

**CLAYTON COUNTY WATER AUTHORITY  
ANNUAL CONTRACT FOR CASED ROADWAY / RAILROAD BORES  
BID RECOMMENDATION**

				<b>TURPIN, INC.</b>	
No.	Work Item	Unit	Est. Quantity	Unit Price	Extended Amount
	<b>Mobilization/Demobilization</b>				
1	Mobilization/Demobilization	LS	4	\$ 1000.00	\$ 4,000.00
	<b>Temporary Erosion Control</b>				
2	Erosion Control Silt Fence DOT Type A	LF	400	\$ 1.50	\$ 600.00
3	Erosion Control Silt Fence DOT Type B	LF	1	\$ 3.00	\$ 3.00
4	Erosion Control Silt Fence DOT Type C	LF	1	\$ 5.00	\$ 5.00
5	Erosion Control Hay	EA	1	\$ 7.50	\$ 7.50
6	Check Dam, Ditch	EA	1	\$ 800.00	\$ 800.00
7	Check Dam, Creek	EA	1	\$ 900.00	\$ 900.00
8	Silt Control Gate, at inlet structure	EA	1	\$ 950.00	\$ 950.00
	<b>Construction Access</b>				
9	Construction Exit, for ingress/egress	EA	1	\$ 350.00	\$ 350.00
10	Clearing R/W (per square yard)	SY	1	\$ 5.50	\$ 5.50
11	Access Road, including clearing & rough grading	SF	1	\$ 5.50	\$ 5.50
12	Crushed Stone for access road, including fabric	Ton	1	\$ 100.00	\$ 100.00
13	Access Boards 4'x8', for protection of lawns, drives, etc.	EA	1	\$ 150.00	\$ 150.00
	<b>Traffic Control</b>				
14	DOT Standard Single Lane Closure, including Advance Warning Signs, Arrow Board & Traffic Barrels Per Day	EA	2	\$ 100.00	\$ 200.00
15	Variable Message Sign Per Day	EA	1	\$ 150.00	\$ 150.00
16	Arrow Board Per Day	EA	1	\$ 150.00	\$ 150.00
17	Roadway Traffic Plates (5'x10') Per Day	EA	1	\$ 50.00	\$ 50.00
18	Concrete barriers (per day)	EA	1	\$ 50.00	\$ 50.00
	<b>Miscellaneous Items</b>				
19	Saw Cut Asphalt 0 to 8" Thick	LF	1	\$ 15.00	\$ 15.00
20	Asphalt Removal, including disposal	SY	4	\$ 15.00	\$ 60.00

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21	Saw Cut Concrete 0 to 8" Thick	LF	1	\$ 20.00	\$ 20.00
22	Concrete Removal, including disposal	SY	1	\$ 25.00	\$ 25.00
23	Crushed Stone Base Replacement	Ton	15	\$ 50.00	\$ 750.00
	<b>Bore Pit (Receiving Pit, if required)</b>				
24	Bore Pit, including trench box shoring (0' to 12')	VF	10	\$ 100.00	\$ 1,000.00
25	Bore Pit, including trench box shoring (13' to 18')	VF	10	\$ 250.00	\$ 2,500.00
26	Bore Pit, including trench box shoring (over 18')	VF	8	\$ 500.00	\$ 4,000.00
27	Receiving Pit, including trench box shoring (0'to 12')	VF	1	\$ 75.00	\$ 75.00
28	Receiving Pit, including trench box shoring (13'to 18')	VF	10	\$ 75.00	\$ 750.00
29	Receiving Pit, including trench box shoring (over 18')	VF	8	\$ 300.00	\$ 2,400.00
30	Foundation Stabilization Crushed Stone	Ton	20	\$ 50.00	\$ 1,000.00
31	Dewatering Pit (setup & operation)	Day	1	\$ 50.00	\$ 50.00
32	Concrete Base for Boring Machine (as required)	CY	1	\$ 150.00	\$ 150.00
	<b>Bore Construction</b>				
33	12" Non Steered	LF	200	\$ 130.00	\$ 26,000.00
34	12" Steered	LF	11	\$ 180.00	\$ 1,980.00
35	12" Rock Bore (using standard rock head) additional per foot	LF	1	\$ 75.00	\$ 75.00
36	12" Rock Bore (using specialized Robbins head) additional per foot	LF	1	\$ 300.00	\$ 300.00
37	18" Non Steered	LF	200	\$ 150.00	\$ 30,000.00
38	18" Steered	LF	1	\$ 185.00	\$ 185.00
39	18" Rock Bore (using standard rock head) additional per foot	LF	1	\$ 85.00	\$ 85.00
40	18" Rock Bore (using specialized Robbins head) additional per foot	LF	1	\$ 350.00	\$ 350.00
41	24" Non Steered	LF	1	\$ 245.00	\$ 245.00
42	24" Steered	LF	60	\$ 265.00	\$ 15,900.00
43	24" Rock Bore (using standard rock head) additional per foot	LF	10	\$ 100.00	\$ 1,000.00
44	24" Rock Bore (using specialized Robbins head) additional per foot	LF	2	\$ 600.00	\$ 1,200.00
45	30" Non Steered	LF	1	\$ 300.00	\$ 300.00

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46	30" Steered	LF	1	\$ 300.00	\$ 300.00
47	30" Rock Bore (using standard rock head) additional per foot	LF	1	\$ 125.00	\$ 125.00
<b>Bore Construction (Cont'd)</b>					
48	30" Rock Bore (using specialized Robbins head) additional per foot	LF	1	\$ 650.00	\$ 650.00
49	36" Non Steered	LF	1	\$ 325.00	\$ 325.00
50	36" Steered	LF	1	\$ 350.00	\$ 350.00
51	36" Rock Bore (using standard rock head) additional per foot	LF	1	\$ 150.00	\$ 150.00
52	36" Rock Bore (using specialized Robbins head) additional per foot	LF	1	\$ 650.00	\$ 650.00
53	42" Non Steered	LF	40	\$ 375.00	\$ 15,000.00
54	42" Steered	LF	1	\$ 375.00	\$ 375.00
55	42" Rock Bore (using standard rock head) additional per foot	LF	1	\$ 150.00	\$ 150.00
56	42" Rock Bore (using specialized Robbins head) additional per foot	LF	1	\$ 750.00	\$ 750.00
57	48" Non Steered	LF	1	\$ 450.00	\$ 450.00
58	48" Steered	LF	1	\$ 450.00	\$ 450.00
59	48" Rock Bore (using standard rock head) additional per foot	LF	1	\$ 200.00	\$ 200.00
60	48" Rock Bore (using specialized Robbins head) additional per foot	LF	1	\$ 850.00	\$ 850.00
<b>Pipe Insertion</b>					
61	6" – 12" without spacers	LF	1	\$ 5.00	\$ 5.00
62	6" – 12" with casing spacers	LF	200	\$ 5.00	\$ 1,000.00
63	16" – 24" without spacers	LF	200	\$ 5.00	\$ 1,000.00
64	16" – 24" with casing spacers	LF	1	\$ 15.00	\$ 15.00
65	24" – 36" without spacers	LF	1	\$ 15.00	\$ 15.00
66	24" – 36" with casing spacers	LF	100	\$ 15.00	\$ 1,500.00
<b>Grouting</b>					
67	Pressure Grouting per cubic yard	CY	1	\$ 500.00	\$ 500.00
<b>TOTAL BID AMOUNT</b>					<b>\$ 123,701.50</b>