



**PURCHASING ITEM  
FOR  
COUNCIL AGENDA  
Memo No. CA07-178**

**1. Agenda Item Number:**

**25**

**2. Council Meeting Date:**

February 22, 2007

**TO: MAYOR & COUNCIL**

**3. Date Prepared:** January 23, 2007

**THROUGH: CITY MANAGER**

**4. Requesting Department:** Municipal Utilities

**5. SUBJECT:** Award a job order contract project agreement to SDB, Inc., for Reverse Osmosis Facility Upgrades, Project No. WW0703-401, in an amount not to exceed \$127,009.

**6. RECOMMENDATION:** Staff recommends Council award a job order contract project agreement to SDB, Inc., for Reverse Osmosis Facility Upgrades, Project No. WW0703-401, in an amount not to exceed \$127,009.

**7. BACKGROUND/DISCUSSION:** City staff has identified miscellaneous improvement projects that need to be completed at the Reverse Osmosis facilities. Improvements include air-conditioning upgrades, valve replacements, valve actuator installations, and piping installation and replacement.

**8. EVALUATION PROCESS:** On January 11, 2007, Council approved the award of a Job Order Contract, Number JOC 07-04, to SDB, Inc., for general contracting services for City facilities. The costs proposed for this project have been reviewed by City staff and compared to historical prices for similar work and found to be acceptable.

**9. FINANCIAL IMPLICATIONS:**

Cost: \$127,009  
Savings: NA  
Long Term Costs: NA  
Fund Source:

<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
616.3930.5316	WW Industrial Process Treatment/RO	Machinery and Equipment	Non-CIP	\$127,009

**10. PROPOSED MOTION:** Move that Council award a job order contract project agreement to SDB, Inc., for Reverse Osmosis Facility Upgrades, Project No. WW0703-401, in an amount not to exceed \$127,009, 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**

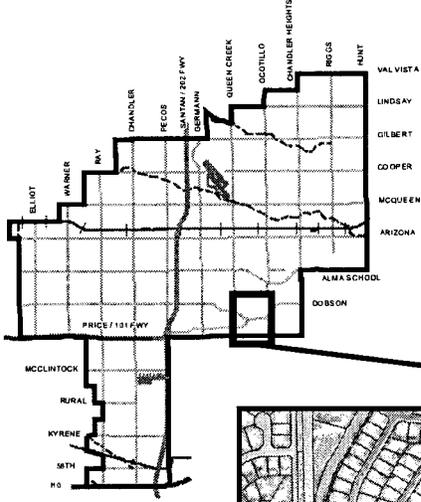
Elizabeth M. Huning, Assistant Public Works Director/City Engineer

**14. City Manager**

W. Mark Pentz

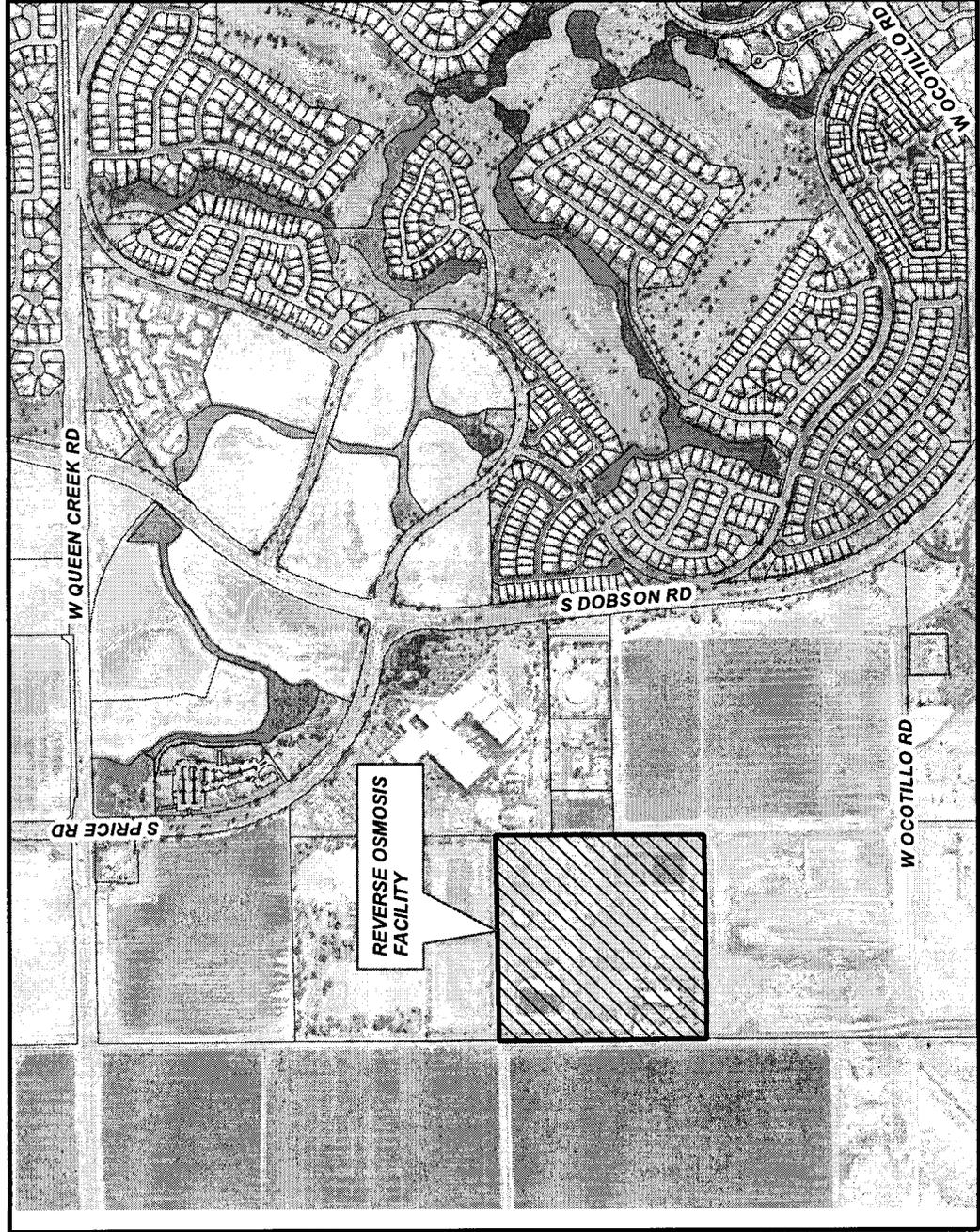
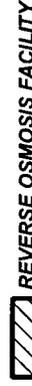


# REVERSE OSMOSIS FACILITY UPGRADES PROJECT NO. WW0703-401



MEMO NO. CA07-178

LEGEND



**PROJECT AGREEMENT  
PURSUANT TO JOB ORDER CONTRACT NO. JOC 07-04**

**AGREEMENT NO: WW0703-401  
PROJECT NAME (or LOCATION): RO Facility Upgrades  
DEPT.: Municipal Utilities**

This AGREEMENT is made this \_\_\_\_\_ day of \_\_\_\_\_ 2007, by and between the City of Chandler, a municipal corporation (hereinafter referred to as "CITY") and SDB, Inc. an Arizona corporation, (hereinafter referred to as "JOC") and is a Job Order entered into pursuant to JOB ORDER CONTRACT NO. JOC 07-04.

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

**ARTICLE 1. DESCRIPTION OF WORK**

This Job Order Project is RO Facility Upgrades, Project Number WW0703-401. The scope of work consists of providing all equipment, labor, material, supervision and incidentals as required to perform facility upgrades to the City's Reverse Osmosis Plant. JOC shall install air conditioning for the server room; replace the Reverse Osmosis Brine Control Valves; replace the piping and calibration cylinder for acid and caustic; install piping for caustic to CIP and MF feed tanks; replace forty (40) feet of 1" pipe for caustic soda line in underground vault; install one (1) 8" and one (1) 10" actuator on valves in underground vault; remove concrete footings in MF area; and replace two (2) valves on the existing 4" backflow preventer.

The JOC shall not accept any change of scope, or change in contract provisions, unless issued in writing, as a contract amendment or change order and signed by the authorized signatories for each party.

**ARTICLE 2. CONTRACT PRICE**

CITY shall pay JOC for completion of the Work in accordance with the Contract Documents a fee not to exceed the Guaranteed Maximum Price of One Hundred Twenty Seven Thousand Nine Dollars (\$127,009) determined and payable as set forth in Contract JOC 07-04 and Exhibit A attached hereto and made a part hereof by reference.

**ARTICLE 3. CONTRACT TIME & SCHEDULE**

The Contract Time is 90 days and JOC agrees to complete all Construction within Ninety (90) days from the effective date of the Notice to Proceed.

**ARTICLE 4. GENERAL**

This Project Agreement is entered into pursuant to JOB ORDER CONTRACT NO. JOC 07-04 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 upon execution by the both parties.

IN WITNESS WHEREOF, the parties have hereunto subscribed their names to this \_\_\_\_\_ day of \_\_\_\_\_ 2007.  
CITY OF CHANDLER FOR THE JOC:

\_\_\_\_\_  
MAYOR DATE:

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. Sean Jones  
SDB, Inc.  
8211 W. First St.  
Tempe, AZ 85281

APPROVED AS TO FORM:

Phone: 67-5810  
Fax: 967-5841

By:  \_\_\_\_\_  
City Attorney  
ATTEST:

\_\_\_\_\_  
City Clerk

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CITY OF CHANDLER

FOR THE JOC:

\_\_\_\_\_  
MAYOR DATE:

By:  1/29/07  
Title: Project Manager

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

ADDRESS FOR NOTICE  
Mr. Sean Jones  
SDB, Inc.  
8211 W. First St.  
Tempe, AZ 85281

APPROVED AS TO FORM:

Phone: 967-5810  
Fax: 967-5841

\_\_\_\_\_  
By: \_\_\_\_\_  
ATTEST:

\_\_\_\_\_  
City Clerk

**EXHIBIT A  
FEE SCHEDULE**

01	Division 1 - General Requirements				\$ 17,100.00
02	Division 2 - Site Construction				\$ 2,680.00
09	Division 9 - Finishes				\$ 1,535.00
15	Division 15 - Mechanical				\$ 87,240.00
				<b>Sub Total</b>	<b>\$ 108,555.00</b>
				<b>Coefficient</b>	<b>17.0%</b>
				<b>Total</b>	<b>\$ 127,009.00</b>
<b>DIVISION BREAKDOWN</b>					
<b>QUAN</b>	<b>CSI</b>	<b>Description</b>	<b>Unit</b>	<b>\$ per Unit</b>	<b>Total</b>
80.0	013020	Project Manager	EA	\$ 60.00	\$ 4,800.00
120.0	013100	Superintendent	EA	\$ 55.00	\$ 6,600.00
1.0	012000	Allowance for Needle Valves	AL	\$ 5,700.00	\$ 5,700.00
<b>Total - Division 1 - General Requirements</b>					<b>\$ 17,100.00</b>
8.0	020500	Concrete Footing Removal in MF Area	EA	\$ 335.00	\$ 2,680.00
<b>Total - Division 2 - Site Construction</b>					<b>\$ 2,680.00</b>
1.0	095100	Installation of Acoustical Ceiling and Insulation in Server Room	LS	\$ 1,535.00	\$ 1,535.00
<b>Total - Division 9 - Finishes</b>					<b>\$ 1,535.00</b>
1.0	153000	Sprinkler Installation in Server Room	LS	\$ 750.00	\$ 750.00
1.0	154000	Replace 4" Gate Valves on Backflow Preventer	LS	\$ 1,800.00	\$ 1,800.00
1.0	154000	Replace 1" Needle Valve in RO System	LS	\$ 1,900.00	\$ 1,900.00
1.0	154000	Install 8" and 10" Gate Valve Actuators in Vault	LS	\$ 18,400.00	\$ 18,400.00
1.0	154000	Sulfuric Acid Piping System	LS	\$ 29,820.00	\$ 29,820.00
1.0	154000	Caustic Soda Piping System	LS	\$ 26,320.00	\$ 26,320.00
1.0	154000	Caustic Soda Piping to Tanks	LS	\$ 6,000.00	\$ 6,000.00
1.0	154000	Replace 40' of PVC with CPVC outside between Vaults	LS	\$ 1,500.00	\$ 1,500.00
1.0	155000	Install Portable AC Unit in Server Room	LS	\$ 750.00	\$ 750.00
<b>Total - Division 15 - Mechanical</b>					<b>\$ 87,240.00</b>