

Project	<u>Blending of Wells 5, 6, and 52 at the WTP</u>	Project Number	<u>WA0369</u>
Owner	<u>Norman Utilities Authority</u>		

Project Description

This project will blend water from wells 5, 6, and 52 with the City of Norman Water Treatment Plant by installing approximately 2,200 feet of 8-inch waterline from well 52 and converting an existing 12-inch waterline to a groundwater line to move water from well 5 and 52 in order to blend with well 6 at the Water Treatment Plant

Date Proposals Received 12-01-2022 Proposal Tabulation Attached? ☒ Yes ☐ No

Recommended Offeror Cimarron Construction Co.

Recommended Amount of Contract Award \$ 584,950.00 Engineer's Estimate \$ 548,939.00

Proposed Project Completion Date NA

Contract Times meet Owner's Schedule? ☐ Yes ☐ No

Comments

A calculation error was identified with the bid provided by Southwest Water Works (non-winning bid). No errors were found in the lowest bid.

The lowest responsible bid was approx. 6% above the engineer's estimate and 11% below the next lowest bid. The market for construction materials, equipment, and labor has been experiencing significant swings in pricing and availability. The volatility of the bidding environment makes it very difficult to accurately estimate what a project is anticipated to cost. Even though the engineer's estimate is lower than the lowest responsible bid, we consider the estimate to be within the margin of error given today's market conditions. Thus we recommend awarding the contract to Cimarron Construction Co.

Review of the Bids received indicates that the offer of the Recommended Contractor provides the best value to the Owner. A review of the Recommended Contractor's Statement of Qualifications and a check of the references provided indicates that the Recommended Contractor meets the qualification requirements specified in the Contract Documents and that Recommended Contractor's previous experience on similar projects has been acceptable. It is recommended that the Project be awarded to the Recommended Contractor in the amount of the Recommended Amount of Contract Award.

Recommended by	<u>Meagan Brown</u> 	Date	<u>12/12/2022</u>
Title	<u>Project Manager</u>		
Representing	<u>Freese and Nichols, Inc.</u>		

Attachment A - Detailed Tabulation of Bids Received

Project Owner Construction Manager Design Professional	Blending of Wells 5, 6, and 52 at the WTP			Project Number			Freese and Nichols			Cimarron Construction Co			Downey Contracting, LLC			Southwest Water Works, LLC			Average			Delta Eng. Est to Low		
	Norman Utilities Authority		WA0369																					
	Freese and Nichols				Engineer's Estimate			3501 NW 63rd Street OKC, OK 73121			3217 NE 63rd Street OKC, OK 73121			201 NW 132nd Street OKC, OK 73114										
	Freese and Nichols		NRN21415																					
Item No.	Description			Quantity	Units	Unit Cost	Extended Amount	Note	Unit Cost	Extended Amount	Note	Unit Cost	Extended Amount	Note	Unit Cost	Extended Amount	Note	Unit Cost	Extended Amount	Note				
	Items in Base Offer (excluding Allowances) per Section 01 29 01 Measurment and Basis for Payment																							
A-01	8" HORIZONTAL DIRECTIONAL DRILLING (HDD)			355.00	LF	176.00	62,480.00		235.00	83,425.00		135.00	47,925.00		165.00	58,575.00		178.33	63,308.33	(59.00)(20,945.00)				
A-02	8" PVC WATER LINE, C900, DR-18 BY OPEN CUT			1,292.00	LF	110.00	142,120.00		85.00	109,820.00		96.00	124,032.00		165.00	213,180.00		115.33	149,010.67	25.0032,300.00				
A-03	6" PVC WATER LINE, C900, DR-18 BY OPEN CUT			208.00	LF	88.00	18,304.00		70.00	14,560.00		92.00	19,136.00		110.00	22,880.00		90.67	18,858.67	18.003,744.00				
A-04	8" GATE VALVE, AWWA, BURIED W/ VALVE BOX			5.00	EA	2,420.00	12,100.00		2,700.00	13,500.00		2,736.00	13,680.00		4,500.00	22,500.00		3,312.00	16,560.00	(280.00)(1,400.00)				
A-05	6" GATE VALVE, AWWA, BURIED W/ VALVE BOX			3.00	EA	2,200.00	6,600.00		1,900.00	5,700.00		1,965.00	5,895.00		3,500.00	10,500.00		2,455.00	7,365.00	300.00900.00				
A-06	16" X 8" TEE, MJ			1.00	EA	4,400.00	4,400.00		3,200.00	3,200.00		3,840.00	3,840.00		4,500.00	4,500.00		3,846.67	3,846.67	1,200.001,200.00				
A-07	8" X 8" TEE, MJ			1.00	EA	1,595.00	1,595.00		1,200.00	1,200.00		3,057.00	3,057.00		1,500.00	1,500.00		1,919.00	1,919.00	395.00395.00				
A-08	6" X 6" TEE, MJ			1.00	EA	1,100.00	1,100.00		900.00	900.00		2,119.00	2,119.00		1,000.00	1,000.00		1,339.67	1,339.67	200.00200.00				
A-09	12" 90 DEGREE BEND, MJ			1.00	EA	2,200.00	2,200.00		1,200.00	1,200.00		2,351.00	2,351.00		2,400.00	2,400.00		1,983.67	1,983.67	1,000.001,000.00				
A-10	8" 90 DEGREE BEND, MJ			1.00	EA	1,045.00	1,045.00		900.00	900.00		1,660.00	1,660.00		1,100.00	1,100.00		1,220.00	1,220.00	145.00145.00				
A-11	6" 90 DEGREE BEND, MJ			3.00	EA	962.50	2,887.50		700.00	2,100.00		1,190.00	3,570.00		600.00	1,800.00		830.00	2,490.00	262.50787.50				
A-12	8" 45 DEGREE BEND, MJ			12.00	EA	935.00	11,220.00		810.00	9,720.00		1,323.00	15,876.00		1,100.00	13,200.00		1,077.67	12,932.00	125.001,500.00				
A-13	6" 45 DEGREE BEND, MJ			10.00	EA	605.00	6,050.00		615.00	6,150.00		915.00	9,150.00		600.00	6,000.00		710.00	7,100.00	(10.00)(100.00)				
A-14	8" 22.5 DEGREE BEND, MJ			1.00	EA	605.00	605.00		700.00	700.00		1,235.00	1,235.00		1,000.00	1,000.00		978.33	978.33	(95.00)(95.00)				
A-15	6" 22.55 DEGREE BEND, MJ			1.00	EA	605.00	605.00		600.00	600.00		998.00	998.00		600.00	600.00		732.67	732.67	5.005.00				
A-16	8" 11.25 DEGREE BEND, MJ			1.00	EA	605.00	605.00		700.00	700.00		1,214.00	1,214.00		900.00	900.00		938.00	938.00	(95.00)(95.00)				
A-17	6" 11.25 DEGREE BEND, MJ			1.00	EA	605.00	605.00		600.00	600.00		1,003.00	1,003.00		600.00	600.00		734.33	734.33	5.005.00				
A-18	12" X 8" REDUCER, MJ			1.00	EA	1,430.00	1,430.00		1,100.00	1,100.00		968.00	968.00		1,100.00	1,100.00		1,056.00	1,056.00	330.00330.00				
A-19	12" X 6" REDUCER, MJ			1.00	EA	1,265.00	1,265.00		1,100.00	1,100.00		998.00	998.00		1,100.00	1,100.00		1,066.00	1,066.00	165.00165.00				
A-20	8" X 6" REDUCER, MJ			1.00	EA	770.00	770.00		600.00	600.00		538.00	538.00		900.00	900.00		679.33	679.33	170.00170.00				
A-21	3/4" AIR RELEASE VALVE AND VAULT			1.00	EA	770.00	770.00		1,900.00	1,900.00		4,901.00	4,901.00		1,500.00	1,500.00		2,767.00	2,767.00	(1,130.00)(1,130.00)				
A-22	16" WET CONNECTION			1.00	EA	5,500.00	5,500.00		8,900.00	8,900.00		4,331.00	4,331.00		7,500.00	7,500.00		6,910.33	6,910.33	(3,400.00)(3,400.00)				
A-23	12" WET CONNECTION			2.00	EA	4,400.00	8,800.00		5,000.00	10,000.00		3,043.00	6,086.00		5,500.00	11,000.00		4,514.33	9,028.67	(600.00)(1,200.00)				
A-24	8" WET CONNECTION			3.00	EA	2,750.00	8,250.00		3,600.00	10,800.00		2,503.00	7,509.00		4,500.00	13,500.00		3,534.33	10,603.00	(850.00)(2,550.00)				
A-25	6" WET CONNECTION			3.00	EA	2,200.00	6,600.00		3,500.00	10,500.00		2,190.00	6,570.00		3,500.00	10,500.00		3,063.33	9,190.00	(1,300.00)(3,900.00)				
A-26	24" X 6" TAPPING SLEEVE AND VALVE (TS&V)			1.00	EA	11,000.00	11,000.00		8,800.00	8,800.00		7,806.00	7,806.00		9,500.00	9,500.00		8,702.00	8,702.00	2,200.002,200.00				
A-27	24" X 8" TAPPING SLEEVE AND VALVE (TS&V)			1.00	EA	11,220.00	11,220.00		10,000.00	10,000.00		9,324.00	9,324.00		12,500.00	12,500.00	1	10,608.00	10,608.00	1,220.001,220.00				
A-28	24" CUT AND CAP/PLUG EXISTING WATER LINE			3.00	EA	3,850.00	11,550.00		9,300.00	27,900.00		4,811.00	14,433.00		8,500.00	25,500.00		7,537.00	22,611.00	(5,450.00)(16,350.00)				
A-29	12" CUT AND CAP/PLUG EXISTING WATER LINE			3.00	EA	1,389.83	4,169.50		5,000.00	15,000.00		2,819.00	8,457.00		5,500.00	16,500.00		4,439.67	13,319.00	(3,610.17)(10,830.50)				
A-30	10" CUT AND CAP/PLUG EXISTING WATER LINE			1.00	EA	2,750.00	2,750.00		5,000.00	5,000.00		2,689.00	2,689.00		3,000.00	3,000.00		3,563.00	3,563.00	(2,250.00)(2,250.00)				
A-31	8" CUT AND CAP/PLUG EXISTING WATER LINE			5.00	EA	2,200.00	11,000.00		3,300.00	16,500.00		2,430.00	12,150.00		2,500.00	12,500.00		2,743.33	13,716.67	(1,100.00)(5,500.00)				
A-32	6" CUT AND CAP/PLUG EXISTING WATER LINE			3.00	EA	1,650.00	4,950.00		2,300.00	6,900.00		2,093.00	6,279.00		2,500.00	7,500.00		2,297.67	6,893.00	(650.00)(1,950.00)				
A-33	FIRE HYDRANT ASSEMBLY (INCL. TEE, GV, & PIPE)			3.00	EA	6,050.00	18,150.00		8,500.00	25,500.00		9,579.00	28,737.00		9,500.00	28,500.00		9,193.00	27,579.00	(2,450.00)(7,350.00)				
A-34	REMOVE & SALVAGE EX. HYDRANT			1.00	EA	550.00	550.00		1,000.00	1,000.00		510.00	510.00		2,500.00	2,500.00		1,336.67	1,336.67	(450.00)(450.00)				
A-35	1" CHLORINE INJECTION POINT			2.00	EA	550.00	1,100.00		950.00	1,900.00		2,197.00	4,394.00		3,500.00	7,000.00		2,215.67	4,431.33	(400.00)(800.00)				
A-36	SAMPLE STATION INSTALLATION			1.00	EA	550.00	550.00		4,700.00	4,700.00		1,944.00	1,944.00		2,500.00	2,500.00		3,048.00	3,048.00	(4,150.00)(4,150.00)				
A-37	CONCRETE PAVEMENT, REMOVE AND REPLACE			200.00	SY	165.00	33,000.00		200.00	40,000.00		345.00	69,000.00		175.00	35,000.00		240.00	48,000.00	(35.00)(7,000.00)				
A-38	ASPHALT PAVEMENT, REMOVE AND REPLACE			200.00	SY	203.50	40,700.00		200.00	40,000.00		361.00	72,200.00		175.00	35,000.00		245.33	49,066.67	3.50700.00				
A-39	GRAVEL DRIVEWAY, REMOVE AND REPLACE			40.00	SY	33.00	1,320.00		55.00	2,200.00		105.00	4,200.00		75.00	3,000.00		78.33	3,133.33	(22.00)(880.00)				
A-40	CONCRETE CURB, REMOVE AND REPLACE			120.00	LF	55.00	6,600.00		30.00	3,600.00		35.00	4,200.00		75.00	9,000.00		46.67	5,600.00	25.003,000.00				
A-41	SOLID SLAB SODDING			2,000.00	SY	6.60	13,200.00		4.00	8,000.00		5.00	10,000.00		3.00	6,000.00		4.00	8,000.00	2.605,200.00				
A-42	CLEARING AND GRUBBING, INCLUDING TREE REMOVAL			1.00	LS	1,650.00	1,650.00		5,000.00	5,000.00		3,884.00	3,884.00		10,000.00	10,000.00		6,294.67	6,294.67	(3,350.00)(3,350.00)				
A-43	REMOVE AND REINSTALL EX. FENCE			60.00	LF	49.50	2,970.00		50.00	3,000.00		100.00	6,000.00		15.00	900.00		55.00	3,300.00	(0.50)(30.00)				
A-44	REMOVE AND REPLACE 12" STORM DRAIN			200.00	LF	22.00	4,400.00		60.00	12,000.00		57.00	11,400.00		65.00	13,000.00		60.67	12,133.33	(38.00)(7,600.00)				
A-45	TRAFFIC CONTROL			1.00	LS	11,000.00	11,000.00		11,000.00	11,000.00		39,720.00	39,720.00		25,000.00	25,000.00		25,240.00	25,240.00	0.000.00				
A-46	CONSTRUCTION STAKING AND AS-BUILTS			1.00	LS	11,000.00	11,000.00		4,000.00	4,000.00		11,817.00	11,817.00		15,000.00	15,000.00		10,272.33	10,272.33	7,000.007,000.00				
A-47	TEMPORARY EROSION CONTROL AND SEDIMENT CONTROL			1.00	LS	11,000.00	11,000.00		3,000.00	3,000.00		4,080.00	4,080.00		2,500.00	2,500.00		3,193.33	3,193.33	8,000.008,000				