SERVICE: CONSTRUCTION MANAGEMENT - QUALITY ASSURANCE _002 (MATERIALS TESTING AND INSPECTION)

Conduct plant and/or field sampling, inspection, and perform standardized laboratory tests on common construction materials in accordance with ASTM, AASHTO, or other applicable procedures. Document results of tests performed.

Minimum Qualifications

FIRM EXPERIENCE

- Minimum of one, up to five, roadway, drainage, or flood control projects administered by the firm in the last six years. **(Submit owner / client list and project list.)**

Materials Testing Capability

- Firms must submit the Geotechnical and Materials Testing List of Tests and Procedures *Questionnaire. ***Questionnaire file has a worksheet with instructions.***

- Must perform a minimum of 50% of all testing and inspections in-house.

- For all tests and inspections not performed "in-house" by the firm, the firm must name the accredited Sub Consultant firm and one alternate Sub Consultant firm who shall perform the test or inspection in Comment cell. **The use of consultant firms that utilize sub-consultant engineers is prohibited.**

The laboratory shall be AASHTO resource (formerly AMRL) or CMEC AASHTO R-18 accredited and include the following requirements:

ASTM D3666, ASTM D3740, and ASTM C1077, where appropriate.

The AASHTO accreditation is also required for each individual test method performed. The accreditation shall be current at the time of submittal and at the time actual testing is performed. The required tests are listed on the entry form and only those will be considered as a part of the review.

The type of equipment is listed on the equipment list form. If other equipment is listed in the narrative, it will not be considered as a part of the submittal

EMPLOYEE EXPERIENCE

Category A: Nevada Professional Engineer (Civil) on staff and in responsible charge of the work. **(The use of sub-consultant engineers is prohibited.)**

- Five years of experience in Quality Assurance on transportation/flood control construction projects;

- Must have been in responsible charge of a minimum of two transportation/flood control construction projects. The construction projects must have had a contract value of at least $3 million each.

Category B: Senior technician

- Five years of experience as a senior technician;

- Senior technician on a minimum of two transportation/flood control construction projects. The construction projects must have had a contract value of at least $3 million each.

Category C: Construction inspections

- Construction inspector on a minimum of two transportation/flood control construction projects with a construction contract value of at least $3 million each.

Category B & C employee certifications:

- All lab and field staff shall be certified by a nationally recognized certification program applicable to the task related. See Appendix A for details. **A professional engineer license cannot substitute for any testing or inspection certificate**.