



Legislation Text

File #: ID 15-0855, **Version:** 1

Resolution Authorizing a Contract in the Amount of \$2,219,188 with Hazen and Sawyer, P.C. for the Design of Biological Nutrient Removal Upgrades for the T.Z. Osborne Wastewater Reclamation Facility

Department: Water Resources
Council District: 2

Public Hearing: N/A
Advertising Date/By: N/A

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PURPOSE:

Water Resources is requesting a contract with Hazen and Sawyer, P.C. to design Biological Nutrient Removal (BNR) Upgrades to the T.Z. Osborne Wastewater Reclamation Facility. City Council approval of a contract in the amount of \$2,219,188 is requested.

BACKGROUND:

The T.Z. Osborne Wastewater Reclamation Facility (TZO) is currently undergoing capacity upgrades, which involves ending treatment operations at the North Buffalo Water Reclamation Facility to create efficiency in meeting future regulations. Compliance with the Wastewater Discharge Rule of the Jordan Lake Rules is required by the State by January 2021. This regulation places further discharge limits on nutrients including nitrogen and will require additional process improvements.

Hazen and Sawyer, P.C. is proposed to complete the design due to their participation in the design of the plant upgrades. Efforts include system analysis, modeling, and assessment of electrical and piping needs for a preliminary engineering report and subsequent design of aeration basin modifications for nitrogen removal and additional basin construction to address permitted biochemical oxygen demand compliance. Technical drawings and specifications for the bidding and award of the construction project will also be prepared.

Hazen and Sawyer has committed to M/WBE subcontracting goals of (**MBE 6.3%** and **WBE 5.6%**). This item was referred to Council by the General Government and Infrastructure Committees.

BUDGET IMPACT:

Funds in the amount of \$2,219,188 are budgeted in Water Resources Capital Improvements Bond Fund account 515-7056-05.5410. This funding will be made available from a portion of the bond anticipation notes issued in 2014 and a portion of the bond anticipation notes to be issued in the first quarter of 2016.

RECOMMENDATION / ACTION REQUESTED:

The Water Resources Department recommends and requests that City Council adopt a resolution authorizing a

contract with Hazen and Sawyer, P.C. to design Biological Nutrient Removal (BNR) Upgrades to the T.Z. Osborne Wastewater Reclamation Facility.