

Wadsworth Pumping Plant Control & Electrical System Upgrade

Engineering & Operations Committee Item 7-4
Sept 10, 2018

Current Action

Award \$420,000 contract to Southern Contracting Company for replacement of circuit breakers at Hiram W. Wadsworth Pumping Plant Distribution System CASTAIC LAKE thinen minn LIVE OAK RESERVOIR GARVEY RESERVOI COLORADO RIVER AQUEDUCT ALOS VERDES LAKE MATHEWS PACIFIC OCEAN DIAMOND VALLEY LAKE Wadsworth LAKE SKINNER **Pumping Plant**

Wadsworth Pumping Plant Control & Electrical Upgrades Project Background

- Restore system reliability of Wadsworth P.P. control system & pumps
- Pilot phase completed
- Full-scale retrofit authorized in April 2017
- Project now approximately 35% complete



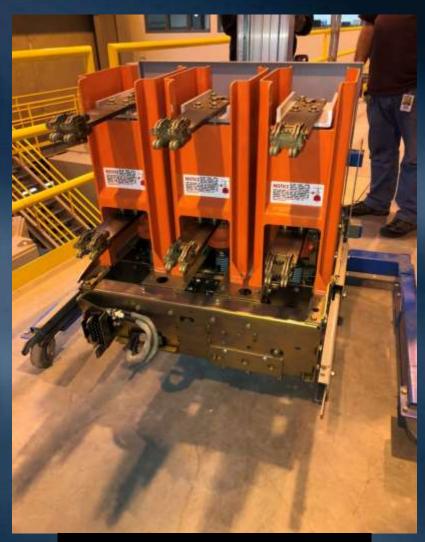
Unit #2 pump/turbine

Wadsworth Protection Upgrade - Circuit Breakers

- Pilot phase studies indicated 12 bus circuit breakers required replacement
- Funds to upgrade bus circuit breakers included in April 2017 Board Action
- This construction contract will install 12 new 15-kV circuit breakers

Circuit Breakers

Circuit Breakers



Back side of circuit breaker



Circuit breaker cabinets

Bid Results Specifications No. M-3006

Bids Received July 19, 2018

No. of Bidders 3

Low Bidder Southern Contracting

Company

Low Bid \$420,000

Range of Other Bids** \$411,553 - \$465,000

SBE Participation* Not required

*SBE (Small Business Enterprise) participation level was not established for this project due to its size

**The low bid was non-responsive.

Schedule



Board Options

Option #1

- Adopt the CEQA determination that the proposed action is exempt
- Award \$420,000 contract to Southern Contracting Company for replacement of circuit breakers at Wadsworth Pumping Plant

Option #2

Do not replace the circuit breakers at this time

Staff Recommendation

Option #1



E&O Committee

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