to Client are only for the convenience of Consultant and Client. Any conclusion or information obtained or derived from such electronic files will be at the Client's or other user's sole risk. Data stored in electronic format can deteriorate or be modified inadvertently or otherwise. Consultant shall not be responsible to maintain documents stored in electronic media.

Consultant shall not be responsible for any alterations, modifications, or additions made in the electronic data by the Client or any reuse of the electronic data by the Client or any other party for this project or any other project without Consultant's written consent. Client shall indemnify, and hold Consultant harmless against any claims, damages or losses arising out the reuse of the electronic data without Consultant's consent or arising out of alterations, modifications, or additions to the electronic data made by anyone other than Consultant.

Any Instruments of Service, including reports, generated as part of this Agreement are intended solely for use by Client and shall not be provided to any other person or entity without Consultant's written authorization. To the fullest extent permitted by law, Client shall indemnify and hold harmless Consultant from and against any action or claim brought by any person or entity claiming to rely on the information or opinions contained in the Instrument of Service without Consultant's written authorization.

8. **SAFETY:** Consultant specifically disclaims any authority or responsibility for general job safety and for the safety of persons who are not employed by Consultant. Should Client, or third parties, be conducting activities on the Site, then each shall have responsibility for their own safety and compliance with applicable safety requirements. Field Personnel: The presence of Consultant's field personnel, either full-time or part-time, may be for the purpose of providing project administration, assessment, observation or field testing of specific aspects of the project as authorized by Client. Should Client retain the Services of a Contractor(s) for the project, Consultant is not responsible in any way whatsoever for the supervision or direction of the work of the Contractor(s), its' employees or agents. The presence of Consultant's field personnel for project administration, assessment, observation or testing shall not relieve the Contractor(s) of his responsibility for performing work in accordance with the project plans and specifications. If a Contractor (not a subcontractor of Consultant) is involved in the project, Client agrees, in accordance with generally accepted construction practices, that the Contractor will be solely responsible for working conditions on the jobsite, including safety of all persons and property during performance of the work, and compliance with OSHA regulations. These requirements will apply continuously and will not be limited to normal working hours. It is agreed that Consultant will not be responsible for job or jobsite safety on the project, other than for Consultant's employees and subcontractors, and that Consultant does not have the duty or right to stop the work of the Contractor.

9. **CONFIDENTIALITY:** Subject to any obligation Consultant may have under applicable law or regulation, Consultant will endeavor to release information relating to the Services only to its employees and subcontractors in the performance of the Services, to Client's authorized representative(s) and to persons designated by the authorized representative to receive such information.

10. **SAMPLES:** Unless otherwise requested, test specimens or samples will be disposed of immediately upon completion of tests and analysis. Upon written request, Consultant will retain samples for a mutually acceptable storage charge and period of time. In the event that samples contain or may contain hazardous materials, Consultant shall, after completion of testing and at Client's expense, return such samples to Client or make samples available for disposal by Client's agent. Client recognizes and agrees that Consultant is acting as a bailee and at no time assumes title to said samples.

11. **REPRESENTATIONS OF CLIENT:** Client warrants and covenants that sufficient funds are available or will be available upon receipt of Consultant's invoice to make payment in full for the Services rendered by Consultant. Client warrants that all information provided to Consultant regarding the project and project location are complete and accurate to the best of Client's knowledge.

12. **CLIENT OBLIGATIONS:** Client agrees to furnish Consultant, its agents, employees, and subcontractors a right-of-entry and any authorizations needed for Consultant to enter onto the project site to perform the Services included in this Agreement. Consultant will take reasonable precautions to minimize damage to the Project Site from Consultant's activities and use of equipment. Client recognizes that the performance of the Services included in this Agreement may cause alteration or damage to the site. Client accepts the fact that this is inherent in the work and will not look to Consultant for reimbursement or hold Consultant liable or responsible for any such alteration or damage. Should Client not be owner of the property, then Client agrees to notify the owner of the aforementioned possibility of unavoidable alteration and damage and to indemnify and hold harmless Consultant against any claims and claims related costs including attorney's fees by the owner or persons having possession of the site through the owner which are related to such alteration or damage.

13. **UTILITIES:** Client agrees to disclose the identity of all utilities serving the Project Site and the presence and accurate location of hidden or obscure man-made objects known to Client relative to field tests or boring locations. Client agrees to indemnify and hold harmless Consultant from all claims, suits, losses, personal injuries, death, and property liability including costs and attorney's fees resulting from damage or injury to utilities or subterranean structures (pipes, tanks, etc.) arising from the performance of Consultant's Services when the existence of such are not called to Consultant's attention or the location not correctly identified in information furnished Consultant.

14. **CERTIFICATIONS:** Client agrees not to require that Consultant execute any certification with regard to work performed, tested or observed under this Agreement unless : 1) Consultant believes that it has performed sufficient work to provide a sufficient basis to issue the certification; 2) Consultant believes that the work performed, tested or observed meets the criteria of the certification; and 3) Consultant has reviewed and approved in writing the exact form of such certification prior to execution of this Agreement. Any certification by Consultant is limited to an expression of professional opinion based upon the Services performed by the Consultant, and does not constitute a warranty or guarantee, either expressed or implied.

15. **FAILURE TO FOLLOW RECOMMENDATIONS:** The Client agrees that it would be unfair to hold the Consultant liable for problems that may occur if the Consultant's recommendations are not followed. Accordingly, the Client waives any claim against the Consultant, and agrees to indemnify, and hold harmless the Consultant from any claim or liability for injury or loss that results from failure to implement the Consultant's recommendations or from implementation of the Consultant's recommendations in a manner that is not in strict accordance with them.

**16. TERMINATION:**

**For Convenience** - Upon written notice, Client or Consultant may terminate the performance of any further Services included in this Agreement if the terminating party determines termination is in the terminating party's interest. Upon dispatch or receipt of the termination notice, Consultant shall stop work on all Services included in this Agreement and deliver any Instruments of Service complete at that time to Client and Client shall pay Consultant within 30 days for all Services performed up to the dispatch or receipt of the termination notice. Upon Termination for Convenience, Consultant and Client shall have no further rights or remedies other than those included in this paragraph.

**For Cause** -In the event of material breach of this Agreement, the party not breaching the Agreement may terminate it upon 10 days written notice delivered or mailed to the other party, which notice must identify the material breach. The Agreement may not be terminated for cause if the breaching party cures the breach within ten days of receipt of the written notice. Upon Termination for Cause, Consultant shall stop work on all Services included in this Agreement and deliver any instruments of service complete at that time to Client and Client shall pay Consultant within 30



days for all Services performed up to the termination. Upon Termination for Cause, Consultant and Client shall have no further rights or remedies other than those included in this paragraph.

**17. UNFORESEEN CONDITIONS OR OCCURRENCES:** If, during the performance of service hereunder, any unforeseen hazardous substance, material, element or constituent or other unforeseen conditions or occurrences are encountered which, in Consultant's judgment significantly affects or may affect the services, the risk involved in providing the Services, or the recommended scope of Services, Consultant will notify Client thereof. Subsequent to that notification, Consultant may: (a) If practicable, in Consultant's judgment and with approval of Client, complete the original scope of Services in accordance with the procedures originally intended in the Proposal; (b) Agree with Client to modify the scope of Services and the estimate of charges to include the previously unforeseen conditions or occurrences, such revision to be in writing and signed by the parties and incorporated herein; or (c) Terminate the Services effective on the date of notification pursuant to the terms of TERMINATION FOR CONVENIENCE. Client is responsible for reporting any releases of hazardous substances to appropriate government agencies as required by law. Client waives any claim against Consultant and will indemnify and hold Consultant harmless from any claim, injury or loss arising from the discovery of unforeseen hazardous substances.

**18. FORCE MAJEURE:** Neither party shall be deemed in default of this Agreement to the extent that any delay or failure in the performance of an obligation (other than the payment of money) results from any causes beyond its reasonable control and without its fault or negligence. For this purpose, such acts or events shall include, but are not limited to, storms, floods, usually severe weather, epidemics, civil disturbances, war, riot, strikes, lockouts or other industrial disturbances, and inability within reasonable diligence to supply personnel, information or material to the project. In the event that such acts or events occur, it is agreed that both parties shall attempt to overcome all difficulties arising and to resume as soon as reasonably possible the normal pursuit and schedule of the Services covered by this Agreement. The time for performance shall be extended for a period equal to the delay.

**19. INSURANCE:** Consultant shall maintain at its own expense Professional Liability Insurance with limits of \$1,000,000. A certificate can be issued upon request identifying details and limits of coverage.

**20. INDEMNITY:** Client agrees to indemnify, and save harmless Consultant, its agents, employees, and subcontractors from and against any and all losses, liabilities, and costs and expenses of every kind (including cost of defense, investigation, settlement, and reasonable attorney's fees), which Consultant, its agents, employees, and subcontractors may incur, become responsible for, or pay out as a result of bodily injuries (including death) to any person, damage to any property, or both, to the extent caused by Client's negligence or willful misconduct. Subject to the Limitation of Liability in Article 5, Consultant agrees to indemnify, and save harmless Client from and against any and all losses, liabilities, and costs and expenses of every kind (including cost of defense, investigation, settlement, and reasonable attorney's fees) which Client may incur, become responsible for, or pay out as a result of bodily injuries (including death) to any person, damage to any property, or both, to the extent caused by Consultant's negligence or willful misconduct. Subject to the Limitation of Liability in Article 5, Client and Consultant shall, in the event of liability arising out of their joint negligence or willful misconduct indemnify and save harmless each other in proportion to their relative degree of fault.

**21. DISPUTE RESOLUTION:** Consultant may in Consultant's sole discretion pursue collection of past due invoices by litigation in a court of competent jurisdiction. Other than Consultant's collection of past due invoices, in the event of a dispute between Consultant and Client with regard to any matter arising out of or related to this Agreement, the Parties will use their best efforts to resolve the dispute amicably within fifteen (15) calendar days. If the dispute cannot be settled amicably, the Parties agree that the dispute shall be subject to mediation in accordance with the mediation rules of the American Arbitration Association or similar Dispute Resolution organization. Mediation in good faith shall be a condition precedent to the institution of legal or equitable proceedings by either party. Once a party files a request for mediation with the other party and with the American Arbitration Association, or similar Dispute Resolution organization, the parties agree to commence such mediation within thirty (30) days of the filing of the request. The costs of such mediation shall be borne equally by both parties. If the dispute is not resolved after such mediation, then the dispute shall be resolved by litigation in a court of competent jurisdiction.

**22. CAPTIONS AND HEADINGS:** The captions and headings throughout this Agreement are for convenience and reference only, and the words contained therein shall in no way be held or deemed to define, limit, describe, modify, or add to the interpretation, construction, or meaning of any provision of or scope or intent of this Agreement.

**23. SEVERABILITY:** If any provision of this Agreement, or application thereof to any person or circumstance, shall to any extent be invalid, then such provision shall be modified if possible, to fulfill the intent of the parties as reflected in the original provision, the remainder of this Agreement, or the application of such provision to persons or circumstances other than those as to which it is held invalid, shall not be affected thereby, and each provision of this Agreement shall be valid and enforced to the fullest extent permitted by law.

**24. ASSIGNMENT AND SUBCONTRACTS:** Neither party may assign this Agreement, in whole or in part, without the prior written consent of the other party, except for an assignment of proceeds for financing purposes. Consultant may subcontract for the Services of others without obtaining Client's consent if Consultant deems it necessary or desirable to have others perform Services.

**25. NO WAIVER:** No waiver by either party of any default by the other party in the performance of any provision of this Agreement shall operate as or be construed as a waiver of any future default, whether like or different in character.

**26. LAW TO APPLY:** The validity, interpretation, and performance of this Agreement shall be governed by and construed in accordance with the laws of the state in which the project is located.

CONSULTANT HEREBY ADVISES CLIENT THAT ITS PERFORMANCE OF THIS AGREEMENT IS EXPRESSLY CONDITIONED ON CLIENT'S ASSENT TO THE TERMS AND CONDITIONS DETAILED HEREIN.

**ENTIRE AGREEMENT** – This Agreement represents the entire understanding and agreement between the parties hereto relating to the Services and supersedes any and all prior negotiations, discussions, and Agreements, whether written or oral, between the parties regarding same.

TO THE EXTENT that any additional or different Provisions conflict with the Provisions of this Agreement, the Provisions of this Agreement shall govern. No amendment or modification to this Agreement or any waiver of any provisions hereof shall be effective unless in writing, signed by both parties.

**IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized representative.**

**CLIENT:**

**CONSULTANT: GEOServices, LLC**

**BY:** \_\_\_\_\_  
(Signature)

  
**BY:** \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Print Name / Title)

W. Ros Kingery III, P.E. / Vice President

**DATE:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**PROPOSAL NUMBER:**

**Faxed signature to be treated as original signature**