



## CITY COMMISSION STAFF REPORT

**DEPARTMENT:** Utilities Department

**DATE:** January 9, 2024

**SUBJECT:** Motion to approve and authorize Task Order 2023-05 to Hazen & Sawyer in the amount not to exceed \$24,956.00 for consulting services to evaluate the feasibility of one-to-one replacement of centrifuge equipment in lieu of traditional design-bid-build or design-build delivery methods at the City's wastewater treatment plant. - **Utilities**

### **CITY MANAGER RECOMMENDATION:**

The City Manager recommends approval and authorization to issue Task Order 2023-02 to Hazen & Sawyer (Hazen) in the amount not to exceed \$24,956.00 for consulting services to evaluate the feasibility of one-to-one replacement of centrifuge equipment in lieu of traditional design-bid-build or design-build delivery methods at the City's wastewater treatment plant.

### **BACKGROUND OF ITEM:**

Centrifuges are critical equipment in the final processing of the wastewater sludge before it is hauled away for disposal, usually at an approved landfill. The City's wastewater plant has two (2) centrifuges that are reportedly 20 years old. In July 2023, both became inoperable, forcing emergency procurement of dewatering services at an expense of \$150,000. Since then, some repairs have been made to the centrifuges but many times, some components keep breaking down.

As the City's primary treatment plant consultant, Hazen, in August 2022, estimated a cost of \$2.6 million, including engineering fees, to replace the aged centrifuges. This estimate was based on traditional design-bid-build method. As an alternative, the City staff explored the possibility of one-to-one replacement of the centrifuges with the same manufacturer, Alfa Laval, Inc. It was determined that this approach would cost significantly less if replaced in kind. Although Alfa Laval, Inc. would replace the centrifuges as a turnkey product, some specialized assistance, review and oversight would be required. This is the essence of the recommended TO.

There appears to be some flexibility in our Procurement Code to pursue the turnkey approach. Otherwise, the staff could publically advertise for one-to-one replacement. As the City's consultant updating the Utilities Master Plan, Hazen, has confirmed that these new centrifuges would not only work well with the current treatment plants but would also integrate well should the City decide to build a new wastewater treatment facility.

Hazen is one of the three (3) consultants selected through City’s RFQ No. 2020-1 and approved by the City Commission on June 8, 2021 after meeting the requirements of Florida Statute (FS) 287.055, commonly known as Consultants’ Competitive Negotiation Act (CCNA). Pursuant to FS 287.055(2)(g), a consultant selected through the CCNA process, can be awarded a “continuing contract” for each individual study in an amount not to exceed \$500,000 without any additional competition.

**FISCAL IMPACT:**

Hazen’s Task Oder 2023-05 will be funded by the Capital WWTP Centrifuge Project approved in the FY 2024 budget.

<u>General Ledger Acct. Number</u>	<u>Budgeted Amount</u>	<u>Prior Requested Amount</u>	<u>New Request Amount</u>	<u>Remaining Amount</u>
453-931-563610-535-24013	\$1,500,000	\$0	\$24,956	\$1,475,044

**ATTACHMENTS:**

1. Exhibit A – Task Order 2023-05 with Cost Proposal
2. Original Professional Agreement with Hazen and Sawyer  
[https://coopercityfl-my.sharepoint.com/:f:/g/personal/jmontoya\\_coopercity\\_gov/EpOH2IKHNLxFgqshI03N4o8BEZ9bvzoFNyyndHVeB7hcw?e=Rfd2k0](https://coopercityfl-my.sharepoint.com/:f:/g/personal/jmontoya_coopercity_gov/EpOH2IKHNLxFgqshI03N4o8BEZ9bvzoFNyyndHVeB7hcw?e=Rfd2k0)
3. Vendor Compliance

Workflow History			
User	Task	Action	Date/Time
Montoya, Jenna	NEW ITEM: Not Yet Routed	Route to Purchasing	12/19/23 08:28 AM
Dodgen, Brandon	Assigned to Purchasing	COMPLETE: Forward to City Clerk	12/22/23 03:02 PM
Allen, Tedra	Assigned to City Clerk	Route to Budget	12/29/23 11:12 AM
Nadeau, Mike	Assigned to Budget	COMPLETE: Forward to City Clerk	12/29/23 11:23 AM
<i>The Fiscal Impact Section of this Staff Report is correct.</i>			
Allen, Tedra	Assigned to City Clerk	Route to Attorney	12/29/23 12:10 PM
Horowitz, Jacob	Assigned to Attorney	COMPLETE: Forward to City Manager	12/29/23 01:09 PM
Eggleston, Ryan	Assigned to City Manager	COMPLETE: Forward to City Clerk	01/04/24 02:13 PM
Allen, Tedra	Assigned to City Clerk	APPROVE ITEM: End Workflow	01/04/24 11:39 PM
Allen, Tedra	END WORKFLOW - APPROVED		01/05/24 09:32 AM