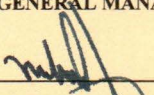
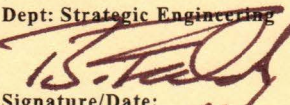
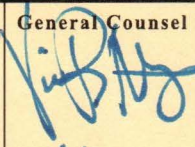
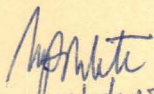
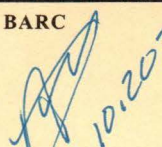




EXECUTIVE DECISION DOCUMENT

GENERAL MANAGER APPROVAL:  11/10/2020		GENERAL MANAGER ACTION REQ'D:		
DATE: 9/21/2020		BOARD INITIATED ITEM: No		
Originator/Prepared by: Bryant Fields Dept: Strategic Engineering  Signature/Date: 11/5/2020	General Counsel  11/6/20 []	Controller/Treasurer  11/5/2020 []	District Secretary []	BARC  11.10.2020 []

Request for Authority to Execute Change Orders to Contract 15EJ-171

PURPOSE:

To obtain Board authorization for the General Manager to execute Change Order Nos. 012 and 025 to Contract No. 15EJ-171 for 34.5KV Cable Replacement M-Line MVS Switching Station and MTF, MSS, MPS and MTW Substations, in a total amount not to exceed \$850,000.00.

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 provides 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.

To date, the District has issued Change Orders to this Contract in the total amount of \$6,326,719.39, which is 8% of the original Contract amount. Project Staff has identified additional Change Orders (12 and 25) in the not to exceed amount (NTE) of approximately \$850,000.00.

Summary	Amount	Percentage of Base Bid
Total Base Bid Amount	\$79,195,100.00	
Agreed/Executed Change Orders (##)	\$6,326,719.39	7.99%
Potential Change Orders	\$850,000.00	1.07%
Revised Contract Amount	\$86,371,819.39	

Change Orders 12 and 25 will resolve costs associated with additional security enclosures for high voltage equipment and access restrictions impacting contractor work limits. Descriptions of the Change Orders cost are set forth below.

Change Order No. 12 – Anticipated Cost: \$400,000 for the labor, equipment, and material expenditure for constructing security enclosures for new Isolation Disconnect Switches (IDS's). Permanent security enclosures will further improve electrical safety and separate the new IDSs at the MSS and MTF substations from public access areas.

Change Order No. 25 – Anticipated Cost: Not to Exceed \$450,000 for the labor, equipment, and material expenditure for construction sequencing modifications. The District plans to remove 11 single tracking Sundays from the contractor's schedule, between 24th Street Station and Glen Park Station and shift work forward approximately one year. This reduction in 11 single tracking Sundays minimizes impacts to patrons on given dates and maintains the 30-minute headway. By shifting this work forward and completing now, the district can utilize the extended blanket and reduce BART's total cost by approximately \$2.13M dollars.

All change orders will be approved by the Office of General Counsel prior to execution.

CAPITAL FISCAL IMPACT:

Change Order No 012 funding is not to exceed amount of \$400,000. Change Order No. 025 funding is not to exceed amount of \$450,000. These two change orders add a total amount of \$850,000 to Contract No. 15EJ-171 and 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 September 21, 2020, \$120,234,481 is available for this project from the following

sources:

Fund Description	Amount
Various FTA Grant Sources	3,733,610
Local Area Bridge Toll	80,000
BART Funds	853,402
Measure RR GOB	115,567,469
Total	120,234,481

BART has expended \$53,203,719, committed \$46,730,505 and reserved \$0 to date for other action. Change Orders Nos. 012 and 025 will commit \$850,000 leaving an available fund balance of \$19,450,257 in this project.

There is no fiscal impact on available unprogrammed District Reserves

ALTERNATIVES:

The Board may elect not to authorize the execution of these Change Orders. Failure to issue these Change Orders will lead to revenue service delays and negative public safety issues.

RECOMMENDATION:

Recommend that the Board approve the following Motion:

MOTION:

The General Manager is authorized to execute Change Order Nos. 012 and 025 in an aggregate amount not to exceed \$850,000 to Contract No. 15EJ-171, 34.5KV Cable Replacement M-Line MVS Switching Station and MTF, MSS, MPS and MTW Substations.

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 09/30/2020 53.65%

<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:	7.99%	\$6,326,719.39	
Other than Board Authorized C.O.	1.07%	\$850,000.00	
Pending Board Authorized C.O.			
Subtotal of all Change Orders	9.06%	\$7,176,719.39	
<u>Revised Contract Amount:</u>			\$86,371,819.39

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)

- *Change Order No. 012:* Permanent security enclosures need to be constructed to separate the new IDSs at the MSS and MTF substations from public access areas.
- *Change Order No. 025:* Platforms at the 24th Street Mission station are being used by Berryessa trains on Sundays, which eliminates the Contractor's access to both tracks at the 24th Street Mission station during the Sunday single-tracking windows.