



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. CA08-131**

1. Agenda Item Number:
28
2. Council Meeting Date:
January 17, 2008

TO: MAYOR & COUNCIL

3. Date Prepared: December 19, 2007

THROUGH: CITY MANAGER

4. Requesting Department: Municipal Utilities

5. SUBJECT: Award a project agreement to Wilson Engineers LLC for the design for the equipping of Ocotillo Aquifer Storage and Recovery (ASR) Wells 5 and 6, Project No. WW0807-201, in an amount not to exceed \$284,545.

6. RECOMMENDATION: Staff recommends that Council award a project agreement to Wilson Engineers LLC for the design for the equipping of Ocotillo Aquifer Storage and Recovery (ASR) Wells 5 and 6, Project No. WW0807-201, in an amount not to exceed \$284,545.

7. BACKGROUND/DISCUSSION: ASR wells are needed to support the reclaimed water distribution system. ASR wells are used to inject reclaimed water in the upper aquifer when irrigation demands are low. When irrigation water demand is high, these wells are pumped to recover the stored effluent water for use in the reclaimed water distribution system. There are four existing ASR wells within the Ocotillo recharge facility. This project provides for the design of two additional ASR wells at the site on Old Price Road.

8. EVALUATION PROCESS: On September 6, 2007, Council approved annual contract, EN0712-101, to Wilson Engineers LLC for permitting, study, construction management services, and design for water and wastewater facilities. Staff has reviewed the scope of work, billing rates, and total fee for this project, compared them to historical costs, and has determined that they are acceptable.

9. FINANCIAL IMPLICATIONS:

Cost: \$284,545
Savings: None
Long Term Costs: None
Fund Source:

<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
615.3910.0000.6817.8WW189	Water Operating	Effluent Reuse – Storage and Recovery Wells	FY 07/08	\$284,545

10. PROPOSED MOTION: Move that Council award a project agreement to Wilson Engineers LLC for the design for the equipping of Ocotillo Aquifer Storage and Recovery (ASR) Wells 5 and 6, Project No. WW0807-201, in an amount not to exceed \$284,545, and authorize the Mayor to sign the contract documents.

ATTACHMENTS: Location Map, Project Agreement

APPROVALS

11. Requesting Department


Robert Mulvey, Assistant Municipal Utilities Director

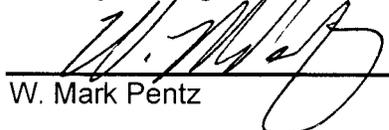
13. Department Head


Dave Siegel, Municipal Utilities Director

12. City Engineer


Sheina Hughes, Acting Assistant Public Works
Director/City Engineer

14. City Manager


W. Mark Pentz

**PROJECT AGREEMENT
PURSUANT TO ANNUAL CONTRACT NO. EN0712-101**

AGREEMENT NO: WW0807-201

This AGREEMENT is made this _____ day of _____ 2007, by and between the City of Chandler, a municipal corporation (hereinafter referred to as "CITY") and Wilson Engineers, LLC, registered in the state of Arizona (hereinafter referred to as "Annual Consultant") and is a project agreement entered into pursuant to Annual Contract No. EN0712-101.

CITY and Wilson Engineers, LLC, in consideration of the mutual covenants herein set forth, agree as follows:

ARTICLE 1. DESCRIPTION OF WORK

This project is Ocotillo ASR Wells 5 & 6 Equipping Design, Project Number WW0807-201. The scope of work consists of design services for the drilling and equipping two new (2) aquifer, storage, and recovery (ASR) wells at the City's Ocotillo Recharge Facility and installation of additional piping and equipment at the recently completed Ocotillo Recharge Pump Station, all as more particularly set forth in Exhibit A attached hereto and incorporated herein by reference.

The Annual Consultant shall not accept any change of scope, or change in contract provisions, unless issued in writing, as a contract amendment and signed by the Contract Administrator.

ARTICLE 2. CONTRACT PRICE

CITY shall pay Annual Consultant for completion of the Work in accordance with the Contract Documents a fee not to exceed Two Hundred Eighty Four Thousand Five Hundred Forty Five Dollars (\$284,545) determined and payable as set forth in Annual Contract EN0712-101 and Exhibit B attached hereto and made a part hereof by reference.

ARTICLE 3. CONTRACT TIME

The contract time is One Hundred Eighty days and Annual Consultant agrees to complete all work within One Hundred Eighty (180) days of the date CITY issues a Notice to Proceed.

ARTICLE 4. GENERAL

This Project Agreement is entered into pursuant to Annual Contract No. EN0712-101 and the terms and conditions contained therein are incorporated herein by reference as if set forth in full.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first written above.

This Agreement will be effective on this _____ day of _____, 2007.

CITY OF CHANDLER

MAYOR DATE:

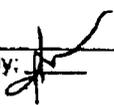
FOR THE ANNUAL:
By: _____
Title: _____

ADDRESS FOR NOTICE
City of Chandler
P.O. Box 4008, Mail Stop 407
Chandler, AZ 85244-4008
480-782-3307

ADDRESS FOR NOTICE
Mr. Steve Todd
Wilson Engineers
9833 S. 48th St., Ste. 290
Phoenix, AZ 85044-5858

APPROVED AS TO FORM:

Phone: 480-893-8860
Fax: 480-893-8868

ATTEST: City Attorney By: 

City Clerk

**EXHIBIT A
SCOPE OF WORK**

ANNUAL CONSULTANT shall provide design services for the drilling and equipping two new (2) aquifer, storage, and recovery (ASR) wells at the City's Ocotillo Recharge Facility (adjacent to Old Price Road, south of the Ocotillo Water Reclamation Facility) and installation of additional piping and equipment at the recently completed Ocotillo Recharge Pump Station. The new wells will be connected to the existing SCADA communication system. The primary power feeding the facility will be relocated from power poles located on the west side of Old Price Road to a recently installed switching cabinet on the east side of Old Price Road. In addition, the existing motor control center at ASR Well No. 1 will be expanded to incorporate the two additional well sites.

**EXHIBIT B
FEE SCHEDULE**

Task 1.0 - Design Development								
1.1	Kick-Off Meeting	4	4			2	10	\$ 1,620
1.2	Data Collection and Review		4	12			16	\$ 2,440
1.3	Soils Investigation		2	6			8	\$ 1,220
	Subtotal - Design Development	4	10	18	0	2	34	\$ 5,280
Task 2.0 - Preliminary Design								
2.1	Preliminary Design Report	4	40	80	35	32	191	\$ 24,945
	Subtotal - Preliminary Design	4	40	80	35	32	191	\$ 24,945
Task 3.0 - Final Design								
3.1	60% Construction Documents		140	164	160	20	484	\$ 64,880
3.2	90% Construction Documents	4	152	200	192	70	618	\$ 79,520
3.3	Maricopa County / Development Services Submittal		16	24	16	8	64	\$ 8,360
3.4	Final Submittal	4	120	148	136	40	448	\$ 58,960
	Subtotal - Final Design	8	428	536	504	138	1614	\$ 211,720
Task 4.0 - Bid Services								
4.1	Pre-Bid Conference			2			2	\$ 290
4.2	Questions / RFI Response		10	20		4	34	\$ 4,930
4.3	Equipment Prequalification Review / Issue Addenda		8	20	18	4	50	\$ 6,290
4.4	Attend Bid Opening			2			2	\$ 290
	Subtotal - Bid Services	0	18	44	18	8	88	\$ 11,800
Task 5.0 - Hydrogeological Services - See Other Direct Costs								
	Subtotal - Wilson Labor Summary	16	496	678	557	180	1927	\$ 253,745
II. Other Direct Costs								
1.4	Alpha Geotechnical- Geotech Sub	LS	1	\$ 2,500	\$ 2,500			
5.0	Clear Creek Associates - Hydrogeological Sub	LS	1	\$ 28,300	\$ 28,300			
	Subtotal - Other Direct Costs				\$ 30,800			
III. TOTAL FEE PROPOSAL								
I	LABOR SUMMARY			\$ 253,745				
II	OTHER DIRECT COSTS			\$ 30,800				
III	TOTAL FEE			\$ 284,545				