

SEASIDE BASIN WATERMASTER
REQUEST FOR SERVICE

DATE: May 1, 2013

RFS NO. 2013-03

(To be filled in by WATERMASTER)

TO: Derrick Williams
HydroMetrics LLC
PROFESSIONAL

FROM: Robert Jaques
WATERMASTER

Services Needed and Purpose: Perform groundwater monitoring as described in Attachment 1.

Completion Date: All work of this RFS shall be completed not later than 60 days from the date of execution of this RFS No. 2013-03.

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

Total Price Authorized by this RFS: \$ 9,990.00 (Cost is authorized only when evidenced by signature below.) (See Attachment 1 for Estimated Costs).

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

Requested by: 
WATERMASTER Technical Program Manager

Date: 5/14/13.

Authorized by: 
WATERMASTER Chief Executive Officer

Date: 5/16/2013

Agreed to by: 
PROFESSIONAL

Date: 5/10/2013

ATTACHMENT 1



519 17th Street, Suite 500
Oakland, CA 94612

Mr. Robert S. Jaques, Technical Program Manager
Seaside Basin Watermaster
83 Via Encanto
Monterey, CA 93940

April 4, 2013

Subject: Scope and Cost Estimate to Model Coastal Injection

Dear Mr. Jaques:

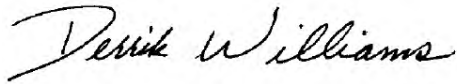
HydroMetrics Water Resources Inc. is pleased to submit this scope and cost estimate for using the Seaside groundwater model to determine if there is an advantage to locating injection wells along the coast as opposed to inland locations.

The number of wells required, their general locations, and the amounts to be injected will be determined by an iterative modeling process that will entail dozens of model runs. The measure of success will be if protective groundwater elevations are met in all six monitoring wells used for protective elevation monitoring.

The scope will also include time for two meetings, one to present the results to the Technical Advisory Committee by teleconference, and the other to present results to the Watermaster Board in person. A summary technical memorandum will be prepared to document the assumptions and results of the modeling effort.

The estimated cost for the work discussed is \$9,990, as shown on the attached table.

Sincerely,

A handwritten signature in black ink that reads "Derrick Williams". The signature is written in a cursive style with a large initial 'D'.

Derrick Williams, President
HydroMetrics Water Resources Inc.

**Cost Estimate for Seaside Groundwater Basin Watermaster
Coastal Injection Modeling**

Tasks	HydroMetrics WRI Labor					Other Direct Costs	TOTALS
	Derrick Williams	Georgina King	Stephen Hundt	Labor Total			
	President	Senior Hydrogeologist	Staff Hydrogeologist	Hours	(\$)		
Rates	\$190	\$160	\$115	Hours	(\$)	(\$)	(\$)
Task 1. Coastal Injection Well Modeling							
3B.1. Iterate Modeling to Determine How Much Water is Needed to Achieve Protective Elevations	3	4	34	41	\$ 5,120	\$ -	\$ 5,120
3B.2. Produce Tabular and Graphical Output on Protective Elevations	0	1	4	5	\$ 620	\$ -	\$ 620
Subtotal Task 1				46	\$ 5,740	\$ -	\$ 5,740
Task 2. Meetings							
Assume Two Meetings - One to Present Results to TAC (by teleconference) and, One to Present Results to Board	8	4	0	12	\$ 2,160	\$ 100	\$ 2,260
Subtotal Task 2				12	\$ 2,160	\$ 100	\$ 2,260
Task 3. Reporting							
Prepare Technical Memorandum describing Assumptions and Results	2	4	8	14	\$ 1,940	\$ 50	\$ 1,990
Subtotal Task 3				14	\$ 1,940	\$ 50	\$ 1,990
TOTAL				72	\$ 9,840	\$ 150	\$ 9,990

Notes

Other Direct Costs includes mileage, postage, office supplies

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