

CERTIFIED BID TABULATION



Client: Pine Bluff Wastewater Utility
 Project: Kansas St. Parallel Force Main Phase 1 & 2
 Bid Date: May 9, 2023
 Bid Time: Bid 10:00AM Local Time
 Location: City Clerk's Office, Pine Bluff, AR

Prospective Bidder:				Mobley Contractors, Inc. PO Box 150 Morrilton, AR 72110 License No. 0003660923		Belt Construction, Inc. 2507 E. Broad Street Texarkana, AR 71854 License No. 0337920523		Garney Companies, Inc. 200 Crutchfield Ave Nashville, TN 37210 License No. 0032110623	
Item No.	Description	Units	QTY	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
1-1	42" Ductile Iron Pipe, Epoxy Lined, Class 150, Raw Sewage Force Main, Restrained, Lake Langhofer Subaqueous Crossing	LF	630	\$2,391.68	\$1,506,758.40	\$2,350.00	\$1,480,500.00	\$2,750.00	\$1,732,500.00
1-2	42" Ductile Iron Pipe, Epoxy Lined, Class 350 Ball Joint, Sewage Force Main, Restrained, Lake Langhofer Subaqueous Crossing	LF	235	\$5,252.63	\$1,234,368.05	\$5,100.00	\$1,198,500.00	\$4,500.00	\$1,057,500.00
1-3	42" Ductile Iron Pipe, Epoxy Lined, Class 150, Raw Sewage Force Main, Restrained, Non-Roadway	LF	235	\$2,515.02	\$591,029.70	\$2,400.00	\$564,000.00	\$1,500.00	\$352,500.00
1-4	42" MJ DI 45° Bend, Restrained	EA	1	\$61,302.80	\$61,302.80	\$25,000.00	\$25,000.00	\$2,500.00	\$2,500.00
1-5	42" MJ DI 22.5° Bend, Restrained	EA	6	\$54,745.28	\$328,471.68	\$24,000.00	\$144,000.00	\$2,300.00	\$13,800.00
1-6	42" MJ DI 11.25° Bend, Restrained	EA	3	\$54,374.46	\$163,123.38	\$26,000.00	\$78,000.00	\$2,300.00	\$6,900.00
1-7	42" MJ Plug, Restrained	EA	2	\$40,653.09	\$81,306.18	\$13,000.00	\$26,000.00	\$17,000.00	\$34,000.00
1-8	Bathymetric Surveying	LS	1	\$30,657.93	\$30,657.93	\$107,000.00	\$107,000.00	\$20,000.00	\$20,000.00
1-9	Articulating Concrete Mats and Accessories	EA	147	\$4,913.11	\$722,227.17	\$8,800.00	\$1,293,600.00	\$7,000.00	\$1,029,000.00
1-10	Muck Removal (20 FT Wide x 3 FT Deep) for entire length of lake crossing.	CY	1,860	\$202.53	\$376,705.80	\$195.00	\$362,700.00	\$150.00	\$279,000.00
1-11	Bank Stabilization Mats, Silt Fencing, Etc.	Lump Sum	1	\$571,470.57	\$571,470.57	\$62,000.00	\$62,000.00	\$500,000.00	\$500,000.00
1-12	Shoreline Restoration	Lump Sum	1	\$12,500.00	\$12,500.00	\$63,000.00	\$63,000.00	\$35,000.00	\$35,000.00
1-13	Pipeline Crossing Sign Removal	Each	2	\$6,350.66	\$12,701.32	\$425.00	\$850.00	\$4,733.82	\$9,467.64
1-14	Pipeline Crossing Sign Installation	Each	4	\$10,905.82	\$43,623.28	\$1,300.00	\$5,200.00	\$13,000.00	\$52,000.00
1-15	Gravel Surface Repair	CY	12	\$237.10	\$2,845.20	\$325.00	\$3,900.00	\$1,500.00	\$18,000.00
1-16	Bonds and Insurance	LUMP SUM		\$191,625.00	\$191,625.00	\$134,000.00	\$134,000.00	\$0.01	\$0.01
1-17	Mobilization & Demobilization	LUMP SUM		\$428,308.80	\$428,308.80	\$820,000.00	\$820,000.00	\$500,000.00	\$500,000.00
1-18	Clearing & Grubbing	LUMP SUM		\$45,892.40	\$45,892.40	\$8,500.00	\$8,500.00	\$20,000.00	\$20,000.00
1-19	Route Clearing	LUMP SUM		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1-20	Seeding, Mulching, Final Cleanup	LUMP SUM		\$67,452.85	\$67,452.85	\$14,000.00	\$14,000.00	\$6,000.00	\$6,000.00
1-21	Storm Water Permit & S.W.P.P.P.	LUMP SUM		\$15,362.73	\$15,362.73	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
1-22	Maintenance of Traffic	LUMP SUM		\$34,107.93	\$34,107.93	\$17,000.00	\$17,000.00	\$0.01	\$0.01
1-23	Excavation and Trench Safety System	LUMP SUM		\$29,317.30	\$29,317.30	\$34,000.00	\$34,000.00	\$7,500.00	\$7,500.00
1-24	Miscellaneous & Incidental Work	LUMP SUM		\$883,216.55	\$883,216.55	\$365,000.00	\$365,000.00	\$350,000.00	\$350,000.00
SUB-TOTAL BASE BID FOR ITEMS 1-1 THRU 1-24 (ALL PHASE 1 WORK) (TO BE USED FOR THE DEDUCTIVE ALTERNATE CALCULATIONS)				\$7,434,375.02		\$6,821,750.00		\$6,040,667.66	

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2-1	42" PVC Pipe, DR 25, Class 165, Raw Sewage Force Main, Restrained, Non-Roadway	LF	1,450	\$972.28	\$1,409,806.00	\$1,225.00	\$1,776,250.00	\$1,075.00	\$1,558,750.00
2-2	42" MJ 45° WYE, Restrained	EA	1	\$144,808.55	\$144,808.55	\$110,000.00	\$110,000.00	\$65,000.00	\$65,000.00
2-3	42" MJ TEE, Restrained	EA	3	\$116,574.13	\$349,722.39	\$52,000.00	\$156,000.00	\$35,000.00	\$105,000.00
2-4	42" MJ SLEEVE, Restrained	EA	4	\$32,266.03	\$129,064.12	\$25,000.00	\$100,000.00	\$21,000.00	\$84,000.00
2-5	42" x 36" MJ TEE, Restrained	EA	2	\$96,376.94	\$192,753.88	\$47,000.00	\$94,000.00	\$34,000.00	\$68,000.00
2-6	42" Plug Valve, buried, manual operator.	EA	4	\$178,620.38	\$714,481.52	\$225,000.00	\$900,000.00	\$150,000.00	\$600,000.00
2-7	42" MJ 45° BEND, Restrained	EA	3	\$51,277.49	\$153,832.47	\$31,000.00	\$93,000.00	\$25,000.00	\$75,000.00
2-8	42" MJ 22.5° BEND, Restrained	EA	7	\$48,826.09	\$341,782.63	\$27,000.00	\$189,000.00	\$23,000.00	\$161,000.00
2-9	42" MJ 11.25° BEND, Restrained	EA	2	\$48,455.40	\$96,910.80	\$29,000.00	\$58,000.00	\$23,000.00	\$46,000.00
2-10	42" x 24" MJ Reducer, Restrained	EA	1	\$44,578.34	\$44,578.34	\$23,000.00	\$23,000.00	\$20,000.00	\$20,000.00
2-11	54" HDPE Encasement (Gas Line X-ing's)	LF	50	\$1,141.90	\$57,095.00	\$500.00	\$25,000.00	\$750.00	\$37,500.00
2-12	36" PVC Pipe, DR21, Class 200, Raw Sewage Force Main, Restrained, Non-Roadway	LF	50	\$1,211.19	\$60,559.50	\$800.00	\$40,000.00	\$650.00	\$32,500.00
2-13	36" MJ 45° BEND, Restrained	EA	4	\$34,462.55	\$137,850.20	\$7,750.00	\$31,000.00	\$15,000.00	\$60,000.00
2-14	36" Plug Valve, buried, manual operator	EA	1	\$80,501.54	\$80,501.54	\$71,000.00	\$71,000.00	\$65,000.00	\$65,000.00
2-15	24" PVC Pipe, DR21, CL200, Non-Restrained, Non-Roadway	LF	450	\$503.05	\$226,372.50	\$375.00	\$168,750.00	\$400.00	\$180,000.00
2-16	24" MJ 45° Wye, Restrained	EA	1	\$30,844.01	\$30,844.01	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00
2-17	24" MJ Plug Valve, buried, manual operator	EA	3	\$47,138.26	\$141,414.78	\$51,000.00	\$153,000.00	\$32,000.00	\$96,000.00
2-18	24" MJ Sleeve, Restrained	EA	4	\$18,727.03	\$74,908.12	\$11,000.00	\$44,000.00	\$11,000.00	\$44,000.00
2-19	24" MJ 45° Bend, Restrained	EA	3	\$22,529.80	\$67,589.40	\$7,000.00	\$21,000.00	\$8,000.00	\$24,000.00
2-20	24" MJ 22.5° Bend, Restrained	EA	1	\$22,437.98	\$22,437.98	\$7,000.00	\$7,000.00	\$7,500.00	\$7,500.00
2-21	Levee Crossing per USACE Typical Utility Crossing Detail	Lump Sum	1	\$124,407.93	\$124,407.93	\$118,000.00	\$118,000.00	\$65,000.00	\$65,000.00
2-22	8" Air/Vacuum Release Valves	Each	2	\$79,592.12	\$159,184.24	\$65,000.00	\$130,000.00	\$75,000.00	\$150,000.00
2-23	Install (2) 42" Line Stops and 30" bypass line above grade for bypassing FM during Tie-In @ STA 25+00.	Lump Sum	1	\$228,493.54	\$228,493.54	\$187,000.00	\$187,000.00	\$160,000.00	\$160,000.00
2-24	16" Emergency Bypass Pump Connection	Lump Sum	1	\$48,607.07	\$48,607.07	\$36,000.00	\$36,000.00	\$55,000.00	\$55,000.00
2-25	Connect to Existing 42" DIP Force Main @ STA 0+00.	Lump Sum	1	\$206,486.99	\$206,486.99	\$16,000.00	\$16,000.00	\$37,000.00	\$37,000.00
2-26	Bypass Pumping During Tie-In @ Station 0+00	Lump Sum	1	\$68,750.00	\$68,750.00	\$73,000.00	\$73,000.00	\$22,500.00	\$22,500.00
2-27	24" Tie-In @ STA 0+00 (24" PVC)	EA	1	\$207,684.09	\$207,684.09	\$16,000.00	\$16,000.00	\$27,000.00	\$27,000.00
2-28	24" FL Check valve, concrete vault, and incidentals	Lump Sum	1	\$130,344.43	\$130,344.43	\$89,000.00	\$89,000.00	\$160,000.00	\$160,000.00
2-29	Fence Removal and Replacement	Lump Sum	1	\$6,250.00	\$6,250.00	\$6,000.00	\$6,000.00	\$8,500.00	\$8,500.00
2-30	Asphalt Street Repair	LF	36	\$260.65	\$9,383.40	\$150.00	\$5,400.00	\$300.00	\$10,800.00
2-31	Gravel Surface Replacement (Class 7)	CY	81	\$210.50	\$17,050.50	\$200.00	\$16,200.00	\$125.00	\$10,125.00
2-32	Seeding, Mulching, Final Cleanup	Lump Sum	1	\$46,014.18	\$46,014.18	\$8,500.00	\$8,500.00	\$4,700.00	\$4,700.00
2-33	Route Clearing	Lump Sum	1	\$22,049.87	\$22,049.87	\$11,000.00	\$11,000.00	\$40,000.00	\$40,000.00
2-34	SWPPP Erosion Control	Lump Sum	1	\$18,190.85	\$18,190.85	\$29,000.00	\$29,000.00	\$30,000.00	\$30,000.00
2-35	Trench Excavation and Safety Systems	Lump Sum	1	\$34,746.05	\$34,746.05	\$22,000.00	\$22,000.00	\$15,000.00	\$15,000.00
2-36	Misc. and Incidental Work	Lump Sum	1	\$28,488.85	\$28,488.85	\$25,000.00	\$25,000.00	\$400,000.00	\$400,000.00
SUB-TOTAL BASE BID FOR ITEMS 2-1 THRU 2-36 (ALL PHASE 2 WORK) (TO BE USED FOR THE DEDUCTIVE ALTERNATE CALCULATIONS)				\$5,833,445.72		\$4,868,100.00		\$4,539,875.00	
TOTAL BASE BID PRICE – PHASE 1 & 2				\$13,267,820.74		\$11,689,850.00		\$10,580,542.66	

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DEDUCTIVE ALTERNATE # 1 – SUBAQUEOUS CROSSING ONLY									
The purpose of this deductive alternate bid is to provide a price reduction to the Owner to install <u>42-inch ductile iron pipe</u> and appurtenances at the Lake Langhofer (Phase 1) only. The Levee crossing, pump station yard piping, and tie-ins to existing 42-inch force main (all Phase 2 work) are hereby removed as shown on the Drawings and priced in the Base Bid (Bid Items #2-1 to 2-36). Bidder should translate total base bid price and phase 2 subtotal price from the Base Bid to fill in 'Line A and B' below. The total for this deductive alternate is Line A minus Line B.									
Item No.	Description	Item Total		Item Total		Item Total			
A	TOTAL BASE BID PRICE - PHASE 1 & 2 (Total Base Bid Price taken from above)	\$13,267,820.74		\$11,689,850.00		\$10,580,542.66			
B	TOTAL DEDUCTION FOR ALTERNATE #1 – REMOVE PHASE 2 WORK (Sub-Total of Bid Items 2-1 thru 2-36 taken from above)	\$5,833,445.72		\$4,868,100.00		\$4,539,875.00			
BASE BID LESS DEDUCTIVE ALTERNATE #1: Line A (Base Bid Pricing) - Line B (Alternate Bid Pricing)		\$7,434,375.02		\$6,821,750.00		\$6,040,667.66			
DEDUCTIVE ALTERNATE # 2 – 36" DUCTILE IRON PIPE @ LAKE CROSSING									
The purpose of this deductive alternate bid is to provide a price reduction to the Owner to install <u>36-inch epoxy lined ductile iron pipe</u> and appurtenances at the lake crossing in lieu of 42-inch force main and appurtenances as shown on the Drawings and priced in the Base Bid. Bidder should provide the unit pricing below and total in "Line B". Bidder should calculate subtotal from Base Bid unit prices (Subtotal of Bid Items #1-1 to 1-7) to 'Line A' below. The total deduction for this alternate is Line A minus Line B. The total bid price for deductive alternate #2 is calculated as follows: = Total Base Bid Price - (Total deduction for Alt #1 + Total deduction for Alt #2)									
Item No.	Description	Units	QTY	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
1	36" Ductile Iron Pipe, Epoxy Lined, Class 150, Raw Sewage Force Main, Restrained, Lake Langhofer Subaqueous Crossing	LF	630	\$1,965.00	\$1,237,950.00	\$2,000.00	\$1,260,000.00	\$2,749.40	\$1,732,122.00 (5)
2	36" Ductile Iron Ball Joint Pipe, Epoxy Lined, Class 350, Raw Sewage Force Main, Restrained, Lake Langhofer Subaqueous Crossing	LF	235	\$4,725.00	\$1,110,375.00	\$4,000.00	\$940,000.00	\$4,496.60	\$1,056,701.00 (6)
3	36" Ductile Iron Pipe, Epoxy Lined, Class 150, Raw Sewage Force Main, Restrained, Non-Roadway	LF	235	\$2,714.00	\$637,790.00	\$2,000.00	\$470,000.00	\$1,100.00	\$258,500.00
4	36" MJ DI 45° Bend, Restrained	EA	2	\$50,000.00	\$100,000.00	\$18,000.00	\$36,000.00	\$1,900.00	\$3,800.00
5	36" MJ DI 22.5° Bend, Restrained	EA	6	\$38,000.00	\$228,000.00	\$13,000.00	\$78,000.00	\$1,900.00	\$11,400.00
6	36" MJ DI 11.25° Bend, Restrained	EA	6	\$77,000.00	\$462,000.00	\$14,000.00	\$84,000.00	\$1,900.00	\$11,400.00
7	36" MJ Plug, Restrained	EA	2	\$45,000.00	\$90,000.00	\$11,000.00	\$22,000.00	\$8,504.96	\$17,009.92
B	TOTAL BID FOR THESE ITEMS FOR ALTERNATE BID #2 (36" PIPE & FITTINGS)				\$3,866,115.00	(1)	\$2,890,000.00		\$3,090,932.92 (7)
A	SUB-TOTAL BASE BID FOR ITEMS 1-1 THRU 1-7 (42" PIPE AND FITTINGS) To be calculated by Bidder From Base Bid unit pricing)				\$3,966,360.19		\$3,516,000.00		\$3,199,700.00
TOTAL DEDUCTION FOR ALTERNATE #2 Line A (Base Bid Pricing) – Line B (Alternate Bid Pricing)					\$100,245.19	(2)	\$626,000.00		\$108,767.08 (8)
TOTAL BASE BID PRICE LESS DEDUCTIVE ALTERNATES #1 + #2					\$7,334,129.83	(3)	\$6,195,750.00	(4)	\$5,931,900.58 (9)

1. Submitted Bid Form indicated \$3,966,115; addition error
2. Submitted Bid Form incorrect due to error in (1)
3. Submitted Bid Form incorrect due to (1) and (2)
4. Submitted Bid Form indicated \$3,516,000; incorrectly applied deductive alternate amounts
5. Submitted Bid Form indicated \$1,732,125; incorrectly multiplied the item total

6. Submitted Bid Form indicated \$1,056,700; incorrectly multiplied the item total
7. Submitted Bid Form Incorrect due to (5) and (6)
8. Submitted Bid Form incorrect due to (5), (6), and (7)
9. Submitted Bid Form incorrect due to (5), (6), (7) and (8)


Craig A. Johnson, PE

