



STAFF REPORT

DATE: May 10, 2021
TO: Sacramento Regional Transit Board of Directors
FROM: Laura Ham, VP, Planning and Engineering
SUBJ: CONDITIONALLY AWARDING A CONTRACT FOR 1225 R STREET ELECTRICAL AND MECHANICAL UPGRADES TO STUDEBAKER BROWN ELECTRIC, INC.

RECOMMENDATION

Adopt the Attached Resolution.

RESULT OF RECOMMENDED ACTION

Award of this Contract will provide the infrastructure upgrades needed for 1225 R Street.

FISCAL IMPACT

The bid amount for Contract for 1225 R Street Electrical and Mechanical Upgrades is \$500,000. The Contract includes work for both the Data Center Uninterruptible Power Supply (UPS) Runtime Increase Project and R Street Future Security Operation Center (SOC). The cost of this agreement is included in the Capital Budget amendment presented to the Board for approval this evening.

DISCUSSION

Sacramento Regional Transit District (SacRT) owns the property and building at 1225 R Street where the SacRT Customer Service Center is located. There are opportunities to use the building space for other purposes as well; however, the building has reached its maximum electrical power capacity and there is no room for additional uses without upgrading the existing electrical and mechanical systems. For example, SacRT would like to have the option for move the SOC to 1225 R Street. The relocated SOC would include Information Technology (IT) components consisting of system servers, network switches, workstations, and a video wall consisting of multiple display units that collectively display both graphic images and standard video images.

SacRT would also like to upgrade the UPS in the existing IT Equipment Room within the building. UPS systems are a critical component to data center backup power. Without them, power fluctuations and outages can take down business applications, damage hardware and ultimately interrupt SacRT core business services. The IT Equipment Room at the 1225 R Street location serves as the main data center for SacRT and, as such, contains much of the server hardware, software and storage supporting critical SacRT operations.

The upgrade to the UPS is necessary to eliminate the risk associated with rolling brownouts such as those experienced in 2019, which caused the existing UPS storage to completely deplete and triggered total equipment shut down in an unplanned manner also known as a “crash”. Once IT staff arrived onsite and began recovery activities, it took a total of 18 hours of continuous work to restore all services. During this time, many core business systems were unavailable. The UPS upgrade will greatly reduce the possibility of this scenario happening again. Along with the UPS upgrade, an HVAC upgrade will also be installed to accommodate the additional server and UPS heating loads.

Engineering plans and technical specifications necessary for the following infrastructure upgrades were developed and included in an Invitation for Bid released on PlanetBids on January 29, 2021:

1. Install a new electrical panel fed from the existing switchboard to serve new power for the workstations and video wall for a future SOC and power drops to the cubicles in the relocated Customer Service Area.
2. Install a new electrical feed from the existing switchboard to a new UPS in the IT Equipment Room.
3. Install a new UPS in the IT Equipment Room.
4. Install new HVAC equipment in the IT Equipment Room.
5. Install new conduit to all communication devices.

The other IT components and video wall will be procured separately.

On February 19, 2021, the following bids were received:

<u>Bidder</u>	<u>Bid Amount</u>
Division 5-15, A California Corporation (deemed non-responsive)	\$349,500
Studebaker Brown Electric Inc	\$500,000
Shane Brown Electric	\$576,000
Bockmon & Woody Electric Co., Inc	\$639,900

Staff determined the bid from Division 5-15, A California Corporation was non-responsive. Therefore, the amount of the lowest responsive and responsible bidder is \$500,000 which is above the Engineer’s Estimate of \$375,000. Staff has determined that, based on the current high demands within construction industry and comparison to the other bids, the price is fair and reasonable.

Staff recommends conditionally awarding the Contract for 1225 R Street Electrical and Mechanical Improvements to Studebaker Brown Electric Inc. for an amount not to exceed \$500,000 contingent upon receiving no protests.

RESOLUTION NO. 21-05-0048

Adopted by the Board of Directors of the Sacramento Regional Transit District on this date:

May 10, 2021

CONDITIONALLY AWARDING CONTRACT FOR 1225 R STREET ELECTRICAL AND MECHANICAL UPGRADES TO STUDEBAKER BROWN ELECTRIC, INC.

NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO REGIONAL TRANSIT DISTRICT AS FOLLOWS:

THAT, the Contract for 1225 R Street Electrical and Mechanical Upgrades by and between the Sacramento Regional Transit District, therein referred to as "SacRT," and Studebaker Brown Electric Inc., therein referred to as "Contractor," whereby Contractor agrees to perform all work, as further specified therein, for an amount not to exceed \$500,000 is hereby approved, conditioned on no protests being received prior to expiration of the protest period.

THAT, the Chair and General Manager/CEO are hereby authorized and directed to execute the foregoing Contract upon occurrence of the foregoing condition.

STEVE MILLER, Chair

A T T E S T:

HENRY LI, Secretary

By: _____
Cindy Brooks, Assistant Secretary