

To: Lee R. Feldman, City Manager
From: Hardeep Anand, P.E., Public Works Director
Date: August 19, 2014
Re: Change Order (X) Additional Work (X)

Job Description: Project 11422 (re-bid) – SE 15th Street Boat Launch & Marine Complex Improvements

Contractor: MBR Construction, Inc.

Amount: Total increases this change order – Additive Change Orders: \$45,503.17
Total decreases this change order – Deductive Change Orders: (\$15,884.29)
Total Amount of Change Order #2, plus eight (8) additional days \$29,618.88

Funding: P11422.129B -6599 \$9,019.50, P11422.129D-6599 (\$1,585.20),
P11422.129E-6599 \$7388.55, and P11422.129F-6599 \$14,796.05; **PP133030**

The purpose of this Change Order is to compensate the Contractor for additional required work being performed and to increase Contract time to account for rain delays.

This boat launch and marine complex improvements project includes the installation of public and police floating docks, Marine Police building upgrades, ADA accessibility enhancements, sustainable and environmentally friendly products/materials, monument signage and water, sewer and drainage improvements. During the permitting phase of this project, it was determined that additional electrical work would be required for the police building to meet current codes. The additional electrical work is complex and will be required in order to close the project out. Other cost increases to this project come from revisions to the floating dock configuration to allow for proper public access, as well as the installation of concrete at the picnic pavilion to meet ADA requirements, adding recycling receptacles to be environmentally friendly and additional permit fees that are above the allowance value in the Contract. The City's Construction Management Team negotiated the cost for each of the items with the General Contractor, and the result of the negotiation is indicated in the numbers shown below.

NEW AND EXISTING CONTRACT ITEMS ARE UTILIZED – TOTAL CREDIT: (\$15,884.29)

ITEM 10: Contractor shall provide credit for all materials, labor, tools, incidentals and equipment with respect to the project due to the elimination of a plastic, consumer-grade, three unit recycle container at the eastern boat ramp. This container is to be replaced with a heavy-duty, tamper-resistant, metal container, to match what is on the approved plans for the western boat ramp. (See attached Contractor's COPR #8)

DEDUCT: (\$277.04)

ITEM 9: Contractor shall provide credit for all materials, labor, tools, incidentals and equipment with respect to the project due to the elimination of four (4) dolphin piles (labor only). Per the Marine Police Department's request – after the materials were delivered to the project site – the dolphin piles were deleted from the Contractor's scope as they were deemed unnecessary. (See attached Contractor's COPR #9)

DEDUCT: (\$800.00)

ITEM CO2-1: Contractor shall provide credit for all materials, labor, tools, incidentals and equipment with respect to the project due to miscellaneous sewer design revisions, including the elimination of a doghouse manhole, as the additional/designed structure was deemed unnecessary. (See attached Contractor's COPR #3)

DEDUCT: (\$6,000.00)

ITEM CO2-1: Contractor shall provide credit for all materials, labor, tools, incidentals and equipment with respect to the project due to miscellaneous sewer material revisions, including the substitution of 173 Lineal Feet of 4" C900 PVC forcemain pipe in lieu of 4" epoxy lined forcemain pipe. This material substitution was deemed to be the preferred/best option for a project in a saltwater environment with a high water table. (See attached Contractor's COPR #3)

DEDUCT: (\$2,595.00)

ITEM CO2-1: Contractor shall provide credit for all materials, labor, tools, incidentals and equipment with respect to the project due to the elimination of 456 LF of 4" CL350 water main. The elimination of this water main piping was caused by a reevaluation & redesign of the proposed pipe layout, which caused a reduction in required materials. (See attached Contractor's COPR #3)

DEDUCT: (\$2,280.00)

ITEM CO2-2: Contractor shall provide credit for all materials, labor, tools, incidentals and equipment with respect to the project due to the deletion of the monument signage that was originally shown on the design drawings sheet C4 and C6. During construction the City's standard monument sign design changed. To reduce costs related to this design change the Transportation and Mobility Department has decided to purchase and install the sign separately from this Contract. (See attached Contractor's COPR #4)

DEDUCT: (\$3,675.00)

ITEM 9: Contractor shall provide credit for all materials, labor, tools, incidentals and equipment with respect to the project due to the revision of the picnic shelter flooring to be in compliance with ADA regulations for accessibility. The elimination of the originally planned gravel pad will require the installation of a permeable concrete pad, which is addressed as a separate item. (See attached Contractor's COPR #6)

DEDUCT: (\$257.25)

NEW AND EXISTING CONTRACT ITEMS ARE UTILIZED – TOTAL ADDITIVE COST: \$45,503.17

ITEM 10: Contractor shall furnish all materials, labor, tools, incidentals, and equipment required to provide and install a heavy-duty, tamper-resistant, metal, three unit recycle container at the eastern boat ramp, to match what is on the approved plans for the western boat ramp. This change is necessary in order to replace the originally designed plastic, consumer-grade, three unit recycle container with a more durable product that matches what is already being installed elsewhere in the project. (See attached Contractor's COPR #8)

ADD: \$3,018.62

ITEM CO2-1: Contractor shall furnish all materials, labor, tools, incidentals, and equipment required with respect to the project due to miscellaneous sewer connection and piping revisions, including adding materials and labor required to core into an existing sanitary manhole and connect the forcemain pipe to the manhole with epoxy coated bends and fittings. This additional work is required to complete the sewer line installation in lieu of installing and connecting to the doghouse manhole that was in the original design drawings. (See attached Contractor's COPR #3)

ADD: \$4,500.00

ITEM 9: Contractor shall furnish all materials, labor, tools, incidentals and equipment required to provide and install a permeable concrete pad, on a compacted limerock base, beneath the picnic shelter. This concrete pad, in lieu of the originally designed gravel pad, is required to ensure the project is in compliance with ADA regulations for accessibility. (See attached Contractor's COPR #6)

ADD: \$2,756.25

ITEM CO2-3: Contractor shall furnish all materials, labor, tools, incidentals, and equipment required to revise and relocate the electrical service panels and meters currently serving the existing Marine Police Building. This work will also include all materials and efforts required to cut and patch walls in the old electric room, exterior walls, ceilings and drywall inside the police building, after the electrical relocation work is completed. (See attached Contractor's COPR #5)

ADD: \$18,039.00

ITEM 3: The current project Contract includes an allowance of \$27,000.00 for permitting. Permit fees paid-to-date by the Contractor total \$38,800.55 and an estimated additional \$3,000.00 will be required to be paid, in order to acquire the remaining construction permits and obtain certificates of occupancy at the end of the project. The difference in available and required funds (\$14,800.55 max/estimated) will need to be added to the Contract to allow the Contractor to complete the permitting process. (See attached Contractor's COPR #7)

ADD: \$14,800.55

ITEM 9: Contractor shall furnish all materials, labor, tools, incidentals and equipment required to provide and install a self-supporting, pressure-treated, wood platform extension on the new floating public docks to allow for proper pedestrian access. During construction, the docks were reconfigured to allow for additional space for public boat dockage. This reconfiguration requires an extension to be installed on the floating docks in order to provide a proper access point to the docks for the public – outside of the secured Marine Police access point. (See attached Contractor's COPR #10)

ADD: \$2,388.75

ADDITIONAL CONTRACT TIME BEING REQUESTED – EIGHT (8) CALENDAR DAYS:

As of the date of this Change Order, the project has experienced delays on the work progress due to rain events that are considered above normal for the time of year. Since early March, there has been approximately thirteen (13) days that were cut in half due to afternoon thunderstorms where no work could be performed. The requested time extension is set at six (6) working days, or eight (8) calendar days, to account for the 50% reduction in productivity on those days.

TOTAL AMOUNT OF THIS CHANGE ORDER

\$29,618.88

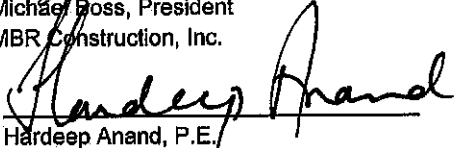
This Change Order provides for all costs and schedule adjustments associated with completing the work, including materials, labor, equipment, bond, insurance, overhead, profit, impacts, and any and all related items or associated costs incurred or resulting from the items listed above.

Approved:


Michael Ross, President
MBR Construction, Inc.

7/23/14
Date

Recommended by:


Hardeep Anand, P.E.
Public Works Director

7/23/14
Date

Approved by:

Lee R. Feldman
City Manager

Date

c: Talal Abi-Karam, P.E., Assistant Public Works Director
Jeffrey Benjamin, P.E., Construction Manager
Christopher Bennett, P.E., Senior Project Manager
Financial Administrator

Project File

CHANGE ORDER SUMMARY SHEET

ORIGINAL CONTRACT AMOUNT	\$1,690,270.00
COST OF CHANGE ORDERS TO DATE	\$0.00
TOTAL:	\$0.00
COST OF THIS CHANGE ORDER	\$29,618.88
TOTAL:	\$1,719,888.88
ORIGINAL CONTRACT TIME	425 calendar days
TIME ADDED TO DATE	0 calendar days
TOTAL:	425 calendar days
TIME ADDED TO THIS CHANGE ORDER	8 calendar days
TOTAL:	433 calendar days

SCHEDULE OF CHANGE ORDERS TO DATE

<u>C.O.#</u>	<u>DATE</u>	<u>DESCRIPTION</u>	<u>AMOUNT OF COST OR CREDIT</u>
1	1/22/2014	Various credits and additions	\$0.00