



EXECUTIVE DECISION DOCUMENT

GENERAL MANAGER APPROVAL:		GENERAL MANAGER ACTION REQ'D:		
DocuSigned by: <i>Michael Jones</i> 47000790F2D7463...		N/A		
DATE: 4/19/2023		5/4/2023		
BOARD INITIATED ITEM: No				
Originator/Prepared by: Christopher-Loy Contreras Dept: Strategic Engineering	General Counsel	Controller/Treasurer	District Secretary	BARC
DocuSigned by: <i>Michael Gerbracht</i> 09289FE4E24436...	DocuSigned by: <i>Jeana Belan</i> F8FD7B3A73E74E8...	DocuSigned by: <i>Chris Gan</i> EE11C8CEEEA04FD...		DocuSigned by: <i>Shane Edwards</i> 8128A2EB2F014F3...
Signature/Date: 5/1/2023	5/1/2023	5/1/2023		5/1/2023
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PURCHASE OF SERIAL SERVERS

PURPOSE:

To obtain Board authorization for the General Manager to purchase 24 units of serial servers from Engage Communication, Inc in the amount of \$108,682.

DISCUSSION:

The serial server is one of the major components of the communications network which allow devices to communicate on a modernized network utilizing newer technology. This purchase is for the procurement of 24 units of serial servers to be installed as part of the Net.com State of Good Repair Project. The Project is for replacement of the obsolete train control communications network for the Castro Valley / Pleasanton Line. The scope includes installing new and modern components in Lake Merritt Annex building and in train control rooms and huts. This new network will provide greater reliability and maintainability of the train control system.

BART project staff requested and received quotes from three separate vendors in March 2023. The table below lists the responsive vendors as well as their total amount quoted for 24 units of serial servers.

Vendor	Location	Price Quoted
Goldfield Telecom	Goldfield, IA	\$119,708
Engage Communication	Aptos, CA	\$108,682
ACG Systems	Annapolis, MD	\$119,070
Engineering Estimate		\$110,000

Pursuant to the District's Disadvantaged Business Enterprise ("DBE") Program, the Office of Civil Rights has determined that as an informal purchase, the DBE Program does not apply to this purchase; therefore, no DBE participation goal was set for this procurement.

FISCAL IMPACT:

Funding of \$108,682 for the purchase of 24 Engage Serial Servers for the District's L- Line is included in the total Project Budget for FMS #20LT006 – Net.Com State of Good Repair.

The table below lists funding assigned to the referenced project and is included to track funding history against spending authority. Funds needed to meet this request will be expended from the following sources:

Fund Group	Fund Description	Amount
FTA	F/G 3017/3605/3614- Federal Transit Administration	\$1,015,196
BART	F/G 8526/8529/8533/8536 - Capital Improvement Allocation	\$1,553,799
	TOTAL	\$2,568,995

As of 04/20/2023, \$2,568,995 is the total budget for this project. BART has expended \$1,662,793, committed \$118,626, and reserved \$54,061 to date. This action will commit \$108,682, leaving an available fund balance of \$624,833 in the fund sources for this project.

The office of Controller/Treasurer certifies that funds are currently available to meet this

obligation.

This action is not anticipated to have any Fiscal Impact on unprogrammed District reserves.

ALTERNATIVES:

The Board can elect not to approve award of the contract, which would prevent or delay replacement of the obsolete train control communications network on the Castro Valley / Pleasanton Line. This could pose a risk of disruption to revenue services due to low reliability of the aging infrastructure and unavailability of replacement network hardware.

Recommendations:

It is recommended that the Board adopt the motion:

Motion:

The General Manager is authorized to purchase 24 units of serial servers from Engage Communication in an amount of \$108,682.