



AGREEMENT WITH ATLAS COPCO FOR THE REPLACEMENT OF AIR COMPRESSOR EQUIPMENT AND A FIVE-YEAR EXTENDED WARRANTY FOR THE CLEARWATER POWER PLANT

Riverside Public Utilities

Board of Public Utilities
October 25, 2021

RiversidePublicUtilities.com



1

BACKGROUND

1. Clearwater Power Plant

- a. Commissioned in 2005 and acquired in 2010
- b. 28 MW Combined-cycle plant

2. Air compressors are essential equipment

- a. Have operated over 60,000 hours and require major overhaul or replacement
- b. Limited number of maintenance vendors
- c. RFPs were issued initially for a major overhaul of the equipment and then for replacement of the equipment



RiversidePublicUtilities.com



2

REQUEST FOR PROPOSAL 2040

1. Issued for new compressors and 5-year warranty with maintenance
2. Allowed staff to compare costs for new equipment vs major overhaul of existing equipment
3. Two proposals received
4. Atlas Copco was determined to provide the only complete and comprehensive proposal

Vendor	Location	Amount	Rank
Atlas Copco	Rock Hill, SC	\$154,628	1
FS Curtis Toledo Inc	Saint Louis, MO	\$104,809	2

RiversidePublicUtilities.com



3

ATLAS COPCO PROPOSAL

1. Comprehensive proposal
2. New air compressors and 5-year warranty equal to cost for major overhaul on old compressors
3. Includes 5-year extended warranty covers all preventative maintenance and repairs

Description	Cost
New Air Compressors	\$85,290.00
New Air Dryer	\$4,380.00
Freight	\$3,800.00
Start-up	\$850.00
Removal of Old Equipment	\$18,152.00
Credit for Old Equipment	(\$2,000.00)
Taxes	\$7,846.13
<i>Sub-Total</i>	<i>\$118,318.13</i>
5-year Warranty and Maintenance	\$36,310.00
Total	\$154,628.13

RiversidePublicUtilities.com



4

STRATEGIC PLAN ALIGNMENT

This item contributes to the following strategic priority and goal from the Envision Riverside 2025 Strategic Plan:

- **Strategic Priority 6, Infrastructure, Mobility & Connectivity**
Goal 6.2. Maintain, protect and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.

RiversidePublicUtilities.com



5

STRATEGIC PLAN ALIGNMENT

The item aligns with EACH of the five cross-cutting threads as follows:

1. **Community Trust** – Ensuring that Riverside's power plants can safely and effectively operate and provide electricity to the entire City and its communities serves the greater public good.
2. **Equity** – This item ensures that the power plants can safely and effectively operate and provide reliable electricity benefitting all of RPU's customers.
3. **Fiscal Responsibility** – By taking the extra step to evaluate the costs of replacing compared the cost of overhauling equipment, staff was able to identify the most cost-effective approach to ensure the power plant has operating equipment.
4. **Innovation** – This item is a new approach to Clearwater's maintenance and an improvement from the existing situation.
5. **Sustainability & Resiliency** – Riverside's three power plants operate during the most critical need for electricity. Having uninterrupted compressed air for the next five years is essential to sustaining a highly reliable power plant.

RiversidePublicUtilities.com



6

Recommendations

That the Riverside Public Utilities Board:

1. Approve the agreement with Atlas Copco of Rock Hill, South Carolina for the replacement of Air Compressor equipment and the five-year extended warranty program at the Clearwater Power Plant in the amount of \$154,628; and
2. Authorize the City Manager, or designee, to execute the agreement with Atlas Copco including minor non-substantive changes.