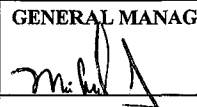
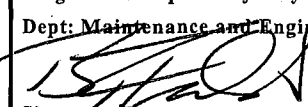


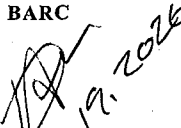




EXECUTIVE DECISION DOCUMENT

GENERAL MANAGER APPROVAL:  2/19/2020		GENERAL MANAGER ACTION REQ'D: Yes		
DATE: 1/13/2020		BOARD INITIATED ITEM: No		
Originator/Prepared by: Bryant Fields Dept: Maintenance and Engineering  Signature/Date: 2/13/2020	General Counsel  2/19/2020	Controller/Treasurer  2/19/2020	District Secretary []	BARC  2/19/2020 []

Request for Authority to Execute Change Order No. 007 to Contract No. 15EJ-171 for Additional Expansion Joints for Phenolic Reinforced Thermosetting Resin Conduit

PURPOSE:

To authorize the General Manager to Execute Change Order No. 007 to Contract No. 15EJ-171 for Additional Expansion Joints for Phenolic Reinforced Thermosetting Resin Conduit (RTRC), in an amount not to exceed \$1,000,000.00 with zero (0) compensable calendar day extension of the Contract duration.

DISCUSSION:

On August 9, 2018 the Board of Directors authorized the General Manager to award Contract No. 15EJ-171, 34.5KV Cable Replacement M-Line MVS Switching Station and MTF, MSS, MPS and MTW Substations, to DMZ Builders Co., Inc. in the amount of \$79,195,100.00. The Contract provided for the upgrade of the aging 34.5 kV cable system and includes replacement and installation of sections of 34.5 kV feeder cable circuits (MLC and MRC circuits), on M2 and M1 tracks between MVS Switching Station and MTW Substations.

The District has determined that there is a need to reduce expansion joint spacing along the phenolic RTRC. This will increase the total number of expansion joints to be installed on the project. Based on recent lab testing results, the additional expansion fittings will enhance pull-out strengths of phenolic RTRC fittings in the event of a significant seismic event.

The Change Order will compensate the Contractor for the labor, equipment, and material expenditure for installing the additional expansion joints.

This Change Order cost represents approximately 1.26% of the base amount of the contract and compensates the contractor for the additional increased cost of working during non-revenue hours.

CAPITAL FISCAL IMPACT:

Funding of the not to exceed amount of \$1,000,000 for change order No. 007 to Contract No. 15EJ-171 is included in the total project budget for FMS# 15EJ450 M-Line 34.5KV Replacement Phase II. The Office of Controller/Treasurer certifies that funds are currently available to meet this obligation. The following table depicts funding assigned to the referenced project and is included in totality to track funding history against spending authority. Funds needed to meet this request will be expended from a combination of these sources as listed.

As of January 14, 2020, \$119,034,000 is available for this project from the following sources:

Fund Description	Amount
Various FTA Grant Sources	1,520,000
Local Area Bridge Toll	80,000
BART Funds	300,000
Measure RR GOB	117,134,000
Total	119,034,000

BART has expended \$31,979,770, committed \$60,831,157 and reserved \$1,500,000 to date for other action. This action will commit \$1,000,000 leaving an available fund balance of \$23,723,073 in this project.

There is no fiscal impact on available unprogrammed District Reserves.

ALTERNATIVES:

The Board may elect not to authorize the execution of this Change Order. Failure to issue this Change Order may lead to equipment damage and/or impacts to system operations in the event of a seismic event along the M-Line Tunnel.

RECOMMENDATION:

Recommend that the Board approve the following Motion:

MOTION:

The General Manager is authorized to execute Change Order No. 007 to Contract No. 15EJ-171 for Additional Expansion Joints for Phenolic Reinforced Thermosetting Resin Conduit, with DMZ Builders Co., Inc. in the amount not to exceed \$1,000,000.00 and to extend the Contract completion date by zero (0) calendar days.

EXECUTIVE DECISION DOCUMENT

ATTACHMENT #1

CHANGE ORDER SUMMARY

BACKGROUND

Name of Contractor: DMZ Builders Co., Inc.

Contract No./NTP: 15EJ-171 / September 28, 2018

Contract Description: 34.5KV Cable Replacement M-Line MVS Switching Station and MTF, MSS, MPS and MTW Substations

Percent Complete as of 11/30/2019 30.23%

<u>COST</u>	<u>% of Award</u>	<u>CO Totals</u>	<u>Contract Amount</u>
Original Contract Award Amount			\$79,195,100.00
Change Orders:	6.81%	5,394,000.00	
Other than Board Authorized C.O.s	0.09%	\$74,547.10	
Pending Board Authorized C.O.s	<u>1.26%</u>	<u>\$1,000,000.00</u>	
Subtotal of all Change Orders	8.17%	\$6,468,547.10	
<u>Revised Contract Amount:</u>			\$85,663,647.10

SCHEDULE

Original Contract Duration:	1800 days
Time Extension to Date:	249 days
Time Extension Due to Approved COs:	0 days
Revised Contract Duration	2049 days

SUMMARY REASON FOR THESE CHANGE ORDER(S)

The District also wishes to reduce expansion joint spacing along the phenolic RTRC. This will increase the total number of expansion joints to be installed on the project. Based on recent lab testing results, the additional expansion fittings will further enhance pull-out strengths of phenolic RTRC fittings in the event of a significant seismic event.