



Legislation Text

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File #: 22-0821, Version: 1

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**CITY COUNCIL AGENDA ITEM**

**ACTION REQUESTED:**

Approve the award of RFP 22-151, Springbrook Water Reclamation Center S2EBPR Pilot Testing, to Black & Veatch for an amount not to exceed \$166,798.00

**DEPARTMENT:** Water Utilities

**SUBMITTED BY:** Darrell Blenniss, Director

**BOARD/COMMISSION REVIEW:**

N/A

**BACKGROUND:**

The City of Naperville recently completed a Facilities Plan for Springbrook Water Reclamation Center (SWRC). One of the goals of the Facilities Plan process was to examine different nutrient removal alternatives and select a preferred alternative. Five alternatives were evaluated in detail and biological phosphorus removal using an MUCT (Modified University of Cape Town) configuration with S2EBPR (sidestream enhanced biological phosphorus removal) is staff's recommendation.

The Facilities Plan further recommended that pilot testing be conducted to gain confidence in the assumptions used to select MUCT with S2EBPR as the chosen process for phosphorus removal. A two-step approach is envisioned for pilot testing: a bench scale study with a full-scale pilot if results of the bench study indicate additional testing would be beneficial.

In 2022, Water Utilities completed a Request for Qualifications (RFQ 22-109) for consulting engineering services at SWRC. The following four consultants were short-listed for a three-year term as a result of this process:

1. Black & Veatch
2. Carollo Engineers
3. CDM Smith
4. Donohue & Associates

In May 2022, Water Utilities issued RFP 22-151, Springbrook Water Reclamation Center S2EBPR Pilot Testing to select one of the shortlisted consultants for this project.

**DISCUSSION:**

Advertisement Date:	May 31, 2022	Notices Sent:	4
Opening Date:	June 23, 2(Planholders:		4

Proposals Received: 2

Proposals were received from the following vendors:

1. Black & Veatch
2. Donohue & Associates

A selection team comprised of staff from the Water Utilities evaluated the proposals and scored them based upon the criteria set forth in the RFP:

1. Capability, Capacity and Qualifications of the Firm (30%)
2. Suitability and Quality of the Approach/Methodology (30%)
3. Milestones and Deliverables (25%)
4. Outcomes to be Achieved (15%)

The vendor with the highest qualification score, Black & Veatch, is recommended for award. The table below provides a summary of the final qualification scores:

Vendor	Qualification Score
Black & Veatch	81.75
Donohue & Associates	76.5

The selected vendor is an industry leader in S2EBPR and has performed multiple similar projects in the region.

The anticipated completion date of the project is December 31, 2023.

**FISCAL IMPACT:**

CIP#:

Costs associated with the Pilot Testing of the S2EBPR, is expensed to the account number listed below. The requested award is accommodated within budget.

Account Number	Fund Description	Total Budget Amount
41252000-551502	Water Capital Fund	\$27,438,275