CLARK COUNTY WATER RECLAMATION DISTRICT
BOARD OF TRUSTEES
AGENDA ITEM

Issue: Award of Contract

Petitioner: Thomas A. Minwegen, General Manager, Clark County Water Reclamation District

Clerk Ref. #

Recommendation:

That the Clark County Water Reclamation District Board of Trustees approve and accept the Financial Grade Operational Audit; approve a performance contract with Ameresco, Inc. (Robert Goergeoff, Vice President) for the design, purchase and installation of energy conservation and operating cost-savings measures identified in an audit at the Flamingo Water Resource Center; and authorize the General Manager to sign the contract, contingent upon submission of the required bonds and insurance; or take other action as appropriate. (For possible action)

FISCAL IMPACT:

<table>
<thead>
<tr>
<th>Fund #: Capital Funds</th>
<th>Fund Name: CCWRD General Fund</th>
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<tbody>
<tr>
<td>Fund Center: CCWRD Funds</td>
<td>Funded Pgm/Grant: N/A</td>
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<tr>
<td>Description: Energy Savings and Renewal Energy Projects</td>
<td>Amount: $9,712,110</td>
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Budgeted funds in the amount of $9,712,110 are available in the District’s Capital Account.

BACKGROUND:

On September 18, 2012, the Board of Trustees selected Ameresco, Inc. to perform a detailed Financial Grade Operational Audit at the Flamingo Water Resource Center Campus to identify appropriate energy and maintenance conservation and savings opportunities (RFP 913-11).

Energy performance contracting provides a comprehensive set of energy efficiency measures with an accompanying guarantee that the savings produced by a project will be sufficient to justify the project cost. Ameresco Inc.’s completed audit identified several critical maintenance items and energy conservation opportunities. Staff reviewed the audit with the assistance of a third-party consultant, Sigma Mechanical Engineering Consultants, following the statutory guidelines.

The proposed Performance-Based Contract includes the replacement of boilers, chillers, air handling units, building and server room cooling systems, variable frequency drives, and the retrofit of cooling/heating and laboratory hood controls, most of which are necessary to upgrade the District’s laboratory. Projected annual savings of $60,000 for electricity (884,588 kWh) and natural gas (6,071 therms) will be guaranteed by Ameresco Inc. Third-party measurement and verification services will be utilized at the end of construction and during the performance period at years 1, 2, 3, 5, 10, and 15. Environmental benefits from implementing the project will result in a reduction the production of carbon dioxide by 563 tons, sulfur dioxide by 223...
pounds, and of nitric oxide by 1,212 pounds per year. This reduction in carbon dioxide is equivalent to removing 140 cars from the road or powering 58 homes per year.

Staff recommends that the Board approve and accept the Financial Grade Operational Audit and authorize the General Manager to sign the Performance-Based Contract with Ameresco, Inc. (NBE) who currently holds a Clark County business license.

The recommendation of award is in accordance with NRS 332.360 applicable to performance contracts.

This agenda item has been reviewed and approved by the District Attorney’s Office.

Respectfully submitted,

Thomas A. Minwegen, General Manager