

**CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATION**

cc: 17C
Amend No. _____

Date Prepared: August 4, 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 *for [signature]*
PREPARED BY: Joe Kurrus, Utilities Engineering Supervisor *JAK*
SUBJECT: Northern and 95th Avenues Trunk Sewer Repairs Section C –
Contract Amendment No. 1 with Pierson Construction

RECOMMENDATION:

Discussion and possible action to approve the following items:

- a. Approve Contract Amendment No. 1 to an existing individual Job Order Contract ACON46008 with Pierson Construction Corporation for an additional amount of \$230,000 for sewer line and manhole repairs on 95th Avenue between Northern and Peoria Avenues, Capital Improvement Project UT00294, Northern and 95th Avenues Trunk Sewer Repairs Section C.
- b. Authorize a budget transfer in the amount of \$230,000 for Northern and 95th Avenues Trunk Sewer Repairs Section C, Capital Improvement Project UT00294 from WIFA Bond Fund, 2456-2576-543003-CIPWW-UT00293, Northern and 95th Avenues Trunk Sewer Repairs Section B to the WIFA Bond fund 2456-2576-543003-CIPWW-UT00294 in the amount of \$230,000.

SUMMARY:

The City of Peoria has started three separate sewer repair projects on Northern Avenue (83rd to 99th Avenues) and 95th Avenue (Northern to Peoria Avenues), Capital Improvement Projects UT00292, UT00293 and UT00294. The City has received loans for each of these projects from the Water Infrastructure Finance Authority of Arizona (WIFA) through an American Recovery and Reinvestment Act (ARRA). The projects were originally part of one scope of work; however the work was divided into three separate projects to allow the City to prioritize the repairs based on the severity of the deterioration identified.

CITY CLERK USE ONLY:

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

ORD. # _____ RES. # _____
A/CON# 41006202A LIC. # _____
Action Date: _____

During completion of the repairs on the 95th Avenue sewer (UT00294), a section of defective pipe was discovered that had not been identified in the previous assessment completed in 2007. The City's engineering consultant has identified that this section of line located just south of Peoria Avenue requires repair. The repairs will consist of installing a cured-in-place-pipe (CIPP) liner and will require installing bypass pumps to divert all of the sewer flows in the line while the repairs are being made.

The cost of repairing the additional 609 feet of 36-inch sewer line on 95th Avenue will be \$369,685. A portion of the additional work totaling \$139,685 will be funded by existing contingency funds within the Pierson Construction contract. The remaining cost of \$230,000 will be transferred from the Northern Avenue Section B sewer repair project, UT00293. Work on the Northern Avenue Section B repairs are nearing completion and staff has identified a portion of the project contingencies will not be needed to complete the scope of work and are therefore available to be transferred to the 95th Avenue repair.

The following is summary of the amendment to Pierson's construction contract.

SCOPE	COST
Original construction contract with Pierson	\$1,665,142
Contract Amendment #1	\$230,000
Contract Total:	\$1,895,142

FISCAL NOTE:

Payment in the amount of \$230,000 for the Pierson Construction Corporation contract will be made from WIFA Bond Fund, 2456-2576-543003-CIPWW-UT00294, Northern and 95th Avenues Trunk Sewer Repairs Section C

ATTACHMENTS:

1. Project Map
2. Pierson Construction Corp. GMP additional work



City of Peoria
 Utilities Department
 Engineering Division
 Engineering Information System

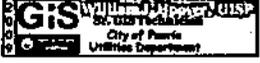


**Northern and 95th Avenues
 Trunk Sewer Repairs
 Section C
 UT00294
 (WIFA CW-041-2009)**

Legend

— 95th Ave Pipeline Repairs

Note
 This map is based on imprecise
 source data, which is in charge and
 for general reference only.



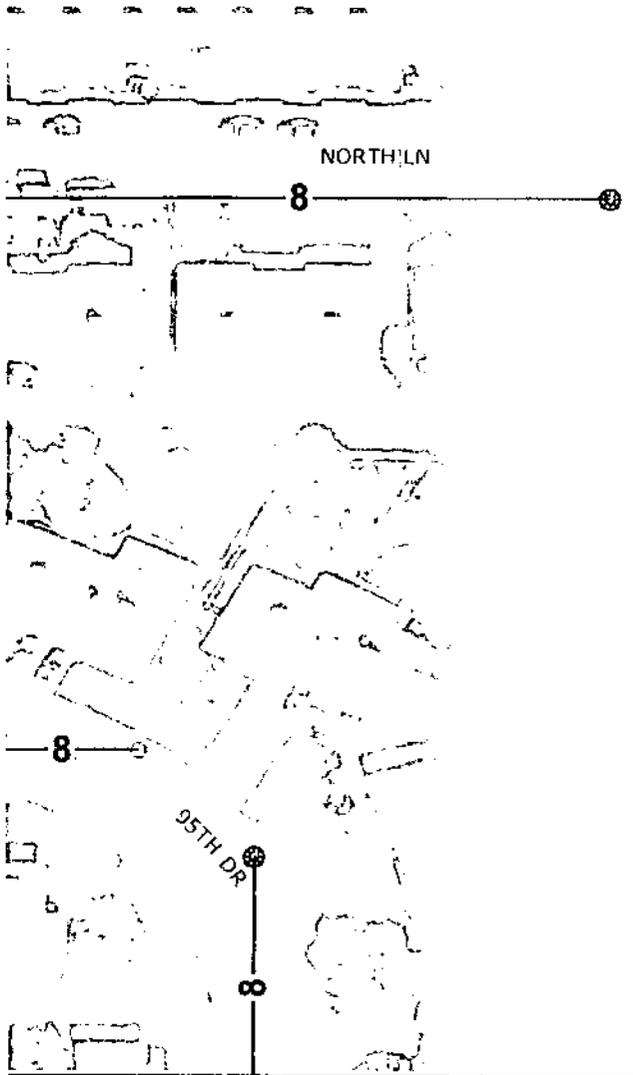
Not to Scale



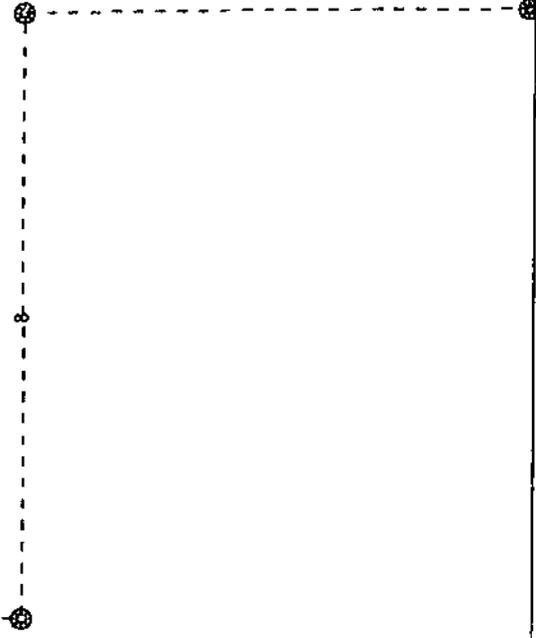
**Attachment 1
 Project Map**

18 10
 PEORIA AV

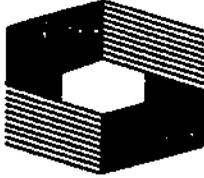
**609 ft of Sewer Pipe
 Section to be Repaired**



36



SEWER CIPP REHAB 115+88 TO 109+79



Pierson Construction Corporation

222 S. 52nd St.
 Tempe, AZ 85281
 From: Dana Ratkovich
 Phone: 480 966 4424
 Fax: 480 894 1086

Attachment 2

Quote To: City of Peoria
Attention: Joseph Kurrus, PE
Address: 9875 W Monroe St
City State Zip: Peoria, AZ 85345
Email: Joe.Kurrus@peoriaaz.gov
Phone: 623 773 7753
Fax: 602 773 7291

Job Name: Sewer Rehab UT00294
Owner: City of Peoria Utilities Department
Address: 9875 W Monroe St
City: Peoria
State & Zip: AZ 85345
Date: 8/03/09

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100	TRAFFIC CONTROL 123+00 TO 104+00	1.00	LS	22,348.35	22,348.35
300	PRE CCTV VIDEO	1.00	LS	1,660.00	1,660.00
400	BYPASS PUMP 122+33 TO 104+81	1,752.00	LF	48.00	84,096.00
600	ODOR CONTROL BY BYPASS SUB	1.00	LS	300.00	300.00
700	CLEAN BY CIPP SUB INCLUDE REM DETACHED LINER	609.00	LF	9.00	5,481.00
800	CIPP SUB LINER 115+88 TO 109+79	609.00	LF	267.00	162,603.00
1000	CIPP SUB LINER TERMINATIONS (INC NEW MH)	3.00	EA	650.00	1,950.00
1300	POST CCTV VIDEO	1.00	LS	830.00	830.00
1400	SUBTOTAL 115+88 TO 109+79				\$279,268.35
4700	BONDS 1%	1.00	LS	3,024.85	3,024.85
4800	INSURANCE 1.5%	1.00	LS	4,537.28	4,537.28
4900	DUST AND ROW PERMITS	1.00	LS	525.00	525.00
5000	TOTAL COST PRE TAX				\$287,355.48
5100	TAX 5.265%	1.00	LS	15,129.27	15,129.27
5200	TOTAL W TAXES				\$302,484.75
5400	VMB ALLOWANCE	1.00	LS	7,200.00	7,200.00
5500	POLICE ALLOWANCE	1.00	LS	10,000.00	10,000.00
5700	ALLOWANCE BURIED BYPASS PIPE	1.00	LS	50,000.00	50,000.00
6100	ARRA DAVIS BACON / BUY AMERICAN CONFIRMATION	1.00	LS		
GRAND TOTAL					\$369,684.75

NOTES:

The allowance items will most likely be used with the CIPP method.

A 50% redundancy has been provided for the bypass pumps but no redundancy for the piping per 02145 Part 2 2.1 B.

Davis Bacon wage decision utilized would be AZ20080010 02/27/2009 AZ10 Heavy.

City of Peoria to provide and pay for public information representative and services.

One mobilization included.

Quantities are approximate and final payment is to be based on actual field measurement.

We propose to furnish labor, equipment, and materials - complete. All material is guaranteed to be as stated in proposal. All work will be completed in a workmanlike manner according to standard practices. Any alterations or deviations from the above specifications involving extra costs, will be executed only upon written orders and will become an extra charge over and above the proposed estimate.

Prices based on Pierson standard insurance coverages.

Note: This proposal may be withdrawn by us if not accepted within 60 days.

Respectfully submitted,
Pierson Construction Corporation

Accepted By:

Dana Ratkovich
Date: _____

Company: _____
Date: _____



8/3/2009
Submitted #1

Pierson Construction Corporation
PRICING FOR CIPP LINER 115+86 TO 108+79

DESCRIPTION	\$1.00 TO \$10,000.00		\$50,001.00 TO \$100,000.00		\$100,001.00 TO \$1,000,000.00		\$1,000,001.00 TO \$1,000,000.00		TOTAL	GMA	PROFIT (Net)	TOTAL	GMA	PROFIT (Net)	TOTAL	GMA	PROFIT (Net)	TOTAL	
	GMA	PROFIT (Net)	GMA	PROFIT (Net)	GMA	PROFIT (Net)	GMA	PROFIT (Net)											
Materials	9.85%	15.00%	9.85%	12.50%	9.85%	10.00%	9.85%	7.50%	17.35%										
Labor	9.85%	15.00%	9.85%	12.50%	9.85%	10.00%	9.85%	7.50%	17.35%										
Equipment	9.85%	15.00%	9.85%	12.50%	9.85%	10.00%	9.85%	7.50%	17.35%										
Other costs (Fuel, Oil, Grease, Maintenance, etc.)	9.85%	15.00%	9.85%	12.50%	9.85%	10.00%	9.85%	7.50%	17.35%										
Subcontractor Cost (includes Travel, Control Sub, CIP, Sub, etc.)	9.85%	15.00%	9.85%	12.50%	9.85%	10.00%	9.85%	7.50%	17.35%										
Engineer Services (lump sum)	9.85%	15.00%	9.85%	12.50%	9.85%	10.00%	9.85%	7.50%	17.35%										
Subtotal																			
P&P Bonds (1%)																			
Insurance (1.5%)																			
Permits																			
Total Cost (lump sum)																			
Taxes 3.25%																			
Total with Taxes																			
Contingencies																			
Total Job Order Amount																			

Direct Costs	GMA	PROFIT (Net)	Total Cost
\$2,275.00	87.16.99	\$246.85	\$2,521.85
\$25,493.00	\$3,484.16	\$2,837.89	\$41,774.85
\$11,400.00	\$1,122.80	\$655.00	\$13,177.80
\$10,377.00	\$1,022.13	\$778.26	\$12,177.41
\$173,758.00	\$17,115.16	\$13,001.86	\$203,875.02
\$0.00	\$0.00	\$0.00	\$0.00
\$227,878.00	\$23,440.93	\$17,448.43	\$279,284.36
\$3,094.86	\$0.00		\$3,094.86
\$4,837.27	\$0.00		\$4,837.27
\$525.00	\$0.00		\$525.00
			\$207,804.61
			\$15,129.27
			\$202,933.88
			\$27,200.00
			\$230,133.88



CONTRACT AMENDMENT Change Order

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

Solicitation No. P08-0050(B)P2 Page 1 of 1
Description: Northern and 95th Avenue Trunk Sewer
Repairs - Section C

Buyer: Athena Bonner

Amendment No. One (1) Date: August 6, 2009

Project No.: UT00294 Agreement Date: June 9, 2009
Project Description: Northern and 95th Avenue Trunk Sewer Repairs - Section C Completion Date: October 29, 2009
Change Order Type: Owner Initiated Errors & Omissions Unknown Conditions Phased Award

The changes as shown on the attached four (4) sheets are hereby made to the contract.

Contract Price Change:

Original Contract Price:	\$1,665,142.16
Total of previous change orders:	\$0
Original contract price plus previous change order(s):	\$1,665,142.16
The contract price due to this change order will be increased by:	\$230,000.00
The new contract price including this change order will be:	\$1,895,142.60

Contract Time Change:

The contract time will be increased by 34 days.
The new date for completion of all work will be: October 29, 2009

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



8/10/09
Date

Russell E. Moore, PM
Typed Name and Title

Pierson Construction
Corporation
Company Name

222 S 52nd Street Address Tempe City AZ State 85281 Zip Code

Attested By:

Mary Jo Kief, City Clerk

Joe Kurrus
Department Joe Kurrus, Engineering Supervisor

17C-8/25/09
CC Number

Athena Bonner
Buyer Athena Bonner, Contract Officer

ACON46008P2A
Contract Number

Herman F. Koebergen
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