

BID NO. SUB-836 FOR FURNISHING 24 SUBSTATION CIRCUIT BREAKERS FROM V&S SCHULER ENGINEERING IN THE AMOUNT OF \$2,170,143 AND WORK ORDER NO. 1906356 FOR AN INITIAL CAPITAL EXPENDITURE OF \$3,500,000

Riverside Public Utilities

Board of Public Utilities September 23, 2019

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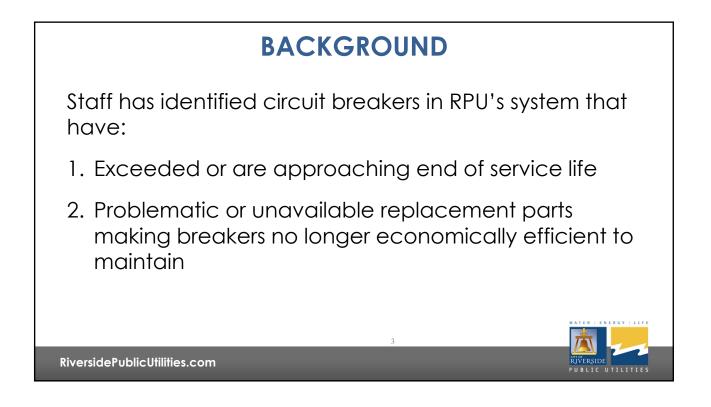
BACKGROUND

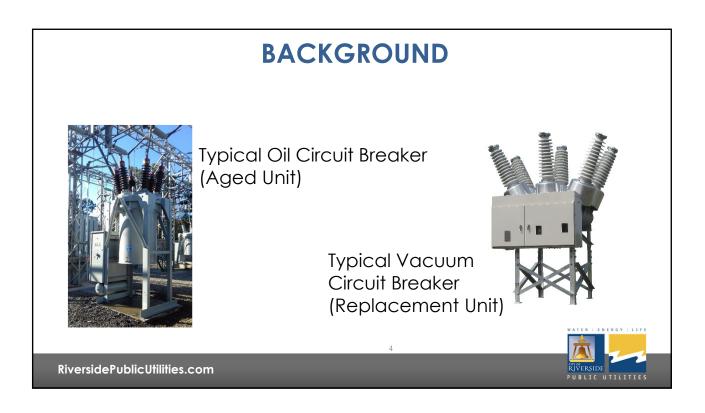
Substation Power Circuit Breakers:

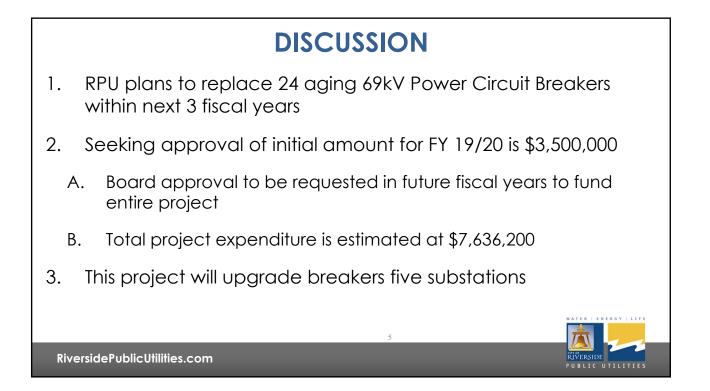
- 1. Critical components in electrical substations
- 2. Protect the power grid from electrical faults
- 3. Allow isolation of sections for maintenance and switching
- 4. Ensure the proper performance of substation reliability, safety and maintenance

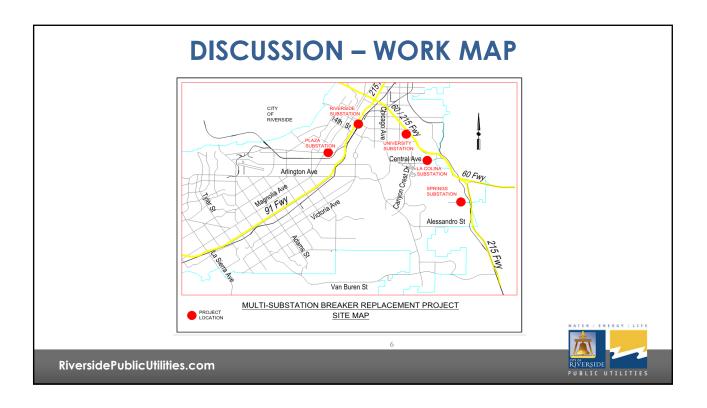
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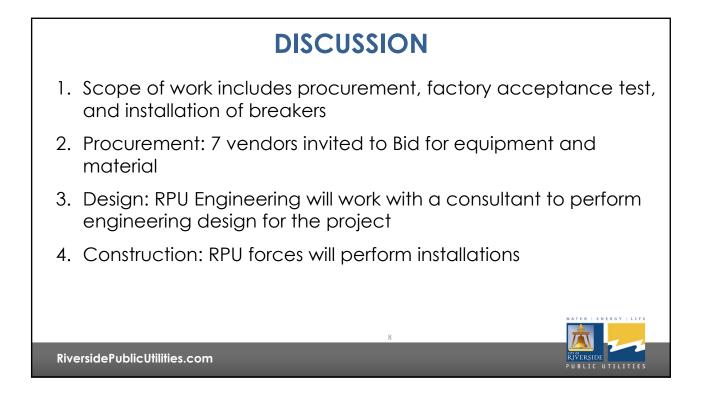








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BID RESULTS				
VENDORS	LOCATION	BID AMOUNT	RANKING	
V&S Schuler Engineering, Inc.	Canton, OH	\$2,170,143.00	1 st	
Concept Power Inc.	Las Vegas, NV	\$2,181,839.35	2 nd	
OneSource Distributors	Riverside, CA	\$2,260,826.27	3 rd	
Graybar Services, Inc.	San Bernardino, CA	\$2,291,041.56	4 th	
iversidePublicUtilities.com		9	WATER ENERGY LI	

PROJECT AND FISCAL BREAKDOWN

WORK TYPE	PERFORMED BY:	AMOUNT (\$)	
Fabrication/Delivery of 69kV Power Circuit Breaker per RFB No. SUB-836	V&S Schuler	\$2,170,143.00	
Consultant Design Services	Consultant	\$970,427.00	
Parts, Material and Equipment Rentals	Miscellaneous Vendors (TBD)	\$800,000.00	
Project Management and Engineering	Riverside Public Utilities	\$532,000.00	
Construction, Factory Testing, Field Testing and Commissioning	Riverside Public Utilities	\$2,800,000.00	
Contingency (5%)		\$363,630.00	
Work Order Total:	\$7,636,200.00		
Anticipated Start Date:	February 2020		
Anticipated Duration:		May 2022	
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RECOMMENDATIONS

That the Board of Public Utilities:

- 1. Award Bid No. SUB-836 for furnishing 24 substation power circuit breakers to V&S Schuler Engineering, Inc., of Canton, Ohio, in the amount of \$2,170,143; and
- 2. Approve Work Order No. 1906356 for an initial capital expenditure of \$3,500,000 for the Multi-Substation 69kV Circuit Breaker Replacement Project.

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