

**DATE:** February 3, 2020  
**TO:** Matt Jordan, General Manager  
**FROM:** Charles H. Carden, Chief Operating Officer *CHC*  
**SUBJECT:** Tampa Bypass Canal Gates Automation Project, Contract No. 2020-704, with PCL Construction, Inc. – *Approve*

**SUMMARY**

The Tampa Bypass Canal structures have five main gates for which the slide gates are equipped for automation, and this project will add automation equipment at nine more main gates. This project is co-funded by the Southwest Florida Water Management District (SWFWMD) up to \$516,000.

**RECOMMENDATION**

Approve Contract No. 2020-704 with PCL Construction, Inc.

**COST/FUNDING SOURCE**

\$1,028,250.00 / Capital Improvement Fund / SWFWMD Co-Funding

**DISCUSSION**

The project was originally bid last fall and only one timely sealed bid was received. The sole bidder's submittal was in the amount of \$1,683,000 and significantly higher than the project budget. The Board approved rejection of the award, as it would not be in the best interest of the agency and would result in a significantly increased cost to the agency. After the rejection, staff discussed re-bidding or amending an existing competitively bid contract for similar work.

The Board of Directors adopted Tampa Bay Water's Purchasing Procedures Manual on April 21, 2014 which allows the purchase of commodities and contractual services from the purchasing agreements of other special districts, municipalities, or counties ("piggyback").

Agency staff has evaluated a contract entered by Pinellas County and PCL Construction, Inc., for Pinellas County Utility Job Order Contracting (JOC) and found that it accurately meets the requirements of Tampa Bay Water and staff and the design engineer have determined pricing is fair and reasonable. The contract was awarded on January 26, 2016 and expires on approximately January 26, 2021.

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In order to evaluate the qualifications of PCL Construction, Inc., agency staff conducted a reference check with Pinellas County and verified that the company is in good standing with company information and is currently active with the Division of Corporations.

The value of this contract shall not exceed \$1,028,250.00 and is based on the attached proposal.

The proposed amendment has been approved as to form by Tampa Bay Water General Counsel's Office and is available upon request.

This project is co-funded by the Southwest Florida Water Management District (SWFWMD) in the amount of \$516,000. This project approach represents a savings of \$654,750.00 compared to the sole bid rejected by the Board in October 2019.

## **BACKGROUND**

This project will allow a more controlled release of water from pool to pool at the Tampa Bypass Canal and reduce water loss due to flood management. Additionally, automating the slide gates will improve the water quality of the surface water supply at the Tampa Bypass Canal pumping facility by better controlling the use of the larger flood gates which stirs up sediment from the bottom of the canal thereby impairing water quality. This project will also reduce the District's frequency of having to manually operate the larger flood control gates.

Attachment



January 10, 2020

Mr. Solomon Kang, P. E.  
Tampa Bay Water  
2575 Enterprise Road  
Clearwater, FL 33763

RE: **Project No. 07072 Tampa Bypass Canal Gates Automation Project**

Mr. Kang,

PCL Construction, Inc. is pleased to Tampa Bay Water with the following proposal to perform the work associated with the Tampa Bypass Canal Gates Automation Project.

The scope of supply and services, as well as, assumptions and exclusions are outlined below according to the discussions between the Pinellas County and PCL Construction, Inc.

Please review and we can discuss further if necessary.

**Proposal Cost: \$1,028,250**

***Scope of Work and Supply by PCL Construction:***

**Project Description:**

Install of nine motorized weir gate actuators, nine 3-way miter gearboxes, thirty-eight 5-ton screw jacks, and other structural and electrical modifications at the Tampa Bypass Canal Structures S-160, S-161, and S-162 as per attached Invitation to Bid, Specifications and Drawings.

***Assumptions:***

- Access for PCL Equipment to perform the scope of work (Dumpster, material storage, etc. –may need to be stored onsite for the duration of the work to be performed).
- Owner will grant access for PCL material suppliers to make deliveries as required (PCL will provide as much lead time notice as available and will have personnel and equipment available to take delivery).

**PCL CONSTRUCTION, INC.**

1 N Dale Mabry Hwy, Ste 1050, Tampa FL, 33609  
Telephone 813.425.1440 ♦ Facsimile 813.961.1575

***We encourage MBE / WBE / DBE participation. We are an Equal Opportunity Employer.***



- This proposal based upon reaching mutually acceptable terms in conformance with the existing Pinellas County Job Order Contract terms and conditions.
- This quote is valid for 90 days from date of submission.

***Exclusions:***

The following exclusions are based on discussions between Tampa Bay Water and PCL Construction, Inc.:

- No new I/O modules were noted on the drawing and as such, no new hardware for the PLC panel has been included.
- PCL will provide Tampa Bay Water a copy of a general Site Safety Program.
- Both parties shall agree to comply with the mutual party's safety programs.
- PCL will comply with the site security requirements that are in place.
- PCL will only be responsible for site clean-up and restoration in the immediate work areas and storage areas that will be used for the completion of the scope of work described.
- Demolition and/or disposal of hazardous materials.
- PCL will not be responsible for any onsite Hazardous Material encountered.
- Proposal excludes pricing for any remediation of hazardous material found on the existing site. This will be the sole burden and responsibility of the owner.
- Proposal excludes any compliance with Buy American, Buy America, Buy Domestic or similar.

If you should have any questions, please contact me at (813) 955-0808.

Sincerely,

Eric Nash  
PCL CONSTRUCTION, INC.

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## BID SCHEDULE FORM

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL AMOUNT
1	<b>Mobilization &amp; Demobilization</b>	Lump Sum			\$ 40,000.00
2	<b>Mechanical Demolition</b> (Remove existing gate shafts and top connection plates)	Lump Sum			\$ 28,000.00
3	<b>Electrical Demolition</b> (Remove existing column-mounted transformer and panel)	Lump Sum			\$ 3,500.00
4	<b>New Structural Steel</b> (Motor/Gear operator and actuator support assemblies)	Lump Sum			\$ 45,000.00
5	<b>Coating of Structural Steel</b> (Application of coating system on all new structural steel)	Lump Sum			\$ 7,500.00
6	<b>Flowserve Limitorque Motor Operators</b> (Model MX-20 with accessories)	Each	9	\$9,500.00	\$85,500.00
7	<b>Jack Screw Actuators, 5-ton Capacity</b> (Including threaded lift stems and stem guides)	Each	38	\$7,000.00	\$ 266,000.00
8	<b>Miter Gearboxes, 3-way</b> (Including shafts, couplings, and hardware)	Each	9	\$ 7,500.00	\$ 67,500.00
9	<b>Cable Retractor Systems with Accessories</b> (Including mounting equipment and stainless-steel hardware)	Each	9	\$950.00	\$8,550.00
10	<b>Handrail Demolition</b> (Remove existing handrailing and hardware on the gate side)	Linear Feet	280	\$ 35.00	\$ 9,800.00
11	<b>Handrail, 2 Rail Aluminum with Toe Plate</b> (Including fittings and hardware)	Linear Feet	280	\$275.00	\$ 77,000.00
12	<b>Instrumentation and Control Equipment</b> (Including switches, MODBUS communication, etc.)	Lump Sum			\$ 6,500.00
13	<b>Power/Control Wiring, Conduit, and Enclosures</b> (Including terminal boxes, circuit breakers, and transformer)	Lump Sum			\$ 100,000.00
14	<b>Mechanical Installation</b> (For motor/gear operators, structural members, handrail, etc.)	Lump Sum			\$ 144,000.00
15	<b>Electrical Installation</b> (For power/control wiring, conduit, enclosures, etc.)	Lump Sum			\$46,900.00
16	<b>Testing and Commissioning</b>	Lump Sum			\$ 7,500.00
17	<b>Project Close-out and Documentation</b>	Lump Sum			\$ 5,000.00
18	<b>Owner's Allowance</b>	Lump Sum			\$80,000
<b>PROPOSED TOTAL CONTRACT PRICE (Items 1-18 BASIS of AWARD)</b>					\$1,028,250.00
<b>PROPOSED TOTAL CONTRACT PRICE</b>					
One Million Twenty-Eight Thousand Two Hundred Fifty Dollars and Zero Cents					
(Amount Written in Words)					
<u>Note:</u> This form is the basis of awarding the bid and does not include every detail in the drawings & specifications.					