

SEASIDE BASIN WATERMASTER
REQUEST FOR SERVICE

DATE: 6/10/2009

RFS NO. 2009-03

(To be filled in by WATERMASTER)

TO: Derrick Williams
HydroMetrics LLC
PROFESSIONAL

FROM: Robert Jaques
Technical Program Manager
WATERMASTER

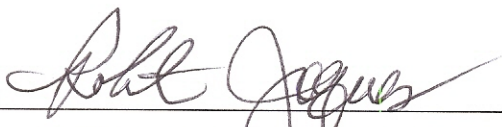
Services Needed and Purpose: Obtain additional groundwater modeling data from the Salinas Valley Groundwater Basin in order to input this data into the updated groundwater model of the Seaside Basin being developed by PROFESSIONAL. See detailed outline of work in Attachment 1.

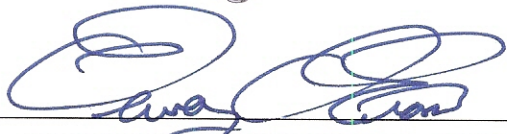
Completion Date: All work of this RFS shall be completed not later than December 31, 2009, and shall be integrated into the Schedule for the work of RFS 2009-02.

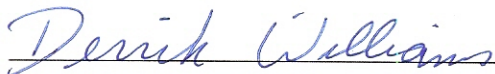
Method of Compensation: Time and Materials (As defined in Section V of Agreement.)

Total Price Authorized by this RFS: \$ 7,500.00 (Cost is authorized only when evidenced by signature below.) (See Table 1 in Attachment 1 for Detailed Breakdown of Estimated Costs).

Total Price may not be exceeded without prior written authorization by WATERMASTER in accordance with Section V. COMPENSATION.

Requested by:  Date: 6/12/09
WATERMASTER Technical Program Manager

Authorized by:  Date: 6/15/2009
WATERMASTER Chief Executive Officer

Agreed to by:  Date: 6-10-2009
PROFESSIONAL
HydroMetrics

ATTACHMENT 1

PROFESSIONAL has notified the WATERMASTER that data PROFESSIONAL anticipated getting from Monterey County Water Resources Agency (MCWRA) at no cost, and which is essential to use in developing the Seaside Basin updated groundwater model under RFS No. 2009-02, is not available from MCWRA. PROFESSIONAL has learned that the data will have to be obtained from the consultant MCWRA uses to operate their model. The consultant quoted PROFESSIONAL \$7,500 to do a run of their model to produce the needed data, as noted in the attached Draft Scope of Work dated May 26, 2009.

PROFESSIONAL advises that there is no other way of getting the data, and that the Seaside Basin model must have this data in order to be accurate and to perform properly.

Under this RFS No. 2009-03 MCWRA's consultant will provide to PROFESSIONAL two sets of results from the Salinas Valley SVIGSM. One set of results will consist of monthly simulated groundwater levels for a historical, calibrated model simulation (1987-1994). Simulated groundwater levels will be provided for all SVIGSM model nodes that are either overlain by, or are adjacent to, the Seaside Groundwater Basin Model. A shapefile showing the extent of the Seaside Groundwater Basin Model has already been provided to MCWRA's consultant by PROFESSIONAL.

The second set of results will consist of simulated groundwater levels for anticipated future conditions that incorporate the Salinas Valley Project and NOAA Fisheries minimum flow requirements on the Salinas River. This simulation will cover the same 1987-2004 hydrologic period. As with the first set of results, simulated groundwater levels will be provided for all SVIGSM model nodes that are either overlain by, or are adjacent to, the Seaside Groundwater Basin Model.

The total cost to the WATERMASTER of having PROFESSIONAL obtain this data from MCWRA's consultant shall not exceed \$7,500.

HYDROMETRICS
GROUNDWATER MODEL BOUNDARY CONDITIONS
DRAFT SCOPE OF WORK

MAY 26, 2009

PREPARED BY: WRIME, INC.

1. SCOPE OF SERVICES

Groundwater level output from the Salinas Valley Integrated Groundwater and Surface Water Model (SVIGSM) will be prepared and delivered to HydroMetrics for use as boundary conditions for their model of the Seaside Basin. The scope of services is as follows:

Monthly groundwater level data, by model layer, will be provided for the SVIGSM groundwater nodes (to be identified by HydroMetrics) for the following model scenarios and time periods:

- o Historical calibration model run (1987-1994)
- o Future Conditions Baseline (1987-2004), which includes the Salinas Valley Water Project

Data will be provided to HydroMetrics in a Microsoft Excel file.

The major assumptions included in the Historical calibration model run and in the Future Conditions Baseline will be summarized in a brief 1-page memorandum.

Coordination will be provided with HydroMetrics project manager via email and telephone. No meetings are included in this Scope of Work.

2. BUDGET

Total cost to perform the work outlined under this scope of work is \$7,500 billed on a lump sum basis.

3. DELIVERABLES

Deliverables include the Excel spreadsheet of monthly groundwater level, by layer, and the brief 1 page memorandum documenting major assumptions in the model runs. Both are described in the Scope of Services.

4. SCHEDULE

The work described in this SOW shall be completed within 5 weeks from Notice-To-Proceed.