



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. CP13-124**

1. Agenda Item Number:
17

2. Council Meeting Date:
January 24, 2013

TO: MAYOR & COUNCIL

3. Date Prepared: January 16, 2013

THROUGH: CITY MANAGER

4. Requesting Department: Municipal Utilities

5. SUBJECT: Approval of contract for "blower" repair, relocation and replacement at the Ocotillo Water Reclamation Facility (OWRF).

6. RECOMMENDATION: Staff recommends Council approve a contract with MGC, designated Project No. WW1310-401, in an amount not to exceed \$3,100,000 for the repair and relocation of two blowers situated at the Airport Water Reclamation Facility (AWRF) to the Ocotillo Water Reclamation Facility (OWRF) to replace blowers that failed at the OWRF.

7. HISTORICAL BACKGROUND / DISCUSSION: Blowlers at the OWRF have failed. Blowlers provide oxygen necessary to the biological process for treatment of wastewater at the facility. Providing oxygen in the treatment process is critical to maintaining regulatory water quality compliance.

Staff is in discussion with HSI, the blower manufacturer, regarding a permanent solution that would replace the current blowlers with a more reliable model. Currently, portable diesel air compressors are being used to provide oxygen, but they are not able to reliably supply adequate oxygen to treat the incoming wastewater at the facility's design flows. Because the OWRF's effluent water quality is at risk of being found noncompliant with the Maricopa County blower redundancy requirement, the City Manager has authorized an emergency procurement in accordance with City Codes Sec. 3-13.3.

Two blowlers at the AWRF are scheduled to be replaced in a current project. The City desires to undertake Project No. WW1310-401 and contract with MGC to repair the two blowlers and relocate and install them at the OWRF at a cost not to exceed \$2,200,000 as replacements for the OWRF's failed blowlers. Air compressor rental and diesel fuel to run four air compressors will cost an additional \$900,000 for three months until the project can be completed. The total project cost will not exceed \$3,100,000.

8. EVALUATION PROCESS: In discussions with the contractor, staff estimated up to three months for project completion.

9. FINANCIAL IMPLICATIONS:

Fund Source:

Cost: \$3,100,000
Savings: N/A
Long Term Costs: N/A

Funding Source:

<u>Acct No.:</u>	<u>Fund:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Funds:</u>
615.3970.5219.0000	Wastewater Operating	Other Professional Services	No	\$ 700,000
611.3910.6814.6WW621	Wastewater Bond	Ocotillo Water Reclamation Facility Rehab	Yes	\$2,400,000

10. PROPOSED MOTION: Move that Council approve a contract with MGC for "blower" repair, relocation and replacement at the Ocotillo Water Reclamation Facility, as Project No. WW1310-401, in an amount not to exceed \$3,100,000.

ATTACHMENTS: Location Map

APPROVALS

11. Requesting Department



Kim Neill, Utilities Operations Manager

12. Transportation & Development



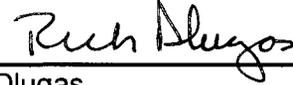
Bob Fortier, Capital Projects Manager

13. Department Head



Dave Siegel, Municipal Utilities Director

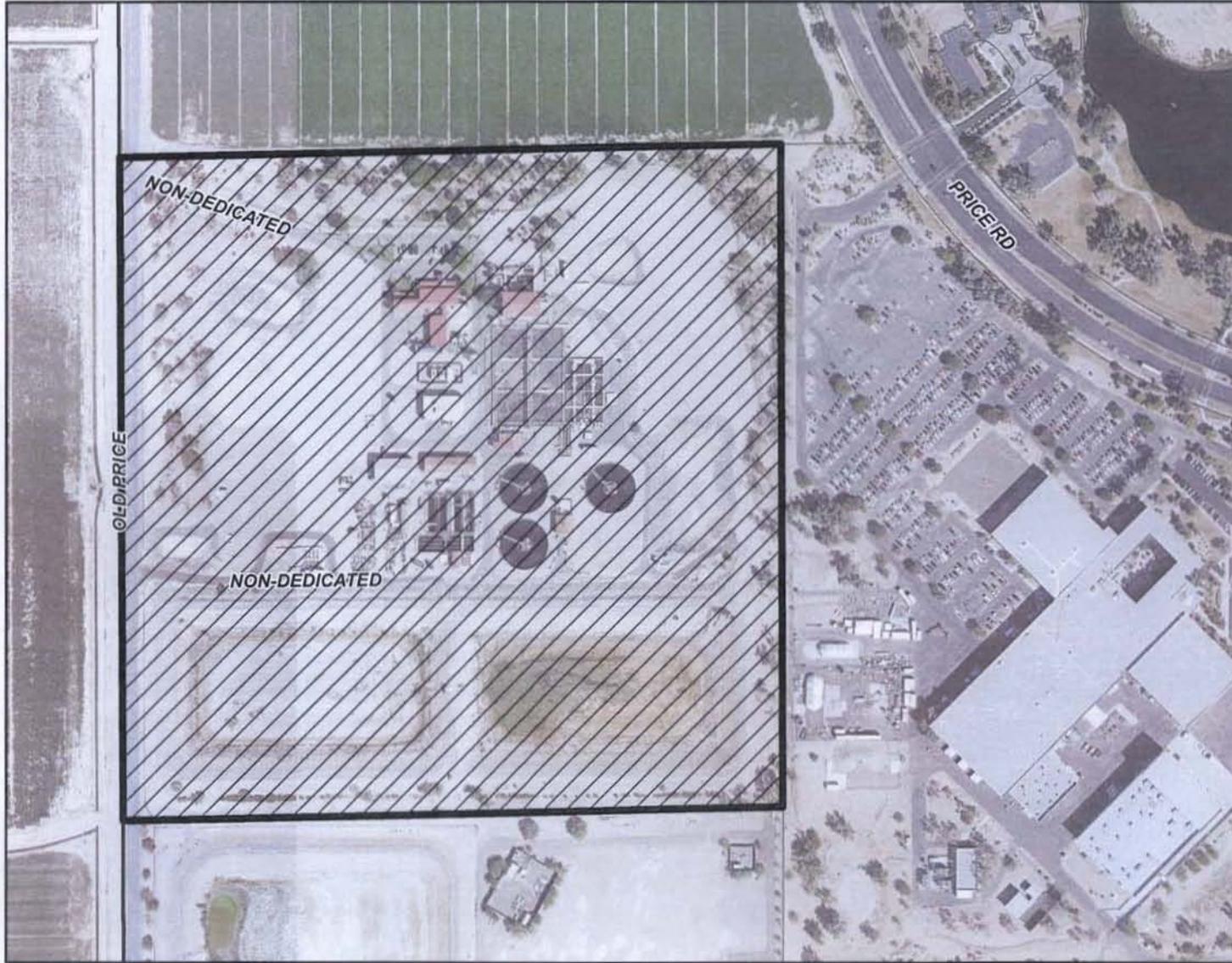
14. City Manager



Rich Dlugas



EMERGENCY WORK FOR OCOTILLO WATER RECLAMATION FACILITY PROJECT NO. WW1310-401



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 OCOTILLO WATER

