



# UNINTERRUPTIBLE POWER SUPPLY (UPS) Procurement Project

## Riverside Public Utilities

Board of Public Utilities  
December 9, 2024

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## BACKGROUND

### UNINTERRUPTIBLE POWER SUPPLY (UPS) Upgrade Procurement

1. **Crucial operational tool** for maintaining continuous operation of our systems during power disruptions
2. **In-service UPS is outdated** and no longer supported by the manufacturer, presenting a substantial risk of costly downtime and data loss
3. **Upgrading to a modern UPS system** will mitigate these risks, ensuring reliable power backup and minimizing disruptions to continuous operation of our systems



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## DISCUSSION

### The Electric SCADA Network Upgrade Procurement consists of three key actions:

1. UPS will enhance Electric Operation's service continuity and resilience
2. A modern UPS offers higher energy efficiency, which helps in reducing operational costs and aligns with RPU sustainability objectives
3. An informal RFQ was conducted to acquire the UPS, involving three vendors. The goal was to select the vendor with the most competitive price while meeting all technical and service requirements

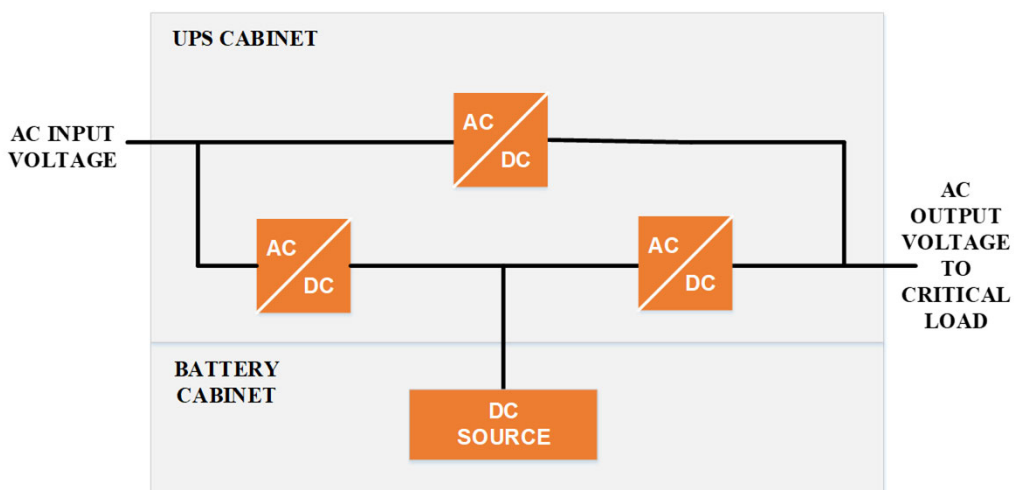


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## UPS CONNECTION DIAGRAM



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# DISCUSSION

**Camali Corp proposed the lowest cost:**

VENDOR	CURRENT MODEL	REPLACEMENT MODEL	QUOTE TOTAL WITH TAX
Camali Corp	Powerware 9390	Liebert EXM Single Module UPS System	\$143,163.00
Franco Electric	Powerware 9390	Liebert EXM Single Module UPS System	\$144,731.00
Delta Power Inc,	Powerware 9390	Liebert EXM Single Module UPS System	\$152,571.00



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# STRATEGIC PLAN ALIGNMENT

## **Strategic Priority 6 - Infrastructure, Mobility and 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



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## RECOMMENDATIONS

That the Board of Public Utilities:

1. Approve procurement of a Section 404 Utilities Exception Item – Uninterruptible Power Supply Upgrade with Camali Corporation, to replace an old UPS at UOC, in the amount of \$143,163; and,
2. Authorize the expenditure in the amount of \$143,163 for the UPS upgrade from the Public Utilities Electric Capital Account No. 6130200-470826.



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