

Exhibit "1"

Scope of Planned Consulting Services

The ENGINEERING services required for typical bridge construction projects involves services generally of a civil, and structural. The anticipated basic services that will be required are the following:

A. **Preliminary Phase:** This phase involves those activities required for defining the scope of a project and establishing preliminary requirements including, but are not limited to the following:

1. Conferring with the Sponsor in project requirements, programming, finances, and schedules, early phases of the project and other pertinent matters and meetings with ADOT and other concerned agencies and parties on matters affecting the project.
2. Assist the Sponsor in the preparation of necessary applications and required documents for federal grants including Disadvantaged Business Enterprise (DBE) plan and goals and exhibits.
3. Planning, procuring, and/or preparing necessary surveys, geotechnical engineering investigations, field investigations and architectural and engineering studies required for preliminary design considerations.
4. Developing design schematics, sketches, environmental and aesthetic considerations, project recommendations and preliminary layouts and cost estimates.

B. **Design Phase:** This phase includes all activities required to undertake and accomplish a full and complete project design including, but are not limited to the following:

1. Conducting and attending meetings and design conferences to obtain information and to coordinate or resolve design matters.
2. Collecting engineering data and undertaking field investigations; performing geotechnical engineering studies; engineering and special environmental studies.
3. Preparing necessary permit applications and engineering reports and recommendations.
4. Preparing detailed plans, specifications, and cost estimates.
5. Preparing construction safety plans.
6. Providing necessary copies of engineering drawings, contract documents, and specifications.

7. Prepare U.S. Army Corps of Engineers permit applications NWP39, Permit # 14, and/or 404 clearances.

C. **Construction Phase:** This includes all activities necessary to oversee the construction of the Project. Examples include, but are not limited to, the following:

1. Assisting the Sponsor in advertising and securing bids, negotiating for construction services, analyzing bid results, furnishing recommendations on the award of contracts, and preparing contract documents.
2. Onsite construction inspection and/or management involving the services of part-time or full-time resident engineer(s), inspector(s), or manager(s) during the construction or installation phase of a project.
3. Providing consultation and advice to the Sponsor during all phases of construction.
4. Representing the Sponsor at preconstruction conferences.
5. Inspecting work in progress periodically and providing appropriate reports to the Sponsor.
6. Reviewing and approving shop and erection drawings submitted by contractors for compliance with design concepts.
7. Reviewing, analyzing, and approving laboratory and mill test reports of materials and equipment.
8. Preparing and negotiating change orders and supplemental agreements.
9. Observing or reviewing performance tests required by specifications.
10. Preparation of record drawings.
11. Determining amounts owed to contractors and assisting the Sponsor in the preparation of payment requests for amounts reimbursable from grant projects.
12. Conducting wage rate reviews of certified payrolls as required by Davis Bacon Regulations and in coordination with the Town of Superior.
13. Making final inspection and submitting a report of the completed project to the USACE and ADOT.

D. **Special Services:** The development of some projects may involve special activities or services with third party individuals or companies for such services. Consultants performing special services may be employed directly by the Sponsor to implement one or more phases of a project or may be employed by the principal consultant via a subcontract agreement. In certain instances, these services may be performed by the principal consultant. Some examples of special services that might be employed for airport projects include, but are not limited to the following:

1. Detailed mill, shop, and/or laboratory inspections of materials and equipment.
2. Special environmental studies and analysis.
3. Project feasibility studies.
4. Preparation of grant reimbursement forms to be submitted to ADOT.
5. Preparation of quality control plan.
6. Preparation of final report.