

AGENDA MEMO

CITY COUNCIL MEETING DATE: March 16, 2011

DEPARTMENT: FINANCE

ITEM DESCRIPTION: **CONTRACT NO. 10.15341.13-DC, Design-Build of the Solar Covered Parking, Phase II – Bid Lot E**

This project consists of the design and construction the design and construction of at least 190 kW of net AC power for an estimated 119 equivalent parking stalls. The Project shall include: crystalline type photovoltaic panels over Design-Build Team provided prefab steel carport frames at Fire Station #45 located at 3821 North Fort Apache, Fire Station #7 located at 10101 Banbury Cross Drive, Fire Station #41 located at 6989 North Buffalo Drive, Fire Station #43 located at 6420 Smoke Ranch Road and Fire Station #8 located at 633 North Mojave Road parking lots. The Project shall also include a battery power backup system and under canopy LED lighting and inverters which will provide approximately 190 kW of renewable energy. This project is anticipated to replace on average 44% of energy consumption from the grid and will help reduce the City's greenhouse gas emissions to achieve the City's targets established by the Sustainable Energy Strategy. The Project will be a complete photovoltaic installation to include, conduit, wiring, inverters, meters, disconnect switches, panels, data web interface logging and under canopy LED lighting.

CORE Construction Services of Nevada, Inc. was selected through a competitive Request for Proposal process.