# MPWMD - Additional Modules Statement of Work (SOW) 

Version 1.1

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## 1 Executive Summary

The Water Demand Division (WDD) of the Monterey Peninsula Water Management District (MPWMD) requires implementing three new modules to facilitate the handling of all receivable accounts, citation management and employee time tracking.

This statement of work is raised by Zone $24 \times 7$ Inc. in relation with the above stated requirements for the three new modules and would address the high-level project scope, financial aspects and other related area of this potential project.

### 1.1 Overview

THIS STATEMENT OF WORK ("SOW") dated $22^{\text {nd }}$ September 2008, 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.

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

### 1.2 Total Exposure to the Client

| Activity | Total Cost (USD) |
| :--- | ---: |
| Design, Development \& Implementation of the <br> additional modules for the MPWMD WDD-DBS system <br> as per the details provided in the Project Scope <br> Section of this Document |  |
| Training Cost (for 4 Weeks) | $\$ 29,601.32$ |
| Total Cost | $\$ 15,170.00$ |

Zone $24 \times 7$ will invoice the client according to the payment schedule defined in section 1.4 (which will be part of the main project schedule defined for the main MPWMD WDD-DBS proposal).

### 1.3 Training and Related Costs

Zone $24 \times 7$ would provide the required system and user training for the entire system (including the main modules which were identified at the main project proposal of the WDDDS). This would initially require identifying the training structure and the level of current user knowledge in order for the training schedule to be prepared. This statement, as specified in the table 1.4.1 outlines the training and other related costs only for a period of 4 weeks.

### 1.4 Payment Schedule

Zone24x7 Inc. would invoice the client according to the following payment terms / schedule:

| Milestone | Amount [USD] |
| :--- | ---: |
| Baseline BRS / SRS / RFC | $\$ 3,700.17$ |
| A/R Module - UI Design - Client Signoff | $\$ 3,700.17$ |
| A/R Module - QA Client Signoff | $\$ 3,700.17$ |
| Tracking Module - UI Design - Client Signoff | $\$ 3,700.17$ |
| Tracking Module - QA Client Signoff | $\$ 3,700.16$ |
| Enforcement Module - UI Design - Client Signoff | $\$ 3,700.16$ |
| Enforcement Module - QA Client Signoff | $\$ 3,700.16$ |
| User Guide - Client Signoff | $\$ 3,700.16$ |
| Training Cost (4 Weeks) | $\$ 15,170.00$ |
| Total Project Value | $\$ 44,771.32$ |

Table 1.4.1-Payment Schedule

## 2 Project Scope

The high-level scope of the three proposed modules is described in this section.
Invoicing Module: Handles all the receivable account for all the departments. It keeps track of the accounts which are required to synchronize with the MPWMD accounting package. Other modules are integrated with this to generate invoices and receipts when required. This module does not include/cover any payments done by the MPWMD (Ex. Rebates etc).

Following is the summary of functions that will be covered under $A / R$ module;
1 Separate module as A/R
2 If there is no account present when generating an invoice for WDD processes (Permit, Conservation) for the owner, need to direct $A / R$ module with the relevant data (demographic data) to create account for the owner

3 When payment is done, need to credit individual accounts, chart of accounts and debit cash. A receipt is generated for the payment.

4 Allow to search for charges and account information for a given process by giving search options as in property search. Need to have wizard steps to create an account and show account information. Display and allow adding, editing charges with the amount and to generate invoice. As second step issue receipt when payments are done

5 All the invoicing and receipt generation from WDD process direct to the A/R section. Otherwise display all the information at the fee section in the process (Permit, Conservation)

6 Generate account transfer file for the current date creating a physical folder with the generated date and time. Allow to select date range to get the account info. Indicate the last generated date in a label so the user knows last generated date. By default the starting date should be the last generated date. Before generating check whether the cash and ledger are balanced, if not give a message

7 Allow to edit or void transaction for authorized users
8 Utilities -Maintaining Chart of Accounts, payment types
9 Report
a. Transaction within a given period.
b. Invoice statement

MPWMD - Additional Modules
c. Billing W/Date
d. $\quad A / R$
e. Cache Receipt journal
f. Ledger report

Time tracking: This module allows users to enter and track the time they spent on their daily work at office. Following are the summary of functionalities that will be covered under the module;

1 Separate module as Time Tracking to enter individual's start time, end time against category. Allow setting whether the CAW - reimbursable or not

2 When setting CAW - Reimbursements by individual, each individual account \& CAW Reimbursement AC will update accordingly

3 At the A/R module, allow to select the "CAW-Reimbursement" from drop down to generate CAW-Reimbursement invoice

4 After receiving CAW-Reimbursement and updating the payment information, individual AC and CAW-Reimbursement AC will get updated automatically.
Assumption - Assume the whole CAW-Reimbursement amount received should be equal to the invoiced amount

5 Under utility need to define the program category and individual rates, individual overtime and compensation time, total hours per day and OT

6 Reports
a. Individual time sheet for given period
b. CAW reimbursement amount for the given period

Enforcement: Administrative Enforcement module facilitates tracking and managing citations that can be issued if any of the enforcement rules are not followed and a fine could be levied. It covers violation of any enforcement in Water department and others. Following are the functionalities provided by the module;

1 Display the list of enforcements with Enforcement ID, APN, Violation, Fines, Status etc. once search

2 Display the recent enforcements with the information of date, type, fine and status ( Closed, Schedule for hearing , Open ) in property search

3 Trigger enforcement module with relevant permit or conservation information to proceed with enforcement process steps

4 Verify whether the previous enforcements are cleared before the conservation at conservation prerequisite section

5 Allow to add, edit, and delete enforcements
6 When adding, updating, give relevant wizard steps to proceed with the enforcement process flow
a. Summary information of the enforcement
b. Add property information
c. Enforcement
i. Violation Incidence
ii. Allow to select violation template
iii. Auto populates the fines. Allow to edit if required with remarks
iv. Give button to generate Invoice which navigates to $A / R$ module and allow generating invoice. Automatically update relevant accounts as given in invoicing module
v. Show payment information once payments are received

7 Add the decision to appealable list.
Assumption: Hearing process similar to appeal hearing and will be covered under appeal section

8 Track for the date of payment receipts
9 Flag the property with the status of the enforcement after hearing or correcting the violation

10 Allow to enter decisions and finding after hearing process
11 Enforcement Utilities
a. Type of violations and fines, penalties and interest for late payment, administrative penalties and administrative cost
b. Templates
c. Rules (Time period) for date within which the fines should be paid / days within which the vacillations should be corrected

12 Reports
a. Enforcement report for given period and status with the information like
i. APN , Owner , Enforcement status , Fine amount , Hearing decision

### 2.1 Prerequisites

Zone $24 \times 7$ will require the following key dependencies from the client to kick off the project

1. Availability of all the relevant documents
2. Accessibility to the production environment (for testing)
3. Availability of a project responsible (PR) from the client to baseline business and technical requirements (i.e. BRS, SRS, DDS, Architecture Specification etc.)
4. 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

1. Development and functionality would be based on the functional requirements stated in the SRS documents
2. Any deviation from the above specification would be upon mutual agreement between MPWMD and Zone24x7
3. All hardware and hosting infrastructure would be provided by the client
4. All software and database licences required would be provided by the client

## MPWMD - Additional Modules

## 3 Benefiting from Zone $24 \times 7$

- Zone $24 \times 7$ has its offices in the US and in Sri Lanka which allows us to operate 24 hours a day and 7 days a week.
- A Program Manager is based in the USA. This model helps in providing effective communication between the teams and reduces the number of on-site engineers.
- Expertise in implementing hand held device applications to fortune 500 companies in the USA
- Expertise in designing mobile device hardware, porting firmware and drivers on Windows CE / Linux platforms
- Expertise in implementing firmware solutions.
- Zone $24 \times 7$ strongly focus on technical systems and procedures and are following global best practices in software development, quality assurance and release procedure.
- We are in the process of obtaining SEI CMMI certification. Initial study and analysis shows that we are already at Level 3 compliance.


## Monterey Peninsula Water Management District

By: $\qquad$

Name: $\qquad$

Its: $\qquad$

Date: $\qquad$
$\qquad$

Its: $\qquad$
Name: $\qquad$
By: $\qquad$

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| ID | 1 | Line Item \# | Task Name | Duration | Start | Finish |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 85 |  |  | Enforcement Module | 12 days | 11/17/08 | 12/2/08 |
| 86 |  |  | Ul Design | 2 days | 11/17/08 | 11/18/08 |
| 87 |  |  | Ul design complete | 0 days | 11/18/08 | 11/18/08 |
| 88 |  |  | Web service | 3 days | 11/19/08 | 11/21/08 |
| 89 |  |  | UI Functionality | 2 days | 11/24/08 | 11/25/08 |
| 90 |  |  | Backend | 5 days | 11/26/08 | 12/2/08 |
| 91 |  |  | Enforcement Utilities | 5 days | 11/10/08 | 11/14/08 |
| 92 |  |  | Ul Design | 1 day | 11/10/08 | 11/10/08 |
| 93 |  |  | Ul design complete | 0 days | 11/10/08 | 11/10/08 |
| 94 |  |  | Web service | 1 day | 11/11/08 | 11/11/08 |
| 95 |  |  | UI Functionality | 1 day | 11/12/08 | 11/12/08 |
| 96 |  |  | Backend | 2 days | 11/13/08 | 11/14/08 |
| 97 |  |  | View/Print Enforcement Reports | 6 days | 12/3/08 | 12/10/08 |
| 98 |  |  | Ul Design | 2 days | 12/3/08 | 12/4/08 |
| 99 |  |  | Ul design complete | 0 days | 12/4/08 | 12/4/08 |
| 100 |  |  | Backend | 3 days | 12/5/08 | 12/9/08 |
| 101 |  |  | UI Functionality | 1 day | 12/10/08 | 12/10/08 |
| 102 |  |  | Code/Architectural Review | 2 days | 12/11/08 | 12/12/08 |
| 103 |  |  | Unit Testing | 2 days | 12/15/08 | 12/16/08 |
| 104 |  |  | Incorporate unit test feedback | 2 days | 12/17/08 | 12/18/08 |
| 105 |  |  | Enforcement Module - UI-get client feedback | 5 days | 12/5/08 | 12/11/08 |
| 106 |  |  | Enforcement Module - UI- - incorporate client feedback | 1 day | 12/12/08 | 12/12/08 |
| 107 |  |  | Enforcement Module - UI design - client sign off | 0 days | 12/12/08 | 12/12/08 |
| 108 |  |  | Enforcement Module - QA - get client feedback | 2 days | 12/19/08 | 12/22/08 |
| 109 |  |  | Enforcement Module - QA - incorporate client feedback | 1 day | 12/23/08 | 12/23/08 |
| 110 |  |  | Enforcement Module - QA client sign off | 0 days | 12/23/08 | 12/23/08 |
| 111 |  |  | Documentation | 53 days | 10/13/08 | 12/24/08 |
| 112 |  |  | Create release note | 1 day | 12/24/08 | 12/24/08 |
| 113 |  |  | Create / update deployment instruction document | 1 day | 10/13/08 | 10/13/08 |
| 114 |  |  | Create / update user guides | 7 days | 10/14/08 | 10/22/08 |
| 115 |  |  | Review Userguide | 1 day | 10/13/08 | 10/13/08 |
| 116 |  |  | Incorporate Review feedback | 0.5 days | 10/13/08 | 10/13/08 |
| 117 |  | . | Get cleint feedback | 5 days | 10/13/08 | 10/17/08 |
| 118 |  |  | Incoorporate client feedback | 0.5 days | 10/13/08 | 10/13/08 |
| 119 |  |  | User guide - client sign off | 5 days | 10/13/08 | 10/17/08 |

