

STAFF REPORT

DATE: December 11, 2023

TO: Sacramento Regional Transit Board of Directors

FROM: Henry Ikwut-Ukwa, VP, Capital Programs

SUBJ: APPROVING THE SIXTH AMENDMENT TO THE CONTRACT FOR GENERAL ENGINEERING SUPPORT SERVICES – 2020 WITH PSOMAS AND CONDITIONALLY DELEGATING AUTHORITY TO THE GENERAL MANAGER/CEO TO APPROVE: (1) AMENDMENT NO. 2 TO WORK ORDER NO. 7 FOR FINAL DESIGN OF LOW FLOOR VEHICLE PLATFORM CONVERSION PHASE 2 AND (2) AMENDMENT NO. 2 TO WORK ORDER NO. 11 FOR FINAL DESIGN, BIDDING ASSISTANCE & CONSTRUCTION SUPPORT FOR LOW FLOOR VEHICLE PLATFORM CONVERSION PHASES 3 & 4

RECOMMENDATION

Adopt the Attached Resolutions.

RESULT OF RECOMMENDED ACTION

Approving the Sixth Amendment to the General Engineering Support Services Contract – 2020 (GESS – 2020) will extend the Contract term to September 20, 2025 by exercising Option Year 5 and increase the maximum Contract Total Consideration by \$1,000,000. Delegating authority to the General Manager/CEO to approve Amendment No. 2 to Work Order No. 7, and Amendment No. 2 to Work Order No. 11 will result in a timely execution of the respective Work Orders. This will allow SacRT to move forward with the Light Rail Modernization Project on the Gold Line and the Blue Line.

FISCAL IMPACT

1. The GESS – 2020 Contract was awarded in 2020 with a Total Consideration amount of \$3,000,000. Funds are encumbered and applied against the Total Consideration for specific projects as Work Orders are issued. To date, \$1,872,178.84 has been committed for Work Orders 1 through 21, including amendments to those Work Orders. As noted above, the proposed amendments would add an increase is proposed to the Contract Total Consideration in the amount of \$1,000,000 in connection with exercising Option Year 5, approving Amendment No. 2 to Work Order 7 and Amendment No. 2 to Work Order 11, since the existing ceiling is expected to be surpassed prior to the end of the term. The

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APPROVING THE SIXTH AMENDMENT TO THE CONTRACT FOR GENERAL ENGINEERING SUPPORT SERVICES – 2020 WITH PSOMAS AND CONDITIONALLY DELEGATING AUTHORITY TO THE GENERAL MANAGER/CEO TO APPROVE: (1) AMENDMENT NO. 2 TO WORK ORDER NO. 7 FOR FINAL DESIGN OF LOW FLOOR VEHICLE PLATFORM CONVERSION PHASE 2 AND (2) AMENDMENT NO. 2 TO WORK ORDER NO. 11 FOR FINAL DESIGN, BIDDING ASSISTANCE & CONSTRUCTION SUPPORT FOR LOW FLOOR VEHICLE PLATFORM CONVERSION PHASES 3 & 4

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one-year extension is critical to support the Low Floor Vehicle Platform Conversion Project through the duration of construction. This will be funded by a combination of Federal and State funds.

2. Amendment No. 2 to Work Order No. 7 will increase the revised scope of work to include providing signal design of the Gold Line Low Floor Vehicle Platform Conversion Phase 2 Project. The estimated cost for these additional services is \$479,692.25. Amendment No. 2 to Work Order No. 7 will be funded with a combination of Federal and State funds.
3. Amendment No. 2 to Work Order No. 11 will increase the original scope of work to include providing survey and signal design for the Blue Line Low Floor Vehicle Platform Conversion Phase 4 Project. The estimated cost for these additional services is \$456,387.93. Amendment No. 2 to Work Order No. 11 will be funded with a combination of Federal and State funds.

DISCUSSION

The Light Rail Modernization Project includes the procurement of low floor light rail vehicles, 15-minute service to Historic Folsom, and the station platform conversions to accommodate low-floor light rail trains. The Low Floor Vehicle Platform Conversion Project includes adjusting all Gold Line and Blue Line platforms to an 8-inch elevation above top of rail; replacing detectable warning tiles/directional guidance tiles; adjusting all facilities and furniture on the platforms to the new height; removing/replacing all in-ground artwork in direct conflict; modifying tree grates/planters; modifying drainage facilities; modifying adjacent improvements to meet ADA requirements; and adding crosswalk areas, fencing, and signage. Upon full integration of low floor vehicles, SacRT will be operating 3-car trains with Siemens S700 vehicles.

The overall project is broken into four phases as follows:

- Phase 1: Gold Line 2-car platform conversion
- Phase 2: Gold Line 3-car platform conversion
- Phase 3: Blue Line platform conversion (Alkali Flat/La Valentina, Globe, Swanston, Roseville Road Stations)
- Phase 4: Blue Line remaining 15 platform conversions

On March 14, 2022, the Board approved Work Order No. 7 for the Gold Line Low Floor Vehicle Platform Conversion Phase 2 Design (the full 3-car station conversion) with Psomas under the GESS – 2020 Contract. Work Order No. 7 for \$363,314.04 included the work to complete construction documents, bidding assistance, and construction support. On September 12, 2022, the Board approved Amendment No. 1 to Work Order No. 7 to add the additional work for minor signal and braille sign design. After execution of Amendment No. 1 and through the prosecution of the signal design and construction work for the pass track at Glenn Station, Staff determined that more extensive signaling improvements to the train-to-wayside communication (TWC) equipment are required to

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operate the 3-car S700 trains on both the Gold Line and Blue Line. Once designed, these signaling improvements will be part of the Phase 2 and Phase 4 construction contracts in addition to the platform conversion work. The need for this work wasn't foreseen at the time of the original Work Order execution, but the work must be performed by the same final design contractor to create a complete bidding package for the Phase 2 and Phase 4 work.

Amendment No. 2 to Work Order No. 7 will add additional signal design to update existing track and signal plans to add new TWC equipment at each station as the low floor trains are implemented for revenue service. The estimated cost for Amendment No. 2 to Work Order No. 7 is for an amount not to exceed \$479,692.25. Amendment No. 1 to Work Order No. 7 included a small amount of funding for the signal design contractor (HATCH) to provide design support during bidding and construction. If additional funding is needed for those services, it will need to be added through another Work Order amendment.

On September 12, 2022, the Board approved Work Order No. 11 for the Blue Line Low Floor Vehicle Platform Conversion Design (Phases 3 and 4) with Psomas under the GESS – 2020 Contract for \$792,882.01. The original scope included the work to complete construction documents, bidding assistance, and construction support. Amendment No. 1 to the Work Order was issued in the amount of \$57,586.93 for additional engineering services for the shelter design at the Globe Station for the Phase 3 Project. Amendment No. 2 will add additional survey work and signal design to update existing track and signal plans to add new TWC equipment at each station included in Phase 4. The total cost for Amendment No. 2 to Work Order No. 11 is for a total amount not to exceed \$456,387.93. This amount does not include any design support by the signal design contractor (HATCH) during bidding or construction. These required services will need to be added later through another Work Order amendment.

On September 12, 2022, by Resolution No. 2022-09-111, the Board approved exercising Option Year 4 of the GESS – 2020 Contract. Without exercise of Option Year 5, the Contract will expire September 20, 2024. While Work Order services can extend beyond the expiration date of the Contract, there are limits to SacRT's ability to modify or add funds to a Work Order after contract expiration. To ensure Psomas can continue to provide design services through construction support for Phase 2 and Phase 4, the GESS – 2020 Contract needs to be extended for an additional year. The Contract term will extend to September 20, 2025.

RESOLUTION NO. 2023-12-129

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

December 11, 2023

**APPROVING AMENDMENT NO. 6
TO THE CONTRACT FOR GENERAL ENGINEERING SUPPORT SERVICES – 2020
WITH PSOMAS**

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

THAT, the Sixth Amendment to the Contract for General Engineering Support Services – 2020 by and between the Sacramento Regional Transit District, therein referred to as “SacRT,” and Psomas, therein referred to as “Consultant,” whereby SacRT exercises Option Year 5, to extend the term to September 20, 2025, and the maximum Total Consideration is increased by \$1,000,000, from \$3,000,000 to \$4,000,000 is hereby approved.

THAT, the Board Chair and General Manager/CEO are hereby authorized and directed to execute the Sixth Amendment.

PATRICK KENNEDY, Chair

A T T E S T:

HENRY LI, Secretary

By: _____
Tabetha Smith, Assistant Secretary

RESOLUTION NO. 2023-12-130

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

December 11, 2023

CONDITIONALLY DELEGATING AUTHORITY TO THE GENERAL MANAGER/CEO TO APPROVE AMENDMENT NO. 2 TO WORK ORDER NO. 7 TO THE CONTRACT FOR GENERAL ENGINEERING SUPPORT SERVICES – 2020 FOR FINAL DESIGN OF THE LOW FLOOR VEHICLE PLATFORM CONVERSION PHASE 2 WITH PSOMAS

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

THAT, authority is hereby conditionally delegated to the General Manager/CEO to approve Amendment No. 2 to Work Order No. 7 to the Contract for General Engineering Support Services – 2020 between Sacramento Regional Transit District, therein referred to as “SacRT,” and Psomas, therein referred to as “Consultant,” whereby the scope of Work Order is amended to include additional signal design to Phase 2 of the Low Floor Vehicle Platform Conversion project, for a total amount not to exceed \$479,692.25, contingent upon receipt of funding and confirmation that any applicable DBE requirements have been met.

PATRICK KENNEDY, Chair

A T T E S T:

HENRY LI, Secretary

By: _____
Tabetha Smith, Assistant Secretary

RESOLUTION NO. 2023-12-131

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

December 11, 2023

CONDITIONALLY DELEGATING AUTHORITY TO THE GENERAL MANAGER/CEO TO APPROVE AMENDMENT NO. 2 TO WORK ORDER NO. 11 TO THE CONTRACT FOR GENERAL ENGINEERING SUPPORT SERVICES – 2020 FOR FINAL DESIGN OF THE LOW FLOOR VEHICLE PLATFORM CONVERSION PHASE 4 WITH PSOMAS

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

THAT, authority is hereby conditionally delegated to the General Manager/CEO to approve Amendment No. 2 to Work Order No. 11 to the Contract for General Engineering Support Services – 2020 between the Sacramento Regional Transit District, therein referred to as “SacRT,” and Psomas, therein referred to as “Consultant,” whereby the scope of Work Order is amended to include additional signal design and survey to Phase 4 of the Low Floor Vehicle Platform Conversion project, for a total amount not to exceed \$456,387.93, upon receipt of funding and confirmation that any applicable DBE requirements have been met.

PATRICK KENNEDY, Chair

A T T E S T:

HENRY LI, Secretary

By: _____
Tabetha Smith, Assistant Secretary