



CMGC Award of Contract South Base BEB Charging Infrastructure Project



Board of Directors | April 3, 2024

Project Scope

- Construction of charging infrastructure at South Base for 37 BEBs purchased by the District
- Construction of charging infrastructure for up to an additional 110 BEBs, should the District decide to replace some or all of the remaining fixed-route diesel fleet at South Base with BEBs

BEB Charging Infrastructure



RENDERING

Charging Bays with Pantograph Charging



Charging bays for 37 BEBs to be located in areas within yellow dashed lines

Project Status

- Preliminary design is complete
- Final design is underway
- Board authorized use of the Construction Manager General Contractor (CMGC) project delivery method

CMGC Delivery Method

- December 2022: Board authorized CMGC delivery method for construction of charging infrastructure at South Base for 37 BEBs
- July 2023: Board authorized expansion of the CMGC Procurement scope to include an option to construct charging infrastructure for up to an additional 110 BEBs*

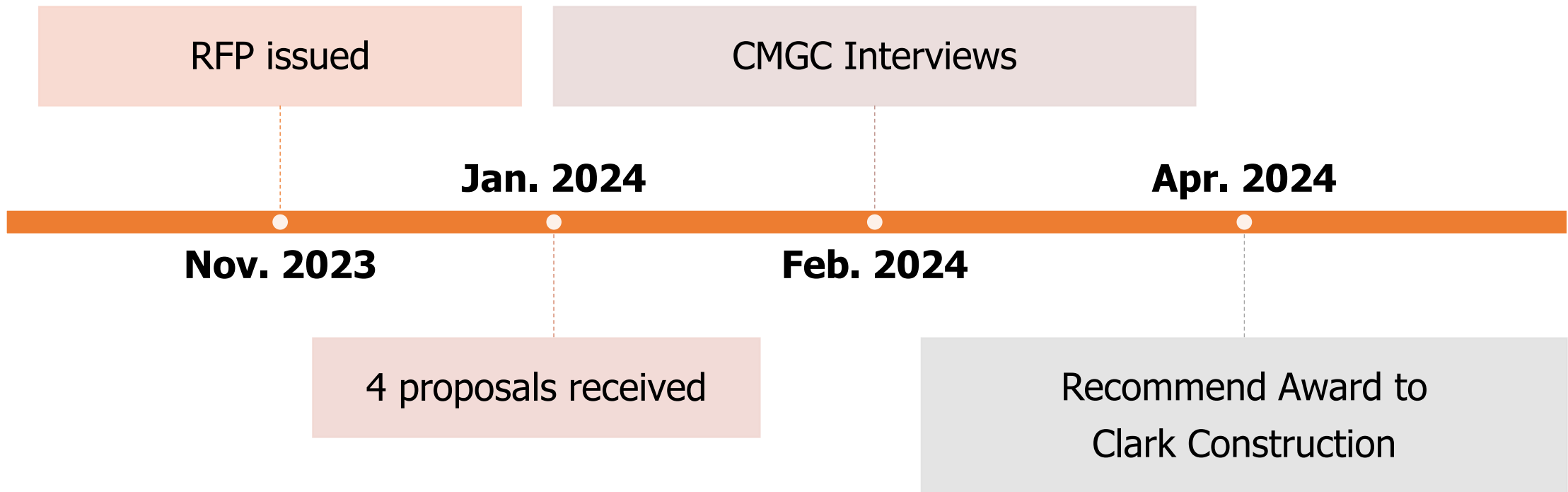
* *Board-approved update of the Innovative Clean Transit Plan defers decision on which type of zero emission bus will replace remaining fixed-route fleet at South Base until late 2024*

CMGC Features*

- Contractor selected based on qualifications and expertise
- Promotes early collaboration among SamTrans, designer, contractor, & PG&E
- Contractor provides input during design phase
 - Minimizes design-related change orders
 - Provides opportunities to shorten the project schedule

**Not achievable through traditional Design-Bid-Build delivery method*

CMGC Selection Process



CMGC Contract Services

- Pre-Construction Services: \$975,681
- Optional Services:
 - Procurement of long-lead-time materials
 - Construction of charging infrastructure for 37 BEBs at South Base
 - Construction of charging infrastructure for up to an additional 110 BEBs, should the District decide to replace some or all of the remaining fixed-route diesel fleet at South Base with BEBs

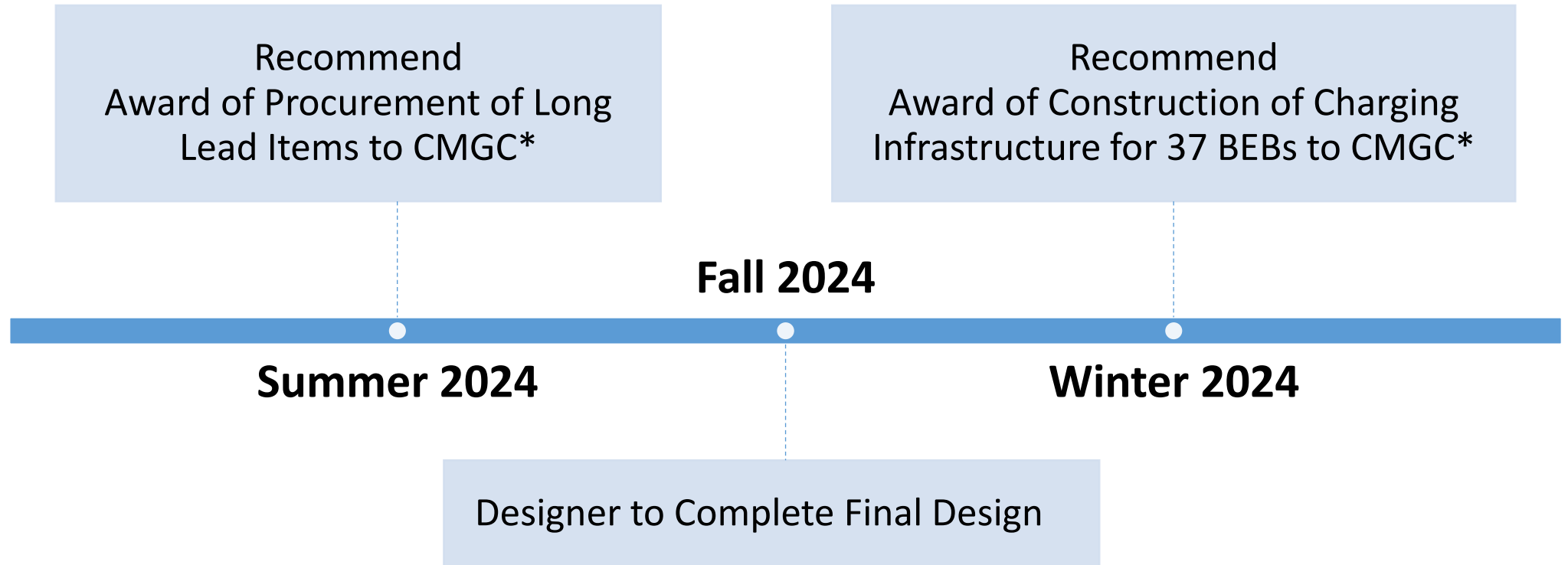
Pre-Construction Services Scope

- Provide input and pricing for long-lead-time materials
- Collaborate with the Designer
- Identify value engineering options
- Provide input on construction schedule
- Review design and provide constructability recommendations
- Assist with schedule and cost control,
- Identify phased construction approach to minimize impacts to Bus Operations during construction

Funding

- Secured funding for construction of charging infrastructure for 37 BEBs
 - Federal – FTA \$ 8.7 million
 - State – LCTOP \$ 4.6 million
 - State – LPP \$14.8 million (competitive)
 - Sales Tax \$ 4.5 million
 - Total \$32.6 million (Construction + Soft Costs)

Anticipated Schedule



**Pending successful negotiations with CMGC*

Finance Committee Agenda Item

- 9.b.4 Awarding a Contract to Clark Construction Group - CA, LP of San Francisco, California, for Construction Manager General Contractor Services for the South Base Battery Electric Bus Charging Infrastructure Project for a Total Amount of \$975,681



Thank You



Please email wernert@samtrans.com with any questions.