



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

FROM: Lee Feldman, ICMA-CM, City Manager

DATE: July 2, 2013

TITLE: Motion to approve final Change Order for Flagler Drive Greenway and Bicycle Facility with MBR Construction, Inc., in the amount of \$13,673.35 and 68 working days

Recommendation

It is recommended that the City Commission approve Change Order No. 3 (Final) with MBR Construction, Inc., (MBR) in the amount of \$13,673.35 and 68 working days for the Flagler Drive Greenway and Bicycle Facility Project - P11193.

Background

Flagler Drive Greenway is approximately 2,800 linear feet in length and is located along NE Flagler Drive Right-of-Way between East Sunrise Boulevard and North Andrews Avenue. The construction work includes the reduction of the existing 4-lane road (NE Flagler Drive) into a 2-lane road with on-street parking in one direction, crosswalks, minor drainage modifications, benches, trash receptacles, signage and striping, landscaping and adding an 8 foot wide multi-purpose bike path/sidewalk along the 8 foot comingled pathway.

Construction plans were reviewed and approved by Florida Department of Transportation (FDOT) and Broward County. However, during Broward County's construction inspection, changes were requested by the County which resulted in change to the contracted scope. Additionally, a change in scope also occurred due to field conditions/unforeseen conditions which could not be identified during the design phase. These changes are summarized below:

- Lime rock removal (\$782.56): During design, the depth of the lime rock base to be excavated was assumed at 10 inches, however, during construction, there were areas that had depths of 12 inches which resulted in an increase in the overall budgeted quantity for this line item. The payment for the overage in quantity is based on the established unit price in the bid.
- Clean Fill (\$5,011.60): Additional quantity of clean fill was required due to the additional lime rock removal. Additional areas were also identified for landscaping during

construction which required clean fill to be placed. The payment for the overage in quantity is based on the established unit price in the bid.

- Electrical Conduits (\$3,300.00): During construction, Broward County modified the permit to include dual electrical conduits for pedestrian signals. Additional electrical conduits, 660 linear feet, were added via directional bore under the asphalt roadway and payment is based on the established unit price of bid.
- Extended Maintenance of Traffic (\$1,733.49): During the course of the project, it was decided to incorporate green colored concrete. This decision required additional manufacturing time with the concrete company as well as coordination with FDOT and the City. As a result, the contractor was required to implement and maintain traffic control for an additional 68 days. The cost for this item was prorated based on 80 days of Maintenance of Traffic on the original bid.
- Tree Trimming (\$2,244.00): Approximately 50 trees needed to be trimmed since the tree canopy and branches extended over the sidewalk as well as blocked the line of visibility to the newly installed signage along the Greenway. This scope was therefore undertaken to facilitate safety for pedestrians and bicyclists. The tree trimming was performed under the supervision of a certified arborist and the cost was negotiated with the contractor.
- Traffic Control Modifications (\$9,807.38): This change was required due to increase in the cabinet size to accommodate new pedestrian crossing equipment at the intersection of NE 3 Ave and Flagler Drive. This change was requested by Broward County and the FDOT has agreed to fund this item under the LAP agreement.
- Installation of detectable warning mats (\$1,401.60): This change was required to install American with Disabilities Act (ADA) detectable warning mats to bring existing ramps into compliance with ADA requirements. No ADA warning mats were identified on the existing ramps and Broward County required this unidentified change to meet ADA requirements.
- Traffic Signs Assemblies (\$2,943.84): There were additional informational/guide signs that were requested by Broward County during the course of construction activities and inspections.

Staff recommends the approval of Change Order No. 3 (Final) to pay for work completed by the Contractor in the amount of \$13,673.35 and 68 working days. Upon approval of this Change Order, staff will be able to pay the contractor and complete FDOT documentation for closure of the project.

Resource Impact

There is an estimated fiscal impact to the City in the amount of \$13,673.35. This includes \$9,807.38 in FDOT reimbursements for Change Order No. 3 (Final) with MBR Construction, Inc.

AVAILABLE FUNDS:								
FISCAL YEAR	FUND	SUBFUND	FUND NAME	INDEX #	INDEX NAME	SUBJECT #	SUBJECT NAME	AMOUNT
2013	129	01	Misc Federal/State/County Grants	P11193.129A	Flagler Drive Greenway & Bicycle Facility #2	6599	Construction	-\$3,743.74
2013	331	01	General Fund	PKR062501	Athletic Field Maintenance	3237	Lawn & Tree Services	\$2,244.00
2013	108	01	Community Redevelopment	CD091949	Flagler Drive Greenway & Bicycle Facility (P11193)	6599	Construction	\$15,173.09
							TOTAL	\$13,673.35

Attachment:
Exhibit 1 – Change Order No. 3 (Final)

Prepared By: Yugal K. Lall, P.E., Assistant City Engineer

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