

## GEOTECHNICAL INVESTIGATION SERVICES

### EXHIBIT A TO CONTINUING SERVICES AGREEMENT

#### ARTICLE 1 – SERVICE PROVIDER’S BASIC SERVICES

1.1 GENERAL RESPONSIBILITIES. Service Provider accepts the relationship of trust and confidence established between it and Owner by this Agreement and covenants to use Service Provider's best professional efforts, skill, judgment, and abilities in performing the Services, and to further the interests of Owner in accordance with the usual and customary standards of Service Provider's profession and in compliance with all Applicable Law (the "*Standard of Care*"). Service Provider will allocate adequate time, personnel and resources to each Project to perform the Services as and when required, and will ensure that all documents bear the seal of the licensed professional who prepared them. With respect to each Project and in satisfaction of the foregoing, Service Provider shall:

1.1.1 Inspect the site where services are to be performed and to satisfy itself regarding all general and local conditions that may affect the cost of Service Provider's performance, to the extent that the information is reasonably obtainable.

1.1.2 Take reasonable precautions to verify the accuracy and suitability of any drawings, plans, sketches, instructions, information, requirements, procedures, requests for action, and other data supplied to Service Provider (by Owner or any other party) that Service Provider uses for the Project, and promptly alert Owner in writing of any error, omission or inconsistency in services or information, whether such services are, or information is, provided by Owner or Owner's consultant(s). Service Provider shall identify to Owner in writing any such documents or data which, in Service Provider's professional opinion, are unsuitable, improper, or inaccurate in connection with the purposes for which such documents or data are furnished. Nothing shall excuse or detract from Service Provider's responsibilities or obligations hereunder in a case where such documents or data are furnished unless Service Provider advises Owner in writing that in Service Provider's professional opinion such documents or data are unsuitable, improper, or inaccurate and Owner confirms in writing that it wishes Service Provider to proceed in accordance with the documents or data as originally given.

1.1.3 Coordinate the Services with services related to the Project provided by Owner and Owner's consultants, including any Construction Manager appointed by Owner.

1.1.4 Comply with all requirements of the then-current Campus Design Guidelines and Master Construction Specifications, all of which are located online at <http://www.uh.edu/plantops/departments/fpc/owners-design-criteria/index.php>. Any proposed deviations from the Campus Design Guidelines or Master Construction Specifications must be submitted in writing to Owner for approval. Service Provider shall not proceed with any such deviations without the prior written approval of Owner.

1.1.5 Correct, at its own cost, any Services rendered by Service Provider and/or any Consultants that do not meet the Standard of Care.

1.1.6 At the conclusion of services, and at no cost to Owner, furnish and deliver to Owner one (1) complete printed copy and one (1) electronic copy of each document made or furnished by Service Provider or its consultants in connection with the Project, which copies shall become the property of Owner.

1.1.7 At Owner's request, distribute copies of all documents for use by Service Provider and the Consultants (defined in Contract Section 2.4) to any Owner employee, agent or contractor requiring them, all at no cost to Owner.

1.2 GEOTECHNICAL INVESTIGATIONS SERVICES include exploration of soil and groundwater conditions within the project site and formulation of geotechnical design and construction recommendations, and include generally the following work tasks.

1.2.1 Drill soil borings within the project site (at depths and locations identified by the Project structural engineer) to evaluate subsurface soil and groundwater conditions.

1.2.2 Perform geotechnical laboratory tests on recovered selected soil samples to evaluate the physical and engineering properties of the strata encountered.

1.2.3 Deliver a report, signed and sealed by the professional engineer, presenting Service Provider's findings and providing geotechnical design and construction recommendations for the project, including subsurface stratigraphy and groundwater conditions; pertinent engineering soil properties; drilled pier foundation design and construction criteria; and foundation settlement estimates (the "**Report**").

1.2.4 Meet with Owner, Owner's Contact and/or any contractors employed by the Owner for the purpose of programming, design, and construction of the Project, to optimize foundation design to address project site soil and groundwater conditions.

1.3 SCHEDULE OF SERVICES. Service Provider shall prepare and submit to Owner as part of each Project Proposal a schedule for the performance of Service Provider's Services that shows the order in which Service Provider proposes to carry out Service Provider's Services (the "**Schedule**"). Once approved by Owner and incorporated as part of a Project Agreement, time limits established by the Schedule shall not be exceeded by Service Provider, except for reasonable cause, as approved by Owner in writing. If Service Provider determines that the Schedule should be adjusted at any point prior to commencement of a Project, then Service Provider shall submit to Owner a revised Schedule and an explanation of the change(s) and the reason(s) for the change(s) for Owner's prior written approval. If approved in writing by Owner, the revised Schedule shall replace the prior Schedule for all purposes under this Agreement for such Project.

## **ARTICLE 2 – DOCUMENTS**

2.1 GEOTECHNICAL INVESTIGATION REPORTS.

2.1.1 Each report must be submitted in hard and electronic versions as follows:

2.1.1.1. one (1) original, signed spiral-bound Reports printed on 8.5" x 11" paper, and

2.1.1.2. one (1) flash drive of the Report in searchable PDF format.

2.2 USE OF DOCUMENTS. Reports are deemed to be instruments of service and Service Provider shall retain ownership to such documents subject to the provisions of this Section 2.2.

2.2.1 Ownership. Upon Owner's final payment for Services performed by Service Provider with respect to a Project, the Report documents for such Project shall become the property of Owner to the extent allowed by Applicable Law.

2.2.2 Required Disclosures. Submission or distribution of any or all of the Report documents to meet official regulatory requirements or for other purposes in connection

with the Project is not publication in derogation of Service Provider's rights, and is here specifically authorized and permitted by Service Provider.

2.2.3 Inspection by Others. In the event a federal grant or other federal financing participates in the funding of a Project, Service Provider shall permit access to and grant the right to examine its books covering its Services for such Project, comply with all federal agency requirements as to work hours, overtime compensation, nondiscrimination, contingent fees, etc., and attend meetings, prepare reports and submit data for approval, as required by the agency involved.

### **ARTICLE 3 –ADDITIONAL SERVICES**

3.1 GENERAL. If authorized in writing by Owner, Service Provider shall provide any or all of the Services listed in Section 3.2 (the "***Additional Services***") in accordance with this Section 3.1. Prior to commencing any Additional Service, Service Provider shall submit to Owner an Additional Services Proposal. The Additional Services Proposal shall describe in detail (a) the nature and scope of the Additional Services, (b) the basis upon which Service Provider believes such services constitute Additional Services rather than Basic Services, (c) the maximum amount of fees and Reimbursable Expenses for Service Provider's performance of the Additional Services, and (d) a proposed schedule for performance of the Additional Service. At Owner's request, Service Provider shall deliver to Owner a proposal in a form acceptable to Owner for performance of any proposed Additional Services on a fixed- price basis. Upon acceptance by Owner, each Additional Services Proposal shall become part of this Agreement and shall be subject to all terms and conditions of this Agreement, as fully and completely as though the same had been included in this Agreement as a Basic Service at the original execution of this Agreement, except that payment for any such accepted Additional Service shall be in accordance with Section 3.3.

#### **3.2 ADDITIONAL SERVICES.**

3.2.1 Planning and design of pressure relief and groundwater control systems.

3.2.2 Design and specification for dewatering and seepage control measures;

3.2.3 Other soils condition testing and/or analysis requested by Owner not included within Section 1.2.

3.3 COMPENSATION. As compensation for any Additional Services rendered in compliance with the provisions of this ARTICLE 3, Service Provider shall receive a fee (a) equal to the DSE with multiplier pursuant to Section 5.1 of the Agreement for such Additional Service, or (b) fixed price agreed to by the parties prior to Service Provider's performance of such Additional Services.