



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. CP15-130**

1. Agenda Item Number:

30

2. Council Meeting Date:
January 22, 2015

TO: MAYOR & COUNCIL

3. Date Prepared: January 7, 2015

THROUGH: CITY MANAGER

4. Requesting Department: Municipal Utilities

5. SUBJECT: Construction Manager at Risk Contract to Felix Construction Company, for the Water/Wastewater Plant Control System Upgrades

6. RECOMMENDATION: Staff recommends City Council award a Construction Manager at Risk Contract to Felix Construction Company, for water/wastewater plant control system upgrades, Project No. WA1412.401, in an amount not to exceed \$1,233,244.79.

7. BACKGROUND/DISCUSSION: The Pecos Surface Water Treatment Plant, located at 1475 East Pecos Road, and the Airport Water Reclamation Facility, located at 905 East Queen Creek Road, utilizes a Distributed Control System consisting of components only manufactured and serviced by Invensys Systems, Inc., the parent company for Foxboro. Both facilities have processes that communicate through fiber optic cables to the plants' control systems. The existing equipment used for this communication is obsolete and will no longer be supported by Invensys Systems, Inc.

The project scope of work includes construction services of the water/wastewater plant control upgrades consisting of: replacement of existing obsolete equipment, the installation of the upgraded compatible equipment supported by Invensys Systems, Inc., attending project coordination meetings, preparing technical submittals, and final system functionality checks.

A Project Agreement to Carollo Engineers, Inc., Project No. WA1412.451, for construction management services, for the water/wastewater plant control system upgrades, is also scheduled for this Council meeting.

8. EVALUATION PROCESS: The selection process was followed in accordance with State law for design services. Four (4) Statements of Qualifications were received from qualified firms on July 17, 2014.

The Selection Committee reviewed the Statement of Qualifications on July 23, 2014 and ranked each firm as follows:

- (1) Felix Construction Company
- (2) K & F Electric, Inc.
- (3) Quantum Integrated Solutions, Inc.
- (4) Rosendin Electrical, Inc.

Staff recommends contract award to Felix Construction Company based on qualifications, relevant firm experience, team experience, project understanding, and project approach. The construction contract time is 410 calendar days for substantial completion, and 450 calendar days for final completion.

9. FINANCIAL IMPLICATIONS:

Cost: \$1,233,244.79
Savings: N/A
Long Term Costs: N/A

Fund Source:

<u>Account No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
601.3820.6718.6WA210	Water Bonds	Water Treatment Plant Improvements	Yes	\$ 724,566.72
611.3910.6817.6WW621	Wastewater Bonds	Water Reclamation Facility Improvements	Yes	\$ 508,678.07
Total:				\$1,233,244.79

10. PROPOSED MOTION: Move City Council award a Construction Manager at Risk Contract to Felix Construction Company, for water/wastewater plant control system upgrades, Project No. WA1412.401, in an amount not to exceed \$1,233,244.79.

ATTACHMENTS: Location Map

APPROVALS

11. Requesting Department


John Knudson, Utilities Engineering Manager

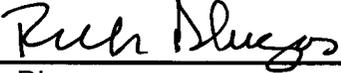
13. Department Head


Dave Siegel, Municipal Utilities Director

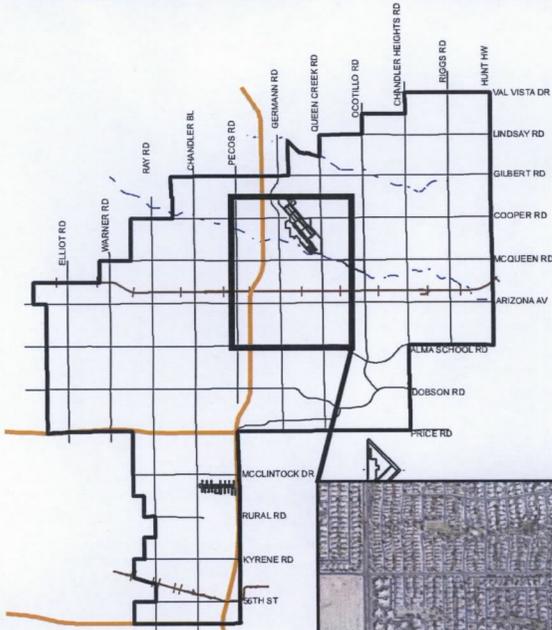
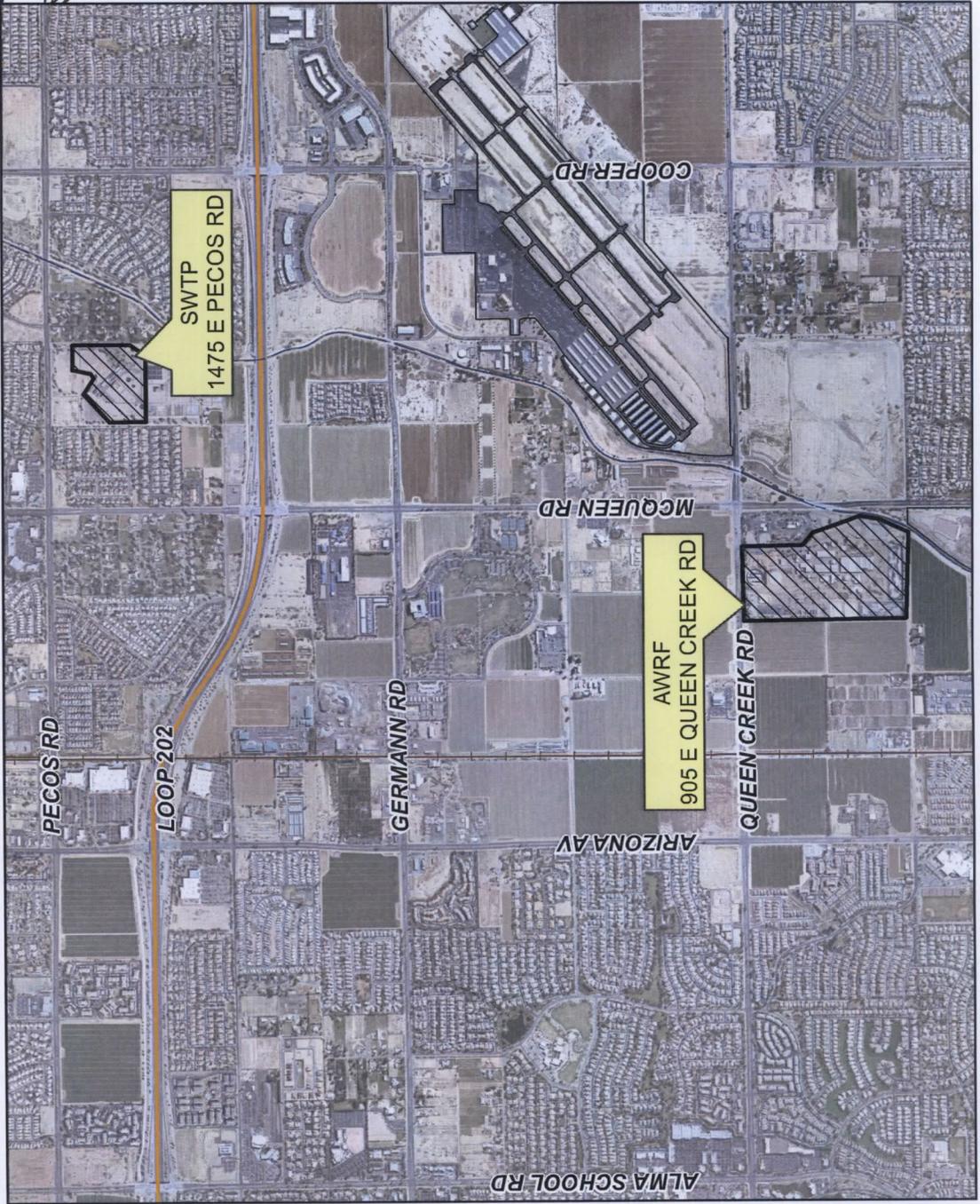
12. Transportation & Development


Bob Fortier, Capital Projects Manager

14. City Manager


Rich Dlugas

WATER / WASTEWATER PLANT CONTROL SYSTEM UPGRADES PROJECT NO. WA1412.401



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 PROJECT SITE