



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. CA07-250**

1. Agenda Item Number:
Repl #36

2. Council Meeting Date:
May 10, 2007

TO: MAYOR & COUNCIL

3. Date Prepared: April 30, 2007

THROUGH: CITY MANAGER

4. Requesting Department: Municipal Utilities

5. SUBJECT: Approve Change Order No. 1 to the construction contract with The Ashton Company for the Ocotillo Recharge Facility Expansion, Project No. WW0406-401RB, in an amount not to exceed \$194,757.92, for a revised contract total of \$5,023,357.92.

6. RECOMMENDATION: Staff recommends Council approve Change Order No. 1 to the construction contract with The Ashton Company for the Ocotillo Recharge Facility Expansion, Project No. WW0406-401RB, in an amount not to exceed \$194,757.92, for a revised contract total of \$5,023,357.92.

7. BACKGROUND/DISCUSSION: Council awarded the construction contract to The Ashton Company on June 6, 2006. The Ocotillo Recharge Facility was re-permitted to a recharge rate of 10.0 MGD on an annual basis. This facility expansion includes re-equipping the four existing aquifer storage and recovery (ASR) wells with larger pumps, adding pumps to the effluent pump station at the Ocotillo Water Reclamation Facility (WRF), installing a 30-inch diameter transmission line from the Ocotillo WRF to the recharge facility, and upsizing the on-site recharge infrastructure to handle the larger permitted capacity.

8. EVALUATION PROCESS: This change order reflects additional costs for a new primary power feed for the site, items to enhance existing plant operations, unforeseen conditions due to underground conflicts not shown on the plans, and design modifications needed to reflect field conditions found during construction. The City's engineers (Wilson Engineers) have reviewed the costs, performed an independent cost analysis, and recommend acceptance. Work has not been authorized pending Council approval.

9. FINANCIAL IMPLICATIONS:

Original Contract Amount	\$4,828,600.00
Cost of Change Order	\$ 194,757.92
Adjusted Contract Amount	\$5,023,357.92

Percent of Original Contract

User Requested	0.93%
Unforeseen Conditions	1.56%
Design Modifications	<u>1.54%</u>
Total Project Change	4.03%
Percent Project Complete	75%

Fund Source

<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
611.3910.0000.6817.7WW621	WW Bond Fund	Ocotillo WRF Rehab	FY 06/07	\$194,757.92

10. PROPOSED MOTION: Move that Council approve Change Order No. 1 to the construction contract with The Ashton Company for the Ocotillo Recharge Facility Expansion, Project No. WW0406-401RB, in an amount not to exceed \$194,757.92, for a revised contract total of \$5,023,357.92, and authorize the Mayor to sign the contract documents.

ATTACHMENTS: Location Map



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APPROVALS

11. Requesting Department



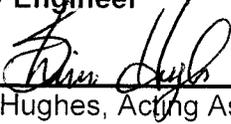
Robert Mulvey, Assistant Municipal Utilities Director

13. Department Head



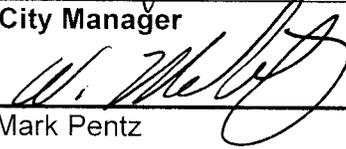
Dave Siegel, Municipal Utilities Director

12. City Engineer



Sheina Hughes, Acting Assistant Public Works
Director/City Engineer

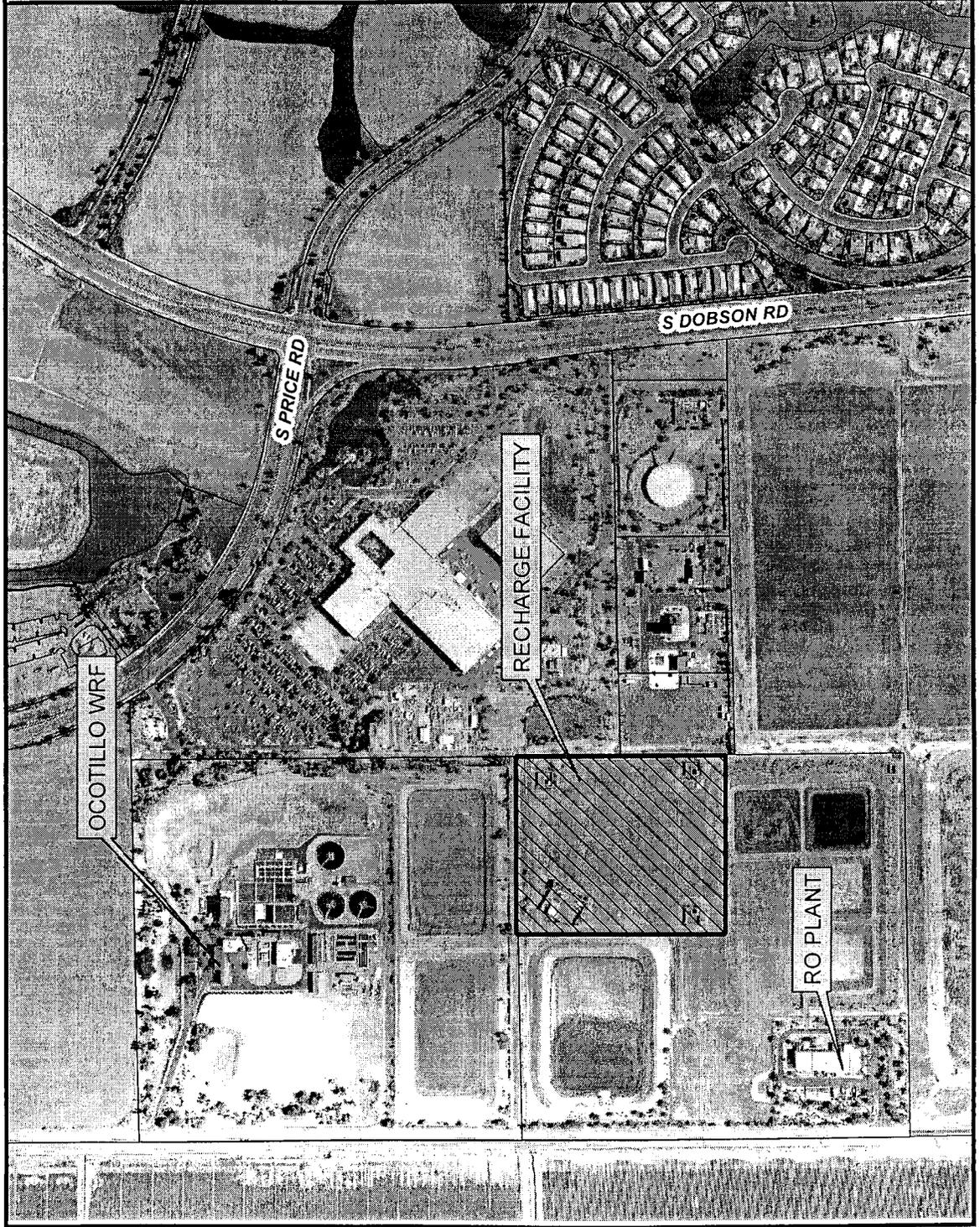
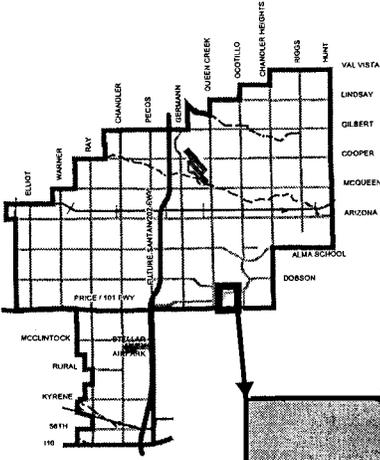
14. City Manager



W. Mark Pentz



OCOTILLO RECHARGE FACILITY EXPANSION PROJECT NO. WW0406 - 401RB



MEMO NO. CA07-250



CITY OF CHANDLER CHANGE ORDER
CHANGE ORDER NUMBER 1
DATE 4/30/2007

This Change Order is not valid until signed by both the City and the Contractor. Signature of the Contractor indicates agreement herewith, including any adjustments in the Contract Price or Contract Time.

PROJECT NAME Ocotillo Recharge Facility Exp CONTRACTOR The Ashton Company
PROJECT NO. VVW0406-401 RB COST ACCT # 611.3910.0000.6817.7VVW621
USER DEPT Municipal Utilities NTP DATE 10/2/2006

TO: The Ashton Company

(CONTRACTOR)

YOU ARE DIRECTED TO MAKE THE FOLLOWING CHANGES TO THIS CONTRACT:
(Describe changes in detail and/or reference attached cost breakdown sheet.)

This change order reflects additional costs for a new primary power feed for the site, items to enhance existing plant operations, unforeseen conditions due to underground conflicts not shown on the plans, and design modifications needed to reflect field conditions found during construction.

All as described in detail in Exhibit A attached hereto and incorporated herein by reference.

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

ORIGINAL CONTRACT AMOUNT: \$4,828,600.00
CURRENT CONTRACT PRICE PRIOR TO CHANGE ORDER \$4,828,600.00
(Including previous change orders)
NET CHANGE RESULTING FROM THIS CHANGE ORDER: \$ 194,757.92
REVISED CONTRACT PRICE INCLUDING THIS CHANGE ORDER: \$5,023,357.92
CHANGE ORDER IS % OF ORIGINAL CONTRACT AMOUNT: 4.03%

CONTRACT TIME OR COMPLETION DATE PRIOR TO THIS CHANGE ORDER (Including previous change orders): 270 6/29/2007
DAYS DATE

NET CHANGE RESULTING FROM THIS CHANGE ORDER: 8
DAYS

REVISED CONTRACT TIME AND COMPLETION DATE: 278 7/17/2007
DAYS DATE

THE ABOVE IS AGREED TO BY:

The Ashton Company
CONTRACTOR

Gary Zimmerman 5-1-07
Signature: Date

CITY OF CHANDLER (Date & Name of Owner Dept. verbal approval): 4/17/2007, Robert Fortier

For Change Orders of less than \$50,000 and 10% of contract price:

Title: _____ Signature: _____ Date: _____
Director or Designee

Or (but not both)

For Change Orders of \$50,000 or more, or 10% or more of contract price:

MAYOR Date: _____
Approved by Council on: _____

Date Attest: City Clerk Date

Approved at to Form: _____
City Attorney *[Signature]*

Change Order No. 1, Continued
 WW0406-401 RB

EXHIBIT A

WCD No.	Description	Amount
1	12" gate valves	\$ 3,449.85
2	Credit for soft starts	\$ -0-
3	Recharge PS transmitter relocation	\$ 1,332.67
4	SRP primary power	\$ 45,628.52
5	Add concrete conduit curbs at recharge PS	\$ 892.97
6	Expand concrete slab for prefab electrical building	\$ 830.53
7	HVAC power upgrades	\$ 281.07
8	SCADA package upgrades	\$ 3,990.19
9	Bypass pumping flow meter location	\$ 3,168.72
10	Additional bypass pump	\$ 5,278.60
11	Flow meter relocation at ASR wells	\$ 9,216.62
12	T&M flooding at effluent PS	\$ 24,212.15
13	Piping spool lengths at ASR wells	\$ 8,000.00
14	ASR well start/stop pushbuttons	\$ 3,000.00
15	Effluent pump station weir wall addition	\$ 10,000.00
16	Well pump column pipe removal proposal	\$ 5,000.00
17	Increase grating at the effluent PS top slab	\$ 6,000.00
18	Conduit installation to PRV station	\$ 6,000.00
19	Relocate 36" reclaimed line for existing utilities	\$ 43,476.03
20	Expand equipment pad and canopy for SES	\$ 15,000.00
Total Cost Change Order No. 1		\$ 194,757.92