

# STAFF REPORT

DATE: October 10, 2006  
TO: Water/Sewer Committee  
FROM: Lonnie Thibodeaux, Interim Water Utilities Director  
SUBJECT: **RECOMMEND APPROVAL OF PLANS AND SPECIFICATIONS FOR THE WELL NO. 9 MECHANICAL IMPROVEMENTS (715-857425)**

## **SYNOPSIS**

Staff recommends that the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve the plans and specifications for the Well No. 9 Mechanical Improvements project, and authorize the City Engineer to call for bids.

## **BACKGROUND**

The Mission Basin Groundwater Purification Facility, located at 215 Fireside Drive (Exhibit A), was originally constructed and put into operation in 1994. The original facility produced 2.2 million gallons per day (mgd) of brackish groundwater by use of a reverse osmosis treatment process. A subsequent expansion project was to bring the capacity of the plant up to 6.37 mgd. This expansion project accepted by City Council in February, 2003, consisted of three additional production wells, nine monitoring wells, a high and low pump station an additional reverse osmosis train and other infrastructure related work. All work was satisfactory completed with the exception of the production wells, which when drilled did not produce sufficient quantities for production.

In October 1998, City Council authorized a joint participation agreement between the City of Oceanside, San Diego County Water Authority (SDCWA) and the Metropolitan Water District (MWD) for participation in the Groundwater Recovery Program (GRP). As part of the GRP study, SDCWA has drilled 11 exploratory wells to map the Basin for possible future use. As part of the drilling project, Oceanside had the SDCWA analysis up to five sites with an emphasis on three that can replace the poorly performing well sites 6, 7 & 8. Three of the sites are within a mile of the Mission basin groundwater Facility with one being on the plant site. The one at the plant site was drilled by the SDCWA and during the test pumping produced up to 2,220 gallons per minute. In order to utilize this new well the City contracted to have the well head facility designed.

## **ANALYSIS**

The City contracted with Infrastructure Engineering Corporation's to prepare Contract Documents for the Construction of Well Site No. 9. These Contract Documents include

preparation of plans and specifications for the project. This includes, grading, electrical/controls, piping, mechanical, structural, landscape and irrigation plans.

City forces in the Water Utilities Department completed the raw water pipeline and drain line for the project. Therefore, the only remaining underground work was minor grading and connection work. Now that this work is completed, the only facilities left to make the well head facility operational is the mechanical work. Therefore, the Mechanical Improvements Contract Documents can be performed by one Contractor specializing in mechanical piping/valving for well head facilities.

### **FISCAL IMPACT**

In Fiscal Year 2003-2004, \$4,310,418 was appropriated from the Mission Basin Groundwater Purification Facility Expansion Account for the design and construction of the project. An engineer's estimate to design and construct the project is \$3,500,000. The Bureau of Reclamation provided \$2,230,000 incremental payments to the City during the facilities expansion of which \$370,000 is available for the well design and construction. Because the production wells for the expansion did not produce as expected, the Bureau has agreed to extend the agreement for the design and construction of the replacement wells. The Engineer's estimate for the construction of Well No. 9 Mechanical Improvements is \$132,000. Therefore, adequate funds are available for the project.

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

Documents are being reviewed by the City Attorney.

### **COMMISSION OR COMMITTEE REPORT**

[TO BE INSERTED]

### **RECOMMENDATIONS**

Staff recommends that the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve the plans and specifications for the Well No. 9 Mechanical Improvements project, and authorize the City Engineer to call for bids.

PREPARED BY:

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Greg Blakely  
Administration Manager

Exhibit A - Site Map

## STAFF REPORT

DATE: October 10, 2006

TO: Water/Sewer Committee

FROM: Lonnie Thibodeaux, Interim Water Utilities Director

SUBJECT: **APPROVAL OF A PROFESSIONAL SERVICES AGREEMENT WITH INFRASTRUCTURE ENGINEERING CORPORATION IN AN AMOUNT NOT TO EXCEED \$124,800 FOR PROJECT MANAGEMENT SERVICES ON A TIME AND MATERIAL BASIS FOR A VARIETY OF PROJECTS FOR A PERIOD OF UP TO SIX MONTHS**

### **SYNOPSIS**

Staff recommends that the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve a professional services agreement with Infrastructure Engineering Corporation of Oceanside in an amount not to exceed \$124,800 for project management services on a time and material basis for a variety of projects for a period of up to six months; and authorization for the City Manager to execute the agreement.

### **BACKGROUND**

The Water Utilities Department has identified a number of critical projects that will be completed in the next two years. These capital improvement projects range from \$20,000 for small projects to more than \$25 million for filtration and wastewater plant modifications. The Water Utilities' capital improvement budget for FY 2006-07 is over \$50 million.

The Water Utilities Department has a budgeted position for a Project Manager, but has been unable to fill it in past recruitments due to competition from private industry. The City is currently recruiting for this position. It is estimated that it will take approximately six months to recruit and hire the new project manager. In the meantime a project manager is required on a short-term basis to provide adequate project management services for these projects.

### **ANALYSIS**

On August 22, 2006, a Request for Proposal (RFP) was sent to all of the Oceanside firms and five firms outside of the City that were listed on the Water and Wastewater Consultant List provided by the Engineering Division of the Public Works Department (Exhibit A). The RFP requested that qualified firms to provide management and oversight of projects from design through construction. The qualifications included background in the fields of water and wastewater operations, engineering and

construction. Requirements included experience in project management and oversight of the review process of the California Environmental Quality Act (CEQA) guidelines and requirements; and assisting the public with information regarding water and wastewater issues affecting the community. The selected firm is to provide assistance for field operational needs, administer all contracts associated with projects, prepare project budgets, requests for proposals, reports for committees, commissions and the City Council, make oral presentations and manage emergency situations.

On September 12, 2006, the Water Utilities Department received two proposals from consulting firms proposing to perform the requested services and two letters from firms indicating they would not propose. Staff evaluated the proposals and interviews were performed with the proposed individuals. Upon completion of the interviews, one individual was selected from Infrastructure Engineering Corporation to provide the project management services.

The consultant will be housed at the City Operations Center and is expected to work five days a week. The exact schedule will be arranged by the Water Utilities Department but will be flexible enough to respond to seasonal needs or to increased demands by customers and client departments. The consultant will be paid on a time and material basis for actual work performed. The \$124,800 figure is based on full-time employment over a six month period, which may not be expended if some of the capital improvement projects are delayed or if a qualified applicant is hired.

### **FISCAL IMPACT**

In fiscal year 2006-07, over \$50 million was appropriated for Water and Wastewater Capital Improvement Projects (CIP). The costs of the project management services will be paid out of the individual CIP accounts that utilize those services. Budgeted funds are available for the project management services.

### **INSURANCE REQUIREMENTS**

The City's standard insurance requirements will be met.

### **COMMISSION OR COMMITTEE REPORT**

[TO BE INSERTED]

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

The City Attorney is reviewing the professional services agreement as to form.

## **RECOMMENDATIONS**

Staff recommends that the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve a professional services agreement with Infrastructure Engineering Corporation of Oceanside in an amount not to exceed \$124,800 for project management services on a time and material basis for a variety of projects for a period of up to six months; and authorization for the City Manager to execute the agreement.

PREPARED BY:

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Greg Blakely  
Administration Manager

Exhibit A: Water and Wastewater Consultant List

G:\Administration\Council - Commission\Staff Reports\Staff Reports - 2006\Water-Sewer Committee\10-10-06 Project Manager.doc

## **Water/Sewer Committee 2007 Schedule**

The Water/Sewer Committee is scheduled to meet on the 2nd Tuesday of each month at 9:30 a.m. in the La Salina Room. For your convenience, the following are the scheduled dates:

January 9, 2007

February 13, 2007

March 13, 2007

April 10, 2007

May 8, 2007

June 12, 2007

July 10, 2007

August 14, 2007

September 11, 2007

October 9, 2007

November 13, 2007

December 11, 2007