

Recommendation for Award of Contract

Project	Robinson St. Water Line: WTP to 24th Ave NE		Project Number	
Owner	Norman Utilities Authority			1819-62

Project Description

The project includes approximately 2,000 feet of 42" water line; 315 feet of 30" water line; and 2,550 feet of 6" C900 PVC water line installation, concrete vault, valves, and appurtenances.

Date Proposals Received 4/25/2019 Bid Tabulation Attached? ☒ Yes ☐ No

Recommended Contractor McKee Utility Contractors, Inc.

Recommended Amount of Contract Award \$ \$1,458,063.00 Project Budget \$ \$1,800,000.00

Contract Price within Available Funds? ☒ Yes ☐ No

Proposed Project Completion Date 12/31/2019

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

Comments

A total of seven bids were received and a copy of the bid tabulation is attached for reference. Freese and Nichols' estimate for the project was \$1,831,890.00. All bids consisted of a Base Bid with 2 Alternate Bids for the 42-inch pipe material. The alternate bids were for PVC pipe and Ductile Iron Pipe. McKee Utility Contractors bid totaled \$1,458,063 for the Base Bid plus Alternate 1 (PVC pipe) and \$1,418,763 for the Base Bid plus Alternate 2 (Ductile Iron Pipe). The bid price difference between the two alternates is \$39,300. Even though the PVC pipe option has a higher initial capital cost, the city desires to have PVC pipe in lieu of Ductile Iron pipe due to the highly corrosive soils in the area. Even with the additional \$39,300, McKee Utility Contractors remains the low-bidder and the bid remains within budget.

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>William C. Henderson</u>	Date	<u>4/29/2019</u>
Title	<u>Project Manager</u>		
Representing	<u>Freese and Nichols, Inc.</u>		

Client: Norman Utilities Authority				Mckee Utility Contractors		W.E.B. Construction		H&H Plumbing		Matthews Trenching		Young Construction	
Project: Robinson Water Line: WTP to 24th Ave NE													
Bid Date: April 25, 2019													
Project No: NRN18532				Apparent Low Bidder									
Item No.		Quantity	Unit	Unit Price	Bid Amount	Unit Price	Bid Amount	Unit Price	Bid Amount	Unit Price	Bid Amount	Unit Price	Bid Amount
Base Bid													
101	Mobilization (Max. 5% of Contract)	1	LS	\$60,000.00	\$60,000.00	\$36,570.00	\$36,570.00	\$31,500.00	\$31,500.00	\$44,000.00	\$44,000.00	\$43,000.00	\$43,000.00
102	Traffic Control	1	LS	\$5,000.00	\$5,000.00	\$1,650.00	\$1,650.00	\$2,000.00	\$2,000.00	\$14,000.00	\$14,000.00	\$7,000.00	\$7,000.00
103	Clearing and Grubbing	1	LS	\$100,000.00	\$100,000.00	\$7,399.00	\$7,399.00	\$69,750.00	\$69,750.00	\$12,000.00	\$12,000.00	\$5,000.00	\$5,000.00
104	Prepare and Implement SWPPP	1	LS	\$2,500.00	\$2,500.00	\$1,682.00	\$1,682.00	\$4,000.00	\$4,000.00	\$3,500.00	\$3,500.00	\$12,000.00	\$12,000.00
105	Construction Staking	1	LS	\$7,500.00	\$7,500.00	\$3,685.00	\$3,685.00	\$5,400.00	\$5,400.00	\$15,000.00	\$15,000.00	\$14,700.00	\$14,700.00
106	Temporary Fencing	1	LS	\$1.00	\$1.00	\$6,474.00	\$6,474.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$9,600.00	\$9,600.00
107	Hydro-mulch Seeding	17,500	SY	\$1.25	\$21,875.00	\$1.00	\$17,500.00	\$1.44	\$25,200.00	\$1.35	\$23,625.00	\$1.44	\$25,200.00
108	OSHA Trench Safety	1	LS	\$1.00	\$1.00	\$15,536.00	\$15,536.00	\$25,000.00	\$25,000.00	\$2,000.00	\$2,000.00	\$15,000.00	\$15,000.00
109	Site Restoration	1	LS	\$1.00	\$1.00	\$19,866.00	\$19,866.00	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00
110	6" PVC Pipe, DR18, 5-10' Depth	2,550	LF	\$15.00	\$38,250.00	\$44.00	\$112,200.00	\$24.00	\$61,200.00	\$45.00	\$114,750.00	\$27.00	\$68,850.00
111	6" DI Pipe, Class 350, 5-10' Depth	105	LF	\$15.00	\$1,575.00	\$200.00	\$21,000.00	\$48.00	\$5,040.00	\$60.00	\$6,300.00	\$48.00	\$5,040.00
112	30" PVC Pipe, DR18, 5-10' Depth	185	LF	\$300.00	\$55,500.00	\$208.00	\$38,480.00	\$188.00	\$34,780.00	\$250.00	\$46,250.00	\$217.00	\$40,145.00
113	30" PVC Pipe, DR18, 10-15' Depth	60	LF	\$300.00	\$18,000.00	\$268.00	\$16,080.00	\$235.00	\$14,100.00	\$275.00	\$16,500.00	\$296.00	\$17,760.00
114	48" Steel Casing, 30" PVC carrier pipe, and spacers by Open Cut	70	LF	\$600.00	\$42,000.00	\$499.00	\$34,930.00	\$630.00	\$44,100.00	\$650.00	\$45,500.00	\$656.00	\$45,920.00
115	6" Gate Valve, AWWA, buried	2	EA	\$700.00	\$1,400.00	\$916.00	\$1,832.00	\$1,200.00	\$2,400.00	\$950.00	\$1,900.00	\$455.00	\$910.00
116	30" Butterfly Valve, AWWA, buried	1	EA	\$12,500.00	\$12,500.00	\$14,317.00	\$14,317.00	\$15,490.00	\$15,490.00	\$20,000.00	\$20,000.00	\$19,590.00	\$19,590.00
117	42" Butterfly Valve, AWWA, buried	1	EA	\$22,500.00	\$22,500.00	\$21,453.00	\$21,453.00	\$29,050.00	\$29,050.00	\$35,000.00	\$35,000.00	\$31,560.00	\$31,560.00
118	30" Connection at WTP	1	EA	\$100,000.00	\$100,000.00	\$11,778.00	\$11,778.00	\$30,800.00	\$30,800.00	\$20,000.00	\$20,000.00	\$5,730.00	\$5,730.00
119	6" Connection at WTP	1	EA	\$2,500.00	\$2,500.00	\$4,071.00	\$4,071.00	\$11,000.00	\$11,000.00	\$7,500.00	\$7,500.00	\$180.00	\$180.00
120	4" Connection at Well Building #6	1	EA	\$2,500.00	\$2,500.00	\$5,495.00	\$5,495.00	\$8,000.00	\$8,000.00	\$7,500.00	\$7,500.00	\$3,200.00	\$3,200.00
121	30" x 30" Tee Fitting, DI, MJ	1	EA	\$4,000.00	\$4,000.00	\$8,917.00	\$8,917.00	\$13,018.00	\$13,018.00	\$9,000.00	\$9,000.00	\$9,640.00	\$9,640.00
122	30" x 6" Cross Fitting, DI, MJ	1	EA	\$5,000.00	\$5,000.00	\$7,822.00	\$7,822.00	\$9,600.00	\$9,600.00	\$8,500.00	\$8,500.00	\$6,207.00	\$6,207.00
123	42" x 30" Reducer, DI, MJ	1	EA	\$7,500.00	\$7,500.00	\$10,074.00	\$10,074.00	\$10,500.00	\$10,500.00	\$10,000.00	\$10,000.00	\$8,840.00	\$8,840.00
124	6" x 4" Reducer, DI, MJ	1	EA	\$250.00	\$250.00	\$368.00	\$368.00	\$425.00	\$425.00	\$225.00	\$225.00	\$180.00	\$180.00
125	6" 22.5 Deg Bend, DI	4	EA	\$250.00	\$1,000.00	\$233.00	\$932.00	\$450.00	\$1,800.00	\$270.00	\$1,080.00	\$209.00	\$836.00
126	6" 45 Deg Bend, DI	2	EA	\$250.00	\$500.00	\$401.00	\$802.00	\$450.00	\$900.00	\$290.00	\$580.00	\$310.00	\$620.00
127	6" 90 Deg Bend, DI	3	EA	\$250.00	\$750.00	\$418.00	\$1,254.00	\$450.00	\$1,350.00	\$300.00	\$900.00	\$324.00	\$972.00
128	30" 22.5 Deg Bend, DI	4	EA	\$3,000.00	\$12,000.00	\$1,341.00	\$5,364.00	\$9,900.00	\$39,600.00	\$4,750.00	\$19,000.00	\$5,660.00	\$22,640.00
129	30" Plug	1	EA	\$2,500.00	\$2,500.00	\$3,230.00	\$3,230.00	\$3,570.00	\$3,570.00	\$5,000.00	\$5,000.00	\$2,860.00	\$2,860.00
130	Valve Vault, including connection to Ex. 30" WL	1	LS	\$225,000.00	\$225,000.00	\$267,218.00	\$267,218.00	\$385,150.00	\$385,150.00	\$370,000.00	\$370,000.00	\$300,000.00	\$300,000.00
131	Blow-off Valve Assembly, 16" DI	1	EA	\$15,000.00	\$15,000.00	\$21,343.00	\$21,343.00	\$31,000.00	\$31,000.00	\$45,000.00	\$45,000.00	\$20,500.00	\$20,500.00
132	Combination Air Release/Vacuum Valve & Vault, 4"	1	EA	\$10,000.00	\$10,000.00	\$9,617.00	\$9,617.00	\$14,500.00	\$14,500.00	\$25,000.00	\$25,000.00	\$16,000.00	\$16,000.00
133	Fire Hydrant Assembly	1	EA	\$5,000.00	\$5,000.00	\$4,899.00	\$4,899.00	\$4,250.00	\$4,250.00	\$3,600.00	\$3,600.00	\$4,100.00	\$4,100.00
Base Bid				\$782,103.00		\$733,838.00		\$937,973.00		\$945,210.00		\$768,780.00	
Alt 1 - PVC Pipe													
AB1	42" PVC Pipe, DR18, 5-10' Depth	1,965		\$344.00	\$675,960.00	\$397.00	\$780,105.00	\$315.60	\$620,154.00	\$343.00	\$673,995.00	\$420.36	\$826,000.00
Alt 1 - PVC Pipe				\$675,960.00		\$780,105.00		\$620,154.00		\$673,995.00		\$826,000.00	
Alt 2 - DI Pipe													
AB2	42" DI Pipe, Class 250, 5-10' Depth	1965		\$324.00	\$636,660.00	\$461.00	\$905,865.00	\$339.60	\$667,314.00	\$315.00	\$618,975.00	\$405.60	\$797,000.00
Alt 2 - DI Pipe				\$636,660.00		\$905,865.00		\$667,314.00		\$618,975.00		\$797,000.00	
BID SUMMARY													
Base Bid				\$782,103.00		\$733,838.00		\$937,973.00		\$945,210.00		\$768,780.00	
Alt 1 - PVC Pipe				\$675,960.00		\$780,105.00		\$620,154.00		\$673,995.00		\$826,000.00	
Alt 2 - DI Pipe				\$636,660.00		\$905,865.00		\$667,314.00		\$618,975.00		\$797,000.00	
BASE BID + ALT 1 (PVC Pipe)				\$1,458,063.00		\$1,513,943.00		\$1,558,127.00		\$1,619,205.00		\$1,594,780.00	
BASE BID + ALT 2 (DI Pipe)				\$1,418,763.00		\$1,639,703.00		\$1,605,287.00		\$1,584,185.00		\$1,565,780.00	
Math errors found													

Client: Norman Utilities Authority				Krapff-Reynolds		Cimarron Construction	
Project: Robinson Water Line: WTP to 24th Ave NE							
Bid Date: April 25, 2019							
Project No: NRN18532							
Item No.		Quantity	Unit	Unit Price	Bid Amount	Unit Price	Bid Amount
Base Bid							
101	Mobilization (Max. 5% of Contract)	1	LS	\$75,000.00	\$75,000.00	\$35,000.00	\$35,000.00
102	Traffic Control	1	LS	\$5,000.00	\$5,000.00	\$1,610.00	\$1,610.00
103	Clearing and Grubbing	1	LS	\$30,000.00	\$30,000.00	\$16,000.00	\$16,000.00
104	Prepare and Implement SWPPP	1	LS	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00
105	Construction Staking	1	LS	\$9,700.00	\$9,700.00	\$8,500.00	\$8,500.00
106	Temporary Fencing	1	LS	\$3,000.00	\$3,000.00	\$6,000.00	\$6,000.00
107	Hydro-mulch Seeding	17,500	SY	\$1.00	\$17,500.00	\$1.00	\$17,500.00
108	OSHA Trench Safety	1	LS	\$6,000.00	\$6,000.00	\$4,000.00	\$4,000.00
109	Site Restoration	1	LS	\$30,000.00	\$30,000.00	\$25,000.00	\$25,000.00
110	6" PVC Pipe, DR18, 5-10' Depth	2,550	LF	\$28.50	\$72,675.00	\$31.00	\$79,050.00
111	6" DI Pipe, Class 350, 5-10' Depth	105	LF	\$37.00	\$3,885.00	\$52.00	\$5,460.00
112	30" PVC Pipe, DR18, 5-10' Depth	185	LF	\$264.00	\$48,840.00	\$386.00	\$71,410.00
113	30" PVC Pipe, DR18, 10-15' Depth	60	LF	\$264.00	\$15,840.00	\$288.00	\$17,280.00
114	48" Steel Casing, 30" PVC carrier pipe, and spacers by Open Cut	70	LF	\$555.00	\$38,850.00	\$745.00	\$52,150.00
115	6" Gate Valve, AWWA, buried	2	EA	\$1,325.00	\$2,650.00	\$990.00	\$1,980.00
116	30" Butterfly Valve, AWWA, buried	1	EA	\$19,500.00	\$19,500.00	\$20,000.00	\$20,000.00
117	42" Butterfly Valve, AWWA, buried	1	EA	\$38,000.00	\$38,000.00	\$42,300.00	\$42,300.00
118	30" Connection at WTP	1	EA	\$28,500.00	\$28,500.00	\$13,300.00	\$13,300.00
119	6" Connection at WTP	1	EA	\$1,050.00	\$1,050.00	\$1,000.00	\$1,000.00
120	4" Connection at Well Building #6	1	EA	\$1,325.00	\$1,325.00	\$8,300.00	\$8,300.00
121	30" x 30" Tee Fitting, DI, MJ	1	EA	\$8,500.00	\$8,500.00	\$11,000.00	\$11,000.00
122	30" x 6" Cross Fitting, DI, MJ	1	EA	\$7,500.00	\$7,500.00	\$11,000.00	\$11,000.00
123	42" x 30" Reducer, DI, MJ	1	EA	\$9,700.00	\$9,700.00	\$13,600.00	\$13,600.00
124	6" x 4" Reducer, DI, MJ	1	EA	\$375.00	\$375.00	\$300.00	\$300.00
125	6" 22.5 Deg Bend, DI	4	EA	\$526.00	\$2,104.00	\$400.00	\$1,600.00
126	6" 45 Deg Bend, DI	2	EA	\$526.00	\$1,052.00	\$400.00	\$800.00
127	6" 90 Deg Bend, DI	3	EA	\$526.00	\$1,578.00	\$400.00	\$1,200.00
128	30" 22.5 Deg Bend, DI	4	EA	\$5,000.00	\$20,000.00	\$6,800.00	\$27,200.00
129	30" Plug	1	EA	\$2,900.00	\$2,900.00	\$4,400.00	\$4,400.00
130	Valve Vault, including connection to Ex. 30" WL	1	LS	\$403,000.00	\$403,000.00	\$367,000.00	\$367,000.00
131	Blow-off Valve Assembly, 16" DI	1	EA	\$47,000.00	\$47,000.00	\$52,000.00	\$52,000.00
132	Combination Air Release/Vacuum Valve & Vault, 4"	1	EA	\$25,000.00	\$25,000.00	\$29,000.00	\$29,000.00
133	Fire Hydrant Assembly	1	EA	\$2,790.00	\$2,790.00	\$4,200.00	\$4,200.00
Base Bid					\$980,314.00		\$954,140.00
Alt 1 - PVC Pipe							
AB1	42" PVC Pipe, DR18, 5-10' Depth	1,965		\$391.00	\$768,315.00	\$427.00	\$839,055.00
Alt 1 - PVC Pipe					\$768,315.00		\$839,055.00
Alt 2 - DI Pipe							
AB2	42" DI Pipe, Class 250, 5-10' Depth	1965		\$336.00	\$660,240.00	\$377.00	\$740,805.00
Alt 2 - DI Pipe					\$660,240.00		\$740,805.00
BID SUMMARY							
Base Bid					\$980,314.00		\$954,140.00
Alt 1 - PVC Pipe					\$768,315.00		\$839,055.00
Alt 2 - DI Pipe					\$660,240.00		\$740,805.00
BASE BID + ALT 1 (PVC Pipe)					\$1,748,629.00		\$1,793,195.00
BASE BID + ALT 2 (DI Pipe)					\$1,640,554.00		\$1,694,945.00