

AGENDA MEMO

CITY COUNCIL MEETING DATE: March 16, 2011

DEPARTMENT: FINANCE

ITEM DESCRIPTION: **CONTRACT NO. 10.15341.14-DC, Design-Build of the Solar Covered Parking, Phase II – Bid Lot F**

This project includes the design and construction of at least 262 kW of net AC power for an estimated 135 equivalent parking stalls. Project shall include: crystalline type photovoltaic panels over one (1) existing city facility roof located at the Fire Equipment Service Center, 3140 East Bonanza Road, and crystalline type photovoltaic panels over Contractor provided prefab steel carport frames at Fire Station #44 located at 7701 West Washington Avenue, Fire Station #48, 9133 Elkhorn Road parking lots and thin film photovoltaic panels over standing seam Contractor provided prefab steel carport frames at Field Operations Center, 2875 Ronemus Drive and West Yard Fleet Transportation Center, 2950 Ronemus Drive parking lots which will provide approximately 262 kW of renewable energy. This project is anticipated to replace on average 55% 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.