

SEASIDE BASIN WATERMASTER  
REQUEST FOR SERVICE

DATE: June 11, 2009

RFS NO. 2009-04  
(To be filled in by WATERMASTER)

TO: Joe Oliver  
Monterey Peninsula Water Management District  
PROFESSIONAL

FROM: Robert Jaques  
WATERMASTER

**Services Needed and Purpose:**

Make improvements to the Watermaster's database in accordance with the Scope of Work contained in Attachment 1.

**Completion Date:** The work of this RFS No. 2009-04 shall be completed within 90 days from the date of execution of this RFS No. 2009-04.

**Method of Compensation:** Time and Expense Payment Method (As defined in Section V of Agreement.)

**Total Price** Authorized by this RFS: \$5,000.00 (Cost is initially limited to \$4,299.57, unless additional work is authorized by WATERMASTER. See Attachment 1 for details regarding this Total Price. 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: 6/22/09  
WATERMASTER Technical Program Manager

Authorized by:  Date: 6/23/2009  
WATERMASTER Chief Executive Officer

Agreed to by:  Date: 6/17/2009  
PROFESSIONAL

# **ATTACHMENT 1**

## **Scope of Work for RFS No. 2009-04**

### **Background:**

The WATERMASTER has a database into which water production, water level, and water quality data is entered and stored. This database is currently being made web-accessible through PROFESSIONAL's local hosting site at PROFESSIONAL's offices and maintained by PROFESSIONAL.

This RFS No. 2009-04 authorizes PROFESSIONAL to make certain improvements to the database as more fully described below.

### **Scope of Work:**

The detailed scope of work to be performed under this RFS is described in the attached "Well Database System Revising User Access Levels Statement of Work" proposal from Zone 24X7.

### **Cost:**

Since there may be other improvements beyond those described in the Zone 24X7 proposal which the WATERMASTER may wish to have made in conjunction with making those improvements described in this proposal, the amount of this RFS No. 2009-04 is set at \$5,000.00, so that such other improvements can be undertaken, if desired by the WATERMASTER, without having to issue another RFS.

However, PROFESSIONAL's costs for the work to be performed under this RFS No. 2009-04 are limited solely to the \$4,299.57 set forth in the attached Zone 24X7 proposal, unless and until the WATERMASTER provides written authorization to PROFESSIONAL to perform additional database improvement work beyond that described in the Zone 24X7 proposal.

Zone 24X7 will act as a subcontractor to PROFESSIONAL in performing the work, and will perform the work of this RFS under the direction and management of PROFESSIONAL.



MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

**Well Database System - Revising User Access  
Levels**  
Statement of Work (SOW)



**Version 1.0**

Zone24x7 Inc., 1310 Rimrock Drive, San Jose, CA95120, USA



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## Executive Summary

This work statement is raised by Zone24x7 Inc. in relation with applying the revised user access levels to Monterey Peninsula Water Management District (MPWMD) – Well Database System and would address the high-level project scope, financial aspects and other related features of the potential project.

Zone24x7 Inc. is a leading global provider of technology innovation services headquartered in San Jose, California with offices in the USA, Sri Lanka and Malaysia. Zone24x7 was recognized as a **Microsoft Certified Gold Partner** in Mobility Solutions, Custom Development Solutions and Data Management Solutions competencies due to our excellent technological solution delivery, commitment, expertise and superiority. Zone24x7 is also a **Windows Embedded Partner** with market awareness and technology advantage for Windows CE .NET and Windows XP Embedded solutions. Zone24x7 provides innovative technology solutions essential for business success with next generation technology.

Zone24x7 Inc. had been providing scalable backend solutions using J2EE technologies to leading clients in the US since its inception.

Zone24x7 has been certified as a **CMMI Level 3** company by the US based Software Engineering Institute, part of Carnegie Mellon University, for its process maturity, successful project execution and delivery excellence.

Zone24x7 thrives to provide the utmost value to its clients by combining talented associates, proven world class methodologies and efficient use of technologies. To ensure seamless communication with its clients we use leading edge collaboration technologies across all our projects



# 1 Overview

THIS STATEMENT OF WORK ("SOW") dated 1<sup>st</sup> June 2009, sets forth a scope and definition of the consulting services, work and/or project (collectively, the "Services") to be provided by Zone24x7, Inc. ("Zone24x7") to Monterey Peninsula Water Management District ("Client").

The provisions which are addressed by this SOW would discuss the financial aspects, high-level requirements, tentative effort estimations, and essential pre requisites of the project.

## 1.1 Exposure to the Client

Zone24x7 will allocate required resources to work on this project under the purview of a Project Manager who would be responsible for directing the project under the consent of the client. Zone24x7 would invoice the client for the total estimated sum of USD **\$4,299.57** according to the payment schedule specified in section 1.2 ([table 1.2.2](#))

## 1.2 Cost Summary and Payment Schedule

Project Phase	Estimated Hours	Total SOW Cost (USD)
Existing Code Study	40.0	\$1,160.00
Implementation	98.8	\$2,273.32
QA Testing	57.8	\$866.25
<b>Total Development Cost</b>		<b>\$4,299.57</b>

Table 1.2.1 –Cost Summary

Payment #	Amount [USD]	Payment Term
Initial Payment	\$1,299.57	Upon acceptance of the SOW
Second Payment	\$1,500.00	Upon completion of the Phase 2
Final Payment	\$1,500.00	Upon system acceptance

Table 1.2.2 – Payment Schedule and Terms



## 2 Project Scope

This project covers changing the existing access levels for Seaside WaterMaster Database System and following access levels will be implemented, tested and deployed;

User Access Level	Password Required?	Persons Assigned to this User Access Level	General Description of User Capabilities
4	Yes	Database Administrators: Joe Oliver & Bob Jaques	<ul style="list-style-type: none"> <li>▪ View and edit all data and documents in the Database</li> <li>▪ Assign and change passwords and User Levels</li> <li>▪ Prepare and download reports</li> </ul>
3	Yes	Regular Users and Data Entry Personnel: Laura Dadiw and certain MPWMD personnel	<ul style="list-style-type: none"> <li>▪ Enter and edit data to all of the data entry screens</li> <li>▪ View and be able to add, but not to delete or edit, things in the Documents screen</li> <li>▪ Prepare and download reports</li> </ul>
2	Yes	TAC Members and Consultants Working for the Watermaster: All members of the TAC, and consultants such as HydroMetrics and Martin Feeny	<ul style="list-style-type: none"> <li>▪ View only, but not be able to edit, all screens and documents contained in the Database</li> <li>▪ Prepare and download reports</li> </ul>
1	No	General Public: Anyone who wishes to get information on issues pertaining to the Database	<ul style="list-style-type: none"> <li>▪ View only, but not be able to edit, selected screens contained in the Database</li> <li>▪ Prepare and download reports</li> </ul>

Table 2.1 – Revised User Access Levels



MPWMD / WaterMaster -Well Database System – Revising Access Levels

User Access Level	Tab & Screen List Showing Proposed Capabilities at Each Access Levels										
	Contacts	Well Database						Reports			
		Well List	Gen'l Info.	Second'y Info.	Water Quality	Depth	Production	Docs	Water Quality	Depth	Production
4	E	E	E	E	E	E	E	E	Report	Report	Report
3	E	E	E	E	E	E	E	View and Add	Report	Report	Report
2	View	View	View	View	View	View	View	View	Report	Report	Report
1	View	View	None	None	None	None	None	None	Report	Report	Report

**Table 2.2 – Revised User Capabilities**

Descriptions of abbreviations used in the Table 2.2	
Edit [E]	Can view, add, change, or delete data in this screen
View	Can view all data in this screen, but cannot add, change, or edit the data
View and Edit	Can view all documents in this screen, and can add documents to this screen, but cannot delete or edit the documents already in this screen
None	Access is not authorized to this screen
Report	Can prepare customized reports and download them

This implementation will be carried out based on the existing codebase, however this could be remodeled with configurable role based security model at a future phase if required.

## 2.1 Work Breakdown Structure

Phase	Task	Deliverables	Timeline
Phase 1	Study existing code base and identify areas of change	<ul style="list-style-type: none"> <li>Change Log</li> </ul>	1 Week
Phase 2	Implementation of revised user access levels	<ul style="list-style-type: none"> <li>Updated Code</li> </ul>	3 Weeks
Phase 3	QA / Testing	<ul style="list-style-type: none"> <li>Refined Code</li> </ul>	1 Weeks
Phase 4	Deployment of the updated web application to client server		2 Days

**Table 2.2.1 – WBS MPWMD / WaterMaster -Well Database System – Revising Access Levels**





## 2.1 Prerequisites

Zone24x7 team will require the following key dependencies from the client to kick off the project

- Availability of all the relevant documents and source code modules related to the application to be changed
- Setting up all the required servers and software (SQL and IIS server)
- Availability of a project responsible from the client for weekly project calls and meetings to clarify the requirements and to ensure the project direction

## 2.2 Assumptions

- Any deviation from the above specification would be upon mutual agreement between MPWMD and Zone24x7