



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. CA10-090**

1. Agenda Item Number: 24
2. Council Meeting Date: November 19, 2009

TO: MAYOR & COUNCIL

3. Date Prepared: October 23, 2009

THROUGH: CITY MANAGER

4. Requesting Department: Municipal Utilities

5. SUBJECT: Approval of Change Order No. 1 to the Construction Manager at Risk contract with Pulice Construction Inc., for McQueen Road Improvements (Queen Creek Road to Riggs Road) Phase I, Project No. ST0810-401, in an amount not to exceed \$1,145,198.10, with a revised contract price of \$14,702,702.10.

6. RECOMMENDATION: Staff recommends that Council approve Change Order No. 1 to the Construction Manager at Risk contract with Pulice Construction Inc., for McQueen Road Improvements (Queen Creek Road to Riggs Road) Phase I, Project No. ST0810-401, in an amount not to exceed \$1,145,198.10, with a revised contract price of \$14,702,702.10 and approve a contingency appropriation transfer from the Wastewater Bond Fund, Non-Departmental Contingency account in the amount of \$1,125,697 to the Wastewater Bond Fund, Wastewater Capital, Sewer Assessment and Rehabilitation account.

7. HISTORICAL BACKGROUND / DISCUSSION: During the weekend of August 1, 2009, a sewer main failure developed at the SW corner of McQueen Road and Queen Creek Road. The failure appeared to originate near a junction structure where two sewer force mains and gravity sewer mains converge. The sewer force main has been temporarily repaired to keep it operational. This change order is for Pulice Construction to complete the necessary permanent repairs related to the sewer main failure. This change order will include all labor, material, and incidentals related to the permanent sewer main repairs. This additional work will occur in conjunction with the Phase 1 McQueen Road Improvement project currently under construction.

8. EVALUATION PROCESS: On August 27, 2009, Council approved a Construction Manager at Risk contract to Pulice Construction Inc. The costs proposed for this project were comparable to staff estimates and current construction prices.

9. FINANCIAL IMPLICATIONS:

Original Contract Amount:	\$13,557,504.00	
Change Order #1	\$ 1,145,198.10	(8.4%)
Revised Cost:	\$14,702,702.10	
Savings:	N/A	
Long Term Costs:	N/A	

Fund Source:

<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
415.3310.0000.6517.10T478	Arterial St Impact Fees	McQueen Road (Queen Creek to Riggs Rd)	FY 09/10	\$19,501.95
*611.3910.0000.6817.10S266	Wastewater Bond	Sewer Assessment & Rehabilitation	FY 09/10	\$1,125,696.15

* Requires a Wastewater Bond Fund, Non-Departmental Contingency transfer from 611.1290.0000.5911 of \$1,125,697 to the Wastewater Bond Fund, Wastewater Capital, Sewer Assessment and Rehabilitation account 611.3910.0000.6817.10S266

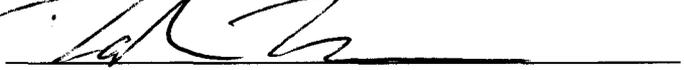
10. PROPOSED MOTION: Move that Council approve Change Order No. 1 to the Construction Manager at Risk contract with Pulice Construction Inc., for McQueen Road Improvements (Queen Creek Road to Riggs Road) Phase I, Project No. ST0810-401, in an amount not to exceed \$1,145,198.10, with a revised

contract price of \$14,702,702.10 and approve a contingency appropriation transfer from the Wastewater Bond Fund, Non-Departmental Contingency account in the amount of \$1,125,697 to the Wastewater Bond Fund, Wastewater Capital, Sewer Assessment and Rehabilitation account.

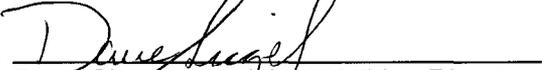
ATTACHMENTS: Location Map, Change Order

APPROVALS

11. Requesting Department


Robert Mulvey, Assistant Municipal Utilities Director

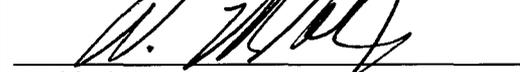
13. Department Head


Dave Siegel, Municipal Utilities Director

12. City Engineer

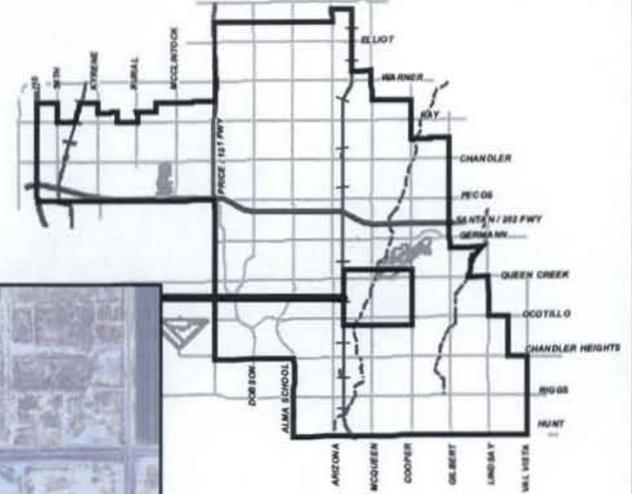

Sheina Hughes, Assistant Public Works Director/
City Engineer

14. City Manager


W. Mark Pentz



McQUEEN RD IMPROVEMENTS PHASE I (QUEEN CREEK RD TO RIGGS RD) PROJECT NO. ST0810-401



**MEMO NO. CA10-090
CHANGE ORDER NO.1**

PROJECT AREA



CITY OF CHANDLER CHANGE ORDER
CHANGE ORDER NUMBER 1
DATE 11/3/09

This Change Order is not valid until signed by both the City and the Contractor. Signature of the Contractor indicates agreement herewith, including any adjustments in the Contract Price or Contract Time.

PROJECT NAME	McQueen Road Improvements Phase I	CONTRACTOR	Pulice Construction, Inc.
PROJECT NO.	ST0810-401	COST ACCT #	
USER DEPT	Municipal Utilities	NTP DATE	10/5/09

TO: Pulice Construction, Inc.

(CONTRACTOR)

YOU ARE DIRECTED TO MAKE THE FOLLOWING CHANGES TO THIS CONTRACT:

(Describe changes in detail and/or reference attached cost breakdown sheet.)

Provide all labor, material, and incidentals required for the permanent sewer main repairs located on the southwest corner of McQueen Road and Queen Creek Road. Exhibit A, fee schedule, attached hereto and incorporated in by reference

THESE CHANGES RESULT IN THE FOLLOWING ADJUSTMENTS OF CONTRACT PRICE AND TIME:

ORIGINAL CONTRACT AMOUNT:	<u>\$13,557,504.00</u>
CURRENT CONTRACT PRICE PRIOR TO CHANGE ORDER (Including previous change orders)	<u>\$13,557,504.00</u>
NET CHANGE RESULTING FROM THIS CHANGE ORDER:	<u>\$ 1,145,198.10</u>
REVISED CONTRACT PRICE INCLUDING THIS CHANGE ORDER:	<u>\$\$14,702,702.10</u>
CHANGE ORDER IS % OF ORIGINAL CONTRACT AMOUNT:	<u>8%%</u>

CONTRACT TIME OR COMPLETION DATE PRIOR TO THIS CHANGE ORDER (Including previous change orders):	<u>240</u>
	DAYS DATE

NET CHANGE RESULTING FROM THIS CHANGE ORDER:	<u>0</u>
	DAYS

REVISED CONTRACT TIME AND COMPLETION DATE:	<u>240</u>
	DAYS DATE

THE ABOVE IS AGREED TO BY:

<u>Pulice Construction, Inc.</u>	<u>M-K B. Syst</u>	<u>11/5/09</u>
CONTRACTOR	Signature:	Date

CITY OF CHANDLER (Date & Name of Owner Dept. verbal approval): 11/3/2009 John Knudson

For Change Orders of less than \$50,000 and 10% of contract price:

Title:	Signature:	Date:
<u>Director or Designee</u>	<u></u>	<u></u>

Or (but not both)

For Change Orders of \$50,000 or more, or 10% or more of contract price:

MAYOR	Date:
Approved by Council on:	
<u></u>	<u></u>
Date	Attest: City Clerk
<u></u>	Date

Approved at to Form:
City Attorney by: *[Signature]*

**EXHIBIT A
FEE SCHEDULE**

Original Item No.	Description	Quantity	Unit	Unit price	PUBLIC WORKS (PW)	MUNICIPAL UTILITIES (MUD)	Total Price
GENERAL ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES							
10	MOBILIZATION	1	LS	\$ 1,790.00		\$ 1,790.00	\$ 1,790.00
20	JOB WATER	1	LS	\$ 8,000.00		\$ 8,000.00	\$ 8,000.00
SUBTOTAL GENERAL ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES					\$ -	\$ 9,790.00	\$ 9,790.00
SEWER PIPE ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES							
30	12" SANITARY SEWER (GRAVITY)(SDR-35)	20	LF	\$ 473.28		\$ 9,465.60	\$ 9,465.60
40	30" SANITARY SEWER (GRAVITY)(VCP EXTRA-STRENGTH)	110	LF	\$ 591.52		\$ 65,067.20	\$ 65,067.20
50	42" SANITARY SEWER (GRAVITY)(HDPE SDR-21)	153	LF	\$ 789.13		\$ 120,736.89	\$ 120,736.89
70	18" SANITARY SEWER (FORCED)(HDPE DR-11)	128	LF	\$ 324.27		\$ 41,506.56	\$ 41,506.56
80	24" SANITARY SEWER (FORCED)(HDPE DR-11)	120	LF	\$ 348.33		\$ 41,799.60	\$ 41,799.60
120	FORCED MAIN MANIFOLD	1	EA	\$ 77,011.30		\$ 77,011.30	\$ 77,011.30
130	42" DROP SEWER PIPE (35-FT DROP)(HDPE SDR-21)	1	LS	\$ 47,783.25		\$ 47,783.25	\$ 47,783.25
SUBTOTAL SEWER PIPE ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES					\$ -	\$ 403,370.40	\$ 403,370.40
SEWER ENCASEMENT ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES							
90	42" CONCRETE ENCASEMENT	153	LF	\$ 327.90		\$ 50,168.70	\$ 50,168.70
100	24" SLURRY ENCASEMENT	120	LF	\$ 126.47		\$ 15,176.40	\$ 15,176.40
110	18" SLURRY ENCASEMENT	128	LF	\$ 120.44		\$ 15,416.32	\$ 15,416.32
SUBTOTAL SEWER ENCASEMENT ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES					\$ -	\$ 80,761.42	\$ 80,761.42
SEWER MANHOLES ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES							
140	60" SEWER MANHOLE	1	EA	\$ 18,951.14		\$ 18,951.14	\$ 18,951.14
150	96" SEWER MANHOLE	1	EA	\$ 36,676.48		\$ 36,676.48	\$ 36,676.48
160	120" SEWER MANHOLE	1	EA	\$ 50,217.86		\$ 50,217.86	\$ 50,217.86
SUBTOTAL SEWER MANHOLES ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES					\$ -	\$ 105,845.48	\$ 105,845.48

	SEWER BYPASS PUMPING ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES							
170	EXTEND/MAINTAIN/REMOVE 24" BYPASS	1	LS	\$ 5,197.12		\$ 5,197.12	\$ 5,197.12	
SUBTOTAL BYPASS PUMPING ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES						\$ -	\$ 5,197.12	\$ 5,197.12
8" DIP WATERLINE ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES								
180	INSTALL 8" DIP WATERLINE	200	LF	\$ 95.46		\$ 19,092.00	\$ 19,092.00	
260	REMOVE & REPLACE 4" ASPHALT	35	SY	\$ 78.71		\$ 2,754.85	\$ 2,754.85	
270	REMOVE & REPLACE EXISTING CHAIN LINK FENCE	1	LS	\$ 5,000.00		\$ 5,000.00	\$ 5,000.00	
SUBTOTAL 8" DIP WATERLINE ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES						\$ -	\$ 26,846.85	\$ 26,846.85
SEWER REMOVAL ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES								
190	REMOVE/DISPOSE EXISTING SEWER PIPE AND MANHOLE	300	LF	\$ 27.80		\$ 8,340.00	\$ 8,340.00	
200	REMOVE/DISPOSE EXISTING TRENCH PLATES AND SLURRY	1	LS	\$ 6,204.32		\$ 6,204.32	\$ 6,204.32	
210	REMOVE/DISPOSE EXISTING SEWER JUNCTION STRUCTURE	1	LS	\$ 29,137.92		\$ 29,137.92	\$ 29,137.92	
SUBTOTAL SEWER REMOVAL ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES						\$ -	\$ 43,682.24	\$ 43,682.24
PCCP ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES								
220	REMOVE & REPLACE EXISTING 9-1/2" PCCP	208	SY	\$ 103.75		\$ 21,580.00	\$ 21,580.00	
230	ADJUST EXISTING MANHOLE IN PCCP AND REHABILITATE	1	EA	\$ 14,900.44	\$ 14,900.44		\$ 14,900.44	
240	ADJUST EXISTING ARV VAULT IN PCCP	1	EA	\$ 3,094.44	\$ 3,094.44		\$ 3,094.44	
SUBTOTAL PCCP ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES						\$ 17,994.88	\$ 21,580.00	\$ 39,574.88
REPAIR EXISTING 48" T-LOC PIPE ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES								
250	REPAIR EXISTING 48" T-LOC SEWER PIPE	70	EA	\$ 549.53		\$ 38,467.10	\$ 38,467.10	
SUBTOTAL T-LOC REPAIR ITEMS - PUBLIC WORKS & MUNICIPAL UTILITIES						\$ -	\$ 38,467.10	\$ 38,467.10
TOTAL DIRECT COST - ACCUM TOTAL 1						\$ 17,994.88	\$ 735,540.61	\$ 753,535.49
CONTRACTOR FEE - CORPORATE OVERHEAD ITEMS						2%	98%	

380	CONTRACTOR FEE (4.25%)	4.25	%	\$ 32,025.26	\$ 640.51	\$ 31,384.75	\$ 32,025.26
390	CORPORATE OVERHEAD (5.75%)	5.75	%	\$ 43,328.29	\$ 866.57	\$ 42,461.72	\$ 43,328.29
SUBTOTAL CONTRACTOR FEE - CORPORATE OVERHEAD					\$ 1,507.07	\$ 73,846.48	\$ 75,353.55
ACCUM TOTAL 2					\$ 19,501.95	\$ 809,387.09	\$ 828,889.04
BOND & INSURANCE ITEMS							
350	BOND	1	LS	\$ 11,451.98		\$ 11,451.98	\$ 11,451.98
370	GENERAL LIABILITY INSURANCE	1	LS	\$ 11,451.98		\$ 11,451.98	\$ 11,451.98
SUBTOTAL BOND & INSURANCE ITEMS					\$ -	\$ 22,903.96	\$ 22,903.96
ACCUM TOTAL 3					\$ 19,501.95	\$ 832,291.05	\$ 851,793.00
SALES TAX ITEM							
360	SALES TAX (65% of 7.8)	1	LS	\$ 58,405.10		\$ 58,405.10	\$ 58,405.10
SUBTOTAL SALES TAX ITEM					\$ -	\$ 58,405.10	\$ 58,405.10
ACCUM TOTAL 4					\$ 19,501.95	\$ 890,696.15	\$ 910,198.10
ALLOWANCE & CONTINGENCY ITEMS							
280	LANDSCAPE (ALLOWANCE)	1	LS	\$ 50,000.00		\$ 50,000.00	\$ 50,000.00
290	TRAFFIC CONTROL (ALLOWANCE)	1	LS	\$ 15,000.00		\$ 15,000.00	\$ 15,000.00
300	SURVEY (ALLOWANCE)	1	LS	\$ 10,000.00		\$ 10,000.00	\$ 10,000.00
310	QUALITY CONTROL (ALLOWANCE)	1	LS	\$ 10,000.00		\$ 10,000.00	\$ 10,000.00
320	SANITARY SEWER BYPASS PUMPING (ALLOWANCE)	1	LS	\$ 50,000.00		\$ 50,000.00	\$ 50,000.00
330	OWNER CONTINGENCY	1	LS	\$ 50,000.00		\$ 50,000.00	\$ 50,000.00
340	CONTRACTOR CONTINGENCY	1	LS	\$ 50,000.00		\$ 50,000.00	\$ 50,000.00
SUBTOTAL ALLOWANCE & CONTINGENCY ITEMS					\$ -	\$ 235,000.00	\$ 235,000.00
ACCUM TOTAL 5					\$ 19,501.95	\$ 1,125,696.15	\$ 1,145,198.10
CHANGE ORDER W/ CONTINGENCIES					\$ 19,501.95	\$ 1,125,696.15	\$ 1,145,198.10