

STAFF REPORT

DATE: December 11, 2023
TO: Sacramento Regional Transit Board of Directors
FROM: Henry Ikwut-Ukwa, VP, Capital Programs
SUBJ: APPROVE CONTRACT CHANGE ORDER NO. 11 TO THE CONTRACT FOR LOW FLOOR VEHICLE PLATFORM CONVERSION PHASE 1 WITH PNP CONSTRUCTION, INC.

RECOMMENDATION

Adopt the Attached Resolution.

RESULT OF RECOMMENDED ACTION

Approving Contract Change Order (CCO) No. 11 to the Phase 1 construction contract will modify the platforms at the Sunrise Light Rail Station to full conversion, to accommodate a 3-car low floor train.

FISCAL IMPACT

CCO No. 11 will increase the Contract Total Consideration by the lump sum amount of \$535,090.00, from \$17,814,085.48 to \$18,349,175.48. This CCO No. 11 is being funded with the following federal and state sources: Transportation, Housing, and Urban Development funds and State Transit Assistance 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.

As explained in prior Staff Reports, the low floor vehicle platform conversion project has been split into four phases, to allow for the most expeditious path forward to begin operating the new S700 light rail vehicles on the Gold Line at the earliest opportunity using 2-car trains. Due to funding, timing, and design constraints, it was infeasible to do the full platform construction under one contract.

The Low Floor Vehicle Platform Conversion Project Phase 1 (Low Floor 1) includes adjusting all Gold Line platforms to an 8-inch elevation above top of rail to accommodate 2-car trains; replacing detectable warning tiles/directional guidance tiles; adjusting all facilities and furniture on the platforms to the new height; removing 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 and signage.

Phase 2 includes platform conversions on the Gold Line to accommodate 3-car low floor trains (essentially extending the raised platform area) and signaling improvements. Phase 2 is still in the final design stage through Work Order No. 7 to the Contract for General Engineering Support Services – 2020 with Psomas.

On September 12, 2022, the Board conditionally awarded the Contract for the Base Bid of \$9,713,000 to PNP Construction, Inc., with a delegation of authority to the General Manager/CEO to award the additive alternates based on available additional funding. Through a series of Contract Change Orders, numbered 1 through 10, Staff and the Board have effected changes to the original Base Bid contract amount as shown in Table 1:

Table 1:

Change Order #	Date	Scope Change	Fiscal Impact	Total Contract Amount
Base Bid Contract	12-Sep-22	Base Bid	\$9,713,000.00	\$9,713,000.00
1	23-Jan-23	Remove the 8th & O Station (Inbound) from the scope of work	-\$378,639.00	\$9,334,361.00
2	23-Feb-23	Repair sink hole at the 39th Street Station	\$30,000.00	\$9,364,361.00
3	13-Mar-23	Additive Alternates in Contract Change Order No. 3	\$9,061,000.00	\$18,425,361.00
4	10-Apr-23	Modify work parameters and DWT installation	\$302,846.41	\$18,122,514.59
5	5-May-23	Added Schwager to the Indemnification and Additional Insured Obligations for Right of Entry	\$0.00	\$18,122,514.59
6	8-May-23	Extend work parameters and DWT installation changes to the Additive Alternate stations	-\$733,452.11	\$17,389,062.48
7	8-Jun-23	Revise Plans at 8 th & K	\$16,526.00	\$17,405,588.48
8	7-Jul-23	Electrical Work at Iron Point and 7 th & I	\$0.00	\$17,405,588.48
9	13-Oct-23	Revise Plans for Iron Point Station	\$68,934.00	\$17,474,522.48
10	11-Nov-23	End Treatment Modifications	\$339,563.00	\$17,814,085.48

SacRT received additional funding for a full station conversion (3-car train) at the Sunrise Light Rail Station. CCO No. 11 would complete a portion of the task that Staff had contemplated for Phase 2.

The revised plans were presented to PNP Construction, Inc. with a Request for Change Quote. PNP Construction, Inc. provided a Change Quote for a lump-sum amount of \$535,090.00 and requested an additional 30 calendar days be added to each Completion Milestone under the Contract. While this will result in an approximate doubling of the cost of the work at the Sunrise station, this lump-sum amount and schedule extension have been determined by Staff to be fair and reasonable based on a cost analysis comparison to the approved schedule of values for the competitively-bid Low Floor 1 Contract. The nature of the work is the same; there are no new work elements or Technical Specifications being added, only changes to quantities. The signaling work associated with the Sunrise station will be executed as part of Phase 2, as previously planned.

The alternatives to issuing this CCO would be:

- (1) Have PNP proceed to perform only the Phase 1 work and defer the remaining work to Phase 2, as originally intended. However, Staff has not yet identified funding for the Phase 2 work at all stations; there is a risk that the existing grant funding for the Sunrise full conversion could expire prior to SacRT being prepared to bid the remaining Phase 2 work. In addition, it would be inefficient and more expensive for another contractor to complete a portion of the work.
- (2) Eliminate the Phase 1 work at the Sunrise station through a deductive Contract Change Order and bid out the Phase 1 and 2 work at the Sunrise station separately. This option is infeasible because the platform conversion (whether partial or full) must be complete by Summer 2024 for SacRT to begin running 2-car S700 trains on the Gold Line. PNP is already mobilized and can perform the full conversion with only a one-month schedule adjustment. Between the bidding process and mobilization, prosecuting the work under a separate contract would delay the deployment of the new low-floor vehicles.

RESOLUTION NO. 2023-12-124

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

December 11, 2023

APPROVE CONTRACT CHANGE ORDER NO. 11 TO THE CONTRACT FOR LOW FLOOR VEHICLE PLATFORM CONVERSION PHASE 1 WITH PNP CONSTRUCTION, INC.

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

THAT, Contract Change Order No. 11 to the Construction Contract for Low Floor Vehicle Platform Conversion Phase 1 between the Sacramento Regional Transit District, therein referred to as "SacRT," and PNP Construction, Inc., therein referred to as "Contractor," whereby Contractor agrees to implement revised design Plans for the full station conversion at the Sunrise Light Rail Station to accommodate a 3-car low floor train, and the Contract Total Consideration is increased by \$535,090.00, from \$17,814,085.48 to \$18,349,175.48, is hereby approved.

THAT, General Manager/CEO is hereby authorized and directed to execute Contract Change Order No. 11 to the Contract.

PATRICK KENNEDY, Chair

A T T E S T:

HENRY LI, Secretary

By: _____
Tabetha Smith, Assistant Secretary