

AGENDA MEMO

CITY COUNCIL MEETING DATE: March 2, 2011

DEPARTMENT: FINANCE AND BUSINESS SERVICES

ITEM DESCRIPTION: CONTRACT NO. 10.15341.12-DC, Design-Build of
the Solar Covered Parking, Phase II – Bid Lot D

This project consists of constructing photovoltaic panels over Contractor provided pre-fabricated steel carport covers for an estimated 318 parking stalls. The project includes five locations; Fire Station #5 located at 1020 Hinson Street and thin film photovoltaic panels at Centennial Hills Community Center located at 6601 North Buffalo Drive, Centennial Hills Park located at 7101 North Buffalo Drive, Lorenzi Park located at 3339 West Washington Avenue and Rainbow Family Park located at 7151 West Oakey Boulevard which will provide approximately 254 kW of renewable energy. This project is anticipated to replace on average 36% 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.

Martin Harris Construction was selected through a competitive Request for Proposal process.