



City of Boynton Beach Agenda Item Request Form

Meeting Date: 08/20/2024

Proposed Resolution No. R24-188- Approve the Second Amendment to the Progressive Design Build Agreement with Globaltech, Inc. in the amount of \$7,032,108 for the East Water Treatment Plant Generator Replacement Project- Phase 2B to proceed with the final step of construction in a two-step construction format and approve a Utility Capital Improvement Fund 403 budget transfer based on the Guaranteed Maximum Price negotiated for the construction phase of the Progressive Design Build project.

Requested Action: Staff recommends approval of Proposed Resolution No. R24-188.

Explanation of Request: The City Commission previously approved Phase 1 and Phase 2A of a Progressive Design Build contract with Globaltech, Inc. pursuant to Resolution No. R20-077 and R20-158 to provide required back-up generator power, pump header replacement for High Service Pumps 1 through 4, piping modifications, and restoration at the East Water Treatment Plant. Phase 1 and Phase 2A included preliminary design services, preliminary construction, final design, and development of the Guaranteed Maximum Prices (GMPs) for phases 2A and 2B of construction, the procurement of equipment and material with long lead times and have been completed. Construction will be implemented in a two-step process.

This Second Amendment is for the final step of construction, Phase 2B, and includes design, permitting, final construction, start-up, and commissioning of the generators.

The Utilities Department is requesting that the Commission also approve the transfer of funds to increase the project's budgeted amount based on the negotiated GMP for the construction phase.

How will this affect city programs or services?

The project will provide a more reliable backup power system to the East Water Treatment Plant during storm events, natural disasters, and prolonged power failures and system outages from Florida Power and Light and enable the City to continue to provide a high level of service to our water customers. The East Water Treatment Plant is required to have suitable back-up power per the Florida Administrative Code (FAC) and as per Federal and State Drinking Water regulations.

Fiscal Impact:

The project was budgeted. Funds for the project are available in the Utilities CIP account 403-

5000-533-65.02 project# WT1902.

Based on the GMP the additional funds in the amount of \$1,200,000 will be transferred to fund the ongoing project needs.

Attachments:

[R24-188 Agenda_Item_1946-2023_Resolution_for_Globaltech_Amd__2.docx](#)

[BB_E_WTP_Generator_Replacement_Phase_2B_Contract_Rev2.1 \(1\)-Clean.docx](#)

[Resolution No. R20-077 with contract.pdf](#)

[Resolution No. R22-158 with Amd #1](#)