



ecology and environment, inc.

International Specialists in the Environment

350 Sansome Street #300

San Francisco, California 94104

Tel: (415) 981-2811, Fax: (415) 981-0801

February 17, 2006

Ms. Mandy Allen
Monterey Bay Aquarium Research Institute
7700 Sandholdt Road
Moss Landing, CA 95039

RE: Environmental Training Additional Task Cost Estimate

Dear Ms. Allen,

Ecology and Environment, Inc., (E & E) is glad to have the opportunity to provide additional services to MBARI prior to installation of the Monterey Accelerated Research System (MARS). Per our discussions over the last few weeks, we are providing this scope of services and cost estimate to complete Pre-Construction Environmental Training for construction personnel in accordance with all required environmental permits.

Development of Agenda and Training Session, Coordination with Agencies

E & E will review all of the obtained permits for the MBARI MARS project and develop a training agenda of environmental topics to be covered during the training session. This agenda will be submitted to the agencies for review and final approval as required by the permits. It is assumed that the agenda items will be clearly identified within the permits as issued and that additional discussion or negotiation with the agencies will not be required. Once the agenda has been finalized and approved by MBARI and the responsible agencies, E & E will develop a complete training package to be used during the training session prior to commencement of any construction activities.

The training package will include specific information on the environmental topics as required by the permits, including required schedules, construction restrictions, avoidance of sensitive areas, responsible persons and/or agencies, and contact information for reporting issues or emergencies. It is assumed that MBARI will print all necessary materials received electronically from E & E; therefore, copying and materials costs have not been included in our estimate.

Conducting Training Session

The purpose of the training is to (1) comply with the permit requirements from multiple agencies to conduct the training, and (2) ensure that all construction and other personnel present on the work site are familiar with the environmental issues associated with the project site as well as the requirements of each permit. Environmental training will be conducted on the work site or at the

MBARI facilities prior to commencement of any construction work. The training session will be conducted in a single 1½ hour session on a date to be determined by MBARI based on the construction schedule. Handouts will be provided to each attendee containing information covered in the session for later reference as needed. It is assumed that only one training session will be conducted, however, as we have discussed, additional training sessions can be arranged at additional cost.

Per MBARI's request, I have provided an itemized estimate of labor hours and costs to complete the above scope of services and optional additional day(s) of training as required. Estimated costs for completing this additional task are \$5,500.00.

MBARI MARS Pre-Construction Environmental Training		
Development of Agenda and Training Session, Coordination with Agencies	4,300	43 hours
Conducting Training Session (1 day)	1,100	11 hours
ODC's	100	Travel (gasoline/mileage)
Total	\$5,500	

Please review the estimated costs and contact me at 415-981-2811 if you have any questions. I look forward to working with you on this task.

Sincerely,

Adrienne Fink, Project Manager
Ecology & Environment, Inc.

cc: Keith Raybould, MBARI
Ron Karpowicz, E & E