



NALCO CHEMICALS USED AT RERC & CLEARWATER POWER PLANTS

Riverside Public Utilities

Board of Public Utilities
December 12, 2022

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BACKGROUND

Use of specialized chemicals is an essential part of the normal process of producing electricity at Riverside Energy Resource Center (RERC) and Clearwater Power Plants

1. Specialized chemical treatment reduces
 - a. Bacteria growth and
 - b. Provides corrosion control on expensive components
2. Chemical usage increases commensurate with increases in each plant's operation
3. Power plants operated 3-times more this summer than previous summers and thus used more chemicals than originally forecast



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DISCUSSION

Nalco Company, LLC provides the specialized chemicals used at the RERC and Clearwater Power Plants

- a. Using the same specialized chemicals over time ensures compatibility with the complex systems at each facility
- b. Staff negotiated favorable prices covering 5 years directly with Nalco in 2020
- c. Competitive procurement was not required
 - i. Purchasing resolution 23914, Section 404, Utilities Exceptions
- d. An Annual Purchase Order for the specialized chemicals with Nalco in the amount of \$85,000 was approved by the RPU Board on June 27, 2022



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STRATEGIC PLAN ALIGNMENT



Strategic Priority 5 - High Performing Government

Goal 5.4. Achieve and maintain financial health by addressing gaps between revenues and expenditures and aligning resources with strategic priorities to yield the greatest impact.



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.

Cross Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability & Resiliency



Equity



Innovation



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RECOMMENDATION

That the Board of Public Utilities approve an increase in the annual expenditure limit by \$80,000 for a revised a total of \$165,000 with Nalco Company, LLC of Naperville, Illinois, for chemicals used at the Riverside Energy Resource Center and Clearwater Power Plants.

