

SERVICE AGREEMENT WITH CORMETECH FOR CARBON MONOXIDE CATALYSTS AT RERC UNITS 3 & 4

Riverside Public Utilities

Board of Public Utilities
June 22, 2020

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BACKGROUND

1. RERC Units 3 & 4

- a. Commissioned in 2011
- b. 96 MW units providing reliable electricity generation
- c. Critical units for meeting RPU's electricity demands

2. Carbon Monoxide (CO) Catalyst reduces air emissions

- a. Reduces more than 90% of the CO emissions
- b. South Coast Air Quality Operation Permit limit is 4 parts per million (ppm) – the lowest level in the State
- c. Lab results recommend replacement

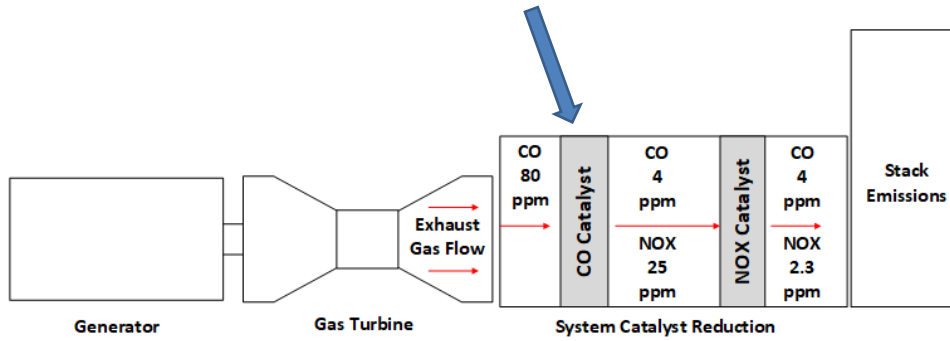
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GAS TURBINE FLOW OF EMISSIONS

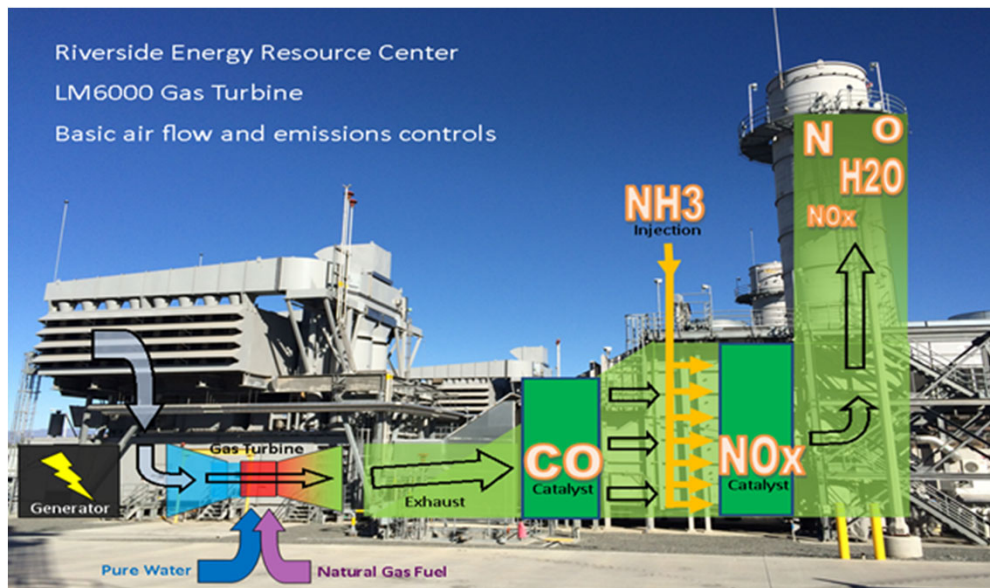


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DISCUSSION

- 1. On March 11, 2019, Board awarded RFP 1883 to Cormetech for RERC 1&2 CO Catalyst**
 - a. Most responsive proposer and excellent performance
- 2. RERC Unites 3 & 4 have the same core design with an additional 8 cu. ft. of catalyst material**
 - a. Cormetech is offering same pricing and terms despite the additional catalyst material
 - b. Prices firm until July 1, 2020
 - c. Proposal meets the Purchasing Resolution “piggyback” requirements

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RECOMMENDATIONS

That the Board of Public Utilities:

1. Approve a service agreement with Cormetech, Inc., of Durham, North Carolina, for Carbon Monoxide catalyst replacement at Riverside Energy Resource Center Units 3 and 4 in an amount of \$561,195;
2. Approve Work Order No. 2027437 for the Riverside Energy Resource Center Catalyst Projects in a total amount of \$633,000; and
3. Authorize the City Manager, or designee, to execute the service agreements with Cormetech, Inc. including the ability to make non-substantial changes.

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