

**ADDENDUM NUMBER ONE
TO THE REQUEST FOR QUALIFICATIONS FOR DESIGN PROFESSIONAL SERVICES
LAKE COUNTY BOARD OF COMMISSIONERS AND LAKE COUNTY SHERIFF'S OFFICE
ISSUED AUGUST 23, 2024**

The County hereby amends the Request for Qualifications as follows:

1. The County received the following requests for information and responds to each below:

RFI No. 1: Can you confirm for me the firm that performed the geotechnical engineering for this project?

Response: SME was the both the geotechnical engineer and the environmental engineer. The testing and inspection of sub-soil during construction and ground improvements (we expect to use rammed aggregate piers) will be by the geotechnical engineer. The scope below will not be needed by the testing and inspection consultant:

SPECIAL INSPECTIONS FOR SOILS

- Verify materials below shallow foundations are adequate to achieve the design bearing capacity
- Verify excavations are extended to proper depth and have reached proper material.
- Perform classification and testing of compacted fill materials.
- Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.
- Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly.

SPECIAL INSPECTIONS FOR RAMMED AGGREGATE PIERS

- **FIELD QUALITY CONTROL**
 - Field inspection and testing will be performed under provisions of Section 01 40 00-Quality Requirements.
 - Use same equipment and methods for test piers as production piers.
 - Load test the following:
 - Six indicator piers at locations as identified.
 - One pier in first 100 piers.
 - One pier in next 250 piers.
 - One pier in each 500 piers thereafter.
 - Perform the following tests on each test pier:
 - High-strain impact test in accordance with ASTM D4945.
 - Static axial compression load test in accordance with ASTM D1143/D1143M.
 - Static axial tensile load test in accordance with ASTM D3689/D3689M.
 - Lateral load test in accordance with ASTM D3966/D3966M.

- Subject piers to 1-3/4 times design load.
- Acceptable Permanent Set of Piers after Load Testing: 1/8 inch.
- Perform additional testing of other piers when tested piers do not comply with requirements.
- Witnessed and recorded by professional engineer.
- Compile all testing information and submit pier load test report prepared by professional engineer.