



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. CA10-091**

1. Agenda Item Number:
12
2. Council Meeting Date:
November 19, 2009

TO: MAYOR & COUNCIL
THROUGH: CITY MANAGER

3. Date Prepared: October 23, 2009
4. Requesting Department: Municipal Utilities

5. SUBJECT: Approval of Contract Amendment No. 2 in the amount of \$73,064 to the project agreement with Brown and Caldwell for Ocotillo Water Reclamation Facility O&M Electrical/Mechanical Construction Management Services, Project No. WW0906-451, for a revised contract total of \$320,453.

6. RECOMMENDATION: Staff recommends that Council approve of Contract Amendment No. 2 in the amount of \$73,064 to the project agreement with Brown and Caldwell for Ocotillo Water Reclamation Facility O&M Electrical/Mechanical Construction Management Services, Project No. WW0906-451, for a revised contract total of \$320,453.

7. BACKGROUND/DISCUSSION: In September 2009, Brown and Caldwell completed an evaluation for the City to investigate alternatives to the Turblex blower for the Ocotillo Water Reclamation Facility. This evaluation determined that the blowers manufactured by HSI were a suitable and cost saving alternative to the Turblex blowers. Each HSI unit is approximately 40% cheaper than a Turblex unit. Because of the cost savings and manufacturing locality, City staff determined it would be more economical to replace all three units at this time instead of a more costly replacement phasing program that would have been completed over a three year period as previously planned.

In addition, the HSI units will not require the City to enter into a costly annual maintenance agreement with the manufacturer and can be accomplished by local consultants.

This amendment provides for additional construction management services for the replacement of all three existing Turblex blowers with three HSI high-speed direct drive units.

8. EVALUATION: 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:

Total Design Contract:		\$229,898	
Contract Amendment No. 1:	(7.0%)	\$ 17,491	Staff Approved
Contract Amendment No. 2:	(32.0%)	<u>\$ 73,064</u>	
Revised Contract Amount:		\$320,453	

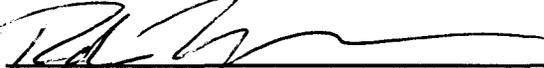
<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
611.3910.0000.6814.10S621	Wastewater Bonds	Ocotillo WRF Rehabilitation	FY 09/10	\$73,064

10. PROPOSED MOTION: Move that Council approve of Contract Amendment No. 2 in the amount of \$73,064 to the project agreement with Brown and Caldwell for Ocotillo Water Reclamation Facility O&M Electrical/Mechanical Construction Management Services, Project No. WW0906-451, for a revised contract total of \$320,453, and authorize the Mayor to sign the contract documents.

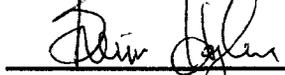
ATTACHMENTS: Location Map, Contract Amendment

APPROVALS

11. Requesting Department


Robert Mulvey, Assistant Municipal Utilities Director

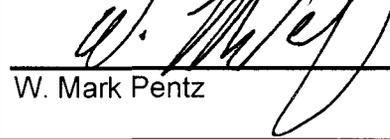
12. City Engineer


Sheina Hughes, Assistant Public Works
Director/City Engineer

13. Department Head

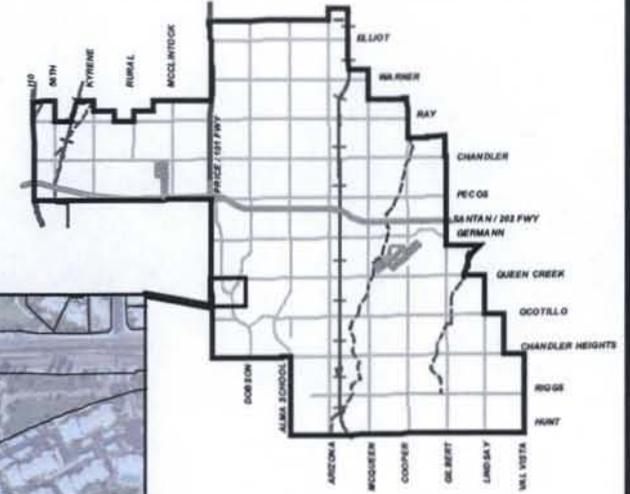

Dave Siegel, Municipal Utilities Director

14. City Manager


W. Mark Pentz



**OCOTILLO WATER RECLAMATION FACILITY
O & M ELECTRICAL/MECHANICAL
CONSTRUCTION MANAGEMENT SERVICES
PROJECT NO. WW0906-451**



MEMO NO. CA10-091

CONTRACT AMENDMENT #2

 PROJECT AREA





Chandler Arizona

AMENDMENT NUMBER 2
TO PROJECT AGREEMENT NO.: WW0906-451
PURSUANT TO ANNUAL CONTRACT NO.: EN0717-101

Project Name: Ocotillo Water Reclamation Facility Operation and Maintenance Electrical/Mechanical Construction Management Services
Project No.: WW0906-451

The City of Chandler (CITY) and Brown and Caldwell, a corporation licensed to do business in the State of Arizona, entered into an Annual Contract No. EN0717-101 dated 11, September 2007. Pursuant to this Annual Contract the parties entered into a Project Agreement dated 12, November 2008. This Amendment No. 2 to that certain Project Agreement between the City Of Chandler (CITY) and Brown and Caldwell, for Ocotillo Water Reclamation Facility Operation and Maintenance Electrical/Mechanical Construction Management Services is entered into this day of _____, 2009.

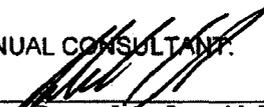
WHEREAS the parties have determined that it is necessary and desirable for ANNUAL CONSULTANT to perform additional services for CITY;

NOW THEREFORE, the parties agree as follows:

1. Article 1, of the above referenced Agreement, is hereby; amended by adding additional scope of work described in more detail in Exhibit A attached hereto and incorporated herein by reference.
2. Article 2, of the above referenced Agreement, is hereby; amended by increasing the total contract price by an amount not to exceed the sum of Seventy Three Thousand Sixty Four dollars, (\$73,064) for a total Contract Price not to exceed the sum of Three Hundred Twenty Thousand Four Hundred Fifty Three dollars (\$320,453) of all payable in accordance with Exhibit B, attached hereto and incorporated herein by reference.
3. Article 3 of the above referenced Agreement is hereby amended by increasing the Contract Time by Two Hundred Ten (210) days for a total Contract Time of Three Hundred Ninety (390) days from the original Notice to Proceed date.
4. All other terms and conditions of the above referenced Agreement shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the parties have hereunto subscribed their names this _____ day of _____, 2009.

CITY OF CHANDLER:
By: _____
MAYOR Date

ANNUAL CONSULTANT:
By: 
Title: Ronald L. Ablin, P.E.
Vice President
ATTEST: (If corporation)

APPROVED AS TO FORM:

City Attorney by: 
ATTEST:

Secretary
WITNESS: (If Individual or Partnership)

City Clerk SEAL

Amendment No. 2 cont.

Project No. WW0906-451

THESE CHANGES RESULT IN THE FOLLOWING ADJUSTMENTS OF CONTRACT PRICE AND TIME

ORIGINAL CONTRACT AMOUNT	\$ 229,898
CURRENT CONTRACT PRICE PRIOR TO THIS AMENDMENT (Including previous amendments)	\$ 247,389
NET INCREASE / DECREASE (Resulting from this amendment)	\$ 73,064
REVISED CONTRACT PRICE (Including this amendment)	\$ 320,453
AMENDMENT PERCENTAGE (Of original contract price)	<u>32%</u>
CONTRACT TIME PRIOR TO THIS AMENDMENT (Including previous amendments)	180 (Days or Date)
NET INCREASE/DECREASE (Resulting from this amendment)	210 (Days or Date)
REVISED CONTRACT TIME (Including this amendment)	390 (Days or Date)
THIS AMENDMENT No.	Does not Require Council Approval: Less than \$30,000*
	More than \$30,000 but less than 10% of Contract*
THIS AMENDMENT No. <u>2</u>	Requires Council Approval Greater than \$30,000* X
	Greater than 10% of Contract *
*Including City Manager approved Amendments	
ORIGINAL CONTRACT COUNCIL DATE: 10/30/08 ITEM NO.:44, if applicable	
COUNCIL APPROVAL: _____ ITEM NO: _____, if applicable	
CITY OF CHANDLER (Date & Name of Owner Dept. verbal approval): <u>10/21/09 Bob Fortier</u>	

CC: City Clerk User Dept Project Mgr Consultant Project Analyst File

**EXHIBIT A
SCOPE OF WORK**

The Annual Consultant shall provide additional construction management services for the replacement of all three existing Turblex blowers with three HSI high-speed direct drive units. The additional services provided are for the replacement of all three existing blowers, which was not included in the original contract scope.

The additional services shall include:

- 1.1 Progress Meetings/Reports
- 1.2 Schedule Review
- 1.3 Project Coordination
- 1.4 Final Report

- 2.1 Design Drawings
- 2.2 Develop Specifications
- 2.3 Construction Inspection
- 2.4 RFI Response
- 2.5 Submittal Review
- 2.6 Start-Up Services

EXHIBIT B
FEE SCHEDULE

Task	Chief Engineer \$217	Project Manager \$154	Principal Engineer \$174	Senior Engineer \$154	Supervising Drafter \$137	Senior Drafter \$98	Inspector III \$137	Engineer I \$98	Office Support IV \$84	Total
Task 1.0 Project Management										
1.1 Progress Meetings/Reports		6							7	\$1,512
1.2 Schedule Review		8							5.5	\$1,694
1.3 Project Coordination		0							0	\$0
1.4 Final Report										\$0
Task 2.0 Aeration Upgrades										
2.1 Design Drawings	4		40	40	49	48		8	6	\$26,693
2.2 Develop Specifications	12		45	16		8		12	27.5	\$17,168
2.3 Construction Inspection									4.5	\$378
2.4 RFI Responses			32	12					7	\$8,004
2.5 Submittal Review										\$0
2.6 Start-Up Services			8	41			57			\$15,515
Expenses										\$2,100
Total	16	14	125	109	49	56	57	20	57.5	\$73,064