METRO GREEN LINE EXTENSION - SOUTHWEST LIGHT RAIL TRANSIT PROJECT
EXECUTIVE CHANGE CONTROL BOARD

Proposed Board Action
24-ECCB-009

Item Description:
Approval of Change Order 0062 with Aldridge – Parsons, a Joint Venture (APJV) in an amount not to exceed $450,166.45 to upsize the Auxiliary Power Transformer (APT) from 50kVA to 100kVA at certain Traction Power Substation (TPSS) locations and to add a secondary feed from the TPSS to adjacent signal houses and/or cut section cases.

Resolution:
BE IT RESOLVED that Change Order 0062, on file with the Project Office, resulting in the use of $450,166.45. of additional Project Contingency is APPROVED.

Background:

APJV is the Systems construction contractor for the METRO Green Line Extension Project. On September 18, 2019, the Council awarded the Systems construction contract to APJV in the amount of $194,411,000. APJV is responsible for the manufacture, delivery, installation, and testing of the Green Line Extension light rail system components.

The background for Change Order 0062 concerns modifications at specific Traction Power Substation (TPSS) locations for the SWLRT STF project. Originally, the project design included separate secondary power feeds from Xcel Energy to the signal houses and cut section cases at joint TPSS/Signal sites. However, Xcel's policy prevents providing secondary feeds to sites with primary feeds already in place. Consequently, Metro Transit required the contractor to install secondary feeds directly from the TPSS, necessitating the upsizing of the Auxiliary Power Transformer (APT) from 50kVA to 100kVA at select locations. The affected TPSS locations identified for this change include SW301, 302, 303, 306, 307, and 308 where an upsize is necessary, and other specified sites where the existing APT capacity remains unchanged but still requires secondary feed provision. A Part 1 for this change was issued in February 2023 in the amount of $153,177.99.

The Southwest Project Office is proposing the use of $450,166.45 in additional project contingency to execute this change order.

For the ECCB Meeting May 10, 2024