

**CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATION**

CC 22C
Amend No _____

Date Prepared May 30, 2008

Council Meeting Date June 17, 2008

TO Terrence L. Ellis, City Manager

FROM Stephen L. Bontrager, Utilities Director *Stephen L. Bontrager*

THROUGH Shawn Kreuzwiesner, Utilities Engineering Manager *(SK)*

PREPARED BY Daniel Kiel, Associate Engineer *JK for Daniel Kiel*

SUBJECT Authorize the expenditure of funds utilizing an existing Job Order Contract with Quest Ventures Inc for design services on the 101st and Northern Avenues Lift Station Re-Conditioning, Capital Improvement Project UT00116

RECOMMENDATION

That Mayor and Council authorize the expenditure of funds utilizing Job Order Contract P08-0047 with Quest Ventures Incorporated for design phase services to upgrade the existing lift station located on 101st Avenue and Northern Avenue for a Guaranteed Maximum Price (GMP) amount of \$145,888. Payment will be made from Wastewater Utility account 2400-2550-543003-CIPWW-UT00116

SUMMARY

The 101st Avenue and Northern Avenue Lift Station collects wastewater from the southwest portion of the City located west of the New River and pumps it 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. These upgrades include the installation of a back up generator for emergency power needs, modernization of the existing pumps and electrical equipment, and expansion of the site to accommodate the new improvements.

Staff recommends that Mayor and Council approve the use of an existing Job Order Contract P08-0047 with Quest Ventures Incorporated for a GMP of \$145,888 to complete the design phase for the necessary upgrades to the lift station located at 101st and Northern Avenues. Upon completion of the design phase, staff will ask Mayor and Council to award the construction phase of the project. The total budget for the design and construction to upgrade the 101st and Northern Avenues Lift Station is \$596,405.

ATTACHMENT(s)

CITY CLERK USE ONLY

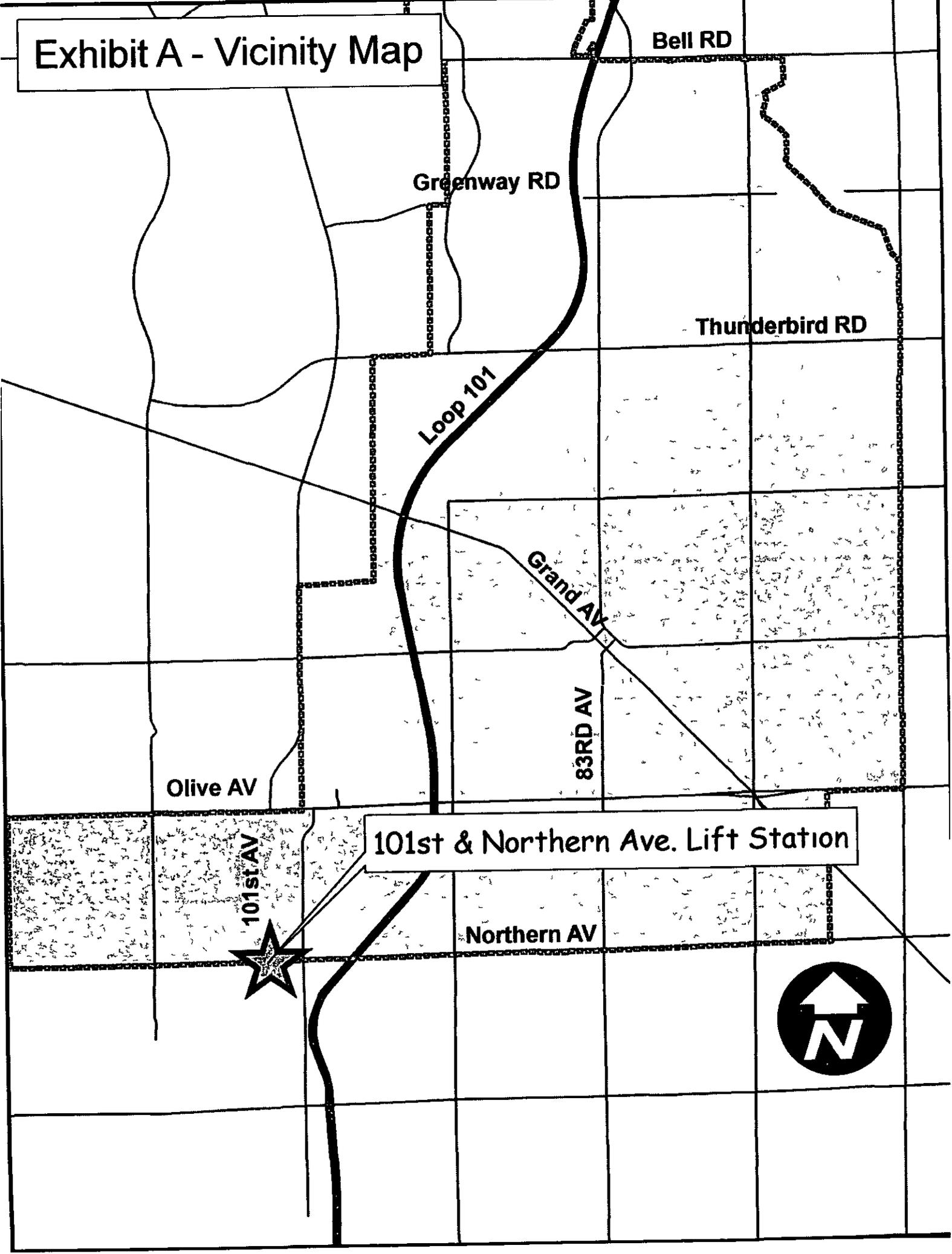
- Consent Agenda
- Carry Over to Date _____
- Approved
- Unfinished Business (Date heard previous _____)
- New Business

ORD # _____ RES # _____
 A-CON# 25008P LIC # _____
 Action Date _____

Council Communication Page 2 of 2
101st Avenue and Northern Lift Station Re-Conditioning – UT00116
May 23, 2008

Exhibit "A" – Project Map
Exhibit "B" – Project Proposal

Exhibit A - Vicinity Map



Bell RD

Greenway RD

Thunderbird RD

Loop 101

Grand AV

83RD AV

Olive AV

101st AV

101st & Northern Ave. Lift Station

Northern AV





City of Peoria, Arizona Individual Job Order Contract



Statement of Qualifications No P08-0047

Project Number ACON25008P5

Job Description Design & Preconstruction
Lift Station Improvements

Project Name 101 & Northern Re-Condition
Lift Station

Location City of Peoria, Materials Management

Contact

Peggy Ferrin

Mailing Address 8314 W Cinnabar St , Peoria, AZ 85345

Phone

(623) 773-7115

OFFER

Contractor s

License Number ROC 159057-A/ROC 179704 B04

Quest Civil Constructors Inc

Job Order Contractor Name

Authorized Signature for Offer

1903 West Parkside Lane, Suite 100

Nick Mason

Address

Printed Name

Phoenix

AZ 85027

Project leader

City

State

Zip Code

Title

(623) 581-9700

(623) 581-9710

Telephone

Facsimile

ACCEPTANCE OF OFFER AND CONTRACT AWARD (For City of Peoria Use Only)

Your offer is hereby accepted The Contractor is now bound to sell the construction services listed by the attached award notice based upon the solicitation, including all terms conditions specifications amendments etc of the contract and the Contractor s offer as accepted by the City The Contractor is hereby cautioned not to commence any billable work or provide any material service or construction under this contract until Contractor receives an executed Notice to Proceed and Purchase Order

Attested by

City of Peoria, Arizona

Mary Jo Kief City Clerk

Eff Date

Approved as to form

Stephen M Kemp City Attorney

22C061708

CC

Awarded on

ACON25008P5

Contract Number

City Seal

Official File

Terrence L. Ellis City Manager

**Exhibit B - Project
Proposal**



CIVIL CONSTRUCTORS
FABRICATORS
CONSTRUCTION MANAGERS

May 22, 2008

Mr Javier Setovich
Construction Superintendent
City of Peoria Utilities Department
8401 West Monroe Street
Phoenix, AZ 85345

RE Beardsley Road Water Reclamation Facility
Guaranteed Maximum Price Proposal (GMP)
Northern and 101 Lift Station Improvements Design Project

Dear Mr Setovich

Quest Civil Constructors, Inc (Quest) proposes to perform Design and Preconstruction Services in for the Northern and 101 Lift Station Improvements Project for the Guaranteed Maximum Price of **\$145,888 00**. The design team for the Project consists of Quest Civil Constructors and DSWA and Associates. The documents attached to this proposal, including the design scope, DSWA's pricing form and Quest's pricing form are an integral part of the Guaranteed Maximum Price agreement and include the scope of services that will be performed during design.

The proposal is submitted in accordance with Job Order Contract Agreement Attachment "A" Job Order Proposals and is valid for sixty (60) days.

Sincerely,

QUEST CIVIL CONSTRUCTORS, INC

A large, solid black rectangular redaction box covers the signature area.

Nick Mason

Enclosed

**City of Peoria - Job Order Contract
Attachment A - Northern and 101 LS Improvements Design Estimate**

Date 05/22/08

Job Order Cost Summary / Pricing Matrix	Amount	%
--	---------------	----------

Direct Cost Of The Work

Material	\$ 500	0 36%
Labor	\$ 15,312	11 02%
Equipment	\$ 3,312	2 38%
Other Costs	\$ -	0 00%
Subcontractors	\$ 83,839	60 36%
Total Direct Cost Of The Work =	\$ 102,963	74 13%

Indirect Cost Of The Work

General & Administrative Expense	\$ 15,550	11 20%
Job Order Contractor's Fee (Profit)	\$ 13,200	9 50%
Payment and Performance Bonds	\$ 1,525	1 10%
Insurance	\$ 2,495	1 80%
Arizona / County / City Privilege Taxes	\$ 3,155	2 27%
Total Indirect Cost Of The Work =	\$ 35,925	25 87%

Total Cost Of The Work = **\$ 138,888**

Contingencies / Allowances

Allowance - Public Informaion	\$ 2,000	1 44%
Allowance - Odor Control System Design	\$ 5,000	
Total Contingencies / Allowances =	\$ 7,000	

Total Job Order Amount = **\$ 145,888**



City of Peoria
101st Ave and Northern Ave Lift Station Upgrades
Pre-Construction Services



Task No	Description	COSTS			
		Project Manager	Construction Supervisor	Project Engineer	Total
Rates (Include cost of vehicle)		\$ 78	\$ 58	\$ 67	
Stage 1	Project Management During Design				
1100	Project Management and CM Plan	20		10	\$ 2,230
1200	Project Meetings				
1210	Project Kick-off Meeting	4		4	\$ 580
1220	Project Status Meetings	6		6	\$ 870
1230	Design Review Workshops	10		10	\$ 1,450
1240	Agency Coordination Meetings	4		4	\$ 580
Subtotal Stage 1 Hours and Costs		44	0	34	\$ 5,710
Stage 2	Lift Station Upgrades Design				
2100	Basis of Design				
2110	Preparation of Basis of Design Memorandum				\$ -
2120	Wetwell Evaluation			2	\$ 134
2130	Pump Evaluation			2	\$ 134
2190	Develop Construction Cost Models	5		8	\$ 926
2200	Preparation of 60% Design				
2210	General Design				\$ -
2220	Civil Design				\$ -
2230	Value Engineering	10	4	16	\$ 2,084
2235	Constructability Reviews	8		8	
2240	Structural Design (Subconsultant)				\$ -
2250	Process/Mechanical				\$ -
2260	Electrical and I&C System Design				\$ -
2270	Specifications Preparation				\$ -
2280	Quality Control Reviews and Documentation				\$ -
2290	Construction Cost Models	12		16	\$ 2,008
2295	Make Methods/Materials Recommendations	4	4	8	\$ 1,080
2300	Preparation of 90% Design				
2310	General Design				\$ -
2320	Civil Design				\$ -
2330	Structural Design (Subconsultant)				
2340	Process/Mechanical				\$ -
2350	Electrical and I&C System Design				\$ -
2360	Specifications Preparation				\$ -
2370	Quality Control Reviews and Documentation				\$ -
2390	Construction Cost Models	16		24	\$ 2,856
2395	Construction Schedule Development	5		10	\$ 1,060
2400	Detailed Design (100 Percent)				



City of Peoria
101st Ave and Northern Ave. Lift Station Upgrades
Pre-Construction Services



Task No	Description	COSTS			
		Project Manager	Construction Supervisor	Project Engineer	Total
2410	Final Plans and Specifications Submittal				\$ -
2490	Prepare and Review GMP with City and DSWA	16		8	\$ 1,784
2495	Identify Major Subcontractors/Suppliers	4		8	\$ 848
Subtotal Stage 2 Hours and Costs		80	8	110	\$ 12,914
Stage 3	Lift Station Upgrades Construction Admin				
3100	Engineering Services During Construction				\$ -
3200	Engineering Services After Construction				\$ -
Subtotal Stage 3 Hours and Costs		0	0	0	\$ -
Subtotal Stages 1 through 3 Costs		124	8	144	\$ 18,624
Other Direct Costs					
1	Reproduction Printing And Photos				\$ 500
2	Delivery Services (Mail, Courier, etc)				
3	Mileage & Travel				
4	Allowance - Public Participation				\$ 2,000
Subtotal Other Direct Costs					\$ 2,500
Subconsultants¹					
S-1	Geotechnical				
S-2	Utility Locating During Design				
S-3	Structural Design				
S-4	Survey				
S-5	Electrical				\$ 2,500
Subtotal Subconsultants					\$ 2,500
Total Costs with Allowances					\$ 23,624



Task No	Description													COSTS		
		Civil/Environ				Electrical		CA/CM		ACAD		Adm	Total	Direct	Total	
		E-7	E-6	E-5	E-4	E-6	E-3	E-6	E-4	D-4	D-2					
		Prin	PM	Sen Eng	Proj Eng	Stf Eng	EE	Etech	RE	Insp	Dsgn	Tech				
2	Delivery Services (Mail, Courier etc)														\$	200
3	Mileage & Travel														\$	500
Subtotal Other Direct Costs															\$	950
Subconsultants¹																
S-1	Geotechnical														\$	2 500
S 2	Utility Locating During Design														\$	1 000
S 3	Structural Design														\$	5 000
S-4	Survey														\$	2 000
Subtotal Subconsultants															\$	10 500
Total Costs with Allowances															\$	78,829