

SCCWRP Eutrophication Modeling Services Request for Qualifications

Bidders Informational Webinar

January 4, 10 – 10:45 am

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Southern California Coastal Water Research Project

Purpose of Request for Qualifications

- SCCWRP anticipates receiving contracts from the Water Board to science to support the development of TMDLs for multiple waterbodies impacted by eutrophication
- Objective of technical assistance
 - Set up, refine, validate and/or apply **watershed loading models** that simulate the surface water freshwater discharge, nutrient concentration and loads, temperature, suspended sediment, and DO source signatures of surface waters that contribute to downstream rivers, lakes, and estuaries.
 - Set up, refine, validate, and/or apply **receiving water quality models** that simulate water body responses to environmental factors that control **eutrophication**, specifically with respect to **algal and organic matter accumulation, sediment diagenesis, light limitations, etc. to benthic primary producers.**

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. Expertise setting up, calibrating and applying watershed loading model to simulate nutrients and other environmental factors that can contribute to eutrophication of downstream waterbodies.
 2. Expertise in setting up, calibrating and applying hydrodynamic and eutrophication water quality models to capture external and in situ waterbody conditions that control responses to eutrophication.
 3. Expertise applying models to support management conversations on nutrient or eutrophication management.
- Experience (40 points): Points for experience will be awarded based on the extent of experience highlighted in the qualifications above. Experience applying watershed loading and receiving water models to **Mediterranean coastal watersheds, estuaries and wadeable rivers** will receive extra consideration.
- 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