



ENGINEERING SERVICES

To: Mayor and Town Council

From: Pete Anaya, P.E., Assistant Director of Engineering Services–Capital Projects

**Through: Mario Canizares, Town Manager
Chuck Ewings, Assistant Town Manager
Hulon T. Webb, Jr., P.E., Director of Engineering Services**

**Re: Professional Services Agreement
Prosper Lower Pressure Plane Phase 2A**

Town Council Meeting – August 13, 2024

Strategic Visioning Priority: 1. Acceleration of Infrastructure

Agenda Item:

Consider and act upon authorizing the Town Manager to execute a Professional Services Agreement between Geotex Engineering LLC, and the Town of Prosper, Texas, related to professional construction materials testing and observation services for the Prosper Lower Pressure Plane Phase 2A project for \$102,820.

Description of Agenda Item:

At the May 28, 2024, Town Council meeting, the Town Council awarded Mountain Cascade of Texas, LLC the construction contract for the Prosper Lower Pressure Plane Phase 2A project. In conformance with standard practice for governmental entities, the Town of Prosper is contracting with an independent firm for professional construction materials testing and observation services instead of the selected contractor including these services in their proposals.

Construction materials testing and observation services are typically 1% to 5% of a project's construction cost depending on its scope. The proposal from Geotex Engineering LLC, for construction materials testing and observation services is 1.45% of the CIP project's construction cost. The proposed services will be delivered on an as-needed basis and invoiced based on the actual quantity of work performed during construction. After establishing a fee schedule, the scope of services has been estimated based on standard practices and requirements for materials testing frequencies within the construction industry.

At the October 24, 2023, Town Council meeting, the Town Council approved a list of qualified firms, which included services for Geotechnical Engineering and Material Testing. Geotex Engineering LLC (formerly known as D&S Engineering Labs, Inc.), is included on the approved list and has successfully worked on several projects within the Town of Prosper.

Budget Impact:

The estimated cost for the professional construction materials testing and observation services is \$102,820.00. Funding to be provided from the \$11,437,394.45 construction budget for the Prosper Lower Pressure Plane Phase 2A project in Account No. 760-6610-10-00-1810-WA. The approved construction contract with Mountain Cascade of Texas, LLC is \$7,101,331.00 and including the professional construction materials testing and observation services agreement, there is \$4,233,243.45 remaining in the construction budget.

Legal Obligations and Review:

Terrence Welch of Brown & Hofmeister, L.L.P., has approved the standard Professional Services Agreement as to form and legality.

Attached Documents:

1. Professional Services Agreement
2. Location Map

Town Staff Recommendation:

Town Staff recommends that the Town Council authorize the Town Manager to execute a Professional Services Agreement between Geotex Engineering LLC, and the Town of Prosper, Texas, related to professional construction materials testing and observation services for the Prosper Lower Pressure Plane Phase 2A project for \$102,820.

Proposed Motion:

I move to authorize the Town Manager to execute a Professional Services Agreement between Geotex Engineering LLC, and the Town of Prosper, Texas, related to professional construction materials testing and observation services for the Prosper Lower Pressure Plane Phase 2A project for \$102,820.