



TOWN OF HIGHLAND BEACH AGENDA MEMORANDUM

MEETING TYPE: Town Commission Meeting

MEETING DATE: *May 21, 2024*

SUBMITTED BY: Pat Roman, Public Works Director

SUBJECT: Town Standard Procurement - Rehabilitation and media replacement for two (2) scrubbers and one (1) degasifier at water treatment plant.

SUMMARY:

Town staff is seeking approval for the rehabilitation and media replacement for two (2) scrubbers and one (1) degasifier at the water treatment plant.

Maintenance of scrubbers and degasifier in a water treatment plant is important because the gases they filter out can cause corrosion in pipes and other water system components, and can also affect the taste and odor of the water. The scrubbers and degasifier work by exposing the water to a stream of air or steam, which strips out the dissolved gases. The gas-free water is then collected at the bottom of the degasifier for further treatment or distribution.

The current infrastructure is over 18 years old and in need of maintenance to assure that our water remains in excellent condition. TSC-Jacobs, the vendor that originally installed the system, performed a site visit in January to determine the condition of the system and the scope of work required to rehabilitate it. After the site visit was conducted, TSC-Jacobs sent a proposal request to Pro-Mec Engineering Services, one of their certified subcontractors, who provided a quote for \$99,750 to rehabilitate all three of the water treatment plant's media vessels. TSC-Jacobs will have a project manager onsite to oversee project coordination until the work is completed.

For price comparison, Globaltech, one of the Town's previously contracted utilities engineering firms, provided a quote for \$115,900 to only rehabilitate two of the structures.

FISCAL IMPACT:

\$99,750; Improvements Other Than Buildings 401-533.000-563.000

ATTACHMENTS:

Highland Beach TSC-Jacobs Quote

Globaltech Quote

RECOMMENDATION:

Commission approval of Town Standard Procurement for rehabilitation and media replacement for two (2) scrubbers and one (1) degasifier at water treatment plant.