

## STAFF REPORT

DATE: September 13, 2010

TO: Water/Sewer Commission

FROM: Cari Dale, Water Utilities Director

SUBJECT: **RECOMMEND APPROVAL OF A PROFESSIONAL SERVICES AGREEMENT WITH INFRASTRUCTURE ENGINEERING CORPORATION OF OCEANSIDE FOR THE PREPARATIONS OF THE 511 PUMP STATION SITING STUDY FOR THE MISSION BASIN DESALTING FACILITY EXPANSION PROJECT**

### **SYNOPSIS**

Staff recommends that the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve a professional services agreement in an amount not to exceed \$87,952 with Infrastructure Engineering Corporation of Oceanside for the preparations of the 511 Pump Station Siting Study for the Mission Basin Desalting Facility Expansion project; and authorize the City Manager to execute the agreement (Exhibit A).

### **BACKGROUND**

In order to maintain distribution flows from the 320 pressure zone to the 511 pressure zone and insure potable water quality for current and future demands, the City of Oceanside needs to increase its water flow from the 320 zone to the 511 zone with a new 4.5 million gallon per day (MGD) water pump station. There are two sites that are being considered for the pump station: Mission Basin Desalting Facility at 215 Fireside Drive and Wire Mountain Reservoir at 702 Airport Road.

### **ANALYSIS**

On June 18, 2010, a Request for Proposal (RFP) was sent to ten consultant engineering firms, including the five Oceanside firms, to prepare the 511 Pump Station Siting Study (Exhibit B).

On July 28, 2010, the Water Utilities Department received proposals from six consulting firms. Staff reviewed and evaluated the proposals and unanimously chose Infrastructure Engineering Corporation as the best qualified firm to provide the Siting Study (Exhibit C).

## **FISCAL IMPACT**

The Mission Basin Desalting Facility Expansion project (908742500715) has a current available balance of \$2,629,922 in FY 2010-2011 in carry forward funds. Therefore, budgeted funds are available.

## **COMMISSION OR COMMITTEE REPORT**

Does not apply.

## **CITY ATTORNEY'S ANALYSIS**

The referenced documents are being reviewed by the City Attorney.

## **INSURANCE REQUIREMENTS**

The City's standard insurance requirements will be met.

## **RECOMMENDATION**

Staff recommends that the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve a professional services agreement in an amount not to exceed \$87,952 with Infrastructure Engineering Corporation of Oceanside for the preparations of the 511 Pump Station Siting Study for the Mission Basin Desalting Facility Expansion project; and authorize the City Manager to execute the agreement (Exhibit A).

PREPARED BY:

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Greg Blakely  
Administration Manager

Exhibit A – PSA  
Exhibit B – RFP Mailing List  
Exhibit C – Consultant Rating Form

## STAFF REPORT

DATE: September 13, 2010

TO: Water/Sewer Committee

FROM: Cari Dale, Water Utilities Director

SUBJECT: **APPROVAL OF AMENDMENT 1 IN THE AMOUNT OF \$48,120 TO THE PROFESSIONAL SERVICES AGREEMENT WITH MADDAUS WATER MANAGEMENT FOR ADDITIONAL TECHNICAL ENGINEERING SERVICES TO PREPARE THE OCEANSIDE WATER CONSERVATION MASTER PLAN**

### **SYNOPSIS**

Staff recommends that the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve Amendment 1 in the amount of \$48,120 to the professional services agreement with Maddaus Water Management of Alamo, California, for additional technical engineering services to prepare the Oceanside Water Conservation Master Plan (Exhibit A), and authorize the City Manager to execute the amendment.

### **BACKGROUND**

The City Council approved the Integrated Water Utilities Master Plan (IWUMP) on July 9, 2008. The water supply analysis in the IWUMP included a section on water conservation that detailed Oceanside's current and proposed future water conservation measures. Since the City's water conservation program was analyzed in the IWUMP, severe drought and court-ordered pumping restrictions have caused California's water supply to drop to historic low levels. Water Utilities staff was directed to prepare a more comprehensive water conservation master plan in response to the existing drought that will probably cause mandatory water restrictions as early as 2009 and to ongoing limitations on future water supply.

On December 10, 2008, the City Council approved a professional services agreement with Maddaus Water Management to prepare the Oceanside Water Conservation Master Plan.

### **ANALYSIS**

The City has requested additional items to be included in the water conservation master plan that were not previously listed in the original scope of work. The scope of work for Amendment 1 includes adding Automatic Metering System, California Green building

requirements, and recycled water plans into the Decision Support System; preparation of materials and attend conservation workshop; and preparation of a Technical Memorandum Summarizing Methodology and Results-to-Date.

### **FISCAL IMPACT**

Amendment 1 will increase the existing purchase order in the amount of \$48,120 for a total project cost of \$173,120. The Miscellaneous Water Projects budget (908824000712) has an available balance of \$1,098,582. There are sufficient funds available for the project.

### **COMMISSION OR COMMITTEE REPORT**

Does not apply.

### **CITY ATTORNEY'S ANALYSIS**

The referenced documents are being reviewed by the City Attorney's.

### **RECOMMENDATION**

Staff recommends that the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve Amendment 1 in the amount of \$48,120 to the professional services agreement with Maddaus Water Management of Alamo, California, for additional technical engineering services to prepare the Oceanside Water Conservation Master Plan (Exhibit A), and authorize the City Manager to execute the amendment.

PREPARED BY:

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Greg Blakely  
Administration Manager

Exhibit A – Amendment 1