



Engineering & Operations Committee

Sepulveda Feeder Pump Stations

Item 7-4

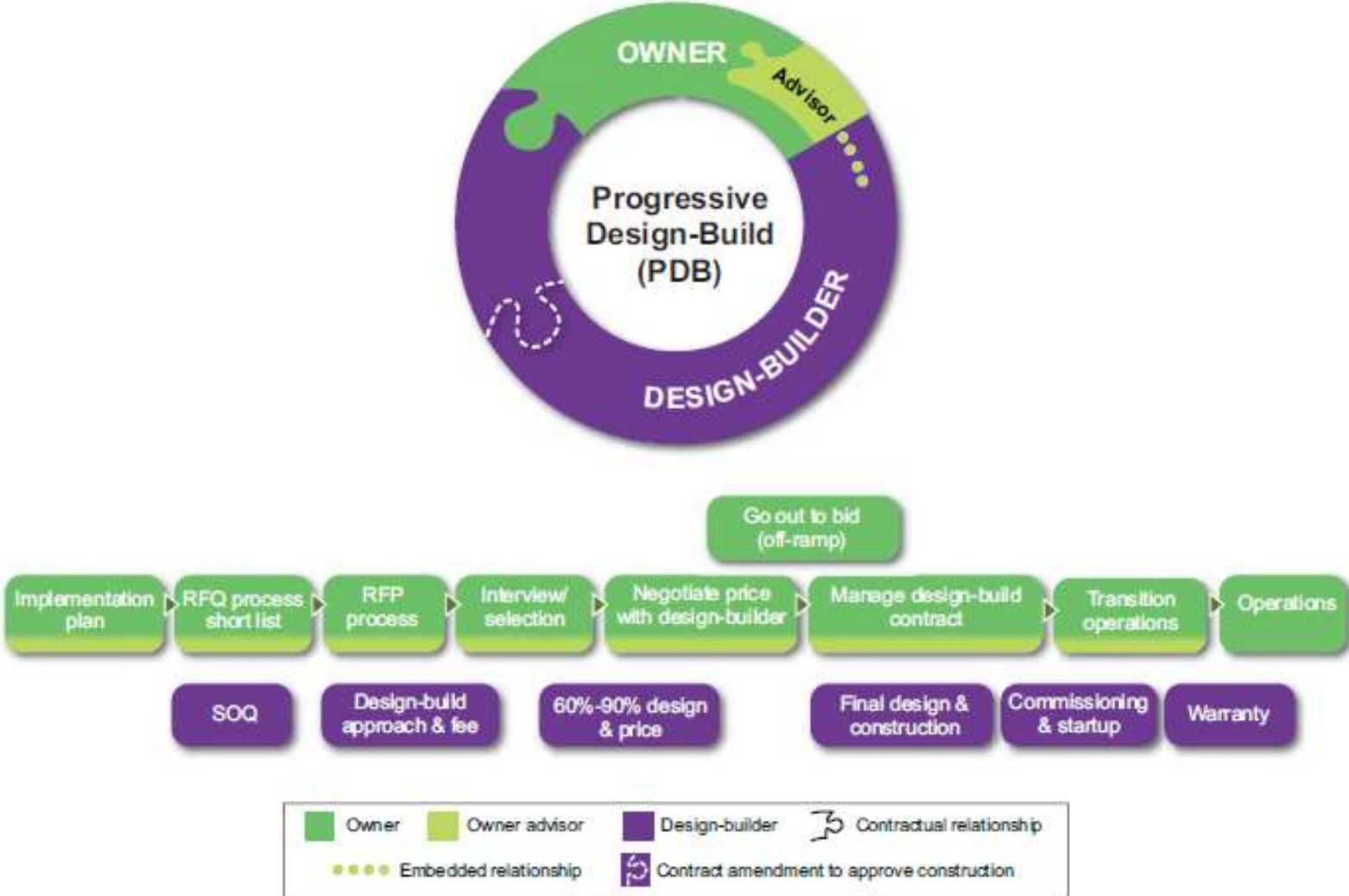
September 12, 2022

Sepulveda Feeder Pump Stations

Background

- February 2022 – Board approves planning of projects to improve water reliability for the West Branch of SWP
- August 2022 – Board adopts resolution affirming Metropolitan’s commitment to regional reliability
- August 2022 – California legislature passed Assembly Bill 1845 (Calderon)
 - Legislation allows Metropolitan to utilize Alternative Delivery for drought and Pure Water Projects
 - Alternative delivery options: Design Build, Progressive Design Build, and CM/GC
- September 2022 – Gov. Newsom signs Senate Bill 991
 - Allows local agencies to utilize progressive design build for projects over \$5 M

Progressive Design Build Process



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Sepulveda Feeder Pump Stations

Current Action

- Authorize an increase of \$690,000 to an existing agreement with Carollo Engineers, Inc., to serve as the owner's advisor for development of the Sepulveda Feeder Pump Stations project
- This action is part of a series of projects that are being undertaken to improve the supply reliability for State Water Project dependent member agencies

Distribution System



Delivering State Project Water



Managing through Droughts



Improving Infrastructure



(For illustrative purposes only)

Sepulveda Feeder Pump Stations

Constructed in Stages

- Stage 1- Constructs two pump stations
 - Initial capacity based on pressure limitations of Sepulveda Feeder
 - Provides 30 cfs
- Stage 2 - Upgrades both pump stations
 - Provides up to 300 cfs
- Relining of Sepulveda Feeder will be required before Stage 2 operates
 - Implemented as part of PCCP Rehabilitation Program

Sepulveda Feeder Pump Stations

Alternatives Considered

- Design-bid-build
 - Considered using this traditional project delivery process
 - This approach would extend completion of the project by up to two years
- Alternative selected
 - Use progressive design-build delivery
 - Allows for expedited completion

Sepulveda Feeder Pump Stations

Carollo Agreement

- Selected based on familiarity with project, and expertise in Progressive Design Build process
- Scope of Work
 - Preliminary design for the pump stations
 - Prepare design-build procurement documents
 - Review proposed plans, procedures, schedules, guidelines, & training material
- Increase of \$690,000; new NTE amount: \$990,000
- SBE participation level: 25%

Sepulveda Feeder Pump Stations

Metropolitan Scope

- Provide consultant oversight, environmental support & project management
- Identify technical requirements
- Conduct preliminary design review
- Develop DB processes, procedures & documents
- Advertise & select DB entity

Allocation of Funds

Sepulveda Feeder Pump Stations

Metropolitan Labor

Program mgmt. & envir. support \$ 350,000

Preliminary design 400,000

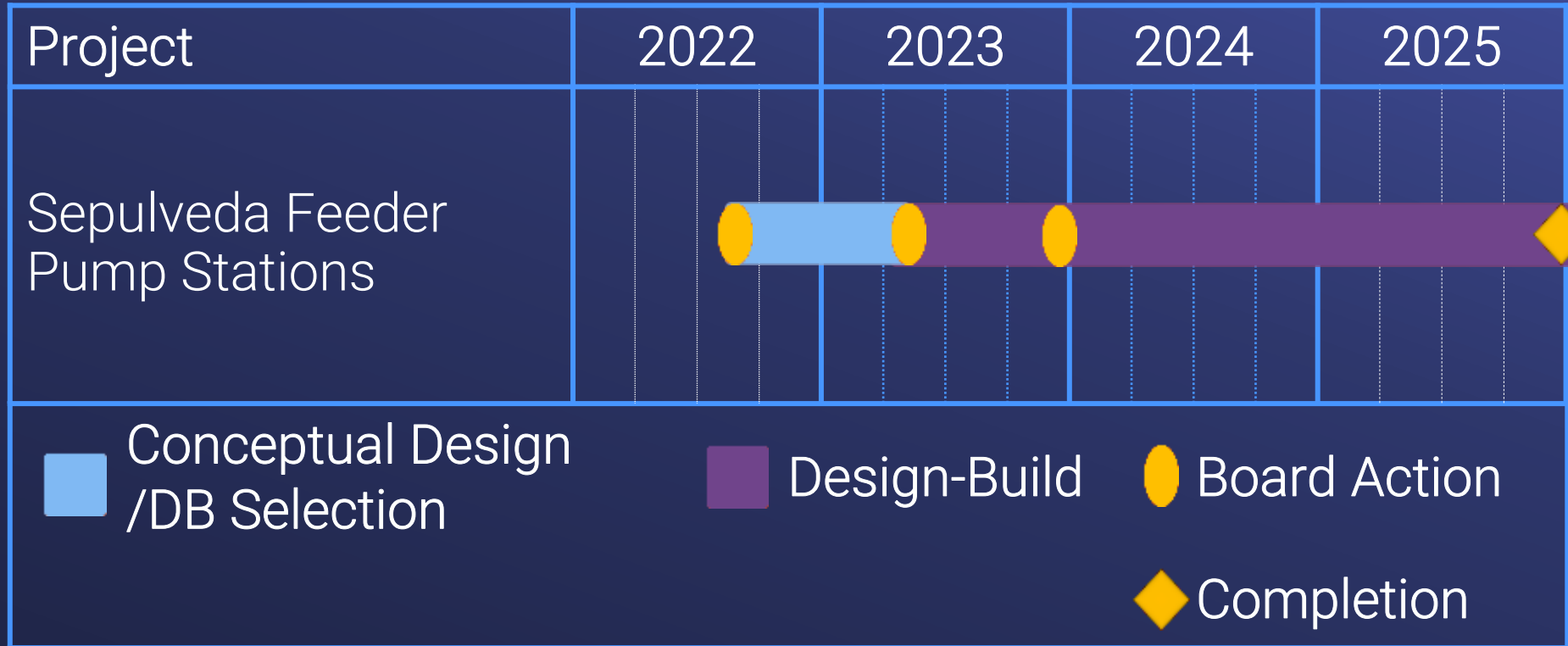
Agreement

Carollo Engineers, Inc. 690,000

Remaining Budget 160,000

Total \$1,600,000

Project Schedule



Board Options

- Option #1
Authorize a \$690,000 increase to an existing agreement with Carollo Engineers, Inc. for a new not-to-exceed amount of \$990,000 to perform owner's advisor services for the Sepulveda Feeder Pump Stations.
- Option #2
Do not authorize the project at this time.

Staff Recommendation

- Option #1

