

Review Form

Proposal number: 2001-B202-2

Short Proposal Title: Arundo Donax: Survey and Eradication

1a) Are the objectives and hypotheses clearly stated?

Yes the objectives are clear. Scientists and ecologists have established that Arundo is detrimental in rivers and creeks in California. This team will remove Arundo under the hypothesis that the native species will return and restore natural habitat.

1b1) Does the conceptual model clearly explain the underlying basis for the proposed work?

The conceptual model presented is straightforward and clear: Arundo degrades riparian habitat by aggressively out competing native vegetation. Removal is the first step toward restoration.

1b2) Is the approach well designed and appropriate for meeting the objectives of the project?

Yes. The team has had success with these techniques on streams in the area already and they are the proven techniques in use throughout the state by other workers.

1c1) Has the applicant justified the selection of research, pilot or demonstration project, or a full-scale implementation project?

Yes. For the territory of the stated boundaries this project will begin to fully remove Arundo – hence a full-scale implementation although more money may be needed.

1c2) Is the project likely to generate information that can be used to inform future decision making?

Yes. The project will collect data on the return of native vegetation to streams and rivers both by manual and natural means.

2a) Are the monitoring and information assessment plans adequate to assess the outcome of the project?

Yes. The monitoring and assessment criteria are well thought out and will provide the type of data needed to assess the outcome of the project.

2b) Are data collection, data management, data analysis, and reporting plans well-described, scientifically sound and adequate to meet the proposed objectives?

Yes. The monitoring and assessment criteria are well thought out and will provide the type of data needed to assess the outcome of the proposed objectives.

3) Is the proposed work likely to be technically feasible?

Yes. The work should be technically feasible and is similar to the Team Arundo del Norte project already funded by CalFed in the Bay/Delta area.

4) Is the proposed project team qualified to efficiently and effectively implement the proposed project?

Yes. Dr. Holman has experience with Arundo removal and Dr. Griggs has over two decades of restoration and monitoring experience. The GIS work will be done by experts in the field.

Miscellaneous comments

Arundo is a major ecological threat to the CalFed Bay-Delta system. It is the type of invasive species that TOTALLY changes the habitat it invades. It was listed as a top priority by the CalFed Non-native Invasive Species

**Overall Evaluation
Summary Rating**

Provide a brief explanation of your summary rating

Excellent

I have assigned a rating of excellent to reflect the quality of the proposal in addressing the format requested by the PSP. The project team, methodology seem likely to succeed and meet the objectives of the CalFed ERP.

I also assign excellent based on the importance of the project to the health of the Bay-Delta Ecosystem. Arundo totally degrades stream quality.

- Very Good
- Good
- Fair
- Poor