

**CHANGE ORDER SUMMARY
NORMAN UTILITIES AUTHORITY
CITY OF NORMAN
CLEVELAND COUNTY, OKLAHOMA**

DATE: December 9, 2019
 CHANGE ORDER NO.: 1 (FINAL)
 CONTRACT NO.: Contract K-1819-148
 PROJECT: Parsons Addition Water Line Replacement - Phase I
 CONTRACTOR: Southwest Water Works, LLC
201 NW 132nd St.
OKC, OK 73114

	<u>Contract Time</u>	<u>Contract Amount</u>
ORIGINAL:	<u>180</u> calendar days	<u>\$926,112.00</u>
PREVIOUS CHANGE ORDERS:	<u>0</u> calendar days	<u>\$0.00</u>
THIS CHANGE ORDER:	<u>0</u> calendar days	<u>\$16,034.21</u>
REVISED AMOUNT:	<u>180</u> calendar days	<u>\$944,146.21</u>
ORIGINAL START DATE:	<u>June 15, 2016</u>	
ORIGINAL COMPLETION DATE:	<u>December 12, 2016</u>	
PREVIOUS COMPLETION DATE:	<u>December 12, 2016</u>	
NEW COMPLETION DATE:	<u>December 12, 2016</u>	

DESCRIPTION	\$ INCREASE	\$ DECREASE
Reconcile "as-bid" to "as-built" quantities (see Attachment 1 for cost breakdown).	\$2,515.19	\$0.00
Reimburse Contractor for the installation of a variable diameter transition sleeve in order to connect a new water line to an existing line of a different material (see Attachment 2 for cost breakdown).	\$4,134.06	\$0.00
Reimburse Contractor for three oversized water meter boxes in order to accommodate a cluster of existing water meters (see Attachment 2 for cost breakdown).	\$2,112.30	\$0.00
Reimburse Contractor for the installation of additional asphalt located in Flood Ave. (see Attachment 2 for cost breakdown).	\$750.00	\$0.00
Reimburse Contractor for the removal and replacement of a storm sewer manhole ring and lid that had been welded shut at Parsons St. and Lahoma Ave. (see Attachment 2 for cost breakdown).	\$1,558.25	\$0.00
Reimburse Contractor for supplying and installing a 6-inch fire line tie-in to a large structure on Brooks St. (see Attachment 2 for cost breakdown).	\$4,964.41	\$0.00

SUBMITTED BY
 CONTRACTOR: 
 Southwest Water Works, LLC

Date: 1/7/2020

RECOMMENDED BY
 UTILITIES ENGINEER: 
 Mark Daniels, NUA

Date: 1/10/20

CHRIS MATTINGLY
 FOR M. DANIELS

APPROVED AS TO
 FORM AND LEGALITY: City Attorney

Date: _____

ACCEPTED BY
 NORMAN UTILITIES AUTHORITY: Chairman

Date: _____

PARSONS ADDITION WATER LINE REPLACEMENT - PHASE I

Owner: Norman Utilities Authority, K-1619-148
 Engineer: Cabiness Engineering, LLC
 Contractor: Southwest Water Works, LLC

BID ITEM	AS-BID				AS-BUILT				
	DESCRIPTION OF WORK	UNIT	QTY	UNIT PRICE	SCHEDULED VALUE	QTY	TOTAL	QUANTITY CHANGE	PRICE CHANGE
1	8-INCH POLYVINYL CHLORIDE PIPE (DR-18)	LF	4521	\$ 26.00	\$ 117,548.00	4486	\$ 116,636.00	(35.00)	\$ (910.00)
2	8-INCH POLYVINYL CHLORIDE PIPE (DR-18)	LF	110	\$ 20.00	\$ 2,200.00	8	\$ 160.00	(102.00)	\$ (2,040.00)
3	TRENCH EXCAVATION - ZERO (0) FT TO TEN (10) FT	LF	4631	\$ 16.00	\$ 74,096.00	4492	\$ 71,872.00	(139.00)	\$ (2,224.00)
4	EMBEDMENT MATERIAL	CY	630	\$ 15.00	\$ 9,450.00	630	\$ 9,450.00	0.00	\$ 0.00
5	ROCK BACKFILL	CY	1550	\$ 24.00	\$ 37,200.00	1550	\$ 37,200.00	0.00	\$ 0.00
6	BORING 8-INCH CARRIER PIPE	LF	40	\$ 55.00	\$ 2,200.00	24	\$ 1,320.00	(16.00)	\$ (880.00)
7	STEEL CASING PIPE (8-INCH CARRIER PIPE)	LF	40	\$ 115.00	\$ 4,600.00	40	\$ 4,600.00	0.00	\$ 0.00
8	FIRE HYDRANT ASSEMBLY	EA	10	\$ 6,000.00	\$ 60,000.00	10	\$ 60,000.00	0.00	\$ 0.00
9	8-INCH GATE VALVE AND BOX (MJ)	EA	20	\$ 2,500.00	\$ 50,000.00	23	\$ 57,500.00	3.00	\$ 7,500.00
10	8-INCH SOLID SLEEVE (MJ)	EA	4	\$ 2,500.00	\$ 10,000.00	5	\$ 12,500.00	1.00	\$ 2,500.00
11	8-INCH SOLID SLEEVE (MJ)	EA	4	\$ 1,500.00	\$ 6,000.00	0	\$ -	(4.00)	\$ (6,000.00)
12	8-INCH BY 45 DEGREE BEND (MJ)	EA	16	\$ 650.00	\$ 10,400.00	32	\$ 20,800.00	16.00	\$ 10,400.00
13	8-INCH BY 11.25 DEGREE BEND (MJ)	EA	4	\$ 650.00	\$ 2,600.00	0	\$ -	(4.00)	\$ (2,600.00)
14	8-INCH CAP	EA	3	\$ 450.00	\$ 1,350.00	3	\$ 1,350.00	0.00	\$ 0.00
15	8-INCH CAP	EA	4	\$ 350.00	\$ 1,400.00	6	\$ 2,100.00	2.00	\$ 700.00
16	8-INCH CAP	EA	1	\$ 250.00	\$ 250.00	8	\$ 2,000.00	7.00	\$ 1,750.00
17	8-INCH BY 8-INCH REDUCER (MJ)	EA	3	\$ 650.00	\$ 1,950.00	5	\$ 3,250.00	2.00	\$ 1,300.00
18	8-INCH BY 8-INCH CROSS (MJ)	EA	4	\$ 850.00	\$ 3,400.00	4	\$ 3,400.00	0.00	\$ 0.00
19	WATER SINGLE SHORT SERVICE (SSS)	EA	70	\$ 750.00	\$ 52,500.00	58	\$ 43,500.00	(12.00)	\$ (9,000.00)
20	WATER SINGLE LONG SERVICE (SLS)	EA	49	\$ 750.00	\$ 36,750.00	55	\$ 41,250.00	6.00	\$ 4,500.00
21	ADA TACTILE WARNING	EA	1	\$ 1,500.00	\$ 1,500.00	0	\$ -	(1.00)	\$ (1,500.00)
22	WATER METER RELOCATION	EA	10	\$ 750.00	\$ 7,500.00	10	\$ 7,500.00	0.00	\$ 0.00
23	REMOVE FIRE HYDRANT	EA	5	\$ 250.00	\$ 1,250.00	4	\$ 1,000.00	(1.00)	\$ (250.00)
24	REMOVE AND REPLACE SIDEWALK	SY	20	\$ 70.00	\$ 1,400.00	39	\$ 2,730.00	19.00	\$ 1,330.00
25	REMOVE AND REPLACE DRIVEWAY (HES CONCRETE)	SY	67	\$ 85.00	\$ 5,695.00	85.74	\$ 7,287.90	18.74	\$ 1,592.90
26	PAVEMENT CUT AND PERMANENT REPAIR (ASPHALT)	SY	620	\$ 120.00	\$ 74,400.00	811.83	\$ 73,395.60	191.83	\$ (1,004.40)
27	PAVEMENT CUT AND PERMANENT REPAIR (HES CONCRETE)	SY	1620	\$ 115.00	\$ 186,300.00	1600.95	\$ 184,109.25	(19.05)	\$ (2,190.75)
28	REMOVE AND REPLACE CURB AND GUTTER (8-INCH BARRIER)	LF	145	\$ 35.00	\$ 5,075.00	191	\$ 6,685.00	46.00	\$ 1,610.00
29	SOLID SLAB SOODING	SY	300	\$ 2.00	\$ 600.00	277.67	\$ 555.34	(22.33)	\$ (44.66)
30	PRE-POST-CONSTRUCTION AUDIO/VIDEO RECORDING	LS	1	\$ 5,000.00	\$ 5,000.00	1	\$ 5,000.00	0.00	\$ 0.00
31	SEDIMENT AND EROSION CONTROL	LS	1	\$ 5,000.00	\$ 5,000.00	1	\$ 5,000.00	0.00	\$ 0.00
32	CONSTRUCTION TRAFFIC CONTROL	LS	1	\$ 20,000.00	\$ 20,000.00	1	\$ 20,000.00	0.00	\$ 0.00
33	CONSTRUCTION STAKING (CONSTRUCTION SURVEY)	LS	1	\$ 7,500.00	\$ 7,500.00	1	\$ 7,500.00	0.00	\$ 0.00
34	MOBILIZATION/DEMOLITION	LS	1	\$ 15,000.00	\$ 15,000.00	1	\$ 15,000.00	0.00	\$ 0.00
35	HYDROSTATIC PRESSURE TESTING AND DISINFECTION	LS	1	\$ 8,000.00	\$ 8,000.00	1	\$ 8,000.00	0.00	\$ 0.00
	TOTAL BASE BID AMOUNT				\$ 828,112.00		\$ 830,627.19		\$ 2,515.19

Change Items:

ITEM	DESCRIPTION OF WORK	UNIT	QTY	UNIT PRICE	SCHEDULED VALUE
1	PCO #1 - 6-INCH TRANSITION SLEEVES	EA	2	\$ 2,067.03	\$ 4,134.06
2	PCO #2 - LARGE METER BOXES FOR 2-INCH METERS	EA	3	\$ 704.10	\$ 2,112.30
3	PCO #3 - ASPHALT STRIP ALONG FLOOD AVE.	LS	1	\$ 750.00	\$ 750.00
4	PCO #5 - STORM SEWER RING AND LID - PARSONS AND LAHOMA	LS	1	\$ 1,568.25	\$ 1,568.25
5	PCO #6 - FIRE LINE TIE-IN ON BROOKS AVE.	LS	1	\$ 4,964.41	\$ 4,964.41
6	FINAL QUANTITY RECONCILIATION	LS	1	\$ 2,515.19	\$ 2,515.19
	TOTAL FOR CHANGES				\$ 16,034.21

Southwest Water Works LLC

201 N.W. 132nd St. Oklahoma City, OK 73114

(405) 463-5665 (405) 463-5676 FAX

Contract for Construction

Owner: City of Norman Job 1819-79 Norman, Oklahoma	Change Order Request Flood Ave and Brooks	Date: August 23, 2019 Engineer: Cabbiness Engineering Change Order # 1
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Labor and equipment to add Transition Sleeve in order to Cut and Plug Existing Line

Item #	Item	Unit	Qty	Price	Total
1	Material				
	6" Multi Range Coupling	EA	2	\$ 252.42	\$ 504.84
2	Equipment				
	Excavator	Hr	6	\$ 140.00	\$ 840.00
	Dump Truck	Hr	6	\$ 100.00	\$ 600.00
	Service Truck	Hr	6	\$ 45.00	\$ 270.00
	Pump/ Misc Tools	Hr	6	\$ 75.00	\$ 450.00
3	Labor				
	Foreman	Hr	6	\$ 40.00	\$ 240.00
	Operator	Hr	6	\$ 35.00	\$ 210.00
	Labor	Hr	6	\$ 20.00	\$ 120.00
	Labor	Hr	6	\$ 20.00	\$ 120.00
	Safety Manager	Hr	6	\$ 40.00	\$ 240.00
	Subtotal:				\$ 3,594.84
	OH&P:		15%		\$ 539.23

No additional days requested on project duration for this work.

Change Order # 1 Total

\$ 4,134.07

Submitted By: P. Matthews

Title: Manager

Date: 8/23/2019

Accepted By:

Title:

Date:

Southwest Water Works LLC

201 N.W. 132nd St. Oklahoma City, OK 73114

(405) 463-5665 (405) 463-5676 FAX

Contract for Construction

Owner: City of Norman Job 1819-79 Norman, Oklahoma	Change Order Request Flood Ave and Brooks	Date: August 23, 2019 Engineer: Cabbiness Engineering Change Order # 2
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Labor and equipment to add 2" Meter Cans

Item #	Item	Unit	Qty	Price	Total
1	Material				
	2" Traffic Rated Box and Lid	EA	3	\$ 704.10	\$ 2,112.30
2	Equipment				
	Excavator	Hr			
	Dump Truck	Hr			
	Service Truck	Hr			
	Pump/ Misc Tools	Hr			
3	Labor				
	Foreman	Hr			
	Operator	Hr			
	Labor	Hr			
	Labor	Hr			
	Safety Manager	Hr			
	Subtotal:				\$ 2,112.30
	OH&P:		0%		\$ -

No additional days requested on project duration for this work.

Change Order # 2 Total \$ 2,112.30

Submitted By: P. Matthews Title: Manager Date: 8/23/2019

Accepted By: Title: Date:

Southwest Water Works LLC

201 N.W. 132nd St. Oklahoma City, OK 73114

(405) 463-5665 (405) 463-5676 FAX

Contract for Construction

Owner: City of Norman Job 1819-79 Norman, Oklahoma	Change Order Request Flood Ave and Brooks	Date: August 26, 2019 Engineer: Cabbiness Engineering Change Order # 3
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1-ft Asphalt Strip on Flood between Brooks and Parsons

Item #	Item	Unit	Qty	Price	Total
1	Material 1ft Asphalt Strip	LS	1	\$ 750.00	\$ 750.00
2	Equipment Excavator Dump Truck Service Truck Pump/ Misc Tools	Hr Hr Hr Hr			
3	Labor Foreman Operator Labor Labor Safety Manager	Hr Hr Hr Hr Hr			
	Subtotal:				\$ 750.00
	OH&P:		0%		\$ -

No additional days requested on project duration for this work.

Change Order # 3 Total \$ 750.00

Submitted By: P. Matthews Title: Manager Date: 8/26/2019

Accepted By: Title: Date:

Southwest Water Works LLC

201 N.W. 132nd St. Oklahoma City, OK 73114

(405) 463-5665 (405) 463-5676 FAX

Contract for Construction

Owner: City of Norman Job 1819-79 Norman, Oklahoma	Change Order Request Flood Ave and Brooks	Date: September 25, 2019 Engineer: Cabbiness Engineering Change Order # 5
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Storm Sewer Ring and Lid Replacement at Parsons and Lahoma

Item #	Item	Unit	Qty	Price	Total
1	Material				
	Manhole Ring and Lid	EA	1	\$ 225.00	\$ 225.00
	Grout, Block, Ramneck	LS	1	\$ 100.00	\$ 100.00
2	Equipment				
	Excavator	Hr	2	\$ 140.00	\$ 280.00
	Dump Truck	Hr	2	\$ 100.00	\$ 200.00
	Service Truck	Hr	2	\$ 45.00	\$ 90.00
	Saw & Misc Tools	Hr	2	\$ 75.00	\$ 150.00
3	Labor				
	Foreman	Hr	2	\$ 40.00	\$ 80.00
	Operator	Hr	2	\$ 35.00	\$ 70.00
	Labor	Hr	2	\$ 20.00	\$ 40.00
	Labor	Hr	2	\$ 20.00	\$ 40.00
	Safety Manager	Hr	2	\$ 40.00	\$ 80.00
	Subtotal:				\$ 1,355.00
	OH&P:		15%		\$ 203.25

No additional days requested on project duration for this work.

Change Order # 5 Total

\$ 1,558.25

Submitted By: P. Matthews

Title: Manager

Date: 9/25/2019

Accepted By:

Title:

Date:

Southwest Water Works LLC

201 N.W. 132nd St. Oklahoma City, OK 73114

(405) 463-5665 (405) 463-5676 FAX

Contract for Construction

Owner: City of Norman Job 1819-79 Norman, Oklahoma	Change Order Request Flood Ave and Brooks	Date: September 25, 2019 Engineer: Cabbiness Engineering Change Order # 6
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Fire Line Wet Connect on Brooks (6")

Item #	Item	Unit	Qty	Price	Total
1	Material				
	6" x 90 Bend w/ Accessories	EA	2	\$ 284.97	\$ 569.94
	6" Gate Valve and Box	EA	1	\$ 714.70	\$ 714.70
	8" x 6" Tee	EA	1	\$ 457.24	\$ 457.24
2	Equipment				
	Excavator	Hr	5	\$ 140.00	\$ 700.00
	Dump Truck	Hr	5	\$ 100.00	\$ 500.00
	Service Truck	Hr	5	\$ 45.00	\$ 225.00
	Saw & Misc Tools	Hr	5	\$ 75.00	\$ 375.00
3	Labor				
	Foreman	Hr	5	\$ 40.00	\$ 200.00
	Operator	Hr	5	\$ 35.00	\$ 175.00
	Labor	Hr	5	\$ 20.00	\$ 100.00
	Labor	Hr	5	\$ 20.00	\$ 100.00
	Safety Manager	Hr	5	\$ 40.00	\$ 200.00
	Subtotal:				\$ 4,316.88
	OH&P:		15%		\$ 647.53

No additional days requested on project duration for this work.

Change Order # 6 Total \$ 4,964.41

Submitted By: P. Matthews Title: Manager Date: 9/25/2019

Accepted By: Title: Date:
