



Cathedral City

Legislation Text

File #: 2016-327, Version: 1

City Council

MEETING DATE: 8/24/2016

TITLE:

Agreement for the installation of a Photovoltaic Carport System at the Civic Center

FROM:

Tami Scott, Administrative Services Director

RECOMMENDATION:

Staff recommends the City Council authorize the City Manager to execute a Power Purchase Agreement to develop a photovoltaic carport system in the civic center parking lot at a cost of \$.1487kWh produced for 25 years.

BACKGROUND:

During the City Council's goal setting session earlier this year, staff was directed to explore the feasibility of a photovoltaic carport system at multiple locations on city owned property. At the June 29, 2016 Council meeting staff was directed to move forward with the project at the Civic Center only. On July 13, 2016 Council approved expanding the agreement to include taking over the existing solar system on the parking garage, however there is inadequate data available on our existing system to move forward with that expanded agreement at this time.

DISCUSSION:

Staff developed and completed a request for proposal ("RFP") during the month of April. The RFP was independently emailed to 26 potential providers as well as advertised and publicly noticed. Staff received four (4) responsive bidders to the RFP, which were Borrego Solar, NexTera Energy, Renova Solar and Stronghold Engineering. A maximum scoring system of 130 was developed based on project development, design and construction experience, project financing, material supply, operations and maintenance experience, rebate processing, Renewable Energy Credit ("REC") experience, energy production assurance, monitoring capabilities, team organization and qualifications, system design, performance projections, guarantees and warranties, project schedule; and, a 10% add-on for an organization located in the Coachella Valley. The high scorer was Borrego Solar.

Borrego Solar has been in business since 1980 and is the 2nd largest provider of photovoltaic solutions in the United States. Borrego provides complete in-house services to include design, engineering, construction, financing, maintenance and operations. Borrego is a California Corporation headquartered in San Diego, CA and holds a California State General Contractors B

license, C10 Electrical license and a C46 Solar license. Borrego has completed over 1100 projects totaling more than 220MW of solar installations of ground mount, carport and roof mounted systems. Borrego specializes in large scale, multi-site projects for schools, local and state governments, water agencies, IPP's (Independent Power Producers) like Southern California Edison and investor owned utilities. Borrego offered the best package, the most efficient panels and was the only vendor to physically inspect all the potential facilities.

To move forward, a Power Purchase Agreement ("PPA") will need to be developed to reflect ownership, maintenance and operations as the responsibility of Borrego. If, at a future date the conditions exist where Borrego can take over the existing system, an amended agreement will be brought back to Council.

FISCAL IMPACT:

Completing a PPA for the new system, will be at a rate not to exceed \$.1486kWh creating a net present value savings of approximately \$302,450 over 25 years.

ATTACHMENTS:

None