

**CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATIONS**

CC: 18C
Amend No. _____

Date prepared: July 27, 2009

Council Meeting Date: August 25, 2009

TO: Carl Swenson, City Manager

THROUGH: Susan K. Thorpe, Deputy City Manager *SKT*

FROM: William Mattingly, Public Works-Utilities Director *WMM*
for

PREPARED BY: Daniel Kiel, Associate Engineer *DK*

SUBJECT: 101st Avenue and Northern Lift Station Re-Conditioning – Contract Amendment No. 2 with Quest Civil Constructors

RECOMMENDATION:

Discussion and possible action to award Contract Amendment No. 2 with Quest Civil Constructors for construction of the 101st Avenue and Northern Avenue Lift Station Phase II improvements. This work will be done utilizing existing Job Order Contract (JOC) ACON25008P5, Solicitation No. P08-0047A, for the Guaranteed Maximum Price (GMP) of \$111,621 funded by Capital Improvement Project UT00116, Lift Station Reconditioning.

SUMMARY:

The 101st Avenue and Northern Avenue Lift Station collects wastewater from the portion of the City located west of the New River and south of Olive Avenue. The wastewater is pumped to the Butler Drive Influent Pump Station. The City's 2007 Wastewater Master Plan and Wastewater Operations staff recommend that this lift station be upgraded to better maintain reliable operations and to conform with current City standards.

On April 21st, 2009, Mayor and Council awarded the first phase of construction for this project to Quest Civil Constructors. The project was broken into two construction phases to match the fiscal year funding for the project. Phase I utilized FY09 funding and included pump modifications, addition of an emergency generator, and expansion of the site wall. Phase II will utilize existing FY10 budget to add an odor control unit, a magnetic flow meter for flow monitoring that will be tied into the City's SCADA (Supervisory Control and Data Acquisition) system, and some minor electrical and site enhancements that will improve reliability and site security. The following table summarizes the contract by phase and cost:

CITY CLERK USE ONLY:

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

ORD. # _____ RES. # _____
A / CON# 25008P5 LIC. # _____
Action Date: _____

PHASE	SCOPE	SCHEDULE	COST
Design	Design	May - 2009	\$145,888
1	Contract Amendment #1 - Phase One Construction	May to Nov. - 2009	\$430,000
2	Contract Amendment #2 - Phase Two Construction	FY10	\$111,621

Project Total: \$687,509

FISCAL NOTE:

Payment in the amount of \$111,621 will be made from Wastewater Utility account 2400-2550-543003-CIPWW-UT00116.

ATTACHMENTS:

Attachment A: Contract Amendment Form
Attachment B: Quest Phase II Proposal



CONTRACT AMENDMENT Change Order

Solicitation No. P08-0047A P5 Page 1 of 1

**Materials Management
Procurement**
8314 W. Cinnabar Ave.
Peoria, AZ 85345
Telephone: (623) 773-7115
Fax: (623) 773-7118

Amendment No. Two (2) Date: July 27, 2009

Buyer: Lisa Houg

Project No.: UT00116 Agreement Date: 6/21/08
Project Description: 101 & Northern Re-Condition Lift Station Completion Date: December 31, 2009
Change Order Type: Owner Initiated Errors & Omissions Unknown Conditions Phased Award

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

Contract Price Change:

Original Contract Price:	\$145,888.00
Total of previous change orders:	\$430,000.00
Original contract price plus previous change order(s):	\$575,888.00
The contract price due to this change order will be increased by:	\$111,621.00
The new contract price including this change order will be:	\$687,509.00

Contract Time Change:

The contract time will be increased by 90 days
The new date for completion of all work will be: December 31, 2009

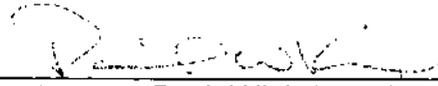
Contractor hereby acknowledges receipt and agreement. A signed copy shall be filed with the City of Peoria, Materials Management Division.

 8-06-09 NICK MASON PROJECT LEADER Quest Civil Contractors Inc.
Signature Date Typed Name and Title Company Name

1903 W. Parkside Lane, Suite 100 Phoenix Arizona 85027
Address City State Zip Code

Attested By:

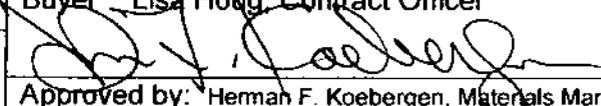
Mary Jo Kief, City Clerk

 8/16/09
Department Daniel Kiel, Associate Engineer

18C-8/25/09
CC Number


Buyer Lisa Houg, Contract Officer

ACON25008P5B


Approved by: Herman F. Koebergen, Materials Manager

Contract Number

Approved as to Form: Stephen M. Kemp, City Attorney
The above referenced Contract Amendment is hereby Executed
_____, _____, at Peoria, Arizona

City Seal

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(Rev 01/05/09)

Official File

Carl Swenson, City Manager

Attachment B: Quest Phase II Proposal

Job Order Proposal

Project No. UT00116

Contract No. P08 0047

Job: 101st AVE and Northern AVE Lift Station Improvements – Phase II

SCOPE OF THE WORK

Description: Phase II of City of Peoria Project No. UT00116 – 101st AVE and Northern AVE Lift Station Improvements

- 1 LS General Conditions
- 1 LS 1 EA. – 8" Magnetic Flow Meter
- 1 LS 1 EA. – 12" Eccentric Plug Valve
- 1 LS 1 EA. – Shelf Spare Submersible Pump to Match Installed
- 1 LS Sunshade to Cover Electrical Equipment Pad
- 1 LS 1 EA – 420 CFM Odor Scrubber, Concrete Pad, Piping, Wetwell Penetrations
- 1 LS Electrical Modifications –Includes the Wiring and Terminations for the 8" Flow Meter and Odor Scrubber, 25 Kva transformer, 24 Circuit Panel
- 1 LS Site Improvements – Spread 55 Tons of ¼" Minus Decomposed Granite at Entrance of Site, Spread 20 Tons of Asphalt Millings at Roadway Entrance, Install (2) Bollards at Culvert Outfall
- 1 LS Paint Interior of New and Existing Block Wall
- 1 LS Allowance – Construction Contingency

PROJECT DOCUMENTS

City of Peoria Standard Details

MAG Standard Specifications

MAG Standard Details

*Plans and Specifications for the Project – (Conceptual)

ASSUMPTIONS, CLARIFICATIONS, & EXCLUSIONS

1. Inspection Costs –Any costs for inspections are excluded.
2. Permit fees will be paid by the City of Peoria.
3. Construction Contingency – An allowance for Construction Contingency is available for the City of Peoria and Quest Civil Constructors for additions to the scope or to cover possible material shortages and associated cost increases resulting from material price spikes, delays, under/overruns of quantities, and/or decreased efficiencies. If the Construction Contingency is used during the project, Quest reserves the right to Mark Up the work in accordance with our Job Order Contract.
4. Hard Dig – Proposal excludes any rock excavation requiring blasting and/or hydraulic breakers of any kind.
5. Material Testing – All materials testing will be provided by the City of Peoria at no cost to the Contractor.
6. Security Improvements – No costs are included for security improvements.
7. Odor Control Unit includes a 420 CFM carbon odor scrubber, 25 KVA transformer, and circuit panel. No costs have been included for a TVSS.
8. Variable Message Boards – Proposal does not include the costs of Variable Message Boards.
9. Public Information – Proposal does not include the costs of Public Information.
10. Delivery Lead time for Odor Scrubber is estimated at 6 weeks after approved submittals.
11. Inclusions and exclusions listed on the attached subcontractor and material supplier quotations are applicable to this proposal.
12. Contractor assumes there is water available on site for construction water.
13. No costs are included for programming, the City of Peoria will self perform any required programming.
14. Operation of existing valves required for construction will be done by the City of Peoria.
15. Site Security - During construction the Contractor will be responsible for security of the Contractor's equipment and the City will be responsible for security of the City's equipment. The proposal does not include any costs for additional security measures beyond fencing.
16. No costs are included for builders risk insurance.
17. Wetwell level control – The existing level control equipment are to be reused and no costs have been included for new level control equipment.
18. No costs have been included for temporary odor control during construction.

Schedule

Ninety (90) Calendar Days from an agreed upon notice to proceed will be required to complete the project. Additional time may be necessary pending approval of the Odor Scrubber from the City.

**101st Ave and Northern Ave Lift Station
Improvements - Phase 2**

Amount

Direct Cost Of The Work:

General Conditions	\$	7,256	6.81%
Paint Wall - Interior	\$	3,400	3.19%
Furnish (1) Spare Pump	\$	8,509	7.98%
Furnish (2) Spare Parts Packages	\$	2,400	2.25%
Furnish and Install Sunshade	\$	5,000	4.69%
Furnish and Install 8" Sewer Flow Meter and 12" Plug Valve	\$	10,139	9.51%
Furnish and Install Odor Control System	\$	32,058	30.07%
Site Restoration	\$	4,165	3.91%
Furnish and Install Future Conduits	\$	3,200	3.00%
Total Direct Cost Of The Work =	\$	76,127	71.40%

Indirect Cost Of The Work:

General & Administrative Expense	\$	11,942	11.20%
Job Order Contractor's Fee (Profit)	\$	10,129	9.50%
Payment and Performance Bonds	\$	1,173	1.10%
Insurance	\$	1,919	1.80%
Arizona / County / City Privilege Taxes	\$	5,331	5.00%
Total Indirect Cost Of The Work =	\$	30,494	28.60%

Total Cost Of The Work = \$106,621

Contingencies / Allowances:

Contractor's Contingency / Allowances \$ 5,000

Total Job Order Amount = \$111,621

Submitted by:



 Nick Mason

07/29/09

Date