

RERC CEMS UPGRADE AGREEMENT WITH TELEDYNE MONITOR LABS

Riverside Public Utilities

Board of Public Utilities
MAY 14, 2018

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BACKGROUND

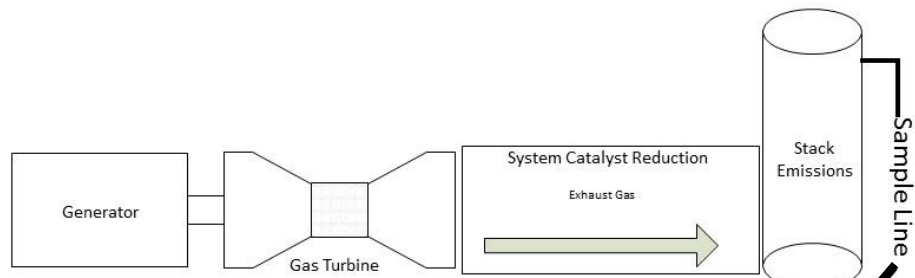
1. Continuous Emissions Monitoring Systems (CEMS) installed on four Riverside Energy Resource Center (RERC) gas turbine units
2. CEMS operate in compliance with the United States Environmental Protection Agency and the South Coast Air Quality Management District regulations
3. Horiba Instruments Inc., original CEMS equipment manufacturer, discontinued production and support
4. Upgrading the four CEMS at RERC ensures long-term reliability and environmental compliance

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2

BACKGROUND



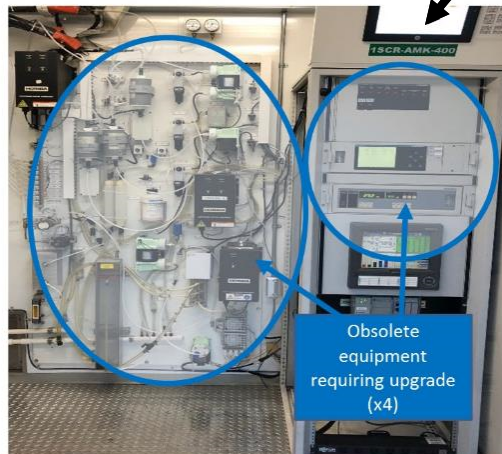
Continuous Emission Monitoring System



3

BACKGROUND

Continuous Emission Monitoring System



4

DISCUSSION

1. Request for Proposal No.1764 posted January 4-30, 2018
2. Five proposals submitted
3. Staff interviewed top two respondents
4. Staff selected Teledyne Monitor Labs
 - a. Best overall plan for upgrade
 - b. Reliable for long-term product support
 - c. Most cost-effective package

Top Two Vendors:	Location	Bid Amount	Rank
1. Teledyne Monitor Labs	Englewood, CO	\$372,258	1
2. Cemtek	Santa Ana, CA	\$439,067	2

Recommendations

That the Public Utilities Board:

1. Award Request for Proposal No. 1764 for Professional Consultant Services Agreement with Teledyne Monitor Labs, of Englewood, Colorado, for the Continuous Emissions Monitoring System upgrades at Riverside Energy Resource Center in the amount of \$372,258;
2. Authorize the City Manager, or his designee, to execute the Professional Consultant Services Agreement with Teledyne Monitor Labs; and
3. Approve Work Order No. 1813281 for \$420,000