

SEASIDE BASIN WATERMASTER  
REQUEST FOR SERVICE

DATE: February 2, 2011

RFS NO. 2011-03

(To be filled in by WATERMASTER)

TO: Joe Oliver  
MPWMD

FROM: Robert Jaques  
Watermaster

**Services Needed and Purpose:**

To provide assistance to Central Coast Surveyors while they obtain survey information for reference points at water wells located within and near the area overlying the Seaside Groundwater Basin. A detailed Scope of Work is attached as Attachment 1.

**Completion Date:** Work to be completed within 60 days from the date of execution of this RFS No. 2011-03.

**Method of Compensation:** Time and Expense Payment Method (As defined in Section V of Agreement. See Attachment 2 for a description of these costs.)

**Total Price** Authorized by this RFS: \$5,000.00 (Cost is authorized only when evidenced by signature below.)

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

Requested by:  Date: 2/9/11  
WATERMASTER Technical Program Manager

Authorized by:  Date: 2/9/11  
WATERMASTER Chief Executive Officer

Agreed to by:  Date: 2/8/2011  
PROFESSIONAL

# **ATTACHMENT 1**

## **Scope of Work for RFS No. 2011-03**

### **Background:**

The WATERMASTER is issuing a contract to Central Coast Surveyors to resurvey the reference points of each of the 108 wells listed in Attachment A, most of which they previously surveyed in 2008. The purpose of this work is to determine whether or not any ground level changes have occurred at these locations since the 2008 survey was performed.

As part of its contract with Central Coast Surveyors, the WATERMASTER has committed to providing personnel to accompany Central Coast Surveyors' personnel performing the field work to take them to each of the well locations where well reference point elevations and location coordinates need to be developed, and to provide access to each of those sites.

The field work to be performed by Central Coast Surveyors will proceed as follows:

Upon receipt of a Notice to Proceed Central Coast Surveyors will determine the method to be used to locate each reference point. They will use a two person field crew to establish a coordinate system, using a GPS rover, to tie into USGS coordinates. They will then begin recording each reference point's position and elevation. For reference points where GPS signal is unavailable they will leave control points. These control points will be used to utilize their terrestrial total station to advance control if necessary, and ultimately record positions for each remaining reference point that is not accessible by a GPS rover. It is estimated that the field work will take 3.5 – 4 days.

### **Work to be Performed by the PROFESSIONAL Under this RFS No. 2011-03:**

Under this RFS No. 2011-03 the PROFESSIONAL will:

1. Contact Central Coast Surveyors to coordinate the scheduling of the surveying work.
2. Contact each of the well owners to obtain access to the well sites where the reference points are to be surveyed, and to determine what reference point is being used by the well owner to measure water levels.
3. Accompany Central Coast Surveyors personnel to each well site to show them the reference point locations, and provide such other assistance as is appropriate to aid Central Coast Surveyors in performing the survey work.
4. Review draft subsidence evaluation to be prepared by the WATERMASTER and provide comments and edits to assist in finalizing the document.

**Attachment A**

**Tabulation  
of  
Wells for Which  
Surveying Data is to be Developed**

WELL NAME	OWNER	LOCATION
CAW - Plumas #4	California American Water Co.	Plumas Ln., Seaside
CAW - Darwin	California American Water Co.	West side of Darwin Ave. midway between Pine St and Manzanita St., Seaside
CAW - Military	California American Water Co.	Military Avenue, Seaside
CAW - Ord Grove #2	California American Water Co.	Off Ord Grove Ave. near cemetery, Seaside
CAW - New Luzern	California American Water Co.	Luzern Street, Seaside
CAW - Playa #3	California American Water Co.	40 feet East of East Front Street 255 feet North of Playa Street, Seaside
CAW - Playa #4	California American Water Co.	Playa (North side of alley), Seaside
CAW - Paralta	California American Water Co.	North end of Paralta Ave., Seaside
Reservoir Well	City of Seaside	Bayonet/Blackhorse Golf Course, Seaside
Coe Avenue Well	City of Seaside	Along Coe Ave. 240 ft. westerly from Ord Ave., then 115 ft. south, Seaside
Public Works Corp. Yard	City of Sand City	1 Sylan Park, Sand City
Cypress Pacific	Monterey Peninsula Engineering	Tioga Ave. & Hwy 1, Seaside (???)
Robinette -Design Ctr.	City of Sand City	Hickory & Shasta St., Sand City
Target	Dayton Hudson Corp. (?)	Sidewalk by Target store
PRTIW -operated by MMP	Mission Memorial Park	Northeast corner of Mission Memorial Park Cemetary
SNG	Security National Guaranty, Inc.	Pratto Plant, Hwy 1 across from Fort Ord Village, Sand City OR Hwy 1 at California St. in Sand City (???)
City #4	Seaside Municipal Water System	1760 Juarez St., Seaside
City #3	Seaside Municipal Water System	Next to Fort Ord fence Juarez & San Pablo St., Seaside
well lot Bishop #1 (west)	CAW - Bishop Unit	In Pasadera subdivision
Bay Ridge	CAW - Hidden Hills Unit	
Bishop #2 (2010)	CAW - Hidden Hills Unit	Location to be provided by J. Oliver. Replaced "Bishop #2 (east) in 2010.
RR#7	CAW - Ryan Ranch #7	Approximately 1 mile East on Highway 68 from Canyon Del Rey; 300 feet North off road, Monterey
RR#8	CAW - Ryan Ranch #8	Ryan Ranch #8 - Highway 68, Monterey
RR#11	CAW - Ryan Ranch #11	In Ryan Ranch
Pasadera Main Gate	Pasadera - New Cities Development	160 Pasadera Lane
Pasadera Paddock	Pasadera - New Cities Development	200' North of Salinas-Monterey Highway and 1 mile west of intersection of Los Laureles Highway, & S & Mont. Hys.
L.S. old #12	Laguna Seca Golf Resort	Near No. 12 hole on golf course. Was listed as "(new #12)", but each had duplicate records
SPCA Old	SPCA	
SPCA 2010	SPCA	
LS Cnty Park #1 (former #3)	Monterey Cnty Parks District	Off of Highway 68
LS Cnty Park #2 (former #4)	Monterey Cnty Parks District	Off of Highway 68
MSC-Shallow	MPWMD	HWY 1, SAND CITY
MSC-Deep	MPWMD	HWY 1, SAND CITY
PCA-W Shallow	MPWMD	HWY 1, SAND CITY
PCA-W Deep	MPWMD	HWY 1, SAND CITY
PCA-E Shallow	MPWMD	HWY 1, SAND CITY
PCA-E Deep	MPWMD	HWY 1, SAND CITY
Ord Grove Test-Shallow/Deep	MPWMD	1987 PARK CT, SEASIDE
Ord Grove #2	CAW	
Paralta Test-Shallow/Deep	MPWMD	2104 PARALTA AVE., MONTEREY(???)
Paralta	CAW	
Ord Terrace-Shallow	MPWMD	1700 block of Ord Grove Ave. near T intersect w/ Baldwin Ct., Seaside
Ord Terrace-Deep	MPWMD	
FO-09-Shallow	MPWMD	N2127579.26693; E???
FO-09-Deep	MPWMD	
FO-10-Shallow	MPWMD	N2130543.48114; E???

WELL NAME	OWNER	LOCATION
FO-10-Deep	MPWMD	
MW-B-22-180	U. S. Army	was listed as "Fort Ord Monitor - Dune/Aromas", located on 1st Street near Giggling.
CDM MW-1-Dune/Aromas	MPWMD	
CDM MW-2-Dune/Aromas	MPWMD	
CAW Del Monte Test-Shallow	CAW	N2120139.85; E??? Was listed as "Del Monte Observation"
SBWM MW-1-Deep (Purisima)	Watermaster	
SBWM MW-2-Deep (Purisima)	Watermaster	
SBWM MW-3-Deep (Purisima)	Watermaster	
SBWM MW-4-Deep (Purisima/Santa Margarita)	Watermaster	
SBWM MW-5-Deep (Santa Margarita)	Watermaster	Camp Huffman adjacent to BLM Offices on former Fort Ord
SBWM MW-5-Shallow (Paso Robles)	Watermaster	Camp Huffman adjacent to BLM Offices on former Fort Ord, added the shallower well here
FO-01-Shallow	MPWMD	N2115446.81099; E???
FO-01-Deep	MPWMD	
FO-07-Shallow	MPWMD	N2122688.6982; E???
FO-07-Deep	MPWMD	
FO-08-Shallow	MPWMD	N2126741.393; E???
FO-08-Deep	MPWMD	
FO-11-Shallow	MPWMD	N2130660.90472; E???
FO-11-Deep	MPWMD	N2130660.90472, E???
Plumas '90 Test-Deep	MPWMD	1453 PLUMAS AVE., SEASIDE
K-Mart-Dune/Aromas	Home Depot	CANYON DEL REY BLVD, SEASIDE
CDM MW-3-Dune/Aromas	MPWMD	
CDM MW-4-Dune/Aromas	MPWMD	
MW-BW-08A-Dune/Aromas	U.S. Army	
MW-BW-09-180-Shallow	U.S. Army	
FO-03-Deep	MPWMD	
FO-04-Shallow (E)	MPWMD	N2111834.4504; E???
FO-04-Deep (W)	MPWMD	
FO-05-Shallow	MPWMD	N2103180.54186; E???
FO-05-Deep	MPWMD	
FO-06-Shallow	MPWMD	N2102695.44063; E???
FO-06-Deep	MPWMD	
Justin Court (RR M2S)-Shallow	CAW	JUSTIN COURT, MONTEREY
LS Pistol Range (Mo Co TH-1)-Deep	Monterey County	1021 MONTEREY-SALINAS HWY, SALINAS
York Rd-West (Mo Co MW-1 D)-Deep	Monterey County	N2105316.47467; E???
Seca Place (Mo Co MW-2)-Deep	Monterey County	13 SECA PL., SALINAS
Robley Shallow (North) (Mo Co MW-3S)-Shallow	Monterey County	12660 CORTE CORDILLERA, SALINAS
Robley Deep (South) (Mo Co MW-3D)-Deep	Monterey County	12660 CORTE CORDILLERA, SALINAS
LS No. 1 Subdivision-Deep	Laguna Seca Resort	N2102479.95484; E???
Blue Larkspur-East End-Believed to be Deep	Laguna Seca Resort	N2102676.75507; E???
York School-Shallow	York School	Fort Ord - York School south bound, Monterey
Laguna Seca Driving Range (SCS-Deep)-Shallow	Monterey County	
CAW Granite Construction-Deep	CAW	
ASR-1 (Santa Margarita)	MPWMD	1910 General Jim Moore Blvd., Seaside
ASR-2 (Santa Margarita)	MPWMD	1910 General Jim Moore Blvd., Seaside
ASR MW-1 (Santa Margarita)	MPWMD	1910 General Jim Moore Blvd., Seaside
MW-B-23-180 (Santa Margarita)	U.S. Army	Giggling Siding
ASR-3 (Santa Margarita)	MPWMD	new well 2010, located by Seaside Middle School
Seaside Middle School 4" - (Santa Margarita)	MPWMD	new well 2010, located by Seaside Middle School
Seaside Middle School 2" - (Paso Robles)	MPWMD	new well 2010, located by Seaside Middle School

## ATTACHMENT 2

### **COST DESCRIPTION**

The costs for the work of this RFS No. 2011-03 will be performed on a Time-and-Material basis. Hourly rates for these services will be charged at the individual hourly rates for the personnel involved in performing this work. These rates will be in the range of \$65 to \$100 per hour. To develop the Total Price of this RFS No. 2011-03, an assumed hourly rate of \$85 was used.

Assuming that there could be as many as five field days of work involved, and that the PROFESSIONAL will likely need about two days in advance to set up access arrangements with the well owners, the PROFESSIONAL's costs could be on the order of 7 days x 8 hours/day x \$85/hour = \$4,760. To allow for some variation in the hourly rates of the PROFESSIONAL's personnel involved in this work, and to provide an allowance for mileage and other direct costs, the Total Price of this RFS No. 2011-03 is established as \$5,000.00

Mileage will be charged at the IRS allowable rate. Any other direct costs will be charged at cost.