



**TO:** Honorable Mayor & Members  
Fort Lauderdale City Commission

**FROM:** Lee Feldman, City Manager

**DATE:** October 16, 2012

**TITLE:** Motion to approve Change Order No. 2 with Gonzalez & Sons Equipment, Inc. - Project No. 11405 - \$9,540.89 - NW Second Avenue Pump Station Improvements

**Recommendation**

It is recommended that the City Commission approve Change Order No 2. with Gonzalez & Sons Equipment, Inc. for the construction phase of the NW Second Avenue Pump Station Improvements project in the amount of \$8,916.72 and adding 476 days to the contract.

**Background**

Change Order No 2 consist of the four (4) items listed below:

- Item CO2-1: Conduit, wire and electric meter configuration changes to match FPL requirements..... LS 1 \$6,916.72

Design drawings for the project showed that the FPL meter was to be mounted to the pump station and this configuration was based on a meeting between an FPL representative and the consultant designer's electrical sub-consultant. Allowing that FPL standards may change, the designer (Hazen and Sawyer) added a note to the plans (Sheet E-3- Keyed Note 1) instructing the contractor to coordinate with FPL for the final location of the transformer and pad, prior to installing electrical items in order to confirm the current FPL requirements. The contractor installed items as shown on the plan. FPL inspected the site and required a different power supply configuration located about forty feet away from the pump station building. Initially, the contractor submitted a claim for \$7,980 and staff negotiated the cost down to \$6,916.72, by allowing only the difference between the required and installed electric meter configuration less the materials and labor to install the meter as shown on the plans. Had the contractor checked with FPL prior to installing the components, the changes required by FPL would have been additional to the contract and the costs to install what was shown on the plans would have been credited to the contract.

- Item CO2-2: Install a new conduit and wire to replace the deteriorated power supply conduit to the tank ..... LS 1 \$900.00

This item is for replacement of the underground power conduit from the existing electric meter at the site to the pump station. The conduit was found to be in deteriorated condition, and since it was the sole power source to the station, it had to be replaced to supply power to the pump station to supply the contractor with power necessary for the work. The contractor replaced approximately seventy feet of buried conduit and wire at a cost of \$900.00

- Item CO2-3: Connect the reinforcing steel in the new floor slab to the building's grounding system. .... LS 1 \$1,100.00

This item is for connecting the reinforcing steel in the new floor slab to the grounding system for the station. Change Order No 1 included replacement of the entire floor in the pump station because the existing floor was discovered be absent under a raised concrete area in the southeast corner of the station, and due to existing cracks. The reinforcing steel is required to be connected to the station's grounding network, by the building code. The contractor installed a connection between the reinforcing steel in the new floor slab and the buildings new grounding system at a cost of \$1,100.00

- A fourth item in the change order is extending the contract to a new completion date. The contractor's current schedule is to complete the project and demobilize from the site by December 16, 2012. City and consultant staff reviewed the schedule and found it to be reasonable. In order to extend the completion date, 476 days are added to the contract. The bulk of the additional days are due to the lengthy period of negotiations between the City and FPL over the power supply agreement. This period started with the rejection of the City's easement by FPL on January 7<sup>th</sup> 2011 and ended with the installation of the electric meter by FPL on July 24, 2012, a total of 564 calendar days. The power supply issues did not start to significantly impact the contractor's work until February of 2012.

Additionally, the contractor did not correctly account for the delays associated with replacing the floor slab approved in change order No 1. The contractor added 1.5 days for the work in the change order, and did not plan for the time from notifying the City of the deficiencies with the existing slab to starting the work to replace the slab. The time, including design of the new slab, negotiating a cost for the work, permitting the changes, and scheduling the work lasted 152 days.

The total change order amount to date is 24, 054.07, which includes \$15,137.35 for change Order 1 approved on June, 2011, and \$8,916.72 for change order No. 2 included on this memorandum.

**Resource Impact**

There is a fiscal impact to the City in the amount of \$8,916.72 for the change order and \$624.17 for seven percent (7%) of the total, for inspection and administrative services, for a total of \$9,540.89. Funding for this item is available in Fund 454, Subfund 01, P11405.454 -6599.

AVAILABLE							
FUND	SUBFUND	FUND NAME	INDEX #	INDEX NAME	SUB OBJECT #	SUBOBJECT NAME	AMOUNT
454	01	Water and Sewer General Capital Projects	P11405.454	NW 2nd Ave Pump Station Rehab	6599	Construction	\$ 9,540.89
<b>TOTAL</b>							<b>9,540.89</b>

**Attachment**

Exhibit 1 – Change Order No. 2

Exhibit 2 – Change Order No. 1

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