



GENERAL ORDER 165 POLE REPLACEMENTS AND MATERIAL STORAGE YARD FENCE PROJECT

Riverside Public Utilities - Energy Delivery

Board of Public Utilities
September 25, 2017

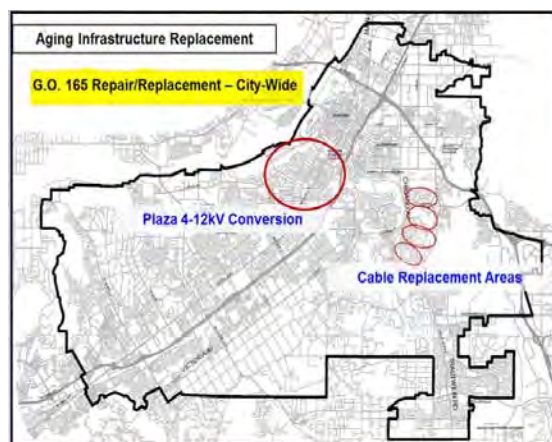
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BACKGROUND

1. On July 10, 2017, the Board received and filed the planned routine capital project report for projects over \$500,000 for CIP 17/18
2. G.O. 165 Replacements-City-Wide was identified on the report
3. Bid No. RPU 7481 includes 75 out of the 200 poles targeted for replacement this fiscal year



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BACKGROUND

1. Most utility poles are over 40 years old and past their useful life
2. Some have been tagged as priority poles and need to be replaced for safety reasons
3. Degradation of poles due to decay near ground line zone



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BACKGROUND - SCOPE

1. 73 Work Orders to replace 75 utility poles, crossarms, insulators, and transformers
2. Improve system reliability, safety and electric service to the area
3. Remove deteriorated poles, crossarms, wires and related components



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BACKGROUND - SCOPE

1. Yard located at Gibson St and Indiana Ave
2. Yard acquired to store materials used for the Pole Replacement Project
3. Contractor to develop and secure yard with eight (8) foot high chain-link fence with barbed wire climbing barriers



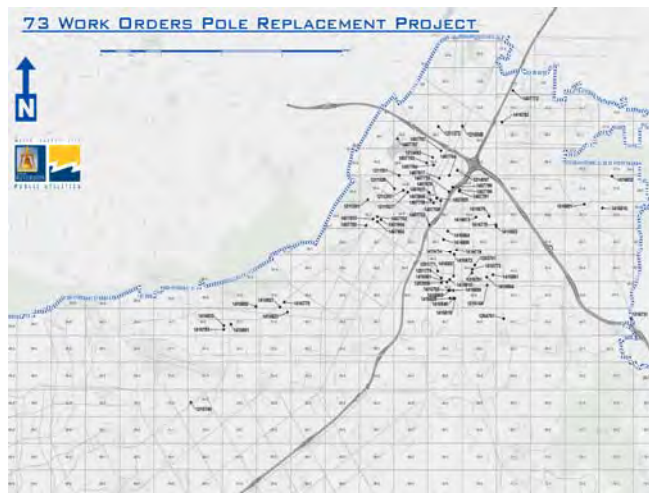
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BACKGROUND – LOCATIONS

1. Pole replacements at various locations throughout the City
2. Work orders are associated with pole locations for expenditure tracking
3. Customer notifications will be sent out before any service disruptions
4. Approximate 20 weeks to complete



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BACKGROUND - BENEFITS

1. Improve electric system reliability and safety
2. Improve power quality and electric service to customers in the area
3. Replace aging infrastructure that's beyond its useful life
4. Replacement of poles is part of the Utility 2.0 Electric Infrastructure Road Map

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DISCUSSION - CONTRACT BIDS

1. July 25th, 2017 – RPU 7481 Bid was posted
2. August 9th, 2017 – RPU 7481 Bid closed

Vendors	City Location	Bid Amount	Rank
1. Asplundh Construction Corp.	Anaheim, CA	\$696,990.00	1
2. Outsource UCC	Anaheim, CA	\$741,900.00	2
3. Hot Line Construction Inc.	Brentwood, CA	\$1,109,451.01	3
4. International Line Builder's, Inc.	Corona, CA	\$1,208,430.00	4
5. E.E. Electric, Inc.	Mira Loma, CA	\$1,515,331.00	5
6. Wilson Utility Construction Co.	Canby, OR	\$2,336,494.59	6

➤ Project Engineer's Estimate: \$1,360,000.00

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FISCAL IMPACT

Description	Amount (\$)	% of Total
Design, Construction Management and Inspection, Contingency	\$315,375	28%
Construction Contract	\$696,990	62%
Overhead Electrical Materials	\$112,635	10%
Total:	\$1,125,000	100%

RECOMMENDATIONS

That the Board of Public Utilities:

1. Award Bid No. RPU-7481 for the GO-165 Pole Replacements and Material Storage Yard Fence Project to Asplundh Construction in the amount of \$696,990; and
2. Approve the total capital expenditure of \$1,125,000