

May 9, 2024

RESPONSE LETTER NO. 2 TO REQUEST FOR INFORMATION

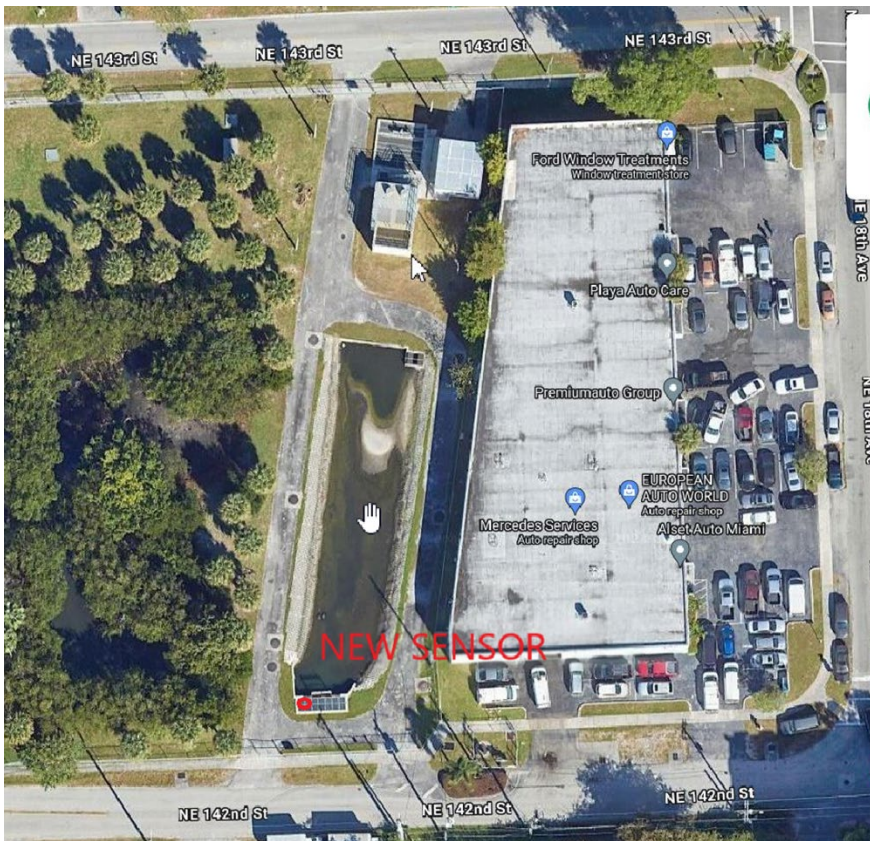
Project Title: Stormwater Pump Stations and Control Structures Improvements

Project No.: 20230219

E-mail from Mr. Edgar Lugo, Solares Electrical Services, Inc.; dated Thursday, May 2, 2024, 10:40 A.M. (attached)

QUESTION: 1) Arch Creek 1 does not appear to have a canal level instrumentation structure (underground and place to install new equipment). Please advise if it exists or if it needs to be included as a build structure.

RESPONSE: 1) Arch Creek does not have an existing canal sensor. The contractor will need to install new cable and conduit to connect proposed canal sensors to an RTU panel. Revised location of proposed canal sensor as follows:





QUESTION: 2) Please advise if Belen 1 and 2 have a canal level instrumentation structure, underground and place to install new equipment or if it needs to be included as a build structure.

RESPONSE: 2) Belen 1 and 2 have an existing canal sensor and conduit. However, the contractor must install the necessary cable to connect them to their respective RTU's.

QUESTION: 3) The RTU SCADA-Panel in Rucks Park Stormwater Pump-Station was installed in 2004. This RTU SCADA-Panel does not have enough terminal-contacts, enough DC Power, nor the room for expansion required by the new Pump-Control Panel specified in this project (see Rucks Park RTU SCADA-Panel drawing notations below). Consequently, Rucks Park needs to use a new RTU SCADA-Panel similar to more modern installations within MD-DTPW SCADA Systems (ie M.I.C. Stormwater PS). Please advise and we will include a new RTU SCADA-Panel in the Rucks Park Stormwater Pump-Station upgrades. (Attachment included. Question from Rafael Jacomino, Emerson Power and Water Solution.)

RESPONSE: 3) In the scope as defined by Miami-Dade County the RTU panel is existing and is to remain at all stations. However, if the existing RTU panel at Rucks Park does not have capacity for expansion then a new RTU SCADA Panel will need to be included in shop drawings to be provided by Emerson.

END OF REQUEST FOR INFORMATION No. 2

Sincerely,

Alejandro Martinez-Esteve, RA, LEED AP, ENV SP
Chief, Program Management Office
Department of Transportation and Public Works (DTPW)

AM-E:er

c:

Elva Reyes, DTPW
Clerk of the Board
Project File

Liza Herrera, P.E., DTPW
George Sibilia, P.E., DTPW
Daryl Hildoer, P.E., DTPW

From: [Edgar Lugo](#)
To: [Reyes, Elva \(DTPW\)](#)
Cc: [Clerk of the Board \(COC\)](#)
Subject: RFI - Solares Electrical - Stormwater Pump Stations and Control Structures Improvements
Date: Thursday, May 2, 2024 10:43:39 AM
Attachments: [image001.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[Rucks Park PS RTU RFI-02.pdf](#)

EMAIL RECEIVED FROM EXTERNAL
SOURCE

Good morning,

Attached you will find RFI of Emerson.

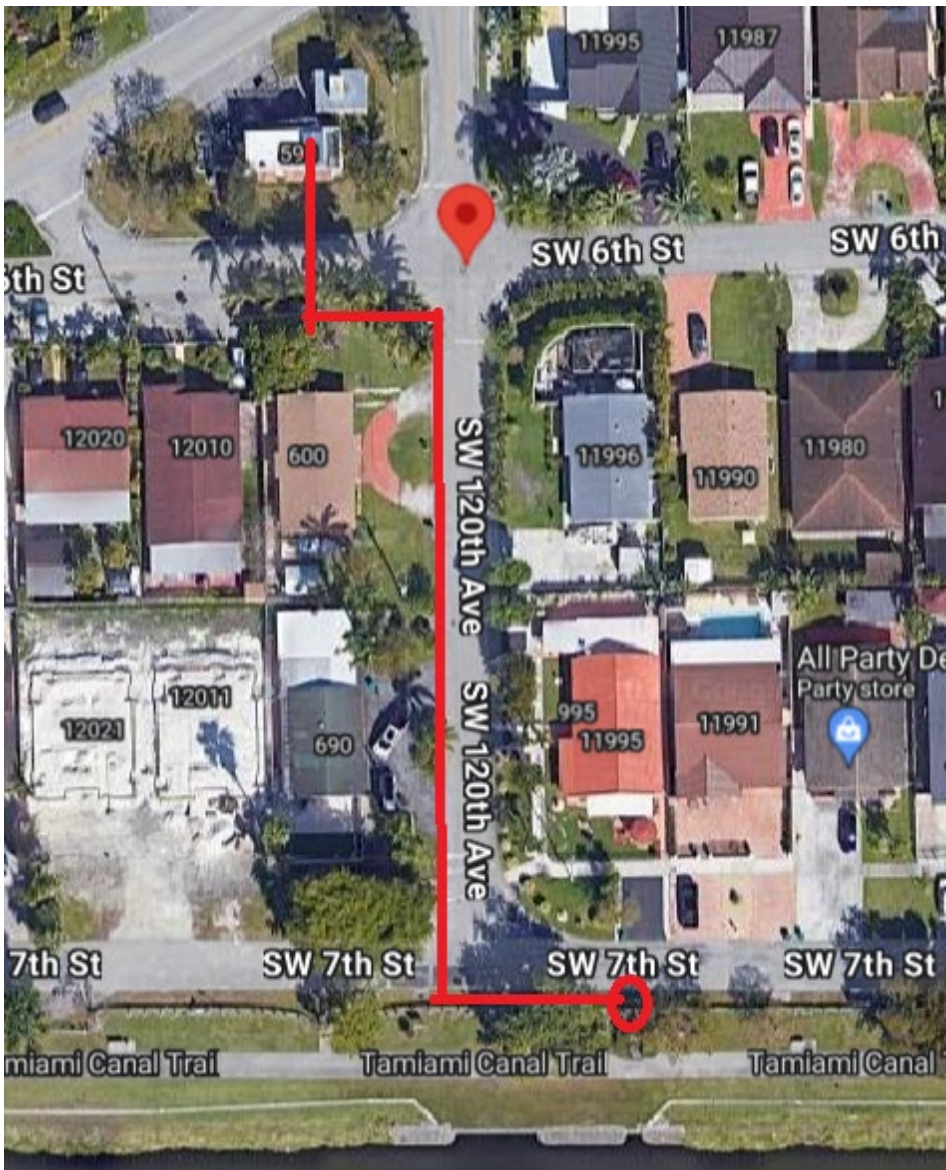
Additionally we have the following questions:

1. Arch Creek 1 does not appear to have a canal level instrumentation structure (underground and place to install new equipment). Please advise if it exists or if it needs to be included as a build structure.
2. Please advise if Belen 1 and 2 have a canal level instrumentation structure, underground and place to install new equipment or if it needs to be included as a build structure.

Arch Creek 1



Belen 2



Belen 1



Edgar Lugo

Cost Estimator at Solares Electrical Services Inc.

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e-mail: elugo@solareselectrical.com



Request For Information # 02



Reference: MD-DTPW Project 20200046 Rucks Park Improvements.

Date: 02 May 2024

To: Edgar Lugo
Cost Estimator at Solares Electrical Services Inc.
10520 NW 26th St
Doral, FL 33172
Office: 305-717-6184

From: Rafael Jacomino
Project Engineer
Emerson Power & Water Solutions
13200 SW 128th ST Suite A-4
Miami, FL 33186
Office: 305-278-7994

Rucks Park Stormwater Pump-Station

Question: The RTU SCADA-Panel in Rucks Park Stormwater Pump-Station was installed in 2004. This RTU SCADA-Panel does not have enough terminal-contacts, enough DC Power, nor the room for expansion required by the new Pump-Control Panel specified in this project (see Rucks Park RTU SCADA-Panel drawing **notations** below). Consequently, Rucks Park needs to use a new RTU SCADA-Panel similar to more modern installations within MD-DTPW SCADA Systems (ie M.I.C. Stormwater PS). Please advise and we will include a new RTU SCADA-Panel in the Rucks Park Stormwater Pump-Station upgrades.

