

## **STAFF REPORT**

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**DATE:** September 12, 2022  
**TO:** Sacramento Regional Transit Board of Directors  
**FROM:** Laura Ham, VP, Planning and Engineering  
**SUBJ:** APPROVING THE SECOND AMENDMENT TO THE CONTRACT FOR GESS – 2020 WITH PSOMAS; AND DELEGATING AUTHORITY TO THE GENERAL MANAGER/CEO TO APPROVE (1) AMENDMENT NO. 1 TO WORK ORDER NO. 7; AND (2) WORK ORDER NO. 11 FOR THE GOLD LINE AND BLUE LINE LOW FLOOR VEHICLE PLATFORM CONVERSION

### RECOMMENDATION

Adopt the Attached Resolutions.

### RESULT OF RECOMMENDED ACTION

Approving the Second Amendment to the Contract for General Engineering Support Services – 2020 with Psomas (“Psomas GESS – 2020”), as well as delegating authority to the General Manager/CEO to approve and execute Amendment No. 1 to Work Order No. 7, Work Order No. 11, and the Second Amendment to the Contract will result in a timely execution of the respective work orders and allow SacRT to move forward with the Light Rail Modernization Project on the Gold Line and Blue Line and ensure continuity of design services at least through Phase 3 of the Low Floor Vehicle Platform Conversion.

### FISCAL IMPACT

1. The Psomas GESS – 2020 Contract was awarded in 2020 (Resolution No. 20-09-0090) 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, \$508,211.22 has been committed for Work Orders 1 through 10. No increase is being proposed to the Contract Total Consideration in connection with exercising an option to extend the term by one year, as the existing ceiling is expected to be sufficient for the remaining term, even with consideration of the other items being considered in this Staff Report.
2. Amendment No. 1 to Work Order No. 7 will increase the original scope of work to provide signal and braille sign design of the Gold Line Low Floor Vehicle Platform Conversion Phase 2 Project with Psomas. The expected cost for these additional services is estimated at \$155,683.82.

3. Work Order No. 11 will provide for Psomas to complete engineering services of the Blue Line Low Floor Vehicle Platform Conversion Project. The total cost for these services is estimated at \$792,882.01.

The costs for Amendment No. 1 to Work Order No. 7 and Work Order No. 11 are fully funded within the respective project budgets.

## 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 vehicles. 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 project was previously broken into three phases with Phase 1 and Phase 2 for Gold Line platform conversions and Phase 3 for the Blue Line platform conversion. With additional construction funding awarded to SacRT that is specifically designated for four Northeast Corridor (NEC) Blue Line platform conversions, these stations will be part of a revised Phase 3 and must be in construction by December 2023. The remaining 15 Blue Line platform conversions will now be part of Phase 4. The project is now broken into four phases as follows:

- Phase 1: Gold Line 2-car platform conversion
- Phase 2: Gold Line 3-car platform conversion
- Phase 3: 4 NEC Blue Line platform conversion
- Phase 4: Remaining 15 Blue Line platform conversion

On March 14, 2022, the Board approved Work Order No. 7 for the Gold Line Low Floor Vehicle Platform Conversion Design with Psomas under the Psomas GESS – 2020. Work Order No. 7 for \$363,314.04 included the work to complete construction documents, bidding assistance, and construction support for Phase 2 of the Project (the full 3-car station conversion). Work Order No. 7 provided for continuation of design work started under Work Order Nos. 21 and 23 to the prior GESS Contract – 2016. Work Order Nos. 21, 23, and 7 did not include any signal or braille sign design services. Amendment 1 is to add additional work for the signal and braille sign design as part of the Phase 2 Project. The estimated not to exceed amount for Amendment No. 1 to Work Order No. 7 is \$155,683.82. The updated not-to-exceed amount for Work Order No. 7 will not exceed \$518,997.86. A new subcontractor has been proposed to provide the braille sign design. The details of the addition of the subcontractor and the Work Order amendment are still being finalized, so a delegation is being requested for the General Manager/CEO to approve and execute the Work Order.

To ensure consistency of the low floor vehicle platform conversion design, SacRT requested a Work Order proposal for engineering services from Psomas under the Psomas GESS – 2020 Contract for Phases 3 and 4 (Blue Line conversion). Work Order No. 11 will provide engineering services to include preliminary engineering, final design, and bidding assistance and construction support for the Blue Line Low Floor Vehicle Platform Conversion Project. The estimated not to exceed amount for Work Order No. 11 is \$792,882.01. The same new subcontractor for braille design services is also being proposed to be added for this Work Order, so it is also still being finalized.

The base term of the Psomas GESS - 2020 Contract will expire September 20, 2023. 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. Amending the Psomas GESS – 2020 Contract to exercise the first option year will ensure continuity of design services for the Low Floor Vehicle Platform Conversion Project through September 20, 2024, by which time Phase 2 and Phase 3 design and bid support should be complete.

Prior to expiration of the first option year, Staff will re-evaluate to determine if the second option year should be exercised (subject to approval by the Board of Directors) and also evaluate any needed changes to Work Order No. 7 and Work Order No. 11 to ensure that design support services can be provided through completion of construction for Phases 2 through 4.

RESOLUTION NO. 2022-09-111

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

September 12, 2022

**APPROVING THE SECOND AMENDMENT TO THE CONTRACT FOR GENERAL ENGINEERING SUPPORT SERVICES – 2020 TO EXERCISE OPTION YEAR 4**

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

THAT, the Second Amendment to the Contract for General Engineering Support Services – 2020 by and between the Sacramento Regional Transit District (therein “SacRT”) and Psomas (therein “Consultant”), whereby SacRT exercises Option Year 4 and the term is extended to September 20, 2024, is hereby approved.

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

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STEVE MILLER, Chair

A T T E S T:

HENRY LI, Secretary

By: \_\_\_\_\_  
Tabetha Smith, Assistant Secretary

RESOLUTION NO. 2022-09-112

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

September 12, 2022

**DELEGATING THE AUTHORITY TO THE GENERAL MANAGER/CEO TO APPROVE AND EXECUTE AMENDMENT NO. 1 TO WORK ORDER NO. 7 TO THE CONTRACT FOR GENERAL ENGINEERING SUPPORT SERVICES – 2020 FOR FINAL DESIGN OF LOW FLOOR PHASE 2 WITH PSOMAS**

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

THAT, the General Manager/CEO is given the authority to approve and execute Amendment No. 1 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 the Work Order is amended to include signal design and braille sign design for Phase 2 of the Low Floor Vehicle Platform Conversion Project, and the not-to-exceed amount is increased by no more than \$155,683.82.

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STEVE MILLER, Chair

A T T E S T:

HENRY LI, Secretary

By: \_\_\_\_\_  
Tabetha Smith, Assistant Secretary

RESOLUTION NO. 2022-09-113

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

September 12, 2022

**DELEGATING AUTHORITY TO THE GENERAL MANAGER/CEO TO APPROVE AND EXECUTE WORK ORDER NO. 11 TO THE CONTRACT FOR GENERAL ENGINEERING SUPPORT SERVICES – 2020 FOR ENGINEERING SERVICES OF BLUE LINE LOW FLOOR VEHICLE PLATFORM CONVERSION PROJECT WITH PSOMAS**

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

THAT, the General Manager/CEO is given the authority to approve and execute Work Order No. 11 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 Consultant agrees to provide engineering services of the Blue Line Low Floor Vehicle Platform Conversion project, for a total amount not to exceed \$792,882.01.

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STEVE MILLER, Chair

A T T E S T:

HENRY LI, Secretary

By: \_\_\_\_\_  
Tabetha Smith, Assistant Secretary