



TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Lee R. Feldman, ICMA-CM, City Manager

DATE: November 19, 2013

TITLE: Motion to approve Final Change Order No. 3 and close-out for Riverland Area Sanitary Sewer and Water Main Improvements with Gonzalez & Sons Equipment, Inc., in the credit amount of \$209,578.39 – Project – P10940B

Recommendation

It is recommended that the City Commission approve Final Change Order No. 3 and close-out with Gonzalez & Sons Equipment, Inc., (Gonzalez) in the credit amount of \$209,578.39 for the Riverland Area sanitary sewer and water main improvements, project P10940B.

Background

On July 7, 2010, Gonzalez was awarded the \$5,558,007.04 Riverland Area sanitary sewer and water main improvements contract by the City Commission. Construction began on January 31, 2011, and was completed on September 26, 2012.

The project was certified by Broward County on March 20, 2013, connects 357 properties to the City's sanitary sewer system, and included replacement of approximately three (3) miles of water main. This change order includes modifications required to expedite the construction duration, adjust for changes required to meet field conditions, and additional items required to re-establish the aesthetic quality and longevity of the project.

Additional Roadway Construction:

In order to expedite construction and maintain better access for residents and emergency vehicles, the sewer main line was shifted slightly off the centerline of the road on the following five (5) streets: 1) Arbor Drive, 2) Andros Lane, 3) Bimini Lane, 4) Cat Cay Lane, and 5) Southwest 34th Avenue (Duck Key). The sewer main line shift was successful but additional costs were incurred to restore residential driveways that were not originally anticipated to be impacted.

During the sewer line construction on Riverland Road, the adjacent pavement and sub-base were deemed unstable and insufficient for the safety of motorists and longevity of the road. The segment of Riverland Road from Andros Lane to Southwest 31st Avenue was subsequently reconstructed as result of unanticipated field conditions. The newly paved road has become an enhancement to the neighborhood.

Water Main Repairs:

During the Riverland Road sewer excavation, exposed water main segments to side streets were found to have poured lead joints. Once poured lead joints are exposed, they tend to fail. Therefore, they are typically replaced throughout the City when discovered to prevent future water main repairs. The contractor was directed to replace those sections as per the City's water main policy.

Quantity Adjustments:

Various quantity items required adjustments to meet underground field conditions encountered during construction. Additional items totaling \$889,371.81 represent those exceeded contract quantities, for example:

- Item 2(a)2 - 6 inch ductile iron pipe (DIP) Class 350 Water Main, \$131,824.28
- Item 3(d)5 - Sanitary sewer lateral deeper than 3 feet, \$165,580.80
- Item 3(f)1 - Furnish and install imported backfill, \$54,896.14
- Item 4(c)2 - Driveway restoration - asphalt, \$140,366.24

The unused contract quantities totaling a credit of (\$1,098,950.20) for example:

- Item 1(f)1 - Environmental allowance, (\$100,000)
- Item 1(g)1 - Florida Power & Light (FPL) allowance, (\$39,857.36)
- Item 1(h)1 - Landscaping and tree trimming allowance, (\$238,818.25)
- Item 3(d)1 - Single, sanitary sewer lateral, (\$77,589)
- Item 4(c)5 - Driveway restoration - brick pavers, (\$104,885.44)

The amount of this Change Order is a net credit of (\$209,578.39). A summary of these unforeseen quantity adjustments are summarized in Exhibit 1, Change Order No. 3.

The approval of this change order for the exceeded contract quantities will facilitate the processing of payment application #13 in the amount of \$973,355.13. It is important to note that payment application #13 could not be processed for payment until this change order was approved. Additionally, the City is withholding \$258,482.71 of nonperformance punch list work that the contractor has failed to complete to date. The City has notified the contractor's surety company due to Gonzalez's inability to perform the punch list items.

Resource Impact

There is a fiscal impact to the City in the credit amount of \$209,578.39, which reflects the amount for additional services and credits as shown in Exhibit 1, Change Order No. 3 with Gonzalez & Sons Equipment, Inc.

FISCAL YEAR	FUND	SUBFUND	FUND NAME	INDEX #	INDEX NAME	SUBJECT #	SUBJECT NAME	AMOUNT
2014	454	01	Water and Sewer General Capital Projects	P10940.454	SEWER AREA 19 ANNEXED	6599	Construction	(\$209,578.39)
							TOTAL	(\$209,578.39)

Strategic Connections

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the **Infrastructure Cylinder of Excellence**, specifically:

- **Goal 2:** Be a sustainable and resilient community.
- **Objective 1:** Proactively maintain our water, wastewater, road, and bridge infrastructure.

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Ready*

Attachment: Exhibit 1 – Change Order No. 3
 Exhibit 2 – Punch List

Prepared by: Jill Prizlee, P.E., Project Engineer

Department Director: Hardeep Anand, P.E., Public Works Director