



AECOM
1420 Kettner Boulevard
Suite 500
San Diego, CA 92101
www.aecom.com

619.233.1454 te
619.233.0952 fax

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DATE MAR 19 2010

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March 19, 2010

Mr. Frederick Redell
Abengoa, Inc.
11500 West 13th Avenue
Lakewood, CO 80215-4406

Subject: Cost Proposal for Abengoa Mojave Solar Project Golden Eagle Survey and Report

Dear Mr. Redell:

AECOM is pleased to provide you with this cost estimate for conducting golden eagle surveys for the Abengoa Mojave Solar Project (Project), in the vicinity of the town of Lockhart, San Bernardino, California. AECOM has coordinated with Bloom Biological, Inc. (Bloom) to provide this scope and cost estimate for technical field expertise for the completion of the U.S. Fish and Wildlife Service (USFWS) protocol level golden eagle survey within an area encompassed by a 10-mile buffer surrounding the Project. The following scope of services describes 5 tasks. A cost estimate for Task 1 through Task 4 are included in this submittal. Task 5 is a conditional task, and if necessary based on the outcome of Task 2, a cost estimate will be provided at a later date.

Task 1: Mobilization and Background Review

Existing applicable studies conducted in the area, other related data and reports, and any potentially relevant correspondence from the resource agencies shall be reviewed. Included shall be the review of BLM's historic documents, which shall be included in the final report (Task 3).

Task 2: Field Work

Helicopter-based raptor surveys shall be conducted, following the U.S. Fish and Wildlife Service Interim Guidelines for Golden Eagle surveys, to record and report occupancy (Phase 1) and productivity (Phase 2) of resident golden eagles including, but not limited to, the following:

- individual activities,
- nests and territories on and surrounding the subject solar farm project, and within an approximate 4- to 10-mile radius of the proposed project (assumed U.S. Fish and Wildlife Service (USFWS) requirement)

The surveyors shall also record activity of any raptors/sensitive species (e.g., Swainson's hawk, etc.). During flight, 2 biologists shall be observing at all times while 1 shall be recording and marking data when appropriate. Two GPS units, 1 primary and 1 backup, shall be used to document geographic locations of importance and the routes taken. A manual back up of these coordinates shall be entered in field notes as part. The pilots shall have experience flying cliff ecosystem raptor surveys and high power transmission lines, but shall not be responsible for raptor observation. Two helicopter surveys are part of this proposal, based on the recent changes to the Eagle Protection Act. The first (Phase 1) shall be conducted in March 2010 and the second (Phase 2) in late April/early May 2010.



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Task 3: Report

The results of the above helicopter surveys shall be presented in a report. The purpose of this report is to fulfill the USFWS requirements for golden eagles. Electronic versions of the report shall be provided to AECOM as a Microsoft Word document, and as a Portable Document Format (PDF) to facilitate submittal to the CEC and docketing on the CEC website.

The report shall include the following:

- Background information, including any other golden eagle work (data collections and experience), the proposed solar farm project(s), and the purpose of the work conducted
- Methods and Constraints, including map of helicopter survey route
- Results, including a brief summary of each eagle territory and the observations from the helicopter surveys
- A map showing exact GPS nest locations
- Discussion of findings and potential impacts including whether local golden eagle conservation efforts are meeting goals for improvements in the status of golden eagles and meeting permit conditions while also providing a foundation to evaluate whether, and which, activities or conditions may be affecting golden eagles
- Literature Cited
- Appendices, as appropriate (e.g., way points, photographs, etc.)

Task 4: Meetings

Up to 3 meetings with the resource agencies and federal agencies, and meetings with AECOM/Applicant staff to discuss approach and findings are included herein.

Task 5: Ground Monitoring of Known Territories (Conditional Option)

Based on the results of the helicopter surveys (Task 2, Phases 1 and 2), ground monitoring of golden eagle territories for nesting success may be required. **If necessary, the consultant will provide a scope and cost modification for ground monitoring to document nesting success at known territories identified during project field work.** The ground monitoring methodology shall follow Section VII.c Ground Surveys of the USFWS Interim Guidelines for Golden Eagle surveys. The consultant shall set up Observation Posts (Ops) no closer than 300 meters, and no further than 700 meters if feasible, for monitoring territories. Where terrain interferes with monitoring, the maximum allowable OP distance would be 1600 meters. There shall be 2 monitoring periods per nest, separated by a minimum of 30 days. Each period shall consist of at least 4 hours of monitoring per known nest site, or until territory occupancy can be confirmed.

All dates shall be recorded for: each monitoring visit, fledging success, confirmation of nesting failure, or other pertinent nesting data. The consultant shall document the criteria used to conclude the success or failure of a nest.



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If additional monitoring periods are necessary to determine fledging success, a modified scope and cost estimate shall be required.

SCHEDULE

Phase 1 shall be initiated within one week of receiving authorization and the below items (see Client Responsibility) and Phase 2 a minimum of 30 days after Phase 1 survey. Fieldwork is anticipated to be completed for Phase 1 in late March 2010, and Phase 2 in late April/early May of 2010. If no eagle nests are found during the Phase 1 survey the efficacy of the Phase 2 will be reconsidered. Final reports (one for each of two phases) shall be provided within 2 weeks of completing the fieldwork and any agency-related meetings.

APPLICANT RESPONSIBILITIES

- Abengoa shall provide the following to AECOM and Bloom:
 - One reproducible or electronic copy of a site map, showing topography and the limits of the project site boundaries
 - One reproducible or electronic copy of proposed construction at the same scale
 - One copy of a current or recent aerial photograph, with the site boundaries indicated (same scale as above, if possible)
 - Copies of any relevant biological reports, maps, etc.
 - Copies of any agency correspondence regarding this project that might affect the survey protocol

The total estimate for Tasks 1 through 4 of this Scope of Services includes completion of the field work and report by Bloom, with oversight and coordination by AECOM. AECOM will act as the liason between Abengoa and Bloom, and will provide up to 6 total hardcopies and 1 electronic submittal of the final report for the CEC and USFWS.

The total cost estimate for the site assessment survey and the preparation of a draft and final memorandum is

If you have any questions or comment regarding this cost estimate, please contact me at the address above, or call me at (619) 233-1454.

Sincerely,

Mr. William Graham
Principal