

**WATER LINE AND SANITARY FORCE MAIN RELOCATION
 FOR BRIDGE REPLACEMENTS ON
 WILLOW ROAD OVER SKELETON CREEK
 EAST MARKET STREET OVER SKELETON CREEK
 EAST MARKET STREET OVER BOGGY CREEK
 ENID, OKLAHOMA
CONSTRUCTION ESTIMATE
 W-1003A & S1003A**

Engineer's Estimate

Luckinbill, Inc.

Goins Enterprises, Inc.

Nowak Construction Co.,
Inc.

**BASE BID: WATER LINE RELOCATION FOR
 BRIDGE REPLACEMENT ON WILLOW RD.
 OVER SKELETON CREEK**

	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>QTY.</u>	<u>COST</u>	<u>UNIT PRICE</u>	<u>COST</u>	<u>UNIT PRICE</u>	<u>COST</u>	<u>UNIT PRICE</u>	<u>COST</u>
Clearing and Grubbing	L. Sum	\$ 1,500.00	1	\$ 1,500.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$2,275.00	\$2,275.00
Solid Slab Sod	SY	\$ 3.50	1,800	\$ 6,300.00	\$1.50	\$2,700.00	\$2.25	\$4,050.00	\$2.50	\$4,500.00
(SP) SWPPP Documentation and Management	L. Sum	\$ 500.00	1	\$ 500.00	\$250.00	\$250.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
Erosion Control	L. Sum	\$ 1,000.00	1	\$ 1,000.00	\$250.00	\$250.00	\$1,500.00	\$1,500.00	\$1,375.00	\$1,375.00
12" PVC Waterline (C-900, DR-14)	LF	\$ 60.00	781	\$ 46,860.00	\$33.00	\$25,773.00	\$65.00	\$50,765.00	\$73.00	\$57,013.00
12" Gate Valve & Box	EA	\$ 2,000.00	2	\$ 4,000.00	\$2,800.00	\$5,600.00	\$2,875.00	\$5,750.00	\$3,000.00	\$6,000.00
6" Gate Valve & Box	EA	\$ 1,500.00	2	\$ 3,000.00	\$900.00	\$1,800.00	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00
Fire Hydrant (4.5 Bury)	EA	\$ 3,500.00	2	\$ 7,000.00	\$2,800.00	\$5,600.00	\$3,800.00	\$7,600.00	\$3,300.00	\$6,600.00
Fire Hydrant Riser	LF	\$ 500.00	6	\$ 3,000.00	\$300.00	\$1,800.00	\$250.00	\$1,500.00	\$300.00	\$1,800.00
18" Steel Encasement Pipe	LF	\$ 100.00	120	\$ 12,000.00	\$100.00	\$12,000.00	\$100.00	\$12,000.00	\$42.00	\$5,040.00
12" Solid Sleeve	EA	\$ 500.00	2	\$ 1,000.00	\$500.00	\$1,000.00	\$350.00	\$700.00	\$285.00	\$570.00
12"X12"X6" Tee	EA	\$ 500.00	2	\$ 1,000.00	\$900.00	\$1,800.00	\$500.00	\$1,000.00	\$475.00	\$950.00
12" X 45 degree Bend	EA	\$ 500.00	8	\$ 4,000.00	\$600.00	\$4,800.00	\$500.00	\$4,000.00	\$450.00	\$3,600.00
12" X 22.5 degree Bend	EA	\$ 500.00	1	\$ 500.00	\$600.00	\$600.00	\$500.00	\$500.00	\$450.00	\$450.00
12" X 11.25 degree Bend	EA	\$ 500.00	1	\$ 500.00	\$600.00	\$600.00	\$500.00	\$500.00	\$425.00	\$425.00
Mobilization	L. Sum	\$ 4,500.00	1	\$ 4,500.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$4,075.00	\$4,075.00
Construction Traffic Control	L. Sum	\$ 2,500.00	1	\$ 2,500.00	\$250.00	\$250.00	\$2,000.00	\$2,000.00	\$5,725.00	\$5,725.00
10% Contingency				\$ 9,916.00						
TOTAL BASE BID				\$ 109,076.00		\$67,823.00		\$101,965.00		\$103,398.00

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**ADD ALTERNATE NO 1: WATER LINE AND
 SANITARY FORCE MAIN RELOCATION FOR
 BRIDGE REPLACEMENT ON EAST MARKET
 ST. OVER SKELETON CREEK**

	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>QTY.</u>	<u>COST</u>	<u>UNIT PRICE</u>	<u>COST</u>	<u>UNIT PRICE</u>	<u>COST</u>	<u>UNIT PRICE</u>	<u>COST</u>
Clearing and Grubbing	L. Sum	\$ 1,500.00	1	\$ 1,500.00	\$2,000.00	\$2,000.00	\$3,025.00	\$3,025.00	\$5,000.00	\$5,000.00
Solid Slab Sod	SY	\$ 3.50	2,500	\$ 8,750.00	\$1.50	\$3,750.00	\$2.50	\$6,250.00	\$2.25	\$5,625.00
(SP) SWPPP Documentation and Management	L. Sum	\$ 500.00	1	\$ 500.00	\$250.00	\$250.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
Erosion Control	L. Sum	\$ 1,000.00	1	\$ 1,000.00	\$250.00	\$250.00	\$1,375.00	\$1,375.00	\$2,200.00	\$2,200.00
12" PVC Waterline (C-900, DR-14)	LF	\$ 60.00	1,131	\$ 67,860.00	\$39.00	\$44,109.00	\$50.00	\$56,550.00	\$65.00	\$73,515.00
12" Gate Valve & Box	EA	\$ 2,000.00	2	\$ 4,000.00	\$2,800.00	\$5,600.00	\$2,975.00	\$5,950.00	\$2,875.00	\$5,750.00
12" Solid Sleeve	EA	\$ 500.00	2	\$ 1,000.00	\$500.00	\$1,000.00	\$700.00	\$1,400.00	\$350.00	\$700.00
18" Steel Encasement Pipe	LF	\$ 100.00	100	\$ 10,000.00	\$100.00	\$10,000.00	\$44.00	\$4,400.00	\$100.00	\$10,000.00
6" Gate Valve & Box	EA	\$ 1,500.00	1	\$ 1,500.00	\$900.00	\$900.00	\$925.00	\$925.00	\$800.00	\$800.00
12" X 6" TEE	EA	\$ 500.00	1	\$ 500.00	\$600.00	\$600.00	\$475.00	\$475.00	\$500.00	\$500.00
12" X 45 degree Bend	EA	\$ 500.00	8	\$ 4,000.00	\$600.00	\$4,800.00	\$425.00	\$3,400.00	\$500.00	\$4,000.00
Relocate Water Meter W/ Single Long Service	EA	\$ 800.00	1	\$ 800.00	\$250.00	\$250.00	\$800.00	\$800.00	\$1,000.00	\$1,000.00
Mobilization	L. Sum	\$ 3,500.00	1	\$ 3,500.00	\$1,000.00	\$1,000.00	\$3,075.00	\$3,075.00	\$2,500.00	\$2,500.00
Construction Traffic Control	L. Sum	\$ 2,500.00	1	\$ 2,500.00	\$250.00	\$250.00	\$1,100.00	\$1,100.00	\$2,000.00	\$2,000.00
Air Relief Valve & Box	EA	\$ 1,500.00	2	\$ 3,000.00	\$2,200.00	\$4,400.00	\$2,400.00	\$4,800.00	\$3,000.00	\$6,000.00
11" HDPE San. Sewer Force Main Dir. Bore	LF	\$ 125.00	160	\$ 20,000.00	\$100.00	\$16,000.00	\$85.00	\$13,600.00	\$125.00	\$20,000.00
10% Contingency				\$ 13,041.00						
TOTAL BASE BID				\$ 143,451.00		\$95,159.00		\$108,125.00		\$140,590.00

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**ADD ALTERNATE NO 2: WATER LINE
 RELOCATION FOR BRIDGE REPLACEMENT
 ON EAST MARKET ST. OVER BOGGY CREEK**

		<u>UNIT</u>	<u>UNIT PRICE</u>	<u>QTY.</u>	<u>COST</u>	<u>UNIT PRICE</u>	<u>COST</u>	<u>UNIT PRICE</u>	<u>COST</u>	<u>UNIT PRICE</u>	<u>COST</u>
Clearing and Grubbing	L. Sum		\$ 1,500.00	1	\$ 1,500.00	\$1,000.00	\$1,000.00	\$2,025.00	\$2,025.00	\$5,000.00	\$5,000.00
Solid Slab Sod	SY		\$ 3.50	2,200	\$ 7,700.00	\$1.50	\$3,300.00	\$2.50	\$5,500.00	\$2.25	\$4,950.00
(SP) SWPPP Documentation and Management	L. Sum		\$ 500.00	1	\$ 500.00	\$250.00	\$250.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
Erosion Control	L. Sum		\$ 1,000.00	1	\$ 1,000.00	\$250.00	\$250.00	\$1,375.00	\$1,375.00	\$1,600.00	\$1,600.00
12" PVC Waterline (C-900, DR-14)	LF		\$ 60.00	888	\$ 53,280.00	\$36.00	\$31,968.00	\$52.00	\$46,176.00	\$65.00	\$57,720.00
12" Gate Valve & Box	EA		\$ 2,000.00	4	\$ 8,000.00	\$2,800.00	\$11,200.00	\$3,000.00	\$12,000.00	\$2,875.00	\$11,500.00
12" Solid Sleeve	EA		\$ 500.00	4	\$ 2,000.00	\$500.00	\$2,000.00	\$475.00	\$1,900.00	\$350.00	\$1,400.00
18" Steel Encasement Pipe	LF		\$ 100.00	160	\$ 16,000.00	\$100.00	\$16,000.00	\$42.00	\$6,720.00	\$100.00	\$16,000.00
12" X 45 degree Bend	EA		\$ 500.00	8	\$ 4,000.00	\$600.00	\$4,800.00	\$450.00	\$3,600.00	\$500.00	\$4,000.00
12" X 22.5 degree Bend	EA		\$ 500.00	2	\$ 1,000.00	\$600.00	\$1,200.00	\$450.00	\$900.00	\$500.00	\$1,000.00
12" X 11.25 degree Bend	EA		\$ 500.00	2	\$ 1,000.00	\$600.00	\$1,200.00	\$450.00	\$900.00	\$500.00	\$1,000.00
Mobilization	L. Sum		\$ 2,500.00	1	\$ 2,500.00	\$1,000.00	\$1,000.00	\$3,100.00	\$3,100.00	\$2,500.00	\$2,500.00
Construction Traffic Control	L. Sum		\$ 1,500.00	1	\$ 1,500.00	\$250.00	\$250.00	\$1,100.00	\$1,100.00	\$2,000.00	\$2,000.00
10% Contingency					\$ 9,998.00						
TOTAL BASE BID					\$ 109,978.00		\$74,418.00		\$86,296.00		\$109,670.00

TOTAL OF BASE, ALT. 1 & ALT. 2

\$ 362,505

\$237,400.00

\$296,386.00

\$353,658.00