



Meeting Date: 12/13/2011

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
<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____

Prepared By: Anthony Emmert, Water Resources Manager Agenda Item No. **I-15**

Reviewed By: City Manager City Attorney SMF Finance Public Works

DATE: December 1, 2011

TO: City Council

FROM: Rob Roshanian, Interim Public Works Director
Public Works Department

SUBJECT: **Fourth Amendment to Agreement with Hopkins Groundwater Consultants, Inc. for Hydrogeologic Design, Technical Review, and Consulting Support Services (Agreement A-7115)**

RECOMMENDATION

That City Council:

1. Approve and authorize the Mayor to execute the Fourth Amendment to the Agreement with Hopkins Groundwater Consultants, Inc. ("Hopkins Groundwater") to extend the contract expiration date to December 31, 2012 and increase the amount by \$200,000 for a total of \$687,200 for the siting and design of Aquifer Storage & Recover (ASR) wells, assistance with wells permitting, and associated post-design services; preparation of specifications for the rehabilitation of Wells Numbers 22, 32 and 33 and associated post-design services, and technical support regarding ongoing groundwater regulatory requirements.
2. Approve a special budget appropriation to transfer funds in the amount of \$80,000 from the Recycled Water Distribution Project No. 116504 to the GREAT ASR Wells Project No. 116505.

DISCUSSION

The City currently has several projects under construction associated with the Groundwater Recovery Enhancement and Treatment (GREAT) Program. The ASR wells are a vital component to successful and practical operation of the recycled water system, as they will serve as below-ground storage for recycled water. This will allow the Advanced Water Purification Facility (AWPF) to operate at a steady pace despite the typical wide swings in demand for recycled water. The ASR wells will also help to stabilize hydraulic pressures in the recycled water distribution system. Although they will normally be used for injection of recycled water, the ASR wells can also be used to retrieve some of the stored recycled water, in order to meet peak demands on the recycled water distribution system or to serve as an alternative recycled water source during AWPF plant shutdowns. In 2011, Hopkins

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December 1, 2011
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Groundwater evaluated several potential recycled water ASR well sites. In mid-2011, the City suspended Hopkins Groundwater's work on the recycled water ASR wells, in order to complete evaluation of potential changes to the recycled water distribution system. The proposed scope of work includes completion of the ASR siting study, development of ASR wells designs, assistance with permitting, and post-design services.

During 2011, Wells Numbers 22, 32 and 33 failed and are in need of repair. Without them, Well No. 34 is the sole groundwater supply for the Desalter, severely limiting the City's ability to produce its own groundwater. Well Number 22 provides water to blend with the Desalter permeate water. The proposed scope of work includes preparation of specifications for the rehabilitation of these wells, development of a project budget, technical support during the bidding process, and technical support during the rehabilitation and repair work.

The scope also includes ongoing technical support to the City to resolve groundwater issues presented by state and local regulatory and management agencies (Fox Canyon Groundwater Management Agency, California Regional Water Quality Control Board, California Department of Health Services, etc.), as well as to provide immediate responses to diagnose well performance problems or unusual groundwater issues.

Following a competitive process, in November of 2008, the City and Hopkins Groundwater executed an agreement for one (1) year for hydrogeologic consultation, including well design, technical and regulatory assistance, and groundwater resources-related planning, with an option to extend up to three (3) additional one-year terms, for a total cost not to exceed \$400,000. Hopkins Groundwater has completed the third year of hydrogeologic design and consulting support services. A Third Amendment was executed to provide for technical support for the recycled water ASR wells development. Execution of the Fourth Amendment would enable the City to continue to advance the ASR component of the GREAT Program, in order to improve the reliability, efficiency and operational flexibility of the recycled water system, and to proceed with immediate repairs to Wells Numbers 22, 32 and 33.

FINANCIAL IMPACT

Funds are available in the Water Operating Fund Account No. 601-6001-842-8209 and Account No. 601-6010-842-8209 for tasks related to rehabilitation of Wells 22, 32, and 33 and for ongoing technical support.

The special budget appropriation will transfer funds in the amount of \$80,000 from the Recycled Water Distribution Project No. 116504 to the GREAT ASR Wells Project No. 116505 for tasks related to ASR Wells.

Attachment #1 - Fourth Amendment to Agreement A-7115
#2 - Special Budget Appropriation

FOURTH AMENDMENT TO AGREEMENT FOR PROFESSIONAL SERVICES

This Fourth Amendment ("Fourth Amendment") to the Agreement for Professional Services ("Agreement") is made and entered into in the County of Ventura, State of California, this 6th day of December, 2011, by and between the City of Oxnard, a municipal corporation ("City"), and Hopkins Groundwater Consultants, Inc. ("Consultant"). This Fourth Amendment amends the Agreement entered into on November 25, 2008, by City and Consultant. The Agreement previously has been amended on December 15, 2009, by a First Amendment, on December 14, 2010, by a Second Amendment, and on March 22, 2011 by a Third Amendment.

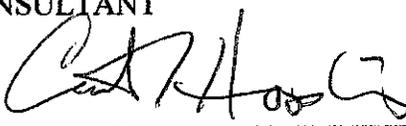
City and Consultant agree as follows:

1. Pursuant to section 11b of the Agreement, the parties hereby agree that the Agreement shall be extended an additional one-year period. Accordingly, the expiration date set forth in Section 11a of "December 31, 2011" is deleted and replaced with the date "December 31, 2012."
2. Exhibit A and A-2 of the Agreement is supplemented by Exhibit A-3, attached hereto and incorporated herein by reference.
3. Section 13 a. is supplemented with the following, "During the calendar year 2012, City agrees to pay Consultant an additional \$200,000 for services provided in the attached Exhibit A-3."
4. As so amended, the Agreement remains in full force and effect.

CITY OF OXNARD

CONSULTANT

Dr. Thomas E. Holden, Mayor

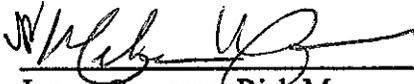


Curtis Hopkins, Principle Hydrogeologist
Hopkins Groundwater Consultants, Inc.

ATTEST:

APPROVED AS TO INSURANCE:

Daniel Martinez, City Clerk



James Cameron, Risk Manager

APPROVED AS TO CONTENT:

APPROVED AS TO FORM:



Rob Roshanian, Interim Public Works Director



Alan Holmberg, City Attorney

APPROVED AS TO AMOUNT:



Anthony Emmert, Water Resources Manager



Edmund F. Sotelo, City Manager

**EXHIBIT A-3
SCOPE OF WORK**

Ongoing Technical Support – \$ 60,000

Consultant shall continue to provide technical support to City staff to resolve groundwater issues presented by state and local regulatory agencies (Fox Canyon Groundwater Management Agency, United Water Conservation District, California Regional Water Quality Control Board, California Department of Health Services, Ventura County Watershed Protection District, etc.), as well as provide immediate responses to diagnose well performance problems or unusual groundwater issues. It is anticipated, that during the performance of the ongoing City projects additional unforeseen groundwater supply issues will arise in 2012.

Task No. 1 - Wells Numbers 22, 32 and 33 Rehabilitation Project – \$60,000

During 2011 Wells Numbers 22, 32 and 33 failed and are in immediate need of repair. Without them, Well No. 34 is the sole groundwater supply for the Desalter, severely limiting the City's ability to produce its own groundwater. Well Number 22 provides water to blend with the desalter permeate water. Consultant shall assist the City with evaluation of the wells, develop technical plans and specifications for the rehabilitation work, develop a project budget, and provide technical support during the bidding process. Subsequently, Consultant shall inspect the critical aspects of the well repair work and provide technical support during the repair process. The estimated cost for these services is \$20,000 per well, for a total cost of up to \$60,000.

Task No. 2 - GREAT Program Recycled Water Storage Using Aquifer Storage and Recovery (ASR) Wells – \$80,000

In early 2009, Consultant assisted the City with a preliminary feasibility study for using ASR wells to augment operation of the Groundwater Recovery Enhancement and Treatment (GREAT) Program. The study was included in the Recycled Water Master Plan. Subsequently, in early 2011, the Consultant initiated a study to expand the area of consideration for ASR Wells to accommodate recycled water distribution facilities being constructed in 2011, and those anticipated to be constructed in early 2012. In mid-2011, due to potential changes in recycled water system operations and pipeline alignments, the City suspended the work. As the operational and pipeline alignments issues have been resolved, Consultant shall resume work assisting the City to identify existing production wells that could be converted to ASR wells; provide design and post-design services for the construction of one or more new ASR wells; and assist with obtaining ASR wells permits from the California Department of Public Health and California Regional Water Quality Control Board. The anticipated level of effort will largely depend on the direction the City elects to pursue following the completion of the siting study. The estimated cost for this task is \$80,000.

CITY OF OXNARD

REQUEST FOR SPECIAL BUDGET APPROPRIATION

To the City Manager:

December 13, 2011

Request is hereby made for an appropriation of total \$ 80,000

Reason for appropriation: Transfer from the Recycle Water Distribution System
 to the GREAT ASR Wells Project for design, technical and
 support services by Hopkins Groundwater Consultants.

<u>FUND</u>	<u>DESCRIPTION/ACCOUNT</u>	<u>AMOUNT</u>
Water Bonds (609)	Recycle Water Distribution System Project No. 116504 609-6551 821-8610 Construction Other	(80,000)
	GREAT ASR Wells Project No. 116505 609-6551-821-8209 821-8209 - Professional Services - Other	80,000
	Net Estimated Change to Water Bonds Fund	<u>-0-</u>



 Manager

REQUIRES CITY COUNCIL APPROVAL

CHIEF FINANCIAL OFFICER



Disposition

Approved _____

Rejected _____

Transfer by Journal Voucher _____

 City Manager