



**PURCHASING ITEM  
FOR  
COUNCIL AGENDA  
Memo No. CA08-289**

**1. Agenda Item Number:**

**34**

**2. Council Meeting Date:**  
June 26, 2008

**TO: MAYOR & COUNCIL**  
**THROUGH: CITY MANAGER**

**3. Date Prepared:** May 28, 2008

**4. Requesting Department:** Municipal Utilities

**5. SUBJECT:** Award a project agreement to SDB, Inc. for the Airport Water Reclamation Facility Vapex Odor Control Units, Project No. WW0818-401, in an amount not to exceed \$333,865.00 under Job Order Contract JOC07-04.

**6. RECOMMENDATION:** Staff recommends that Council award a project agreement to SDB, Inc. for the Airport Water Reclamation Facility Vapex Odor Control Units, Project No. WW0818-401, in an amount not to exceed \$333,865.00 under Job Order Contract JOC07-04.

**7. BACKGROUND/DISCUSSION:** Due to the anticipated increase in flow associated with the current Airport Water Reclamation Facility expansion, City staff has identified the need to install three (3) new Vapex odor control units to ensure that all odor concerns related to the increase in flow are addressed and meet the odor control regulatory requirements. Construction will also include the necessary piping and electrical work associated with the installation of the three units. One (1) unit will be placed at the Headworks area and two (2) units will be placed at the Solids Storage site. These units have been used in wastewater facilities over the past several years and have been found to be efficient and effective in controlling odor.

Construction is slated to begin in summer 2008 with a construction duration of approximately five months.

**8. EVALUATION:** On January 11, 2007 Council approved a one-year Job Order Contract in an amount not to exceed \$5,000,000 with the option of four one-year extensions, to SDB, Inc., JOC07-04, for general construction services. The costs proposed for this project have been reviewed by City Staff and compared to historical prices for similar City projects and determined that they are acceptable.

**9. FINANCIAL IMPLICATIONS:**

Cost: \$333,865  
Savings: N/A  
Long Term Costs: N/A

**Fund Source:**

<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
614.3910.0000.6817.6WW099	Wastewater System Development Fees	SYS Level Monitoring & Flow Metering	FY 05/06	\$80,000
614.3910.0000.6814.8WW196	Wastewater System Development Fees	Collection System Facility Improvements	FY 07/08	\$213,865
611.3910.0000.6817.8WW266	Wastewater Bond Fund	Sewer Assessment & Rehabilitation	FY 07/08	\$40,000

**10. PROPOSED MOTION:** Move that Council award a project agreement to SDB, Inc. for the Airport Water Reclamation Facility Vapex Odor Control Units, Project No. WW0818-401, in an amount not to exceed \$333,865.00 under Job Order Contract JOC07-04.

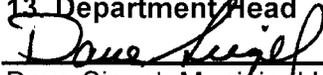
**ATTACHMENTS:** Location Map, Project Agreement

**APPROVALS**

**11. Requesting Department**

  
Robert Mulvey, Assistant Municipal Utilities Director

**13. Department Head**

  
Dave Siegel, Municipal Utilities Director

**12. City Engineer**

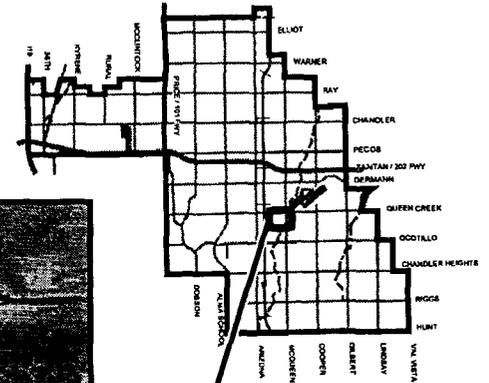
  
Sheina Hughes, Assistant Public Works Director/City Engineer

**14. City Manager**

  
W. Mark Pentz



# AIRPORT WATER RECLAMATION FACILITY VAPEX ODOR CONTROL UNITS PROJECT NO. WW0818-401



MEMO NO. CA08-289



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

**AGREEMENT NO: WW0818-401**

**PROJECT NAME (or LOCATION): Airport Water Reclamation Facility (AWRF) Vapex Odor Control Units  
DEPT.: Municipal Utilities**

This AGREEMENT is made this \_\_\_\_\_ day of \_\_\_\_\_ 2008, 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 Airport Water Reclamation Facility (AWRF) Vapex Odor Control Units, Project Number WW0818-401. The scope of work consists of installing one (1) one Vapex unit at AWRF Head Works and installing two (2) Vapex units at AWRF Solids Storage, all as more particularly set forth in Exhibit A attached hereto and incorporated herein by reference.

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 Three Hundred Thirty Three Thousand Eight Hundred Sixty Five Dollars (\$333,865) determined and payable as set forth in Contract JOC 07-04 and Exhibit B attached hereto and made a part hereof by reference.

**ARTICLE 3. CONTRACT TIME & SCHEDULE**

The Contract Time is one hundred fifty days and JOC agrees to complete all Construction within one hundred fifty (150) 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 \_\_\_\_\_ 2008.  
CITY OF CHANDLER

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

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

APPROVED AS TO FORM:

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

ATTEST:  
\_\_\_\_\_  
City Clerk

FOR THE JOC:  
By: \_\_\_\_\_ 6/3/08  
Title: \_\_\_\_\_ Project Manager

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

Phone: 602-886-5615  
Fax: 967-5841

**EXHIBIT A  
SCOPE OF WORK**

JOC shall install one (1) V-1500 Vapex unit with associated piping and electrical at AWRF Head Works, and install (2) V-1500 Vapex units with associated piping and electrical at AWRF Solids Storage.

**EXHIBIT B  
FEE SCHEDULE**

Install (1) V-1500 Vapex unit with associated piping and electrical at AWRF Head Works.

Install (2) V-1500 Vapex units with associated piping and electrical at AWRF Solids Storage.

Sub-Total	\$	285,354.00
Coefficient	\$	48,511.00
<b>TOTAL</b>	<b>\$</b>	<b>333,865.00</b>

**AWRF Head Works**

01	Division 1 - General Requirements			\$	3,880.00
02	Division 2 - Site Construction			\$	1,800.00
03	Division 3 - Concrete			\$	676.00
04	Division 4 - Masonry			\$	-
05	Division 5 - Steel			\$	-
06	Division 6 - Wood & Plastics			\$	-
07	Division 7 - Therm & Moist Protection			\$	-
08	Division 8 - Doors & Windows			\$	-
09	Division 9 - Finishes			\$	500.00
10	Division 10 - Specialties			\$	-
11	Division 11 - Equipment			\$	-
12	Division 12 - Furnishings			\$	-
13	Division 13 - Special Construction			\$	87,250.00
14	Division 14 - Conveying Systems			\$	-
15	Division 15 - Mechanical			\$	8,875.00
16	Division 16 - Electrical			\$	2,570.00
				<b>Sub Total</b>	<b>\$ 105,351.00</b>
			<b>Coefficient</b>	<b>17.0%</b>	<b>\$ 17,910.00</b>
			<b>Total</b>		<b>\$ 123,261.00</b>

**DIVISION BREAKDOWN**

QUAN	CSI	Description	Unit	\$ per Unit	Total
24.0	010010	Project Manager	EA	\$ 70.00	\$ 1,680.00
40.0	010019	Superintendent	EA	\$ 55.00	\$ 2,200.00
		<b>Total - Division 1 - General Requirements</b>			<b>\$ 3,880.00</b>
1.0	020500	Coredrills at wet wells	LS	\$ 1,000.00	\$ 1,000.00
4.0	022100	Private detection	EA	\$ 150.00	\$ 600.00
		<b>Total - Division 2 - Site Construction</b>			<b>\$ 1,600.00</b>
1.0	030001	Concrete pad for Vapex unit and building	LS	\$ 676.00	\$ 676.00
		<b>Total - Division 3 - Concrete</b>			<b>\$ 676.00</b>
1.0	090000	Man hole patch - min trip charge	LS	\$ 500.00	\$ 500.00
		<b>Total - Division 9 - Finishes</b>			<b>\$ 500.00</b>
1.0	132200	V-1500 Vapex unit	LS	\$75,000.00	\$ 75,000.00
1.0	132200	Tracom fiberglass building with a/c	LS	\$ 8,500.00	\$ 8,500.00
1.0	132200	Shipping for building	LS	\$ 1,500.00	\$ 1,500.00
1.0	132200	125 cfm blower at wet wells	LS	\$ 2,250.00	\$ 2,250.00
		<b>Total - Division 13 - Special Construction</b>			<b>\$ 87,250.00</b>
1.0	154000	Piping work and water line installation	LS	\$ 8,875.00	\$ 8,875.00
		<b>Total - Division 15 - Mechanical</b>			<b>\$ 8,875.00</b>
1.0	180001	Electrical work	LS	\$ 2,570.00	\$ 2,570.00
		<b>Total - Division 16 - Electrical</b>			<b>\$ 2,570.00</b>

**EXHIBIT B  
FEE SCHEDULE (cont.)**

**AWRF Solids Storage**

01	Division 1 - General Requirements			\$	3,880.00
02	Division 2 - Site Construction			\$	600.00
03	Division 3 - Concrete			\$	1,064.00
04	Division 4 - Masonry			\$	-
05	Division 5 - Steel			\$	-
06	Division 6 - Wood & Plastics			\$	-
07	Division 7 - Therm & Moist Protection			\$	-
08	Division 8 - Doors & Windows			\$	-
09	Division 9 - Finishes			\$	-
10	Division 10 - Specialties			\$	-
11	Division 11 - Equipment			\$	-
12	Division 12 - Furnishings			\$	-
13	Division 13 - Special Construction			\$	162,000.00
14	Division 14 - Conveying Systems			\$	-
15	Division 15 - Mechanical			\$	5,200.00
16	Division 16 - Electrical			\$	7,259.00
			<b>Sub Total</b>		<b>\$180,003.00</b>
			<b>Coefficient</b>	<b>17.0%</b>	<b>\$ 30,801.00</b>
			<b>Total</b>		<b>\$ 210,604.00</b>
<b>DIVISION BREAKDOWN</b>					
<b>QUAN</b>	<b>CSI</b>	<b>Description</b>	<b>Unit</b>	<b>\$ per Unit</b>	<b>Total</b>
24.0	010010	Project Manager	EA	\$ 70.00	\$ 1,680.00
40.0	010019	Superintendent	EA	\$ 55.00	\$ 2,200.00
		<b>Total - Division 1 - General Requirements</b>			<b>\$ 3,880.00</b>
4.0	022100	Private detection	EA	\$ 150.00	\$ 600.00
		<b>Total - Division 2 - Site Construction</b>			<b>\$ 600.00</b>
1.0	030001	Concrete pad for Vapex unit and building	LS	\$1,064.00	\$ 1,064.00
		<b>Total - Division 3 - Concrete</b>			<b>\$ 1,064.00</b>
2.0	132200	V-1500 Vapex units	LS	\$ 75,000.00	\$ 150,000.00
1.0	132200	Tracom fiberglass building with a/c	LS	\$ 10,500.00	\$ 10,500.00
1.0	132200	Shipping for building	LS	\$ 1,500.00	\$ 1,500.00
		<b>Total - Division 13 - Special Construction</b>			<b>\$ 162,000.00</b>
1.0	154000	Piping work and water line installation	LS	\$ 5,200.00	\$ 5,200.00
		<b>Total - Division 15 - Mechanical</b>			<b>\$ 5,200.00</b>
1.0	180001	Electrical work	LS	\$ 7,259.00	\$ 7,259.00
		<b>Total - Division 16 - Electrical</b>			<b>\$ 7,259.00</b>



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08	Division 8 - Doors & Windows		\$	-
09	Division 9 - Finishes		\$	500.00
10	Division 10 - Specialties		\$	-
11	Division 11 - Equipment		\$	-
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13	Division 13 - Special Construction		\$	87,250.00
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		<b>Total - Division 1 - General Requirements</b>			<b>\$ 3,880.00</b>
1.0	020500	Coredrills at wet wells	LS	\$ 1,000.00	\$ 1,000.00
4.0	022100	Private detection	EA	\$ 150.00	\$ 600.00
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1.0	030001	Concrete pad for Vapex unit and building	LS	\$ 676.00	\$ 676.00
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1.0	154000	Piping work and water line installation	LS	\$ 8,875.00	\$ 8,875.00
		<b>Total - Division 15 - Mechanical</b>			<b>\$ 8,875.00</b>
1.0	160001	Electrical work	LS	\$ 2,570.00	\$ 2,570.00
		<b>Total - Division 16 - Electrical</b>			<b>\$ 2,570.00</b>

**EXHIBIT B  
FEE SCHEDULE (cont.)**

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06	Division 6 - Wood & Plastics			\$ -
07	Division 7 - Therm & Moist Protection			\$ -
08	Division 8 - Doors & Windows			\$ -
09	Division 9 - Finishes			\$ -
10	Division 10 - Specialties			\$ -
11	Division 11 - Equipment			\$ -
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13	Division 13 - Special Construction			\$ 162,000.00
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		<b>Sub Total</b>		<b>\$180,003.00</b>
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		<b>Total</b>		<b>\$ 210,604.00</b>

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		<b>Total - Division 16 - Electrical</b>			<b>\$ 7,259.00</b>