



CITY OF TARPON SPRINGS, FL

Procurement Services

324 East Pine Street
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MEMORANDUM

TO: Honorable Mayor and Board of Commissioners
THRU: Janina Lewis, CPPO, NIGP-CPP, Procurement Services Director *AL*
FROM: Anela Saday, CPPB, Senior Procurement Analyst *AS*
DATE: 03/14/2023
SUBJECT: Award File No. 230117-N-AS, Single Source Purchase of Centrifuge Decanter Original Equipment Manufacturer (OEM) Parts and Services

RECOMMENDATION:

Award File No. 230117-N-AS, Single Source Purchase of Centrifuge Decanter OEM Parts and Services to Ferrum Process Systems Inc. in an estimated amount not to exceed \$75,000, from March 25, 2023 through March 24, 2024, for the Public Services Department - Wastewater Treatment Facility (WWTF).

BACKGROUND:

WWTF currently uses Hiller dewatering centrifuge systems to dewater and process wastewater biosolids for disposal. The two dewatering centrifuges and Polyblend systems are critical equipment that process and remove water from biosolids following the wastewater treatment process. The purpose of this contract is to provide equipment to remove water from biosolids following the wastewater treatment process. These proprietary centrifuges run at a high rate per minute (rpms) and continuously encounter wastewater biosolids. The equipment requires periodic service to maintain and replace worn parts. Approval of this contract will ensure the City has the spare OEM parts and services available to minimize premature failures and process downtime, and costs associated with emergency repairs. Ferrum Process Systems Inc. is the current authorized dealer for OEM parts and services which allows for wastewater bio-solids dewatering system to be serviced and repaired by factory trained personnel (see attached memo).

FUNDING:

402-4603-536-4600/5200/6300 Wastewater Treatment Facility

Accepted by: _____ Attest _____
City Manager City Clerk



Paul Smith
Public Services Director

Public Services Department

Memorandum

Date: February 14, 2023
To: Janina Lewis, Procurement Services Director
Through: Paul Smith, Public Services Director
From: Thomas Kiger, Public Services Assistant Director
Raymond Page, Utilities Superintendent
Robert Marcincuk, Wastewater Treatment Facility Chief Operator

PS

Subject: Authorize As-needed Single Source Purchases for Replacement Parts and Services from Ferrum Process Systems Inc. for the Advanced Wastewater Treatment Facility

Recommendation

Authorize as-needed single source purchases for replacement equipment, parts, supplies, and services from Ferrum Process Systems Inc. for the wastewater treatment facility in an estimated amount not to exceed \$75,000.

Background

The City of Tarpon Springs Advanced Wastewater Treatment Facility currently utilizes Hiller dewatering centrifuge systems to dewater and process wastewater biosolids for disposal. The two dewatering centrifuges and Polyblend systems are critical equipment that process and remove water from biosolids following the wastewater treatment process. This equipment prepares the wastewater solids for offsite hauling and is a vital part of our treatment system. The high-performance dewatering capability of the centrifuges results in substantial savings to hauling costs. This proprietary equipment operates at high rpms and continuously encounters wastewater biosolids. As a result, the equipment requires periodic service to maintain and replace worn parts. The current OEM vendor for this equipment is Ferrum Process Systems Inc.

This authorization will ensure that the city has the spare OEM parts and services available for this equipment in an effort minimize process downtime and costs associated with emergency repairs. During the next year, one of the dewatering centrifuges is due for routine OEM maintenance during at an estimated cost of \$60,000. Additionally, the City has averaged \$13,500 in annual expenses for as-needed parts and service over the last four years. This authorization will include the scheduled maintenance of the centrifuges by the OEM vendor as well as parts and service for periodic repairs to maintain ongoing dewatering operations.

Funding

Funds are available in budgeted treatment repair & maintenance, operating supplies, and capital improvements accounts, which are 402-4603-536-46.00, 402-4603-536-52.00, and 402-4603-536.63.00 respectively.



Ferrum Process Systems, Inc.
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512-556-5707
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February 15, 2023

Wastewater Plant Chief Operator
City of Tarpon Springs AWWTF
201 East Pine St.
Tarpon Springs, FL 34689
Attn: Robert Marcincuk

Ref: Service / Maintenance Requirements – Hiller Centrifuges – Serial Nos. JS0126 and JS0184

To Whom It May Concern:

The centrifuge units DP45-422 (#JS0126 and #JS0184) were originally manufactured by Hiller GmbH (Germany). Ferrum Process Systems Inc is the sole authorized company to sell, distribute and service Hiller manufactured equipment within the USA. All parts are original Hiller components and supplied according to the documentation and quality requirements.

As in the past, all quoted Hiller parts will be offered at a 10% discount off the standard list price.

In order to maintain optimum performance and minimize maintenance costs, it is recommended that any service or maintenance of your centrifuge be conducted solely by a Hiller Certified Technician.

Regards,

Sheilah Pickel

Sheilah Pickel
Parts/Service Coordinator
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