

# United States Department of the Air Force

## AETC Air Force Real Property Agency (AFRPA)



**Enhanced Use Leasing  
Luke AFB/Barry M. Goldwater Range  
RFQ No. AFRPA-08-R-0007**

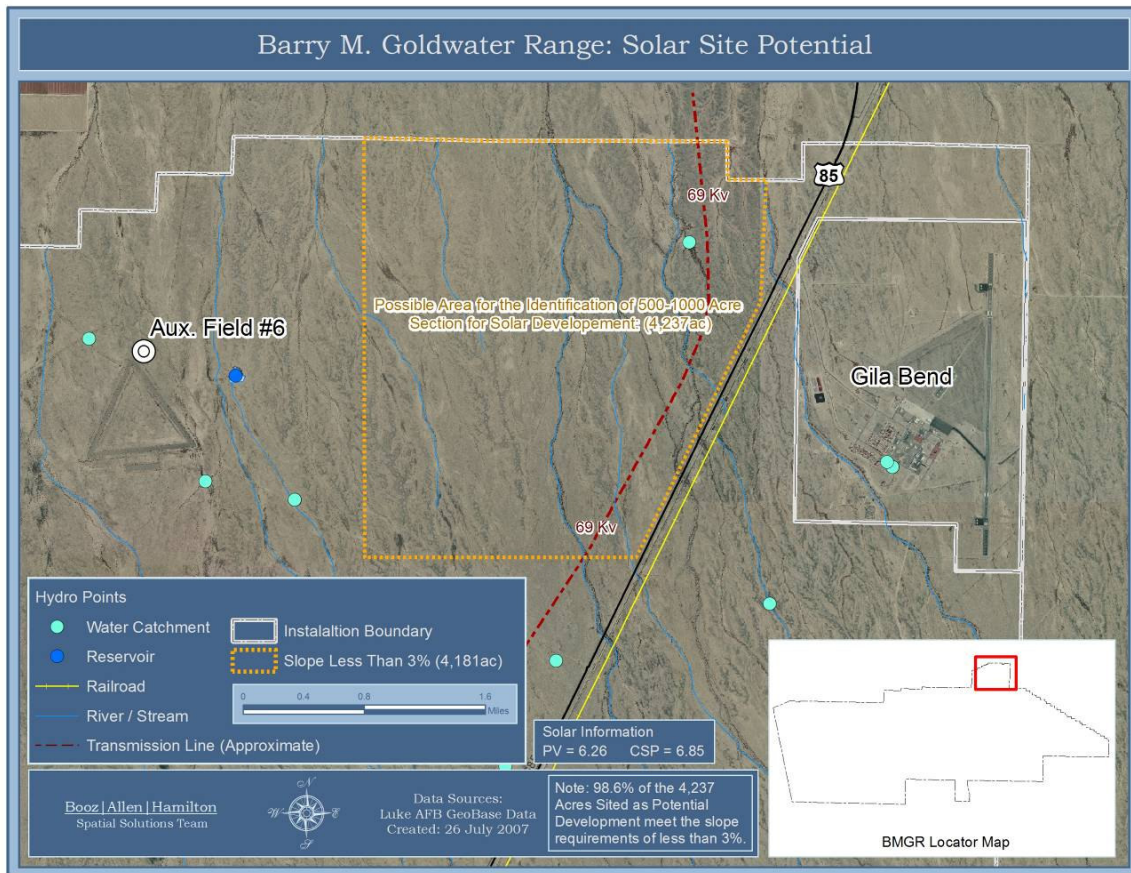
## **REQUEST FOR QUALIFICATIONS APPENDIX B Description and Map of Leased Premises**

**PROPOSALS ARE DUE NO LATER THAN  
5:00 P.M. EST March 31, 2008 AT:**

JONES LANG LASALLE  
1801 K Street, NW  
10th Floor  
Washington, DC 20006  
Voice: (202) 719-5853 Fax: (312) 416-5414  
Email: [bryan.thomas@am.jll.com](mailto:bryan.thomas@am.jll.com)  
Web Site: <http://www.jllpress.com>

## APPENDIX B. DESCRIPTION AND MAP OF LEASED PREMISES

The identified parcel is shown in the map below. The Parcel is further described below. (Note: Boundaries are subject to a final property survey, setbacks and development constraints, as well as negotiations with the selected developer.)



### Identified Parcel

The identified parcel is located on northeast section of BMGR. The site is approximately 4,000 acres of undeveloped property with a slope less than 3%. Within this site, a parcel of up to 2,700 acres could be identified as a potential location for a solar energy EUL project.

The identified parcel has direct access to a 69 kV electricity transmission line that traverses north to south through the site and connects to the Gila Bend substation. Ajo Improvement Company, a subsidiary of Phelps Dodge Corporation, has obtained a right-of-way grant to construct and operate a 230 kV line.

The BMGR includes portions of two major groundwater basins and as identified by Arizona Department of Water Resources (ADWR) Well Registry has approximately 74 groundwater wells on the range. Of the 74

wells, five are registered to the U.S. Air Force. Annual water usage at is .05 million gallons at BMGR Manned Ranges 1 to 4, and minor amounts at other locations throughout the range. Water from wells is used on the range for construction, dust control, and potable water supply for selected facilities.

The identified parcel has excellent solar resources measured at 6.85 kWh/m<sup>2</sup>/day for concentrating solar power systems and 6.26 kWh/m<sup>2</sup>/day for photovoltaic systems which make the solar resources in the area the second best in the country.

Figure 1: BMGR Map

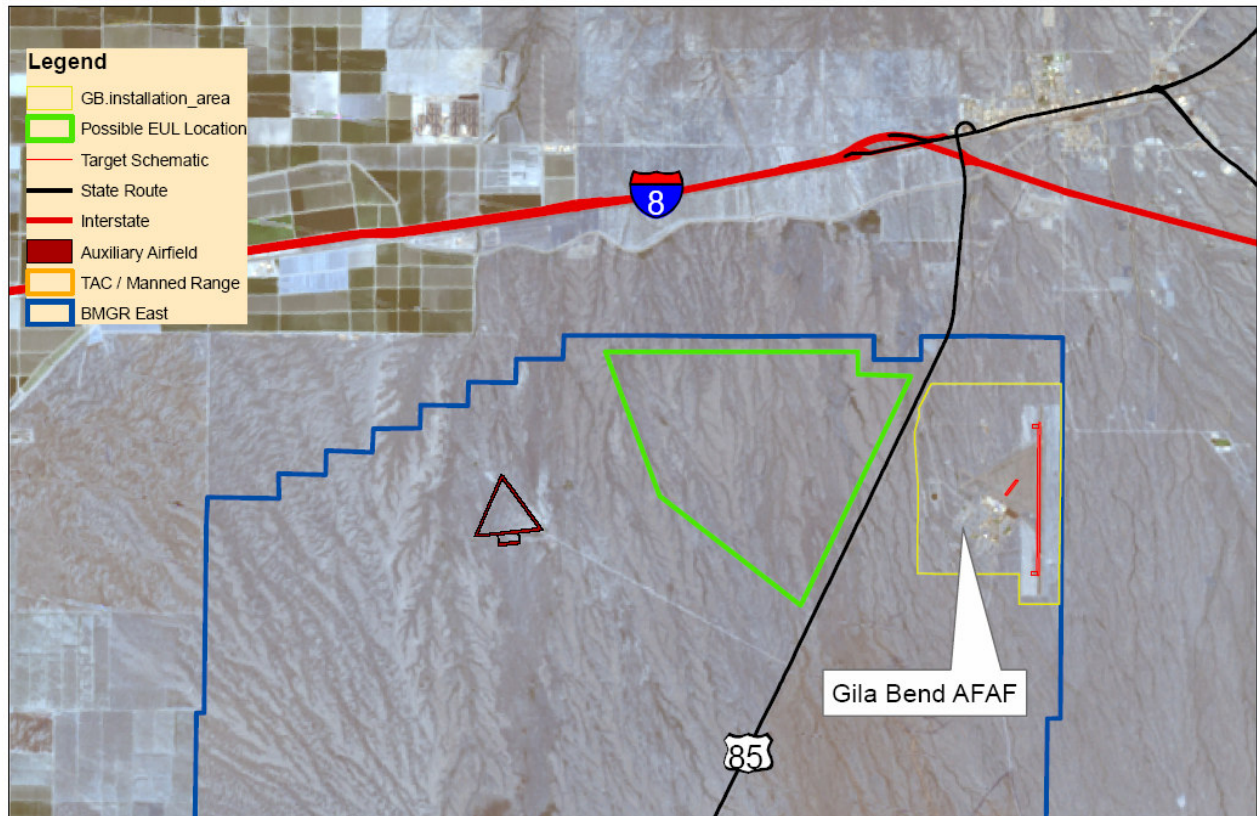


Figure 2: Land Ownership Map

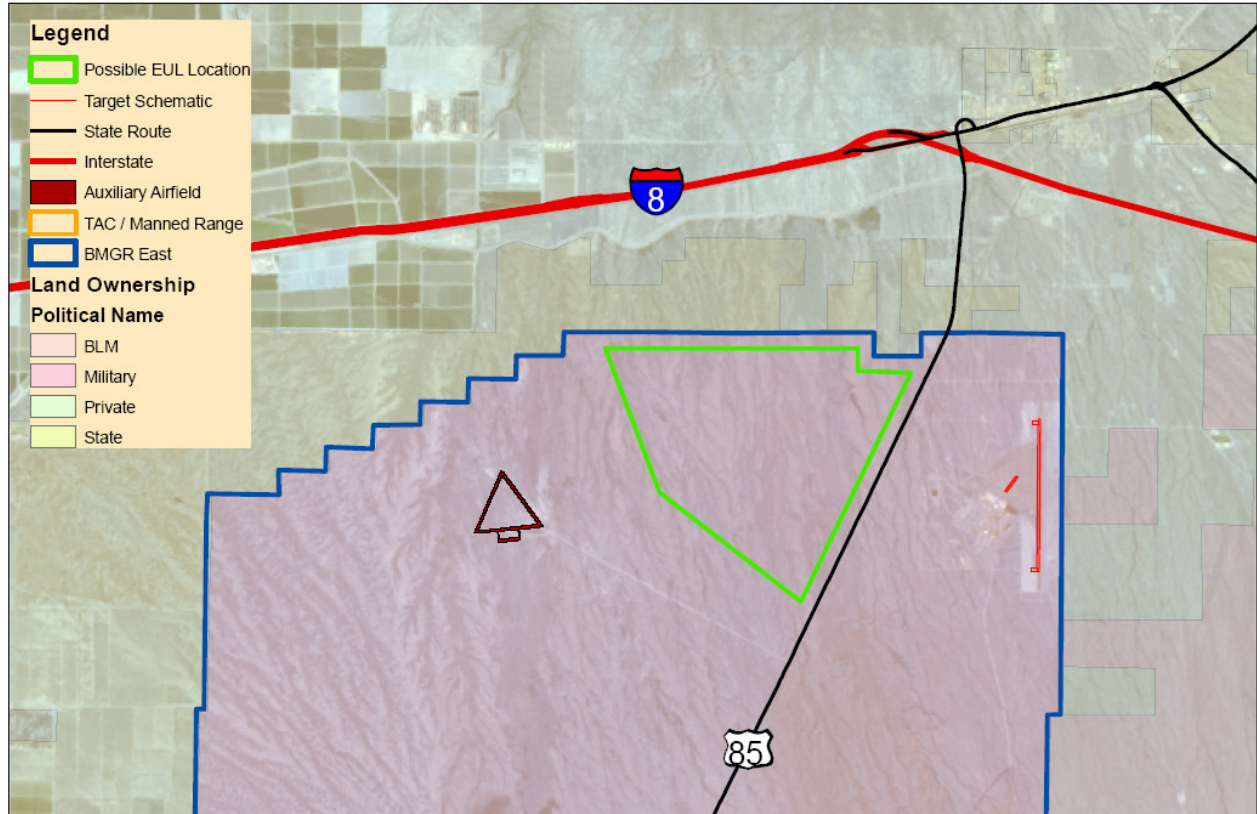


Figure 3: Road Map

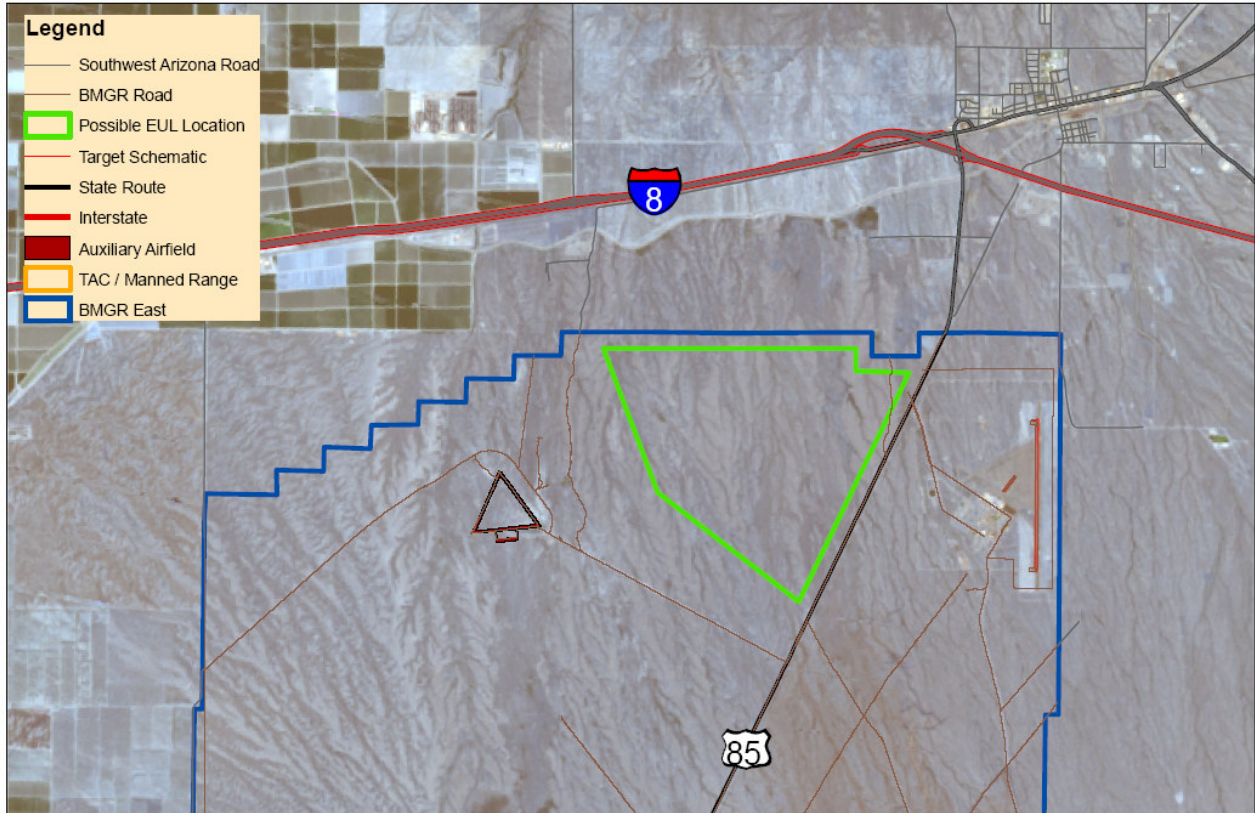


Figure 4: Vegetation Map

