

BID NO. SUB-872 TRANSFORMERS PROCUREMENT TO DELTA STAR, INC, IN THE AMOUNT OF \$14,878,322; BID NO. SUB-873 BREAKERS AND SERVICE TRANSFORMERS TO ONE SOURCE SUPPLY SOLUTIONS, IN THE AMOUNT OF \$1,587,980, RIVERSIDE SUBSTATION BANK 6 ADDITION WORK ORDER NO. 2514855 FOR A TOTAL EXPENDITURE \$6,327,972 AND HARVEY LYNN SUBSTATION EXPANSION PROJECT WORK ORDER NO. 2616697 FOR A TOTAL EXPENDITURE \$14,042,000

PUBLIC UTILITIES

Board of Public Utilities
August 10, 2026

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PROJECT LOCATIONS

Two substation projects are included in RPU's Five-Year Capital Improvement Plan:

Purpose:

Replace aging infrastructure
Add system capacity
Improve reliability

Projects:

- 1- Riverside Substation Bank 6 Addition Project
- 2- Harvey Lynn Substation Expansion Project



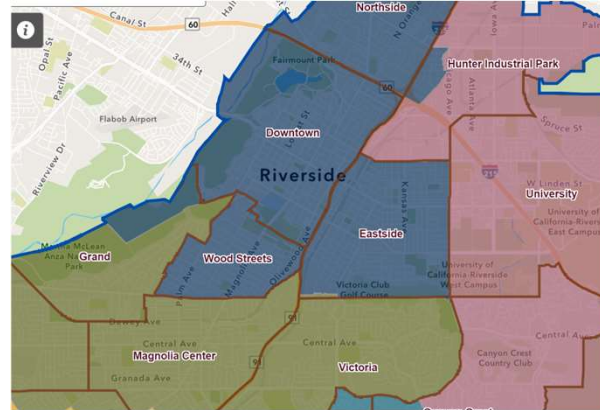
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RIVERSIDE SUBSTATION BACKGROUND

1. Serves 10,000 customers in Downtown, Eastside, and Wood Streets
2. Commissioned in the early 1960s
3. Expanded over time to meet growing demand
4. Original Transformers 1 and 2 still serve load at 4-kV
5. Remaining transformers serve load at 12-kV



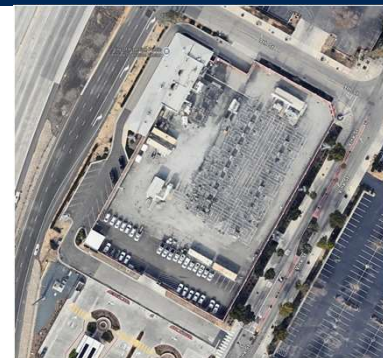
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RIVERSIDE SUBSTATION CHALLENGES

1. **Aging 4-kV infrastructure**
Transformers 1 and 2 and their switchgear date back to 1960
2. **4-kV to 12KV Conversion**
Existing 4-kV load needs to transfer to 12-kV service
3. **Existing 12-kV capacity is limited**
Current 12-kV transformers cannot absorb the added load



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RIVERSIDE BANK 6 ADDITION PROJECT

Part of RPU's Five-Year Capital Improvement Plan

1. Adds new 12-kV Transformer Bank 6
2. Adds new 12-kV switchgear lineup
3. Upgrades Getaways distribution circuits
4. Creates capacity to transfer existing 4-kV load
5. Enables retirement of Transformers 1 and 2 and aging 4-kV switchgear
6. Supports continued 4-kV to 12-kV conversion



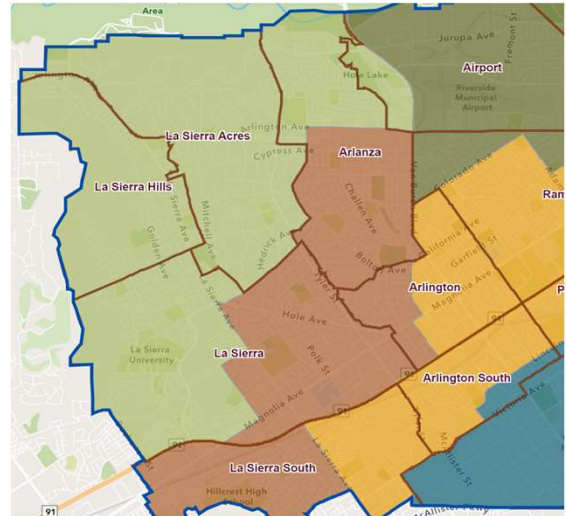
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HARVEY LYNN SUBSTATION BACKGROUND

1. Serves approximately 24,000 customers in La Sierra and Arlanza neighborhood
2. Commissioned in 1965
3. Original Transformer Banks 1 and 2 were installed as part of the station construction
4. Substation expanded over time to include Transformer Banks 3, 4, and 5
5. Transformer Banks 1 and 2 and associated switches are more than 60 years old



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HARVEY LYNN SUBSTATION CHALLENGES

1. Aging substation infrastructure

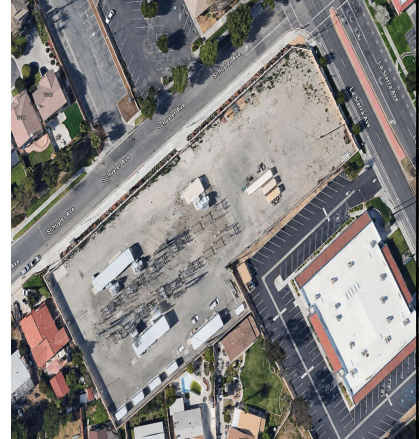
Transformer Banks 1 and 2, associated switchgear, and four 66-kV oil circuit breakers have exceeded design life

2. Limited capacity and contingency

Several transformers are overloaded with limited backup during outages

3. Replacement requires expansion

Existing positions cannot fit modern replacement transformers and switchgear



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HARVEY LYNN SUBSTATION EXPANSION PROJECT

Part of RPU's Five-Year Capital Improvement Plan

- Adds two new 45-MVA transformers
- Adds new 12-kV switchgear Nos. 7 and 8
- Upgrades distribution feeder getaways, cables, and duct banks
- Replaces four aging 66-kV oil circuit breakers
- Expands the 66-kV ring bus
- Adds approximately 40 MW of capacity and four additional distribution circuit positions
- Enables retirement of Transformer Banks 1 and 2 and associated aging equipment



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BID RESULTS - SUB-872 TRANSFORMERS

1. Bid released February 10, 2026

Informal procurement for three substation power transformers.

2. Project equipment

Two 45-MVA transformers for Harvey Lynn and one 33-MVA transformer for Riverside.

3. Bid closed April 16, 2026

Two bids were received and evaluated for price and conformance.

4. Recommended award

Delta Star, Inc. was the lowest responsive and responsible bidder.

Vendor	City Location	Bid Amount	Rank
Delta Star, Inc.	San Carlos, CA	\$14,878,322	1
Pennsylvania Transformer Technology, Inc.	Canonsburg, PA	\$15,175,277	2
Engineer's Estimate		\$16,000,000	

Action	Number
Vendors Invited	6
Bids Received	2
No-Bid Vendors	4



Typical Substation Transformer

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BID RESULTS - SUB-873 BREAKERS & SERVICE TRANSFORMERS

1. Bid released April 15, 2026

Informal procurement for nine circuit breakers and two station service transformers.

2. Supports both projects

Equipment is allocated to Riverside Bank 6 and Harvey Lynn Expansion.

3. Bid closed May 13, 2026

Two bids were received and evaluated for price and conformance.

4. Recommended award

One Source Supply Solutions was the lowest responsive and responsible bidder.

Vendor	City Location	Bid Amount	Rank
One Source Supply Solutions	San Diego, CA	\$1,587,980	1
Wesco Anixter	Glenview, IL	\$1,713,086	2
Engineer's Estimate		\$1,800,000	

Action	Number
Vendors Invited	5
Bids Received	2
No-Bid Vendors	3



Typical Station Service Transformer



Typical Circuit Breaker

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RIVERSIDE SUBSTATION BANK 6 ADDITION INITIAL FISCAL IMPACT

Work Type	Performed By	Amount (\$)	% of Total
Substation Design (Physical and Electrical) and Project Management	RPU Engineering	\$702,240	11.1%
Structural Foundation Design	Consultant	\$40,000	0.6%
Bid No. SUB-872 Transformers	Delta Star, Inc.	\$4,747,736	75.0%
Contingency - 10% (Bid No. SUB-872)	Delta Star, Inc.	\$474,774	7.5%
Bid No. SUB-873 Breakers and Station Service Transformers	One Source Supply Solutions	\$330,202	5.2%
Contingency - 10% (Bid No. SUB-873)	One Source Supply Solutions	\$33,020	0.5%
Work Order Total		\$6,327,972	100%

Anticipated Start Date:
September 2026

Anticipated Duration:
42 months

Estimated Final Cost:
\$13,429,172



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HARVEY LYNN SUBSTATION EXPANSION INITIAL FISCAL IMPACT

Work Type	Performed By	Amount (\$)	% of Total
Substation Design (Physical and Electrical) and Project Management	RPU Engineering	\$1,384,800	9.9%
Structural Foundation Design	Consultant	\$130,000	0.9%
Bid No. SUB-872 Transformers	Delta Star, Inc.	\$10,130,586	72.1%
Contingency - 10% (Bid No. SUB-872)	Delta Star, Inc.	\$1,013,058	7.2%
Bid No. SUB-873 Breakers and Station Service Transformers	One Source Supply Solutions	\$1,257,778	9.0%
Contingency - 10% (Bid No. SUB-873)	One Source Supply Solutions	\$125,778	0.9%
Work Order Total		\$14,042,000	100%

Anticipated Start Date:
September 2026

Anticipated Duration:
44 months

Estimated Final Cost:
\$28,809,439



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RECOMMENDATIONS

That the Board of Public Utilities:

1. Award Bid No. SUB-872 Transformers Procurement to Delta Star, Inc, of San Carlos, California, for the Harvey Lynn Substation Expansion Project and Riverside Substation Bank 6 Addition Project, in the amount of \$14,878,322, with a change order authority of 10% in the amount of \$1,487,832, for a total not-to-exceed amount of \$16,366,154;
2. Award Bid No. Sub-873 to One Source Supply Solutions, of San Diego, California, Harvey Lynn Substation Expansion Project and Riverside Substation Bank 6 Addition Project, in the amount of \$1,587,980, with a change order authority of 10% in the amount of \$158,798, for a total not-to-exceed amount of \$1,746,778;
3. Approve Riverside Substation Bank 6 Addition Work Order No. 2514855 for a total capital expenditure of \$6,327,972;

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RECOMMENDATIONS

4. Approve Harvey Lynn Substation Expansion Project Work Order No. 2616697 for a total capital expenditure of \$14,042,000; and
5. Authorize the City Manager, or designee, to execute any documents necessary to effectuate the project described herein, as well as the ability to make minor non-substantive changes in alignment with all purchasing policies.

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