

Project Change Request**PCR issue Date:** 10/6/2023**PCR Number:** 03**To:** David Martyniuk**PCR Revision No.:** 1.0**Originator:** Ivette Sanchez**PCR Name:** City of Lake Worth Beach**Related PCN:** NA**Project Number** 170415**PCN Issue Date:** NA**Project Name:** 138kV Canal Switchyard Station**PCN Approval Date:** NA**Developed By:** Ivette Sanchez**Event/ Decision Justifying Change:**

Additional civil, substation design and construction support as outlined and described below:

1. POWER/WGI Landscape Design Coordination
2. Canal Stations Perimeter Walls Drafting and Specifications
3. Canal Switchyard – Coconut Road Entrance Removal
4. M7035 Local Control/Test Switches
5. Drainage & Stormwater Pipe Conduit Concern
6. Engineering Support During Construction
7. Project Management

Change Description:**1. POWER/WGI Landscape Design Coordination**

POWER/WGI landscaping design coordination on PBC Landscaping code requirements and comments resolution. Adjustment to civil construction plans for WGI Landscaping. Attend meetings with WGI team members, PBC Landscape Reviewer through the planning and approval process via teleconference.

2. Canal Stations Perimeter Wall Specifications and Drafting

Drafted on the IFC plans the northern most wall and southern most wall on the property, so the construction contractor knows what to install. Drafted details on the corners of property to show how the transition from a wall to the chain link fence. Created CMU- Blockwall specifications.

3. Canal Switchyard Station – Coconut Road Entrance Removal

Removal from civil plans of additional entrance to Canal Switchyard from Coconut Road.

4. M7035 Local Control/Test Switches

Rework on the schematics and wiring and panel layouts to add a SEL9510 instead of originally proposed SEL-487B pushbuttons for local control of 138kV MOD M7035 between the two (2) 138kV busses.

5. Drainage & Stormwater Pipe Conduit Concern

Provide engineering support for the stormwater system to avoid installed electrical feeder conduits. Confirm that stormwater system maintains minimum separation distances from electrical feeders, meets project stormwater permitting requirements, and provides adequate drainage for design storms from electrical pads to basin. Update the material quantities, grading plan and profile drawings to reflect the required stormwater changes. Reissuance of stamped Civil drawing package.

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6. Engineering Support During Construction

Provide technical support to the Contract Administrator and Construction Inspectors during construction as Station energization date extended to March 2024. Attend weekly construction calls. Review material and test reports for required material and coordinate the resolution of any problems associated with the material tests and construction specifications. Sixty (60) hours allocated for this task for civil engineer (40 hrs @ \$169), substation lead engineer and structural lead engineer (20 hrs @ \$250).

7. Project Management

Additional project supervision and control/invoicing to support Canal Switchyard Station projects as Station energization date extended to March 2024. Thirty (30) hours allocated for this task.

Assumptions (to complete project):

- None

Requested PCR Approval Date: 10/9/2023

Estimated Additional Cost:

Activities	Budget
1. POWER/WGI Landscape Design Coordination	\$ 5,750
2. Canal Stations Perimeter Wall Specifications and Drafting	\$ 7,580
3. Canal Switchyard – Coconut Road Entrance Removal	\$ 4,200
4. M7035 Local Control/Test Switches	\$ 4,500
5. Drainage & Stormwater Pipe Conduit Concern	\$ 14,330
6. Engineering Support During Construction	\$ 11,760
7. Project Management	\$ 7,020
Total Change Order (\$)	\$ 55,140

Impact on Schedule:

None

Impact on Deliverables:

None

Potential Impacts to other Project(s)/Department(s):

None

Submitted by: Ivette Sanchez



Approved by: David Martyniuk

Date: 10/6/2021

Date: _____



Project Change Request

Disciplines Impacted (check appropriate boxes):

- | | | |
|------------------------------------------|------------------------------------------------|----------------------------------------------------|
| <input type="checkbox"/> Project Mgmt. | <input type="checkbox"/> Electrical | <input type="checkbox"/> Environ. /ROW |
| <input type="checkbox"/> Project Control | <input type="checkbox"/> Controls | <input type="checkbox"/> POWER 360 |
| <input type="checkbox"/> Civil | <input checked="" type="checkbox"/> Substation | <input type="checkbox"/> Communications |
| <input type="checkbox"/> Structural | <input type="checkbox"/> Line | <input type="checkbox"/> Construction Mgmt. |
| <input type="checkbox"/> Mechanical | <input type="checkbox"/> Studies | <input type="checkbox"/> Testing and commissioning |
| <input type="checkbox"/> Other | | |

cc: