

Public Works

STAFF REPORT



SUBJECT: Lillian Pump Station – 1MG Ground Storage Tank
MEETING: Public Works Committee Meeting – 15 OCT 2024
DEPARTMENT: Public Works
STAFF CONTACT: Nick Williams

RECOMMENDATION:

Staff recommends entering into a professional services agreement with Provenance Engineering for design of the Lillian Pump Station – 1MG Ground Storage Tank Project as approved in the adopted FY24-25 budget.

BACKGROUND:

The Lillian Pump Station receives and treats raw water and pumps potable water into the Stephenville distribution system.

PROJECT:

A professional services proposal has been received from Provenance Engineering to provide plans and detailed technical specifications for construction of a one-million-gallon (1MG) ground storage tank (GST) at the Lillian Pump Station. The original layout of the pump station designated a location for a second 1MG ground storage tank and this proposal would provide the associated design services.

The proposal provides for the design, bidding, and construction phase services for the civil, mechanical, electrical, instrumentation, and geotechnical analysis for the 1MG, cast-in-place, concrete ground storage tank design.

The proposal indicates design phase services will be complete within a 9-month timeline. An additional 18-month timeline is anticipated for bid and construction phase services upon approved.

A copy of the proposed Professional Services Agreement is attached to this memo.

FISCAL IMPACT SUMMARY:

The approved FY24-25 budget allocated \$275,000 for professional services for this project.

The agreement provides for the preparation of construction drawings and detailed specifications for \$183,250 as well as pre-bid and bidding assistance, contractor review and recommendation, and construction phase services for \$90,750, for a total fee of \$274,000.

The estimated construction cost for the tank and associated improvements is \$2,755,000.

Once the design is completed, the bid and construction phase services would only commence with written authorization.

ALTERNATIVES:

The following alternatives are provided for consideration:

1. Delay the design.
2. Recommend a different firm.

ADVANTAGES:

Approval of the proposed agreement remains within the approved, allocated project budget. This agreement provides for the on-site services under a single contract.

DISADVANTAGES:

There are no known disadvantages to proceeding as described above.

ATTACHMENTS:

[Lillian Pump Station – 1MG Ground Storage Tank Project – Professional Services Agreement](#)