



**LAS VEGAS VALLEY
WATER DISTRICT**

February 21, 2013

City of Las Vegas
Department of Planning
333 North Rancho Drive
Las Vegas, Nevada 89106

SUBJECT: CONTRACT NO. C1341 – RENEWABLE ENERGY PROJECT, PHASE II, REQUEST FOR SITE DEVELOPMENT PLAN REVIEW AMENDMENT (SDR-41591)

The Las Vegas Valley Water District (District) is in the process of designing renewable energy facilities on a portion of 20.69 acres of Bureau of Land Management land (Right-of-Way Grant N-61412) located at the northeast corner of Shaumber Road and the Elkhorn Road alignment (APN: 126-13-401-014). The District will install infrastructure to provide Sandia National Laboratories with a fully functional Nevada Regional Test Center (NRTC) at the District's Elkhorn 2975 Zone Reservoir site, located at 7210 Shaumber Road, Las Vegas, Nevada. The NRTC will be approximately four acres in size, located on the western-most portion of the site.

The NRTC will include monitoring and testing equipment on the site that will be housed to provide protection from the weather. Additionally, the NRTC will include provisions for daily collection of weather data on the site.

Site infrastructure will include a 480 volt, 3-phase service transformer for each photovoltaic test vendor to connect to the power grid, up to a total of 300 kVA. Auxiliary power infrastructure will also be provided and will consist of 120/240 volt single-phase service used for monitoring and communications equipment, and maintenance and construction power.

At this time, the District respectfully requests Site Development Plan Review SDR-41591, previously approved by the City of Las Vegas Planning Commission on June 14, 2011, be amended to replace the 93-foot tall solar collector tower with multiple solar collectors no larger than 30 feet tall by 48 feet wide solar panels and a 30-foot tall weather collection tower. The western property line is bounded by Shaumber Road and the southern property line is bounded by a 70-foot wide paseo, minimizing the impact on the surrounding residential development. The perimeter walls are of varying height and are constructed of natural finish cement masonry units; wall dimensions are shown on the exhibit drawings. The installation will be maintained by way of washing of the panels every six weeks with a typical garden hose. Access will be limited through a locked gate, as indicated on the plans.

The project is scheduled to begin construction in spring 2013 and to be completed in mid-2013.

If you have any questions, or require additional information, please contact Joseph Lin, Engineering Project Manager, at (702) 875-7062.

Sincerely,

Peter J. Jauch, P.E.
Manager
Engineering Design Division

PJJ:JYL:DML:jlr
Attachments

SDR-48456

PRJ-48348
03/12/13