



## RFP NO. 1994 – AGREEMENT WITH CEMTEK ENVIRONMENTAL INC. FOR THE ANALYZER PROJECT UPGRADE AT THE CLEARWATER POWER PLANT

Riverside Public Utilities

Board of Public Utilities  
April 26, 2021

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## BACKGROUND

### 1. Clearwater Power Plant

- a. Acquired by RPU in September 2010
- b. Serves and important role in providing electricity to meeting electricity demands

### 2. Analyzers for Continuous Emissions Monitoring System (CEMS)

- a. Required by operating permit and needed for SCAQMD and EPA compliance
- b. Constant 24/7 operation and monitoring
- c. Existing equipment is more than 15 years old
- d. Analyzers discontinued and long-term maintenance not feasible

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## CLEARWATER CEMS



CEMS  
building and  
sample line



CEMS  
analyzers

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## DISCUSSION

### 1. RFP 1994 posted on December 19, 2019 and closed on January 30, 2020

- a. Highly specialized equipment
- b. Two proposals received

Vendors	Location	Proposal Amount	Rank
1. Cemtek Environmental	Santa Ana, CA	\$ 97,988	1
2. Teledyne Monitor Labs	Englewood, CO	\$ 173,581	2

### 2. Cemtek Environmental deemed least cost and most responsive

- a. Utilizes existing components
- b. Only replaces sample line and obsolete analyzers
- c. Maintains reliability and minimizes cost

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## PREVENTATIVE MAINTENANCE

### 3. Agreement with Cemtek Environmental also includes annual preventative maintenance

- a. Favorable rates for 3-year preventative maintenance
- b. Agreement includes \$25,000 per year for 3-years for as-needed maintenance for existing CEMS components and minor analyzer repairs after 1-year warranty expires

Description	Amount
CEMS Analyzers and Sample Line	\$ 97,988
As Needed Maintenance \$25,000/year for 3 years	\$ 75,000
<b>Total Agreement Cost with Cemtek</b>	<b>\$ 172,988</b>

## RECOMMENDATIONS

That the Board of Public Utilities:

1. Approve the Professional Consultant Services Agreement in the amount of \$172,988 with CEMTEK Environmental, of Santa Ana, California for the Analyzer Project Upgrade at the Clearwater Power Plant for the contract ending July 1, 2024; and
2. Authorize the City Manager, or his designee, to execute the Professional Consultant Services Agreement with CEMTEK Environmental, including making minor and non-substantive changes.