



City of Olathe

COUNCIL AGENDA ITEM

MEETING DATE: 2/19/2019

DEPARTMENT: Public Works

STAFF CONTACT: Mary Jaeger/Alan Shorthouse

SUBJECT: Consideration of a Professional Services Agreement with Black & Veatch Corporation for design of the replacement standby generators for the Harold Street Wastewater Treatment Plant and the Renner Pump Station.

ITEM DESCRIPTION:

Consideration of a Professional Services Agreement with Black & Veatch Corporation for design of the replacement standby generators for the Harold Street Wastewater Treatment Plant and the Renner Pump Station.

SUMMARY:

The Harold Street Wastewater Treatment Plant, located at Harold Street and Northgate Street, treats wastewater flows from the center of Olathe. Standby power is currently provided by a diesel generator that was installed in 1995; when it was installed, the generator was a salvaged unit that was in good condition despite being 13 years old at the time. This unit is over 37 years old.

The Renner Pump Station, located at Renner Boulevard and 119th Street, is part of the drinking water distribution system and pumps water from the Renner Tower into the distribution system. Standby power is currently provided by a diesel generator that was installed in 1984. This unit is 35 years old.

Both units are at the end of their useful service lives and spare parts are no longer available for repairs. These units and the associated electrical components are required to provide reliable standby power to operate their respective facilities.

This Professional Services Agreement with Black & Veatch Corporation provides for electrical load studies at each facility to determine the equipment to be powered by the generator and the generator sizes and engineering design and bidding services.

The total fee for the services provided in this Professional Services Agreement is \$205,129.

FINANCIAL IMPACT:

The funding for the Harold Street Wastewater Treatment Plant and Renner Pump Station Generator Replacement Projects includes:

Water & Sewer Funds	\$205,129
Total	\$205,129

ACTION NEEDED:

Approval of a Professional Services Agreement with Black & Veatch Corporation for design of replacement standby generators for the Harold Street Wastewater Treatment Plant and the Renner

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Pump Station.

ATTACHMENT(S):

A: Professional Services Agreement