

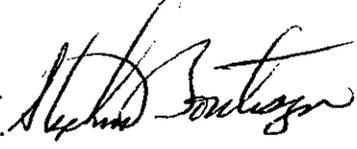
**CITY OF PEORIA, ARIZONA
VCFD BOARD COMMUNICATION**

CC: 20
Amend No. _____

Date Prepared: May 7, 2008

Council Meeting Date: May 20, 2008

TO: Terrence L. Ellis, City Manager

FROM: Stephen L. Bontrager, Utilities Director 

THROUGH: Shawn Kreuzwiesner, Engineering Manager

PREPARED BY: Joseph A. Kurrus, Senior Civil Engineer

SUBJECT: Approve Change Order No. 5 with MGC Contractors, Inc. for additional construction work on the Jomax Water Reclamation Facility Phase 2 Expansion, Capital Improvement Project VIS0014. Contract No. VCFD 06-02 LCON08006

RECOMMENDATION:

That Vistancia Community Facilities District (VCFD) Board approves the VCFD's portion of Change Order No. 5 with MGC Contractors, Inc. (MGC) for additional construction work on the Jomax Water Reclamation Facility Phase 2 Expansion for a Guaranteed Maximum Price (GMP) of \$67,866.00. Payment will be made from VCFD Series 2006 Bond Fund account 6512-6512-543003-CIPWW-VIS0014.

SUMMARY:

The Jomax Water Reclamation Facility (WRF) is located at El Mirage and Jomax roads in the Vistancia development, and provides wastewater treatment for Vistancia and surrounding area. The Vistancia Community Facilities District (VCFD) Board awarded a Construction Manager at Risk Contract with MGC for pre-construction services of the Jomax WRF Phase 2 Expansion on July 11, 2006, for \$51,022.00. Due to the joint ownership of the plant's capacity, VCFD's portion of the expense is 45 percent and the City's portion is 55 percent. Since the initial contract award, four change orders have been issued for construction services to MGC for a total amount of \$14,742,456.00.

Change Order No. 1 was approved to fund the GMP for MGC to construct the Jomax WRF Phase 2 Expansion. The amount of this change order was \$14,374,634.00. Change Order No. 2 was issued at the same time to establish the completion date for construction.

Change Orders No. 3 and No. 4 were approved in the amounts of \$114,009.00 and \$253,813.00 respectively to fund several scope changes that were necessary due to a combination of unforeseen conditions, changes required by permit reviews, and owner directed changes. As part of these change orders, time extensions were granted to allow for the completion of the work.

Additional changes have been identified at this time due to unforeseen conditions and owner directed changes. The changes consist of site work, architectural, electrical, and mechanical systems modifications. The amount needed to fund these changes is \$150,814.00; Vistancia's portion of the change order is \$67,866.00. In order to complete these modifications, the completion date will be extended 30 days from March 25, 2008 to April 24, 2008. The following table summarizes the proposed contract funding.

Item	Amount	VCFD Share	Peoria Share	Completion Date
Preconstruction Services	51,022	22,960	28,062	
Change Order No. 1 and No. 2	14,374,634	6,468,585	7,906,049	1/22/08
Change Order No. 3	114,009	51,304	62,705	2/27/08
Change Order No. 4	253,813	155,735	98,078	3/25/08
Change Order No. 5	150,814	67,866	82,948	4/24/08
Total	\$14,944,292	\$6,766,450	\$8,177,842	

At this time staff anticipates that Change Order No. 6 will be awarded to address the final project completion which will not increase project funding. Final completion is expected to occur on May 22, 2008.

ATTACHMENT(s):

1. Exhibit "A" – Jomax WRF Expansion Phase 2, Change Order No. 5
2. Exhibit "B"- Area Map

CITY CLERK USE ONLY:

- Consent Agenda
- Carry Over to Date: _____
- Approved
- Unfinished Business (Date heard previous: _____)
- New Business

ORD. # _____ RES. # _____
 LCON# 170066 LIC. # _____
 Action Date: _____

**VISTANCIA COMMUNITY FACILITIES DISTRICT
JOMAX WATER RECLAMATION FACILITY PHASE 2 EXPANSION
PROJECT NO. VCFD08-02
"EXHIBIT A" PROPOSED CHANGE ORDER NO. 5**

WCD NO.	RFCOP NO.	SUBJECT	REVIEWER	WCD Time (days)	Revised Date	WCD AMOUNT	VCFD Share	Perms Share	BASIS	DESCRIPTION
17		Credit Solids Building Restroom	LJ	0	n/a	\$ (17,899.00)	\$ (8,014.05)	\$ (9,794.95)	City Requested Change	The cost returned by the Contractor to not install the restroom. City's existing restroom trailer will be have utility connections.
32		Owner's Contingency	AEP	8	4/2/08	\$ (1,276.00)	\$ (574.20)	\$ (701.80)	Contingency	Owner's contingency for the project.
41		Headworks's Roof Changes 90 to 100%	LJ	0	n/a	\$ 26,569.00	\$ 11,956.05	\$ 14,612.95	Design Change (90% to 100%)	Roof requirements that were not detailed on the 90% construction plans.
48		MCC 12 & MCC 14 VFD Relocation	LJ	0	n/a	\$ 4,059.00	\$ 1,826.55	\$ 2,232.45	City Requested Change	Additional work required to locate the IMLR Pump VFD in MCC 14 and allow for FPS #1 VFD to remain in MCC 12.
50		Repair Solids Building Fire Alarm Conduit	LJ	3	4/5/08	\$ 3,624.00	\$ 1,630.80	\$ 1,993.20	Unforeseen Condition	Additional work required to repair an existing conduit for the fire alarm system in the Solids Building.
52		Credit for Existing Flow Meter	LJ	0	n/a	\$ (3,058.00)	\$ (1,376.10)	\$ (1,681.90)	City Requested Change	The influent flow meter was damaged during construction. Instead of replacing it a credit was requested.
53		Add Power for Basin Cranes	LJ	0	n/a	\$ 3,348.00	\$ 1,505.25	\$ 1,842.75	Design Change	Add conduit and electrical outlets for cranes at Aeration Basin 2A.
54		Change to 6-pole Disconnect for Centrifuge Main Drive	LJ	0	n/a	\$ 19,030.00	\$ 8,563.50	\$ 10,466.50	Design Change	Centrifuge Main Drive requires a 6-pole disconnect switch instead of the 3-pole disconnect switch.
55		Relocate the LCP for the Centrifuge	LJ	0	n/a	\$ 3,777.00	\$ 1,699.65	\$ 2,077.35	Contractor Requested	Location was changed for the Control Panel of the Centrifuge. Needs to be installed in the location shown within the construction plans.
56		Move Blower Air Diffusers from Basin 1A to 2A	LJ	3	4/8/08	\$ 10,225.00	\$ 4,601.25	\$ 5,623.75	City Requested Change	Blower Air piping modifications were required to maintain purge air and allow construction to proceed.
57		Permanent Power to Aeration Valve	LJ	3	4/11/08	\$ 8,398.00	\$ 3,779.10	\$ 4,618.90	City Requested Change	Install conduit and wire to the Aeration Basin automated valves.
59		Additional Light Fixtures in Headworks Building	LJ	0	n/a	\$ 15,431.00	\$ 6,943.95	\$ 8,487.05	Design Change (90% to 100%)	Lighting plan modifications were made between the 90% to 100% design adding additional lights.
60		Centrifuge Breaker Changes	LJ	0	n/a	\$ 3,223.00	\$ 1,450.35	\$ 1,772.65	Design Change	Electrical breaker sizes modified to match the manufacturers equipment.
62		Solids Building Electrical Renour	LJ	0	n/a	\$ 2,576.00	\$ 1,159.20	\$ 1,416.80	Unforeseen Condition	The conduits located in solids building wall at the location of the overhead ceiling door need to be rerouted.
63		Coatings	LJ	3	4/14/08	\$ 8,886.00	\$ 3,998.70	\$ 4,887.30	Unforeseen Condition	The RAS pump station has a large surface area where coating deamination is occurring.
65		Clarifier Stairs	LJ	0	n/a	\$ 2,914.00	\$ 1,311.30	\$ 1,602.70	Design Change	Modification of stairs at Clarifier No. 2 to match existing grade is necessary.
70		Site Grading Changes	LJ	10	4/24/08	\$ 40,000.00	\$ 18,090.00	\$ 22,000.00	Design Change	Modify the grade of road on the west side of the Blower Building for drainage.
71		Site DG	LJ	0	n/a	\$ 6,900.00	\$ 3,105.00	\$ 3,795.00	Design Change	Add decomposed granite around Headworks Building and Aeration Basin Splitter Structure to match existing.
72		Site Potable Water	LJ	0	n/a	\$ 4,000.00	\$ 1,800.00	\$ 2,200.00	City Requested Change	Potable water needs for construction purposes from August 07 thru completion. Plant water is not available as planned.
73		Additional C of O requirements through Building Safety Inspections	LJ	0	n/a	\$ 10,000.00	\$ 4,500.00	\$ 5,500.00	Unforeseen Condition	During final inspection of buildings, the Contractor may be required to meet additional building inspection requirements.
TOTAL						\$ 150,814.00	\$ 67,866.30	\$ 82,947.70		

Vistancia CFD	CONTRACT AMENDMENT Change Order		VCFD/Materials Management Procurement 8314 W. Cinnabar St. Peoria, AZ 85345 Telephone: (623) 773-7115 Fax: (623) 773-7118 Buyer: Jennifer Miller
	Solicitation No.: VCFD06-02	Page 1 of 1	
Amendment No.: Five (5)		Date: May 8, 2008	

Project No.: _____ Agreement Date: _____
 Final Completion Date: March 25, 2008

Project Description: Jomax WRF Phase II Expansion

The changes as shown on the attached sheet are hereby made to the contract.

Contract Price Change:

Original contract price	\$51,022.00
Total of previous change orders	\$14,742,456.00
Original contract price plus previous change order(s)	\$14,793,478.00
The contract price due to this change order will be increased by	\$150,814.00
The new contract price including this change order will be	\$14,944,292.00

Contract Time Change:

Additional 30 days added for this work. Final completion date is April 24, 2008

Contractor hereby acknowledges receipt and agreement. A signed copy shall be filed with the City of Peoria, Materials Management Division.

			MGC Contractor's	
Signature	Date	Typed Name and Title	Company Name	
4110 E. Elwood		Phoenix	AZ	85050
Address		City	State	Zip Code

Attested by:

Mary Jo Kief, District Clerk

Joe Kurrus, Project Manager

Buyer: Jennifer Miller, Contract Officer

Approved by: Herman F. Koebergen, Materials Manager

Approved as to Form: Stephen M. Kemp, District Counsel

The above referenced Contract Amendment is hereby Executed
 _____, _____, at Peoria, Arizona.

Terrence L. Ellis, District Manager

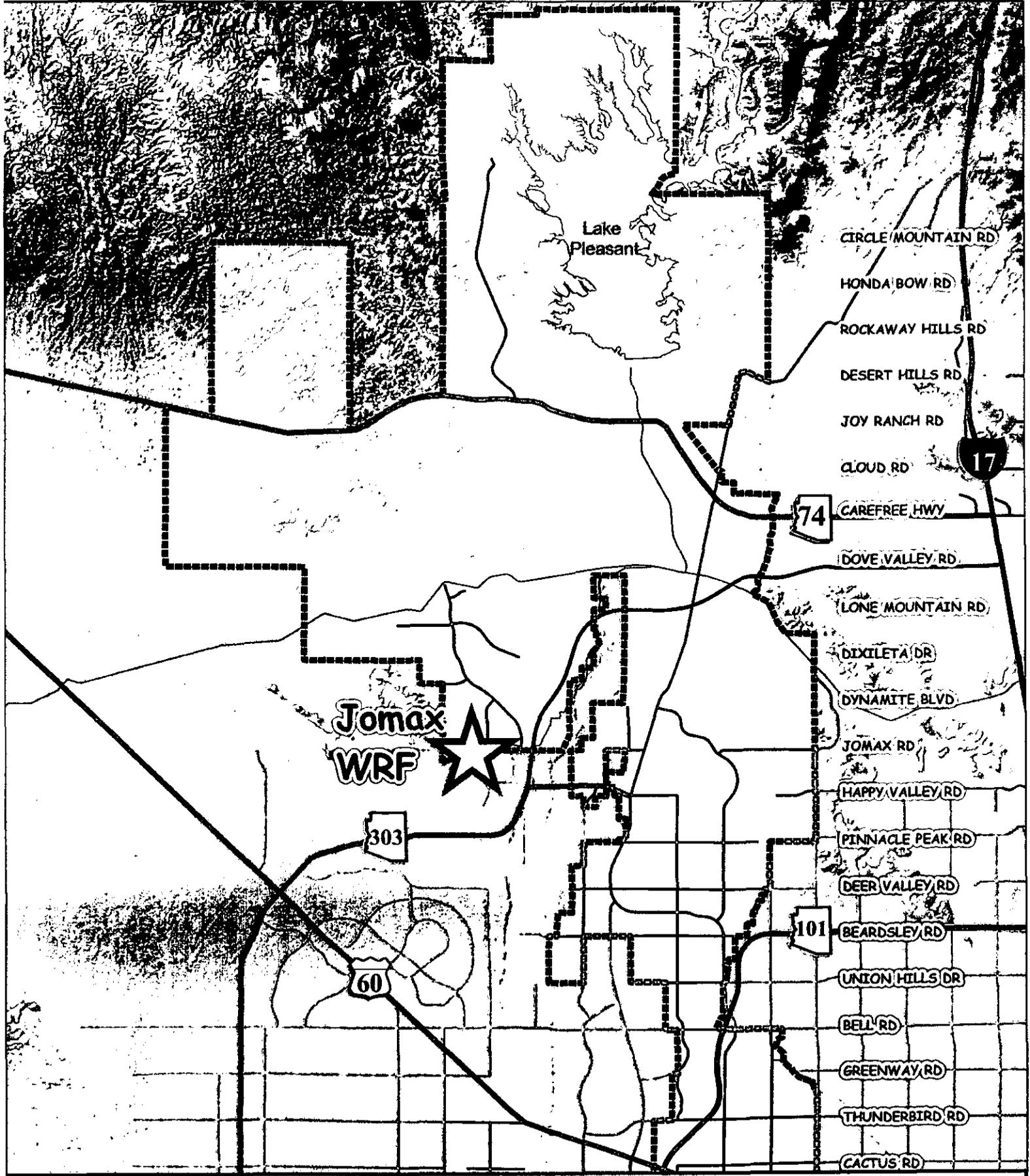
City Seal

Official File

CC Number

LCON 08006 E

Contract Number:



City of Peoria
 Utilities Department
 Engineering Division
 Geographic Information System



Exhibit B - Area Map
Jomax Water Reclamation
Facility Phase 2 Expansion