

# STAFF REPORT



**SUBJECT:** WWTP Capital Projects - Professional Services Agreement  
**MEETING:** Public Works Committee Meeting – 17 OCT 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 Wastewater Treatment Plant (WWTP) Capital Improvements Projects.

## PROPOSAL:

A professional services proposal has been received from Provenance Engineering to provide plans, detailed technical specifications for the civil, mechanical, electrical, and control disciplines for multiple treatment equipment components at the wastewater treatment plant including the replacement of four digester aerators, two aeration basin aerators, mechanical and electrical components of the belt filter press, and the rehabilitation of two influent self-priming pumps.

The proposal includes a 12-month design period, a 3-month bid phase, and a 12-month term for the construction phase services. Staff believes the design term and the associated implementation schedule can be significantly reduced for some components with shorter lead times. The overall extended timeline has been chosen to account for the known and unforeseen extended lead times for some of the electrical design and control equipment.

## FISCAL IMPACT SUMMARY:

The design cost was captured and approved in the FY23-24 budget totaling \$1,520,000.

The proposed agreement provides for the preparation of construction drawings, detailed specifications as well as pre-bid and bidding assistance, contractor vetting process and recommendation, construction phase services, record drawings and state assistance for \$315,080.

The estimated construction costs are identified and listed in Exhibit C totaling \$1,184,850 for aeration, electrical and control, influent pumps, and belt filter press components. The professional services costs and the estimated construction costs are \$20,070 under the allocated budgeted amount.

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. Separate the components into individual projects and bid the projects out independently.

### ADVANTAGES:

Approval of the agreement remains within the approved, allocated budget. The agreement provides for the on-site services under a single contract and requires authorization prior to performing the construction.

### DISADVANTAGES:

There are no foreseen disadvantages to proceeding as proposed.

## ATTACHMENTS:

[WWTP Capital Projects – Professional Services Agreement](#)