STAFF REPORT



SUBJECT: Lillian Pump Station – Distribution Pump Project – Professional Services Agreement

MEETING: Regular Business Meeting – 01 AUG 2023

DEPARTMENT: Public Works **STAFF CONTACT:** Nick Williams

RECOMMENDATION:

Staff recommends entering into a professional services agreement with Provenance Engineering for the budgeted design of the Lillian Pump Station - Distribution Pump Project.

BACKGROUND:

The Lillian Pump Station receives and treats raw water and pumps potable water into the Stephenville distribution system. The water distribution system consists of a high zone, on the western side of the city, and a low zone, on the eastern side of the city. When the pump station was constructed in 2001, three pumps were installed for the high zone and two pumps were installed for the low zone. Piping was installed for a future third pump for the low zone. This project would complete the engineering specifications and provide construction documents to install the third pump, motor, and electrical components at the station.

PROPOSAL:

A professional services proposal has been received from Provenance Engineering to provide plans, detailed technical specifications for the civil, electrical, and instrumentation and control disciplines for the project. The proposal provides an 18-month term to provide the design, bid, and construction phase services.

FISCAL IMPACT SUMMARY:

The full \$50,000 design cost was approved in the FY22-23 budget.

The agreement provides for the preparation of construction drawings, detailed specifications as well as pre-bid and bidding assistance, contractor review and recommendation, and construction phase services for \$50,000.

The estimated construction cost is listed at \$600,000 and would be completed with the expansion of the station with a new 1MG ground storage tank currently forecasted for FY25-26.

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 portion of the booster pump project.

ADVANTAGES:

Approval of the agreement remains within the approved, allocated budget. The agreement provides for the on-site services under a single contract. Approval provides a shelf-ready set of construction plans and project bid documents.

DISADVANTAGES:

There are no known disadvantages to proceeding as described above.

ATTACHMENTS:

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