



Meeting Date: 05/12/09

ACTION	TYPE OF ITEM
<input type="checkbox"/> Approved Recommendation	<input checked="" type="checkbox"/> Info/Consent
<input type="checkbox"/> Ord. No(s). _____	<input type="checkbox"/> Report
<input type="checkbox"/> Res. No(s). _____	<input type="checkbox"/> Public Hearing (Info/consent)
<input type="checkbox"/> Other _____	<input type="checkbox"/> Other

Prepared By: Lou Balderrama

Agenda Item No. I-9

Reviewed By: City Manager MMH

City Attorney AK

Finance HC

Public Works WJ

DATE: April 30, 2009

TO: City Council

FROM: Lou Balderrama, City Engineer LB

SUBJECT: Prequalification and Selection of Electrical Equipment and Instrumentation and Control Systems Integration (Project Specification No. PW07-21) for the Advanced Water Purification Facility Project Phase I, at Perkins Road north of Magellan Way

RECOMMENDATION

That City Council approve Project Specification No. PW07-21 for prequalification and selection of electrical equipment and instrumentation and control systems integration for the Advanced Water Purification Facility (AWPF) Project Phase I at Perkins Road north of Magellan Way (Project Specification PW07-21).

DISCUSSION

The AWPF Phase I Project, is a critical component of the City-approved GREAT Program, a holistic water resources project, which will increase the City's water supply, improve water supply reliability, increase water-use efficiency, maintain water quality, reduce dependence on imported water, and help local groundwater aquifers recover from chronic over pumping and seawater intrusion. The AWPF Phase I Project will treat secondary-treated effluent that is now being discharged to the Pacific Ocean to produce up to 6.25 million gallons per day of highly purified recycled water. The AWPF will utilize microfiltration/ultrafiltration, reverse osmosis, and advanced oxidation treatment to produce recycled water product that meets the stringent state requirements for groundwater injection and irrigation of edible crops. The City is designing the AWPF to be expandable to ultimately produce up to 25 millions gallons per day of recycled water.

The recycled water will be used for landscape irrigation, industrial processes, agricultural irrigation, and groundwater injection. The use of recycled water for landscape irrigation and industrial processes will directly offset the use of potable water for existing and new water customers. The use of recycled water for agricultural irrigation and groundwater injection will produce groundwater credits, which the City will use to pump groundwater from areas not subject to seawater intrusion.

The City has requested Federal and State grant funding for the GREAT Program. The City recently learned that President Obama signed Public Law 111-11 (Public Lands Omnibus Bill), which authorized the City's GREAT Program as a United States Department of Interior, Bureau of Reclamation, Title XVI project. As such, staff prepared and submitted our application for Title XVI appropriations under

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the President's 2009 American Recovery and Reinvestment Act (ARRA) to the lower Colorado Region, U.S. Bureau of Reclamation office last week. The Bureau of Reclamation intends to announce its awards in May. As part of the Federal grant funding requirements, applicants are required to demonstrate the ability to produce recycled water no later than September 30, 2011 and to expend a substantial portion of their award amount on/or before December 31, 2010.

In order to meet the U.S. Bureau of Reclamation Title XVI and ARRA grant funding requirements, the City is prequalifying electrical equipment and instrumentation and control systems integration prior to completion of the final design documents. The electrical and instrumentation equipment requires a long lead-time for manufacturing. This is the same procedure that was employed to procure late last year the Reverse Osmosis, Micro-filtration, and Ultraviolet Disinfection system equipment.

The prequalification and selection of the electrical equipment and instrumentation and control systems integration scope of work is limited to equipment selection and shop drawing review. Equipment fabrication will be included in the construction of the AWP Phase I. The prequalification will be a competitive process that allows the City to select the best equipment to integrate into the project.

FINANCIAL IMPACT

The estimated total cost for the electrical equipment and instrumentation and control systems integration is \$5,000,000, which will be included in the scope of work for the construction of the AWP Phase I Project, expected to commence in fall 2009.

Attachment #1 – Project Estimate

Note: The specifications for Project Specification PW07-21 are available for review at the Capital Improvement Projects Management Office located at the City Hall Building, 305 West Third Street – 2nd Floor of the East Wing after 8:00 a.m. on Friday.

**CITY OF OXNARD
CAPITAL IMPROVEMENT PROJECT ESTIMATE**

Project Title: Procurement and Prequal Electrical Equip Instrumentation and Control Systems Project Specification No: PW 07-21

Account No: _____ Project No. _____ Project Manager: Thien Ng

I. EXTERNAL SERVICES	Original Estimate Amount	Revised Estimate Amount	Actual Cost
A. Architectural/ Engineering (8201)	_____	_____	_____
1. Preliminary Feasibility	_____	_____	_____
2. Design or Construction	_____	_____	_____
3. Specification/Cost Estimate	_____	_____	_____
B. Planning/EIR Services (8206)	_____	_____	_____
C. Real Estate Services (8207)	_____	_____	_____
D. Construction Services (8208)	_____	_____	_____
1. Surveys	_____	_____	_____
2. Soils Analysis	_____	_____	_____
3. Inspection	_____	_____	_____
4. Testing	_____	_____	_____
5. Atlas Fees	_____	_____	_____
6. Plans and Records	_____	_____	_____
7. Misc. (postage, reproductions, etc.)	_____	_____	_____
<i>Total External Services</i>	_____	_____	_____
II. INTERNAL SERVICES			
A. Design Engineering (8451)	_____	_____	_____
B. Inspection (8451)	_____	_____	_____
C. Survey (8451)	_____	_____	_____
D. Contract Administration (8451)	_____	_____	_____
E. Contract Procurement (8451)*	4,000.00	4,000	4,000
<i>Total Internal Services</i>	4,000.00	\$ 4,000	\$ 4,000
III. CONSTRUCTION/ACQUISITION			
<small>Funding for items in this section must be in place before contract is awarded</small>			
A. Land, Easements and Rights-of-Way (8601)	_____	_____	_____
B. Buildings:			
8602-New	_____	_____	_____
8603-Major Repair	5,000,000.00	_____	_____
C. Improvements other than Buildings			
8604-New	_____	_____	_____
8605-Major Repair	_____	_____	_____
D. Machinery/Equipment (8606/8607)	_____	_____	_____
<i>Total Construction/Acquisition</i>	5,000,000.00	_____	_____
IV. OTHER PROJECT COSTS:			
A. Project Contingencies (8802)	_____	_____	_____
B. CIP Indirect Cost (2.25% of the total project Costs)	_____	_____	_____
<i>Total Other Costs</i>	_____	_____	_____
Project Total	5,004,000.00	\$ 4,000	\$ 4,000

Total Appropriation _____
Less: Encumbrances & Expenditures _____
Balance Available _____

***NOTICE**
Approval of this estimate authorizes the transfer of the amount shown in item II-E from the project listed above to Public Works Contract Procurement Account No. 101-3201-553-7337, when bid solicitation services begin.

Prepared by: Thien Ng
Date: April 30, 2009
Approved by: Lou Balderama
Date: 30-Apr-09