

**CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATIONS**

CC: 11C
Amend No. _____

Date prepared: March 18, 2009

Council Meeting Date: April 21, 2009

TO: Carl Swenson, City Manager

FROM: Stephen L. Bontrager, Utilities Director 

THROUGH: Shawn Kreuzwiesner, Utilities Engineering Manager 

PREPARED BY: Daniel Kiel, Associate Engineer DWK

SUBJECT: Approve Contract Amendment No. 1 with Quest Civil Constructors

RECOMMENDATION:

Discussion and possible action to approve Contract Amendment No. 1 with Quest Civil Constructors for construction of the 101st Avenue and Northern Avenue Lift Station improvements. This work will be done utilizing existing Job Order Contract (JOC), Solicitation No. P08-0047A, for the Guaranteed Maximum Price (GMP) of \$430,000, 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 recommends that this lift station be upgraded to better maintain reliable operations and to conform with current City standards. These upgrades include the installation of a generator for emergency power needs, modernization of the existing pumps and electrical equipment, and an expansion of the site to accommodate the new improvements.

On June 17th, 2008, the City awarded the design phase of a Design-Build contract to Quest Civil Constructors. They have completed the design and have provided the City with a cost proposal for construction of these improvements. The project will be broken into two phases to complete the necessary improvements. The first phase will be funded with the existing FY09 budget and will include the pump modifications and emergency generator. Phase two will be completed using FY10 funding and will include

CITY CLERK USE ONLY:

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

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

ALON25008P5A

the addition of an odor control unit, a magnetic meter for flow monitoring, and some minor electrical and site enhancements that will improve reliability. Staff will return to Mayor and Council for the approval of phase two in the future. The following table summarizes the contract by phase and cost:

PHASE	SCOPE	SCHEDULE	COST
Design	Design	May - 2009	\$148,888
1	Contract Amendment #1 - Phase One Construction	May to Nov. - 2009	\$430,000
2	Contract Amendment #2 - Phase Two Construction	FY10	\$120,000

Project Total: \$698,888

FISCAL NOTE:

Payment in the amount of \$430,000 will be made from Wastewater Utility account 2400-2550-543003-CIPWW-UT00116.

ATTACHMENTS:

Attachment A: Contract Amendment Form
Attachment B: Quest Proposal



CONTRACT AMENDMENT Change Order

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

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

Amendment No. One (1) Date: March 25, 2009

Buyer: Peggy Ferrin

Project No.: UT00116 Agreement Date: 6/21/08
Project Description: 101 & Northern Re-Condition Lift Station Completion Date: October 2, 2009
Change Order Type: Owner Initiated Errors & Omissions Unknown Conditions Phased Award

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

Contract Price Change:

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

Contract Time Change:

The contract time will be increased by 150 days
The new date for completion of all work will be: October 2, 2009

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

Signature:  Date: 3-30-09 Typed Name and Title: NICK MASON / PROJECT LEADER Company Name: Quest Civil Contractors Inc.
 Address: 1903 W. Parkside Lane, Suite 100 City: Phoenix State: Arizona Zip Code: 85027

Attested By:

Mary Jo Kief, City Clerk

11C 4/21/09
CC Number

ACON25008P5A

Contract Number


 Department: Utilities
 Buyer: Peggy Ferrin
 Approved by: Herman F. Koebergen, Materials Manager
 Approved as to Form: Stephen M. Kemp, City Attorney
 The above referenced Contract Amendment is hereby Executed
 _____, at Peoria, Arizona
Carl Swenson, City Manager

Official File



CIVIL CONSTRUCTORS
FABRICATORS
CONSTRUCTION MANAGERS

March 23, 2009

Attachment "B"

Mr. Daniel Kiel
Project Manager
City of Peoria Utilities Department
8401 West Monroe Street
Phoenix, AZ 85345

RE: 101st Ave. and Northern Ave. Lift Station Improvements – Phase 1
Guaranteed Maximum Price Proposal (GMP)

Dear Mr. Kiel:

In accordance with Job Order Contract No. P08-0047 Quest Civil Constructors, Inc. (Quest) proposes to construct the 101st Ave. and Northern Ave. Lift Station Improvements – Phase 1 Project for the Guaranteed Maximum Price of \$430,000. The proposal amount is based on the attached documents, Exhibit A - GMP Scope Proposal Form, Cost of Work Breakdown, and 60% Plans. The documents are to become an integral part of the job order agreement.

The duration of construction required to complete the project is one hundred and fifty (150) Calendar Days from an agreed upon Notice to Proceed Date. The duration does not account for any time required by the Engineer for Procurement of the Maricopa County Approval of Construction.

Based on our understanding of the scope of work, the following will be provided by The City of Peoria:

- Material Testing
- Public Information and Coordination
- All permits except Maricopa County Dust Control and City of Peoria Engineering R.O.W. Permit

We appreciate the opportunity to complete this project. Our proposal is valid for sixty (60) days.

Sincerely,

QUEST CIVIL CONSTRUCTORS, INC.



Nick Mason

Enclosed

Exhibit A – G.M.P Proposal

Job Order Proposal No. 06

Project No. UT00116

Contract No. P08 0047

Job: 101st AVE and Northern AVE Lift Station Improvements

SCOPE OF THE WORK

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

- 1 LS General Conditions
- 1 LS Demolition and Removals - Existing Block Wall, Wet Well Top, Pumps, Above Ground Piping Before Bypass Port
- 1 LS Sewage Bypassing – 2 Weeks Total
- 1 LS 2 EA. - 1400 GMP Submersible Pumps and Vertical Piping
- 1 LS Precast Top and Hatch for Wet Well
- 1 LS Concrete Pad for Generator
- 1 LS 106' of Block Wall matching the existing height
- 1 LS Manual Swing Gate per City of Peoria Standard Detail PE-102
- 1 LS Coatings – New Pump Discharge Piping and Perimeter Block Wall
- 1 LS Electrical Modifications – Refer to Weekly Electric Quotation for Inclusions and Exclusions (The wiring for the 8" flowmeter, wiring for the SRP meter, 25 Kva transformer, 24 Circuit Panel and hook up of the odor control unit have been removed from scope and price.)
- 1 LS 80KW Diesel Generator
- 1 LS Furnish and Install New 8" Above Ground Piping and Valves from Pump Discharge to Bypass Port
- 1 LS Backfill Approximately 60' of Unprotected Drainage Ditch and install 24" CMP
- 1 LS Traffic Control
- 1 LS Site Restoration
- 1 LS Engineering Services for Construction
- 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)

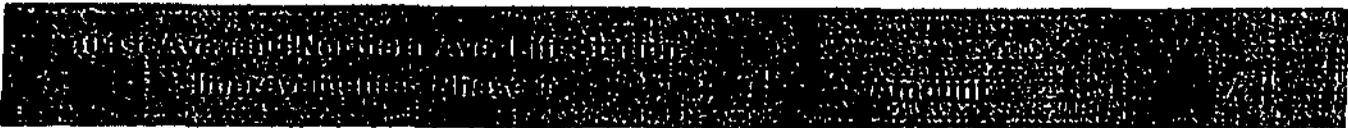
ASSUMPTIONS, CLARIFICATIONS, & EXCLUSIONS

1. **Inspection Costs** – Proposal includes costs for Inspection Services from DSWA, any costs for inspections from other parties 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. **Asbestos/Lead Testing** – We have included \$840.00 dollars to verify that the wall does not contain asbestos or lead materials as required by the ADEQ. If either is found to be present in the demolished materials there will be additional costs for a NESHAP permit and abatement of those materials.
6. **Material Testing** – All materials testing will be provided by the City of Peoria at no cost to the Contractor.
7. **Security Improvements** – No costs are included for security improvements.
8. **Electrical Costs** are based on using much of the existing electrical gear. Reference the attached quotation and scope from Weekly Electric Company for additional clarifications.
9. **Variable Message Boards** – Proposal does not include the costs of Variable Message Boards.
10. **Public Information** – Proposal does not include the costs of Public Information.
11. **Standby Generator** – Proposal is based on the costs of the SD080 model generator manufactured by Generac, changes to model or manufacturer may impact costs.
12. **Construction Lead time for Pumps and Generator** is estimated at 12 weeks after approved submittals.
13. **Inclusions and exclusions listed on the attached subcontractor and material supplier quotations** are applicable to this proposal.
14. **Contractor assumes there is water available on site for construction water.**
15. **No costs are included for programming, the City of Peoria will self perform any required programming.**
16. **Operation of existing valves required for construction will be done by the City of Peoria.**
17. **Coatings** – All above ground piping will be coated and minor wetwell coating touch-ups repair will be performed. Costs are not included for coating the wetwell beyond minor touch-ups, electrical gear, or any recoating of the factory coated generator.
18. **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.
19. **No costs are included for builders risk insurance.**
20. **No costs are included in the proposal for variable frequency drives, or spare pumps.**
21. **Construction Engineering Services** – The scope and costs for Engineering Services during Construction are included in the attached quote from DSWA.

22. The following are specifically not included in the scope: 8" flowmeter, wetwell wash system, odor control system, spare pump parts, spare pump, relocation of the existing SRP flowmeter, sunshade and electrical equipment.
23. Wetwell level control – The existing level control equipment are to be reused and no costs have been included for new level control equipment.
24. No costs have been included for odor control during construction.

Schedule

One Hundred and Fifty (150) 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 pumps, approval of the generator and easement acquisition for the site from the City.



Direct Cost Of The Work:

Material	\$	116,049	26.97%
Labor	\$	48,911	11.37%
Equipment	\$	27,348	6.36%
Other Costs	\$	17,952	4.17%
Subcontractors	\$	99,148	23.04%
Total Direct Cost Of The Work =	\$	309,408	71.90%

Indirect Cost Of The Work:

General & Administrative Expense	\$	48,197	11.20%
Job Order Contractor's Fee (Profit)	\$	38,730	9.00%
Payment and Performance Bonds	\$	4,734	1.10%
Insurance	\$	7,746	1.80%
Arizona / County / City Privilege Taxes	\$	21,517	5.00%
Total Indirect Cost Of The Work =	\$	120,924	28.10%

Total Cost Of The Work = **[REDACTED]**

Contingencies / Allowances:

Contractor's Contingency / Allowances	\$	5,000
Deduct - Contractor's Fee	\$	(5,332)

Total Job Order Amount = **[REDACTED]**

Submitted by:



Nick Mason

03/23/09

Date