



## CITY COMMISSION STAFF REPORT

**DEPARTMENT:** Utilities Department

**SUBJECT:** Motion to Approve Engineering Task Order For Replacement of Effluent Pump (ARPA) - **Utilities**

**CITY MANAGER RECOMMENDATION:**

The City Manager recommends approval of Task Order 2021-04 with Hazen & Sawyer (H&S) for engineering services associated with the replacement of one treated sewage effluent pump and associated electrical gear.

**BACKGROUND OF ITEM:**

The City disposes of treated sewage (also known as effluent) either via its deep injection well, and/or by pumping it to the City of Hollywood, either for their wastewater reuse program or for disposal via Hollywood's ocean outfall. The City's wastewater treatment plant utilizes four pumps to transmit effluent to Hollywood, through a piping system that Cooper City shares, and co-owns, with the Town of Davie.

In September 2020, effluent pump #3 was damaged beyond repair by a pressure surge in the system. In considering its replacement, staff concluded that the new pump should be significantly up-sized to provide greater pumping capacity. This conclusion was reinforced during Tropical Storm Eta in November 2020, during which the wastewater treatment plant experienced an overflow of treated wastewater because the effluent pumping system lacked the capacity to transmit sufficient flow.

**ANALYSIS:**

Procurement and installation of the pump and associated electrical gear will require engineering services and Staff requested a proposed task order from H&S to provide these services. We currently have a continuous contract for engineering services with H&S and they are very qualified to perform this work. Specifically, H&S will be responsible for design, preparation of bid and contract documents, and providing construction services, including inspection.

**FISCAL IMPACT:**

We have negotiated a total price of \$107,287.00 for their services, which staff finds to be reasonable. This task order is to be funded by American Rescue Plan Act funds. A copy of the proposed task order is attached.

<u>General Ledger Acct. Number</u>	<u>Budgeted Amount</u>	<u>Requested Amount</u>	<u>Remaining Amount</u>
110-170-*-*-WS	\$250,000.00	\$107,287.00	\$603,094.00

**ALTERNATIVES:**

The Commission could opt not to move forward with this project, but staff considers that to be unadvisable.

**ATTACHMENTS:**

1. Hazen Sawyer proposed Task Order 2021-04