



April 10, 2025

RESPONSE LETTER NO. 2 TO REQUEST FOR INFORMATION

Project Title: Biscayne Shores Pump Station Retrofit Nos. 109 and 110 and MIC Stormwater Pump Station Trash Rack Repair

Project No.: 20230197-R

E-mail from Mr. Alexander Cabrera, Coulomb Engineering, Inc.; dated Wednesday, February 26, 2025, 11:21 P.M. (attached)

QUESTION: 1) QUESTION: 1) From electric sub-contractor: The plans do not show an RTU, but I do see the specifications mention one. Will an RTU/Telemetry be provided for both stations? What conduits & cables will be required?
RESPONSE: 1) The pump stations have existing RTU's. The contractor will work with Emerson Process Manage to reinstall or upgrade the RTU's. Please review the attached specs under Addendum No.5 for the required hardware.

Can you indicate in which section of Addendum 5 this can be found?

RESPONSE: 1) New Technical Specs for the SCADA system, wires, and miscellaneous items have been added to the Special Provisions. Refer to Addendum No.10.

QUESTION: 2) No control panel shows in the plans. Will a control panel be provided? What conduits and cables will be required? RESPONSE: 2) The contractor will provide new control panels in conjunction with the new pumps. Attached, under Addendum No.5 is the design schematic for the existing panels. Please note that as-builts do not exist and the existing control panels may be outdated from current standard control panels.

Can you indicate in which section of Addendum 5 can be found the schematics for the panel?

RESPONSE: 2) The following details not included in the original plans have been added to the Plans. Refer to Addendum No.10.

- The existing control panel schematic – BISCAYNE SHORES -109 and 110 Electrical Plans
- Process & Instrumentation Drawing -MD-PWD SCADA Local Pump-Control RECv3. This drawing identifies the origins and purpose of both control devices and instrumentation. It shows the RTU I/O List. It includes:



GENSET & ATS.
Pump-Control Panel.
RTU/SCADA.
Enhanced Wetwell Level instrumentation
Canal Level instrumentation. Only for canal sites.

- Overview of Local controller and RTU integration – MD-PWD SCADA
Local Pump Control REC v2
- MD-DTPW Stormwater SPEC illustrating a sample RTU assembly- 2024
Stormwater RTU Panel
- Sample RTU I-O list

END OF REQUEST FOR INFORMATION No. 2

Sincerely,

A handwritten signature in black ink, appearing to read "TKW".

Tiondra Wright
Chief, Capital Improvements Division
Department of Transportation and Public Works (DTPW)

TW:er

c:

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Project File

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