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SCCWRP Clear Lake Sampling & Analysis Services Request for Qualifications

Bidders Informational Webinar

January 4, 11 – 11:50 am

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Southern California Coastal Water Research Project

Purpose of Request for Qualifications

- SCCWRP anticipates receiving a contract from the Water Board to conduct the research in to understand drivers of cyanobacterial blooms in Clear Lake
- Objective of technical assistance
 - Provide expertise in molecular approaches to sampling, identification, and description of lake phytoplankton and cyanobacteria cyanoHAB species composition;
 - Deploy and map high-resolution water column chemical and physical patterns and heterogeneity, using: 1) a Wirewalker and 2) EcoMapper or similar technology. Additional descriptions of these technologies are found in Appendix I.
 - Provide expertise in analysis of observational data to investigate drivers of cyanotoxin production and in the development of predictive models (empirical or mechanistic) to link environmental drivers to ecosystem responses

Preparing a Qualifications Package

- Cover letter that specifies:
 - summarizes the collective qualifications and experience of the consultant team they are proposing as support (upto three co-principal investigators for the contract, plus a lead investigator).
 - Billing rates should be provided in an additional table in the cover letter for lead and co-principal investigator of the team.
 - Certification statement
- For each consultant on the team,
 - Curriculum vitae of maximum length of 10 pages, one sided page, 12 point font Roman, which demonstrates their qualification and experience. Included in this curriculum vitae should be a narrative description of expertise and qualifications.

Qualification Package Evaluation Process & Criteria

- Qualifications (50 pts)
 1. academic background(s) and expertise in
 - (a) ecological and physiology of aquatic ecosystems, with demonstrated expertise in freshwater harmful algal blooms,
 - (b) development of tools and techniques for distributed robotic systems, with experience in deployment and use of Wirewalker and EcoMapper or equivalent technology to investigate high resolution spatial data patterns,
 - (c) genetic barcoding, metagenomics and metatranscriptomics science, with a focus on aquatic microbial communities, and
 - (d) data analyses and/or empirical or dynamic modeling of microbial populations.
 2. Experience working interdisciplinary teams to conduct research on physical, chemical and biological drivers on harmful algal blooms and a strong track record of publication of such scientific research in peer-reviewed journals.
- Experience (40 points): Points for experience will be awarded based on the extent of experience highlighted in the qualifications above.
- Cost (10 points): Points will be awarded on cost based on the average billing rate of the top four (or fewer) team members identified as principal investigators in the cover letter of your qualifications package.

Qualifications Package Due January 18, 2018 at 5 pm

- Sealed qualification packages must be received at SCCWRP's offices, 3535 Harbor Blvd. Suite, 110, Costa Mesa CA, by the hour of 5:00 pm on January 18, 2019
- Packages received by facsimile or Email will not be accepted.
- Anticipate notification of award within 2 weeks.