

August 21, 2018



Williamson County Purchasing Department
901 S. Austin Ave
Georgetown, Texas 78626

Attention: Kerstin Hancock
Deputy Purchasing Agent

Re: Williamson County Road Bond Program
CR 200 at SH 29-Loop 332
Williamson County Project No. 1805-232
Recommendation of Contractor Award

Dear Ms. Hancock,

Please find attached the bid tabulations for the subject-referenced project. The bids have been reviewed and the apparent low bid (Cox Commercial Construction) was found to be responsive, mathematically correct, and materially balanced. Following is a summary of the bid totals:

1.	Cox Commercial Construction	\$1,705,061.70
2.	MA Smith Contracting	\$1,758,945.15
3.	Pro Dirt Services	\$2,011,025.29
4.	Austin Engineering	\$2,033,731.75
5.	Aaron Concrete Contractors	\$2,197,796.95

The bidding was competitive with the lowest two bidders being within 3% of each other.

In addition to meeting the bid qualifications subject to being low bidder, Cox Commercial Construction is currently the prime contractor performing similar work on CR 200 at Bold Sundown, a Road Bond Program project. They were also the Prime Contractor on RM 620, Ph 2 and Bill Pickett Trail. Based on the low bid of \$1,705,061.70 and the previous quality of work, we concur with the Design Engineer's, O'Brien Engineering, Recommendation of Award for the CR 200 at SH 29-Loop 332 construction contract to Cox Commercial Construction.

Please feel free to contact our office with any questions.

Respectfully Submitted,

HNTB Corporation



James Klotz, P.E.

VIA E-MAIL

Attachments: Bid Tabulation Analysis, Engineer's Letter of Recommendation, Form 1295

Cc: Judge Gattis, Williamson County Judge
Commissioner Birkman, Williamson County, Pct. 1
Commissioner Long, Williamson County, Pct. 2
Commissioner Covey, Williamson County, Pct. 3
Commissioner Madsen, Williamson County, Pct. 4
Robert Daigh, Williamson County
Terron Evertson, Williamson County
Mike Weaver, Prime Strategies, Inc.
Richard Ridings, HNTB Corporation

Bid Comparison

Bidder	Bid Amount	Rank	Difference from Engineer's Estimate (\$)	Difference from Engineer's Estimate (%)	Difference from Low Bid (\$)	Difference from Low Bid (%)
Cox Commercial Construction	\$1,705,061.70	1	\$134,786.97	8.6%	-	-
MA Smith Contracting	\$1,758,946.15	2	\$188,671.42	12.0%	\$ 53,884.45	3.2%
Pro Dirt Services	\$2,011,025.59	3	\$440,750.86	28.1%	\$ 305,963.89	17.9%
Austin Engineering	\$2,033,731.75	4	\$463,457.02	29.5%	\$ 328,670.05	19.3%
Aaron Concrete Contractors	\$2,197,796.95	5	\$627,522.22	40.0%	\$ 492,735.25	24.2%

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		Cox Commercial Construction		MA Smith Contracting	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
1	100-6002	PREPARING ROW	16	STA	\$ 1,000.00	\$ 16,000.00	\$ 5,000.00	\$ 80,000.00	\$ 3,000.00	\$ 48,000.00
2	105-6020	REMOVING STAB BASE & ASPH PAV (12")	133	SY	\$ 10.00	\$ 1,330.00	\$ 45.00	\$ 5,985.00	\$ 10.00	\$ 1,330.00
3	110-6001	EXCAVATION (RDWY)	4008	CY	\$ 15.00	\$ 60,120.00	\$ 25.00	\$ 100,200.00	\$ 25.00	\$ 100,200.00
4	132-6005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	1903	CY	\$ 16.00	\$ 30,448.00	\$ 25.00	\$ 47,575.00	\$ 35.00	\$ 66,605.00
5	160-6003	FURNISHIING & PLACING TOPSOIL (4")	6723	SY	\$ 2.80	\$ 18,824.40	\$ 2.20	\$ 14,790.60	\$ 1.70	\$ 11,429.10
6	161-6027	EROSION CONTROL COMPOST (3")	1681	SY	\$ 3.50	\$ 5,883.50	\$ 3.00	\$ 5,043.00	\$ 4.50	\$ 7,564.50
7	164-6009	BROADCAST SEED(TEMP)(WARM)	3362	SY	\$ 0.40	\$ 1,344.80	\$ 0.20	\$ 672.40	\$ 0.20	\$ 672.40
8	164-6011	BROADCAST SEED(TEMP)(COOL)	3362	SY	\$ 0.40	\$ 1,344.80	\$ 0.20	\$ 672.40	\$ 0.20	\$ 672.40
9	166-6002	FERTILIZER	0.40	TON	\$ 2,000.00	\$ 800.00	\$ 1,000.00	\$ 400.00	\$ 1,200.00	\$ 480.00
10	168-6001	VEGETATIVE WATERING	101	MG	\$ 35.00	\$ 3,535.00	\$ 20.00	\$ 2,020.00	\$ 20.00	\$ 2,020.00
11	169-6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	4000	SY	\$ 5.00	\$ 20,000.00	\$ 1.20	\$ 4,800.00	\$ 1.50	\$ 6,000.00
12	247-6044	FL BS (CMB IN PLC)(TY A GR 4)(FNAL POS)	2381	CY	\$ 45.00	\$ 107,145.00	\$ 48.50	\$ 115,478.50	\$ 50.00	\$ 119,050.00
13	310-6001	PRIME COAT (MULTI OPTION)	1427	GAL	\$ 5.50	\$ 7,848.50	\$ 4.00	\$ 5,708.00	\$ 4.00	\$ 5,708.00
14	340-6011	D-GR HMA (SQ) TY-B PG64-22	1403	TON	\$ 125.00	\$ 175,375.00	\$ 74.00	\$ 103,822.00	\$ 80.00	\$ 112,240.00
15	340-6122	D-GR HMA(SQ) TY-D PG70-22	842	TON	\$ 185.00	\$ 155,770.00	\$ 100.00	\$ 84,200.00	\$ 110.00	\$ 92,620.00
16	340-6246	D-GR HMA(SQ) TY-D PG64-22 (LEVEL-UP)	751	TON	\$ 130.00	\$ 97,630.00	\$ 100.00	\$ 75,100.00	\$ 110.00	\$ 82,610.00
17	402-6001	TRENCH EXCAVATION PROTECTION	570	LF	\$ 3.00	\$ 1,710.00	\$ 1.00	\$ 570.00	\$ 1.00	\$ 570.00
18	416-6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	13	LF	\$ 280.00	\$ 3,640.00	\$ 400.00	\$ 5,200.00	\$ 330.00	\$ 4,290.00
19	416-6034	DRILL SHAFT (TRF SIG POLE) (48 IN)	44	LF	\$ 400.00	\$ 17,600.00	\$ 425.00	\$ 18,700.00	\$ 425.00	\$ 18,700.00
20	432-6006	RIPRAP (CONC)(CL B)	81	CY	\$ 515.00	\$ 41,715.00	\$ 900.00	\$ 72,900.00	\$ 470.00	\$ 38,070.00
21	462-6001	CONC BOX CULV (3FT X 2FT)	577	LF	\$ 268.25	\$ 154,780.25	\$ 250.00	\$ 144,250.00	\$ 250.00	\$ 144,250.00
22	464-6003	RC PIPE (CL III)(18 IN)	268	LF	\$ 75.00	\$ 20,100.00	\$ 95.00	\$ 25,460.00	\$ 71.00	\$ 19,028.00
23	464-6005	RC PIPE (CL III)(24 IN)	123	LF	\$ 90.00	\$ 11,070.00	\$ 110.00	\$ 13,530.00	\$ 90.00	\$ 11,070.00
24	465-6220	INLET (COMPL)(DROP)(TY 3)	1	EA	\$ 5,000.00	\$ 5,000.00	\$ 3,500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00
25	465-6221	INLET (COMPL)(DROP)(TY 3A)	4	EA	\$ 4,000.00	\$ 16,000.00	\$ 3,500.00	\$ 14,000.00	\$ 4,000.00	\$ 16,000.00
26	467-6116	SET (TY 1)(S=3FT)(HW=4FT)(6:1)(P)	1	EA	\$ 6,500.00	\$ 6,500.00	\$ 10,000.00	\$ 10,000.00	\$ 6,000.00	\$ 6,000.00
27	467-6391	SET (TY II)(24 IN)(RCP)(4:1)(P)	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 2,500.00	\$ 5,000.00	\$ 2,000.00	\$ 4,000.00
28	500-6001	MOBILIZATION	1	LS	\$ 113,353.68	\$ 113,353.68	\$ 165,000.00	\$ 165,000.00	\$ 160,000.00	\$ 160,000.00
29	502-WC01	BARRICADES, SIGNS, AND TRAFFIC HANDLING	6	MO	\$ 4,500.00	\$ 27,000.00	\$ 7,500.00	\$ 45,000.00	\$ 7,000.00	\$ 42,000.00
30	506-6002	ROCK FILTER DAMS(INSTALL)(TY 2)	170	LF	\$ 32.00	\$ 5,440.00	\$ 22.00	\$ 3,740.00	\$ 28.00	\$ 4,760.00
31	506-6011	ROCK FILTER DAMS(REMOVE)	170	LF	\$ 15.00	\$ 2,550.00	\$ 7.00	\$ 1,190.00	\$ 15.00	\$ 2,550.00
32	506-6020	CONSTRUCTION EXITS (INSTALL)(TY I)	200	SY	\$ 20.00	\$ 4,000.00	\$ 10.00	\$ 2,000.00	\$ 16.00	\$ 3,200.00
33	506-6024	CONSTRUCTION EXITS (REMOVE)	200	SY	\$ 10.00	\$ 2,000.00	\$ 5.00	\$ 1,000.00	\$ 12.00	\$ 2,400.00
34	506-6041	BIODEG EROSN CONT LOGS(INSTL)(12")	609	LF	\$ 4.60	\$ 2,801.40	\$ 4.00	\$ 2,436.00	\$ 5.00	\$ 3,045.00
35	506-6043	BIODEG EROSN CONT LOGS(REMOVE)	609	LF	\$ 1.00	\$ 609.00	\$ 1.00	\$ 609.00	\$ 1.25	\$ 761.25
36	508-6001	CONSTRUCTING DETOURS	88	SY	\$ 200.00	\$ 17,600.00	\$ 100.00	\$ 8,800.00	\$ 100.00	\$ 8,800.00
37	530-6004	DRIVEWAYS (CONC)	347	SY	\$ 85.00	\$ 29,495.00	\$ 110.00	\$ 38,170.00	\$ 90.00	\$ 31,230.00
38	530-6005	DRIVEWAYS (ACP)	495	SY	\$ 40.00	\$ 19,800.00	\$ 50.00	\$ 24,750.00	\$ 40.00	\$ 19,800.00
39	530-6008	TURNOUTS (ACP)	13	SY	\$ 50.00	\$ 650.00	\$ 155.00	\$ 2,015.00	\$ 140.00	\$ 1,820.00

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		Cox Commercial Construction		MA Smith Contracting	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
40	531-6024	CURB RAMPS (TY 7)	2	EA	\$ 150.00	\$ 300.00	\$ 1,500.00	\$ 3,000.00	\$ 1,800.00	\$ 3,600.00
41	618-6046	CONDT (PVC) (SCH 80) (2")	145	LF	\$ 10.00	\$ 1,450.00	\$ 15.00	\$ 2,175.00	\$ 27.00	\$ 3,915.00
42	620-6007	ELEC CONDR (NO.8) BARE	1235	LF	\$ 1.15	\$ 1,420.25	\$ 1.20	\$ 1,482.00	\$ 2.25	\$ 2,778.75
43	620-6008	ELEC CONDR (NO.8) INSULATED	1984	LF	\$ 1.35	\$ 2,678.40	\$ 1.30	\$ 2,579.20	\$ 2.25	\$ 4,464.00
44	624-6008	GROUND BOX TY C (162911)W/APRON	3	EA	\$ 1,300.00	\$ 3,900.00	\$ 1,000.00	\$ 3,000.00	\$ 2,500.00	\$ 7,500.00
45	644-6001	INS SM RD SN SUP & AM TY 10BWG(1)SA(P)	19	EA	\$ 750.00	\$ 14,250.00	\$ 450.00	\$ 8,550.00	\$ 550.00	\$ 10,450.00
46	644-6004	INS SM RD SN SUP & AM TY 10BWG(1)SA(T)	7	EA	\$ 500.00	\$ 3,500.00	\$ 600.00	\$ 4,200.00	\$ 600.00	\$ 4,200.00
47	644-6060	INS SM RD SN SUP & AM TY TWT(1)WS(P)	2	EA	\$ 850.00	\$ 1,700.00	\$ 350.00	\$ 700.00	\$ 500.00	\$ 1,000.00
48	644-6076	REMOVE SM RD SN SUP & AM	14	EA	\$ 250.00	\$ 3,500.00	\$ 50.00	\$ 700.00	\$ 160.00	\$ 2,240.00
49	662-6002	WK ZN PAV MRK NON-REMOV (W)4"(SLD)	2699	LF	\$ 0.55	\$ 1,484.45	\$ 1.00	\$ 2,699.00	\$ 3.50	\$ 9,446.50
50	662-6012	WK ZN PAV MRK NON-REMOV (W)8"(SLD)	1144	LF	\$ 0.40	\$ 457.60	\$ 2.00	\$ 2,288.00	\$ 5.00	\$ 5,720.00
51	662-6016	WK ZN PAV MRK NON-REMOV (W)24"(SLD)	71	LF	\$ 5.50	\$ 390.50	\$ 8.50	\$ 603.50	\$ 15.00	\$ 1,065.00
52	662-6017	WK ZN PAV MRK NON-REMOV (W)(ARROW)	7	EA	\$ 75.00	\$ 525.00	\$ 70.00	\$ 490.00	\$ 225.00	\$ 1,575.00
53	662-6018	WK ZN PAV MRK NON-REMOV (W)(DBL ARW)	1	EA	\$ 100.00	\$ 100.00	\$ 120.00	\$ 120.00	\$ 230.00	\$ 230.00
54	662-6023	WK ZN PAV MRK NON-REMOV (W)(RR XING)	2	EA	\$ 600.00	\$ 1,200.00	\$ 260.00	\$ 520.00	\$ 475.00	\$ 950.00
55	662-6029	WK ZN PAV MRK NON-REMOV (W)(WORD)	4	EA	\$ 80.00	\$ 320.00	\$ 80.00	\$ 320.00	\$ 225.00	\$ 900.00
56	662-6034	WK ZN PAV MRK NON-REMOV (Y)4"(SLD)	2572	LF	\$ 0.25	\$ 643.00	\$ 1.00	\$ 2,572.00	\$ 3.25	\$ 8,359.00
57	662-6109	WK ZN PAV MRK SHT TERM (TAB) TY W	193	EA	\$ 1.50	\$ 289.50	\$ 1.00	\$ 193.00	\$ 2.50	\$ 482.50
58	662-6110	WK ZN PAV MRK SHT TERM (TAB) TY Y	130	EA	\$ 1.50	\$ 195.00	\$ 1.00	\$ 130.00	\$ 6.00	\$ 780.00
59	666-6006	REFL PAV MRK TY I(W)4"(DOT)(100 MIL)	202	LF	\$ 1.00	\$ 202.00	\$ 0.60	\$ 121.20	\$ 2.50	\$ 505.00
60	666-6036	REFL PAV MRK TY I(Y)8"(SLD)(100 MIL)	1252	LF	\$ 1.00	\$ 1,252.00	\$ 1.10	\$ 1,377.20	\$ 1.25	\$ 1,565.00
61	666-6042	REFL PAV MRK TY I(W)12"(SLD)(100 MIL)	185	LF	\$ 2.00	\$ 370.00	\$ 3.00	\$ 555.00	\$ 5.50	\$ 1,017.50
62	666-6048	REFL PAV MRK TY I(W)24"(SLD)(100 MIL)	357	LF	\$ 6.00	\$ 2,142.00	\$ 5.50	\$ 1,963.50	\$ 9.25	\$ 3,302.25
63	666-6054	REFL PAV MRK TY I(W)(ARROW)(100 MIL)	10	EA	\$ 94.55	\$ 945.50	\$ 110.00	\$ 1,100.00	\$ 160.00	\$ 1,600.00
64	666-6078	REFL PAV MRK TY I(W)(WORD)(100 MIL)	10	EA	\$ 130.00	\$ 1,300.00	\$ 125.00	\$ 1,250.00	\$ 165.00	\$ 1,650.00
65	666-6093	REFL PAV MRK TY I(W)(RR XING)(100 MIL)	2	EA	\$ 600.00	\$ 1,200.00	\$ 290.00	\$ 580.00	\$ 950.00	\$ 1,900.00
66	666-6126	REFL PAV MRK TY I(Y)4"(SLD)(100 MIL)	3082	LF	\$ 0.50	\$ 1,541.00	\$ 0.60	\$ 1,849.20	\$ 1.05	\$ 3,236.10
67	666-6167	REFL PAV MRK TY II(W)4"(BRK)	415	LF	\$ 1.00	\$ 415.00	\$ 0.50	\$ 207.50	\$ 0.35	\$ 145.25
68	666-6168	REFL PAV MRK TY II(W)4"(DOT)	202	LF	\$ 1.00	\$ 202.00	\$ 0.50	\$ 101.00	\$ 0.75	\$ 151.50
69	666-6178	REFL PAV MRK TY II(W)8"(SLD)	1125	LF	\$ 0.70	\$ 787.50	\$ 1.00	\$ 1,125.00	\$ 0.65	\$ 731.25
70	666-6180	REFL PAV MRK TY II(W)12"(SLD)	128	LF	\$ 1.50	\$ 192.00	\$ 1.10	\$ 140.80	\$ 1.25	\$ 160.00
71	666-6182	REFL PAV MRK TY II(W)24"(SLD)	332	LF	\$ 3.00	\$ 996.00	\$ 2.30	\$ 763.60	\$ 1.85	\$ 614.20
72	666-6184	REFL PAV MRK TY II(W)(ARROW)	6	EA	\$ 40.00	\$ 240.00	\$ 70.00	\$ 420.00	\$ 80.00	\$ 480.00
73	666-6192	REFL PAV MRK TY II(W)(WORD)	6	EA	\$ 50.00	\$ 300.00	\$ 80.00	\$ 480.00	\$ 90.00	\$ 540.00
74	666-6196	REFL PAV MRK TY II(W)(RR XING)	2	EA	\$ 200.00	\$ 400.00	\$ 140.00	\$ 280.00	\$ 145.00	\$ 290.00
75	666-6300	RE PM W/RET REQ TY I (W) 4" (BRK) (100 MIL)	415	LF	\$ 0.35	\$ 145.25	\$ 0.60	\$ 249.00	\$ 1.05	\$ 435.75
76	666-6303	RE PM W/RET REQ TY I (W) 4" (SLD) (100 MIL)	1646	LF	\$ 0.50	\$ 823.00	\$ 0.60	\$ 987.60	\$ 1.25	\$ 2,057.50
77	666-6312	RE PM W/RET REQ TY I (Y) 4" (BRK) (100 MIL)	425	LF	\$ 0.40	\$ 170.00	\$ 0.60	\$ 255.00	\$ 1.05	\$ 446.25
78	666-6323	RE PM W/RET REQ TY II (W) 4" (SLD) (100 MIL)	2437	LF	\$ 0.30	\$ 731.10	\$ 0.40	\$ 974.80	\$ 0.30	\$ 731.10

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		Cox Commercial Construction		MA Smith Contracting	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
79	666-6326	RE PM W/RET REQ TY II (Y) 4" (BRK) (100 MIL)	425	LF	\$ 1.00	\$ 425.00	\$ 0.40	\$ 170.00	\$ 0.35	\$ 148.75
80	666-6327	RE PM W/RET REQ TY II (Y) 4" (SLD) (100 MIL)	3082	LF	\$ 0.30	\$ 924.60	\$ 0.40	\$ 1,232.80	\$ 0.30	\$ 924.60
81	672-6007	REFL PAV MRKR TY I-C	64	EA	\$ 3.50	\$ 224.00	\$ 5.50	\$ 352.00	\$ 9.00	\$ 576.00
82	672-6009	REFL PAV MRKR TY II-A-A	112	EA	\$ 3.00	\$ 336.00	\$ 5.50	\$ 616.00	\$ 5.00	\$ 560.00
83	677-6001	ELIM EXT PAV MRK & MRKS (4")	7289	LF	\$ 1.00	\$ 7,289.00	\$ 1.00	\$ 7,289.00	\$ 1.50	\$ 10,933.50
84	677-6003	ELIM EXT PAV MRK & MRKS (8")	586	LF	\$ 1.00	\$ 586.00	\$ 1.30	\$ 761.80	\$ 3.00	\$ 1,758.00
85	677-6007	ELIM EXT PAV MRK & MRKS (24")	152	LF	\$ 3.00	\$ 456.00	\$ 4.30	\$ 653.60	\$ 9.00	\$ 1,368.00
86	677-6008	ELIM EXT PAV MRK & MRKS (ARROWS)	1	EA	\$ 100.00	\$ 100.00	\$ 200.00	\$ 200.00	\$ 180.00	\$ 180.00
87	677-6009	ELIM EXT PAV MRK & MRKS (DBL ARROWS)	1	EA	\$ 100.00	\$ 100.00	\$ 350.00	\$ 350.00	\$ 230.00	\$ 230.00
88	677-6009	ELIM EXT PAV MRK & MRKS (RR X-INGS)	2	EA	\$ 200.00	\$ 400.00	\$ 475.00	\$ 950.00	\$ 300.00	\$ 600.00
89	680-6004	REMOVING TRAFFIC SIGNALS	3	EA	\$ 4,500.00	\$ 13,500.00	\$ 1,500.00	\$ 4,500.00	\$ 770.00	\$ 2,310.00
90	680-6011	INSTALL HWY TRF SIG (UPGRADE)	1	EA	\$ 25,000.00	\$ 25,000.00	\$ 20,000.00	\$ 20,000.00	\$ 27,000.00	\$ 27,000.00
91	682-6001	VEH SIG SEC (12")LED(GRN)	10	EA	\$ 250.00	\$ 2,500.00	\$ 270.00	\$ 2,700.00	\$ 300.00	\$ 3,000.00
92	682-6002	VEH SIG SEC (12")LED(GRN ARW)	6	EA	\$ 250.00	\$ 1,500.00	\$ 270.00	\$ 1,620.00	\$ 300.00	\$ 1,800.00
93	682-6003	VEH SIG SEC (12")LED(YEL)	10	EA	\$ 250.00	\$ 2,500.00	\$ 270.00	\$ 2,700.00	\$ 300.00	\$ 3,000.00
94	682-6004	VEH SIG SEC (12")LED(YEL ARW)	12	EA	\$ 250.00	\$ 3,000.00	\$ 270.00	\$ 3,240.00	\$ 300.00	\$ 3,600.00
95	682-6005	VEH SIG SEC (12")LED(RED)	10	EA	\$ 250.00	\$ 2,500.00	\$ 270.00	\$ 2,700.00	\$ 300.00	\$ 3,000.00
96	682-6006	VEH SIG SEC (12")LED(RED ARW)	6	EA	\$ 250.00	\$ 1,500.00	\$ 270.00	\$ 1,620.00	\$ 300.00	\$ 1,800.00
97	682-6018	PED SIG SEC (LED)(COUNTDOWN)	2	EA	\$ 600.00	\$ 1,200.00	\$ 1,000.00	\$ 2,000.00	\$ 725.00	\$ 1,450.00
98	682-6023	BACK PLATE (12")(3 SEC)	11	EA	\$ 80.00	\$ 880.00	\$ 90.00	\$ 990.00	\$ 50.00	\$ 550.00
99	682-6024	BACK PLATE (12")(4 SEC)	2	EA	\$ 100.00	\$ 200.00	\$ 100.00	\$ 200.00	\$ 60.00	\$ 120.00
100	682-6025	BACK PLATE (12")(5 SEC)	2	EA	\$ 100.00	\$ 200.00	\$ 110.00	\$ 220.00	\$ 90.00	\$ 180.00
101	684-6031	TRF SIG CBL (TY A)(14 AWG)(5 CONDR)	2873	LF	\$ 1.70	\$ 4,884.10	\$ 2.00	\$ 5,746.00	\$ 2.00	\$ 5,746.00
102	684-6033	TRF SIG CBL (TY A)(14 AWG)(7 CONDR)	1577	LF	\$ 1.70	\$ 2,680.90	\$ 2.00	\$ 3,154.00	\$ 2.50	\$ 3,942.50
103	686-6051	INS TRF SIG PL AM(S)1 ARM(48")LUM	1	EA	\$ 8,200.00	\$ 8,200.00	\$ 10,000.00	\$ 10,000.00	\$ 11,000.00	\$ 11,000.00
104	686-6063	INS TRF SIG PL AM(S)1 ARM(60")LUM	2	EA	\$ 17,000.00	\$ 34,000.00	\$ 22,000.00	\$ 44,000.00	\$ 26,000.00	\$ 52,000.00
105	687-6001	PED POLE ASSEMBLY	2	EA	\$ 1,800.00	\$ 3,600.00	\$ 2,500.00	\$ 5,000.00	\$ 3,600.00	\$ 7,200.00
106	688-6001	PED DETECT PUSH BUTTON (APS)	2	EA	\$ 900.00	\$ 1,800.00	\$ 1,000.00	\$ 2,000.00	\$ 1,100.00	\$ 2,200.00
107	6001-6002	PORTABLE CHANGEABLE MESSAGE SIGN	4	EA	\$ 3,000.00	\$ 12,000.00	\$ 7,500.00	\$ 30,000.00	\$ 10,000.00	\$ 40,000.00
108	6025-6001	RADAR PRESENCE DETECTOR	4	EA	\$ 4,000.00	\$ 16,000.00	\$ 6,500.00	\$ 26,000.00	\$ 7,500.00	\$ 30,000.00
109	6025-6002	RADAR PRESENCE DETECTOR COMM CABLE	1433	LF	\$ 4.00	\$ 5,732.00	\$ 3.50	\$ 5,015.50	\$ 5.00	\$ 7,165.00
110	6027-6003	CONDUIT (PREPARE)	491	LF	\$ 3.00	\$ 1,473.00	\$ 1.00	\$ 491.00	\$ 1.25	\$ 613.75
111	6027-6008	GROUND BOX (PREPARE)	5	EA	\$ 350.35	\$ 1,751.75	\$ 350.00	\$ 1,750.00	\$ 250.00	\$ 1,250.00
112	6057-6001	RADAR ADVANCED DETECTION DEVICE	2	EA	\$ 7,000.00	\$ 14,000.00	\$ 6,500.00	\$ 13,000.00	\$ 7,500.00	\$ 15,000.00
113	6185-6001	TMA (STATIONARY)	4	EA	\$ 500.00	\$ 2,000.00	\$ 3,600.00	\$ 14,400.00	\$ 16,000.00	\$ 64,000.00
114	COLH 501-0001	OPEN CUT WITH 6" STEEL ENCASEMENT	116	LF	\$ 100.00	\$ 11,600.00	\$ 150.00	\$ 17,400.00	\$ 50.00	\$ 5,800.00
115	COLH 501-0002	OPEN CUT WITH 12" STEEL ENCASEMENT	105	LF	\$ 150.00	\$ 15,750.00	\$ 160.00	\$ 16,800.00	\$ 100.00	\$ 10,500.00
116	COLH 503/504-0001	MAJOR MANHOLE IMPROVEMENTS, 5' DIAMETER	1	EA	\$ 3,200.00	\$ 3,200.00	\$ 4,500.00	\$ 4,500.00	\$ 3,400.00	\$ 3,400.00
117	COLH 509-0001	TRENCH SAFETY SYSTEMS (ALL DEPTHS)	1716	LF	\$ 3.00	\$ 5,148.00	\$ 1.00	\$ 1,716.00	\$ 1.00	\$ 1,716.00

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		Cox Commercial Construction		MA Smith Contracting	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
118	COLH 510-0001	M.J. SSB cl-350 D.I. FITTINGS W/ RESTRAINT GLANDS	800	lbs	\$ 4.00	\$ 3,200.00	\$ 4.50	\$ 3,600.00	\$ 3.00	\$ 2,400.00
119	COLH 510-0002	PIPE, 2" DIA. PVC, (INCLUDING EXCAVATION & BACKFILL)	110	LF	\$ 15.00	\$ 1,650.00	\$ 50.00	\$ 5,500.00	\$ 45.00	\$ 4,950.00
120	COLH 510-0003	PIPE, 3" DIA. SDR-21, (INCLUDING EXCAVATION & BACKFILL)	280	LF	\$ 20.00	\$ 5,600.00	\$ 50.00	\$ 14,000.00	\$ 60.00	\$ 16,800.00
121	COLH 510-0004	PIPE, 8" DIA. C 900 DR-18 (INCLUDING EXCAVATION & BACKFILL)	241	LF	\$ 55.00	\$ 13,255.00	\$ 60.00	\$ 14,460.00	\$ 100.00	\$ 24,100.00
122	COLH 510-0005	REMOVE PORTION OF EXISTING 2" WATER LINE	614	LF	\$ 2.00	\$ 1,228.00	\$ 25.00	\$ 15,350.00	\$ 7.00	\$ 4,298.00
123	COLH 510-0006	REMOVE PORTION OF EXISTING 3" FORCE MAIN	252	LF	\$ 2.00	\$ 504.00	\$ 30.00	\$ 7,560.00	\$ 18.00	\$ 4,536.00
124	COLH 510-0007	REMOVE PORTION OF EXISTING 8" WATER LINE	219	LF	\$ 4.00	\$ 876.00	\$ 35.00	\$ 7,665.00	\$ 20.00	\$ 4,380.00
125	COLH 510-0008	WET CONNECTION, 2" WATER LINE AT EXISTING 2" WATER LINE	1	EA	\$ 1,350.00	\$ 1,350.00	\$ 2,500.00	\$ 2,500.00	\$ 1,100.00	\$ 1,100.00
126	COLH 510-0009	WET CONNECTION, 3" Dia. WW AT EXISTING 3" FORCE MAIN	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 2,500.00	\$ 5,000.00	\$ 2,000.00	\$ 4,000.00
127	COLH 510-0010	WET CONNECTION, 8" WATER LINE AT EXISTING 8" WATER LINE	2	EA	\$ 3,000.00	\$ 6,000.00	\$ 4,000.00	\$ 8,000.00	\$ 1,600.00	\$ 3,200.00
128	COLH 511-0002	2" GATE VALVE WITH VALVE BOX	2	EA	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00	\$ 900.00	\$ 1,800.00
129	COLH 511-0003	5-1/4" FIRE HYDRANT ASSEMBLY	1	EA	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,800.00	\$ 5,800.00
130	COLH 511-0005	8" GATE VALVE WITH VALVE BOX	2	EA	\$ 1,500.00	\$ 3,000.00	\$ 2,000.00	\$ 4,000.00	\$ 2,100.00	\$ 4,200.00
131	COLH 730-0001	BYPASS PUMPING FOR 3" WW	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ 9,000.00	\$ 15,000.00	\$ 15,000.00

NON-BID ITEMS TO BE INCLUDED IN BID AND CONTRACT AMOUNT

#REF!	999-WC01	FORCE ACCOUNT	40,000	DOL	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00
TOTAL COST ADJUSTED FOR CORRECTNESS					\$ 1,570,274.73		\$ 1,705,061.70		\$ 1,758,946.15	
ACTUAL BID PROPOSAL					\$1,570,274.73		\$1,705,061.70		\$1,758,946.15	
ADJUSTMENT DIFFERENCE					\$0.00		\$0.00		\$0.00	
Bid Bond							Y		Y	
Bid Affidavit							Y		Y	
Conflict of Interest Questionnaire							Y		Y	
Bidder References (Minimum of Three)							Y		Y	
Child Support							Y		Y	
Non Collusion							Y		Y	
Lobbying Activities							Y		Y	

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Pro Dirt Services		Austin Engineering		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
1	100-6002	PREPARING ROW	16	STA	\$ 3,000.00	\$ 48,000.00	\$ 950.00	\$ 15,200.00	\$ 4,000.00	\$ 64,000.00
2	105-6020	REMOVING STAB BASE & ASPH PAV (12")	133	SY	\$ 150.00	\$ 19,950.00	\$ 20.00	\$ 2,660.00	\$ 35.00	\$ 4,655.00
3	110-6001	EXCAVATION (RDWY)	4008	CY	\$ 20.00	\$ 80,160.00	\$ 12.00	\$ 48,096.00	\$ 34.00	\$ 136,272.00
4	132-6005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	1903	CY	\$ 130.71	\$ 248,741.13	\$ 16.00	\$ 30,448.00	\$ 62.00	\$ 117,986.00
5	160-6003	FURNISHIING & PLACING TOPSOIL (4")	6723	SY	\$ 2.98	\$ 20,034.54	\$ 10.00	\$ 67,230.00	\$ 3.00	\$ 20,169.00
6	161-6027	EROSION CONTROL COMPOST (3")	1681	SY	\$ 3.00	\$ 5,043.00	\$ 11.13	\$ 18,709.53	\$ 5.00	\$ 8,405.00
7	164-6009	BROADCAST SEED(TEMP)(WARM)	3362	SY	\$ 0.26	\$ 874.12	\$ 0.24	\$ 806.88	\$ 0.20	\$ 672.40
8	164-6011	BROADCAST SEED(TEMP)(COOL)	3362	SY	\$ 0.26	\$ 874.12	\$ 0.24	\$ 806.88	\$ 0.20	\$ 672.40
9	166-6002	FERTILIZER	0.40	TON	\$ 2,100.00	\$ 840.00	\$ 1,140.00	\$ 456.00	\$ 1,700.00	\$ 680.00
10	168-6001	VEGETATIVE WATERING	101	MG	\$ 150.00	\$ 15,150.00	\$ 62.00	\$ 6,262.00	\$ 35.00	\$ 3,535.00
11	169-6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	4000	SY	\$ 1.50	\$ 6,000.00	\$ 2.00	\$ 8,000.00	\$ 1.40	\$ 5,600.00
12	247-6044	FL BS (CMB IN PLC)(TY A GR 4)(FNAL POS)	2381	CY	\$ 130.71	\$ 311,220.51	\$ 98.00	\$ 233,338.00	\$ 67.00	\$ 159,527.00
13	310-6001	PRIME COAT (MULTI OPTION)	1427	GAL	\$ 3.90	\$ 5,565.30	\$ 4.70	\$ 6,706.90	\$ 4.00	\$ 5,708.00
14	340-6011	D-GR HMA (SQ) TY-B PG64-22	1403	TON	\$ 78.10	\$ 109,574.30	\$ 95.00	\$ 133,285.00	\$ 81.00	\$ 113,643.00
15	340-6122	D-GR HMA(SQ) TY-D PG70-22	842	TON	\$ 107.80	\$ 90,767.60	\$ 132.00	\$ 111,144.00	\$ 112.00	\$ 94,304.00
16	340-6246	D-GR HMA(SQ) TY-D PG64-22 (LEVEL-UP)	751	TON	\$ 107.80	\$ 80,957.80	\$ 132.00	\$ 99,132.00	\$ 112.00	\$ 84,112.00
17	402-6001	TRENCH EXCAVATION PROTECTION	570	LF	\$ 2.00	\$ 1,140.00	\$ 2.95	\$ 1,681.50	\$ 11.00	\$ 6,270.00
18	416-6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	13	LF	\$ 308.00	\$ 4,004.00	\$ 375.00	\$ 4,875.00	\$ 350.00	\$ 4,550.00
19	416-6034	DRILL SHAFT (TRF SIG POLE) (48 IN)	44	LF	\$ 401.50	\$ 17,666.00	\$ 490.00	\$ 21,560.00	\$ 460.00	\$ 20,240.00
20	432-6006	RIPRAP (CONC)(CL B)	81	CY	\$ 627.00	\$ 50,787.00	\$ 722.00	\$ 58,482.00	\$ 800.00	\$ 64,800.00
21	462-6001	CONC BOX CULV (3FT X 2FT)	577	LF	\$ 320.00	\$ 184,640.00	\$ 350.00	\$ 201,950.00	\$ 260.00	\$ 150,020.00
22	464-6003	RC PIPE (CL III)(18 IN)	268	LF	\$ 85.00	\$ 22,780.00	\$ 76.00	\$ 20,368.00	\$ 98.00	\$ 26,264.00
23	464-6005	RC PIPE (CL III)(24 IN)	123	LF	\$ 100.00	\$ 12,300.00	\$ 185.00	\$ 22,755.00	\$ 325.00	\$ 39,975.00
24	465-6220	INLET (COMPL)(DROP)(TY 3)	1	EA	\$ 2,640.00	\$ 2,640.00	\$ 4,032.00	\$ 4,032.00	\$ 4,500.00	\$ 4,500.00
25	465-6221	INLET (COMPL)(DROP)(TY 3A)	4	EA	\$ 2,640.00	\$ 10,560.00	\$ 4,032.00	\$ 16,128.00	\$ 4,300.00	\$ 17,200.00
26	467-6116	SET (TY 1)(S=3FT)(HW=4FT)(6:1)(P)	1	EA	\$ 6,930.00	\$ 6,930.00	\$ 12,710.00	\$ 12,710.00	\$ 9,500.00	\$ 9,500.00
27	467-6391	SET (TY II)(24 IN)(RCP)(4:1)(P)	2	EA	\$ 2,540.00	\$ 5,080.00	\$ 1,740.00	\$ 3,480.00	\$ 1,800.00	\$ 3,600.00
28	500-6001	MOBILIZATION	1	LS	\$ 70,000.00	\$ 70,000.00	\$ 72,900.00	\$ 72,900.00	\$ 200,000.00	\$ 200,000.00
29	502-WC01	BARRICADES, SIGNS, AND TRAFFIC HANDLING	6	MO	\$ 2,200.00	\$ 13,200.00	\$ 4,658.00	\$ 27,948.00	\$ 11,000.00	\$ 66,000.00
30	506-6002	ROCK FILTER DAMS(INSTALL)(TY 2)	170	LF	\$ 25.00	\$ 4,250.00	\$ 30.00	\$ 5,100.00	\$ 26.00	\$ 4,420.00
31	506-6011	ROCK FILTER DAMS(REMOVE)	170	LF	\$ 7.00	\$ 1,190.00	\$ 8.00	\$ 1,360.00	\$ 13.00	\$ 2,210.00
32	506-6020	CONSTRUCTION EXITS (INSTALL)(TY I)	200	SY	\$ 11.00	\$ 2,200.00	\$ 22.00	\$ 4,400.00	\$ 15.00	\$ 3,000.00
33	506-6024	CONSTRUCTION EXITS (REMOVE)	200	SY	\$ 6.00	\$ 1,200.00	\$ 8.00	\$ 1,600.00	\$ 11.00	\$ 2,200.00
34	506-6041	BIODEG EROSN CONT LOGS(INSTL)(12")	609	LF	\$ 4.00	\$ 2,436.00	\$ 4.50	\$ 2,740.50	\$ 5.00	\$ 3,045.00
35	506-6043	BIODEG EROSN CONT LOGS(REMOVE)	609	LF	\$ 1.00	\$ 609.00	\$ 0.75	\$ 456.75	\$ 1.15	\$ 700.35
36	508-6001	CONSTRUCTING DETOURS	88	SY	\$ 440.00	\$ 38,720.00	\$ 160.00	\$ 14,080.00	\$ 115.00	\$ 10,120.00
37	530-6004	DRIVEWAYS (CONC)	347	SY	\$ 85.00	\$ 29,495.00	\$ 114.00	\$ 39,558.00	\$ 78.00	\$ 27,066.00
38	530-6005	DRIVEWAYS (ACP)	495	SY	\$ 44.00	\$ 21,780.00	\$ 44.00	\$ 21,780.00	\$ 40.00	\$ 19,800.00
39	530-6008	TURNOUTS (ACP)	13	SY	\$ 110.00	\$ 1,430.00	\$ 135.00	\$ 1,755.00	\$ 156.00	\$ 2,028.00

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Pro Dirt Services		Austin Engineering		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
40	531-6024	CURB RAMPS (TY 7)	2	EA	\$ 1,500.00	\$ 3,000.00	\$ 2,006.00	\$ 4,012.00	\$ 1,500.00	\$ 3,000.00
41	618-6046	CONDT (PVC) (SCH 80) (2")	145	LF	\$ 23.10	\$ 3,349.50	\$ 28.00	\$ 4,060.00	\$ 27.00	\$ 3,915.00
42	620-6007	ELEC CONDR (NO.8) BARE	1235	LF	\$ 1.93	\$ 2,383.55	\$ 2.35	\$ 2,902.25	\$ 2.30	\$ 2,840.50
43	620-6008	ELEC CONDR (NO.8) INSULATED	1984	LF	\$ 1.98	\$ 3,928.32	\$ 2.45	\$ 4,860.80	\$ 2.30	\$ 4,563.20
44	624-6008	GROUND BOX TY C (162911)W/APRON	3	EA	\$ 2,152.00	\$ 6,456.00	\$ 2,616.00	\$ 7,848.00	\$ 2,500.00	\$ 7,500.00
45	644-6001	INS SM RD SN SUP & AM TY 10BWG(1)SA(P)	19	EA	\$ 825.00	\$ 15,675.00	\$ 572.00	\$ 10,868.00	\$ 510.00	\$ 9,690.00
46	644-6004	INS SM RD SN SUP & AM TY 10BWG(1)SA(T)	7	EA	\$ 825.00	\$ 5,775.00	\$ 824.00	\$ 5,768.00	\$ 550.00	\$ 3,850.00
47	644-6060	INS SM RD SN SUP & AM TY TWT(1)WS(P)	2	EA	\$ 300.00	\$ 600.00	\$ 510.00	\$ 1,020.00	\$ 480.00	\$ 960.00
48	644-6076	REMOVE SM RD SN SUP & AM	14	EA	\$ 300.00	\$ 4,200.00	\$ 88.00	\$ 1,232.00	\$ 140.00	\$ 1,960.00
49	662-6002	WK ZN PAV MRK NON-REMOV (W)4"(SLD)	2699	LF	\$ 3.20	\$ 8,636.80	\$ 1.35	\$ 3,643.65	\$ 1.00	\$ 2,699.00
50	662-6012	WK ZN PAV MRK NON-REMOV (W)8"(SLD)	1144	LF	\$ 4.50	\$ 5,148.00	\$ 2.70	\$ 3,088.80	\$ 1.80	\$ 2,059.20
51	662-6016	WK ZN PAV MRK NON-REMOV (W)24"(SLD)	71	LF	\$ 12.20	\$ 866.20	\$ 8.00	\$ 568.00	\$ 10.00	\$ 710.00
52	662-6017	WK ZN PAV MRK NON-REMOV (W)(ARROW)	7	EA	\$ 205.00	\$ 1,435.00	\$ 268.00	\$ 1,876.00	\$ 77.00	\$ 539.00
53	662-6018	WK ZN PAV MRK NON-REMOV (W)(DBL ARW)	1	EA	\$ 210.00	\$ 210.00	\$ 402.00	\$ 402.00	\$ 136.00	\$ 136.00
54	662-6023	WK ZN PAV MRK NON-REMOV (W)(RR XING)	2	EA	\$ 375.00	\$ 750.00	\$ 770.00	\$ 1,540.00	\$ 290.00	\$ 580.00
55	662-6029	WK ZN PAV MRK NON-REMOV (W)(WORD)	4	EA	\$ 200.00	\$ 800.00	\$ 368.00	\$ 1,472.00	\$ 86.00	\$ 344.00
56	662-6034	WK ZN PAV MRK NON-REMOV (Y)4"(SLD)	2572	LF	\$ 3.20	\$ 8,230.40	\$ 1.35	\$ 3,472.20	\$ 1.00	\$ 2,572.00
57	662-6109	WK ZN PAV MRK SHT TERM (TAB) TY W	193	EA	\$ 2.20	\$ 424.60	\$ 2.70	\$ 521.10	\$ 0.90	\$ 173.70
58	662-6110	WK ZN PAV MRK SHT TERM (TAB) TY Y	130	EA	\$ 2.20	\$ 286.00	\$ 2.70	\$ 351.00	\$ 1.80	\$ 234.00
59	666-6006	REFL PAV MRK TY I(W)4"(DOT)(100 MIL)	202	LF	\$ 2.20	\$ 444.40	\$ 1.35	\$ 272.70	\$ 0.60	\$ 121.20
60	666-6036	REFL PAV MRK TY I(Y)8"(SLD)(100 MIL)	1252	LF	\$ 1.10	\$ 1,377.20	\$ 1.35	\$ 1,690.20	\$ 1.20	\$ 1,502.40
61	666-6042	REFL PAV MRK TY I(W)12"(SLD)(100 MIL)	185	LF	\$ 8.00	\$ 1,480.00	\$ 4.00	\$ 740.00	\$ 3.10	\$ 573.50
62	666-6048	REFL PAV MRK TY I(W)24"(SLD)(100 MIL)	357	LF	\$ 9.00	\$ 3,213.00	\$ 8.00	\$ 2,856.00	\$ 6.20	\$ 2,213.40
63	666-6054	REFL PAV MRK TY I(W)(ARROW)(100 MIL)	10	EA	\$ 150.00	\$ 1,500.00	\$ 160.00	\$ 1,600.00	\$ 125.00	\$ 1,250.00
64	666-6078	REFL PAV MRK TY I(W)(WORD)(100 MIL)	10	EA	\$ 150.00	\$ 1,500.00	\$ 194.00	\$ 1,940.00	\$ 142.00	\$ 1,420.00
65	666-6093	REFL PAV MRK TY I(W)(RR XING)(100 MIL)	2	EA	\$ 850.00	\$ 1,700.00	\$ 836.00	\$ 1,672.00	\$ 327.00	\$ 654.00
66	666-6126	REFL PAV MRK TY I(Y)4"(SLD)(100 MIL)	3082	LF	\$ 1.10	\$ 3,390.20	\$ 0.80	\$ 2,465.60	\$ 0.60	\$ 1,849.20
67	666-6167	REFL PAV MRK TY II(W)4"(BRK)	415	LF	\$ 0.50	\$ 207.50	\$ 0.45	\$ 186.75	\$ 0.55	\$ 228.25
68	666-6168	REFL PAV MRK TY II(W)4"(DOT)	202	LF	\$ 1.00	\$ 202.00	\$ 0.45	\$ 90.90	\$ 0.55	\$ 111.10
69	666-6178	REFL PAV MRK TY II(W)8"(SLD)	1125	LF	\$ 0.75	\$ 843.75	\$ 0.68	\$ 765.00	\$ 1.10	\$ 1,237.50
70	666-6180	REFL PAV MRK TY II(W)12"(SLD)	128	LF	\$ 1.50	\$ 192.00	\$ 2.00	\$ 256.00	\$ 1.30	\$ 166.40
71	666-6182	REFL PAV MRK TY II(W)24"(SLD)	332	LF	\$ 2.00	\$ 664.00	\$ 4.00	\$ 1,328.00	\$ 2.50	\$ 830.00
72	666-6184	REFL PAV MRK TY II(W)(ARROW)	6	EA	\$ 85.00	\$ 510.00	\$ 60.00	\$ 360.00	\$ 74.00	\$ 444.00
73	666-6192	REFL PAV MRK TY II(W)(WORD)	6	EA	\$ 90.00	\$ 540.00	\$ 74.00	\$ 444.00	\$ 85.00	\$ 510.00
74	666-6196	REFL PAV MRK TY II(W)(RR XING)	2	EA	\$ 150.00	\$ 300.00	\$ 302.00	\$ 604.00	\$ 158.00	\$ 316.00
75	666-6300	RE PM W/RET REQ TY I (W) 4" (BRK) (100 MIL)	415	LF	\$ 1.10	\$ 456.50	\$ 1.35	\$ 560.25	\$ 0.65	\$ 269.75
76	666-6303	RE PM W/RET REQ TY I (W) 4" (SLD) (100 MIL)	1646	LF	\$ 0.50	\$ 823.00	\$ 1.35	\$ 2,222.10	\$ 0.65	\$ 1,069.90
77	666-6312	RE PM W/RET REQ TY I (Y) 4" (BRK) (100 MIL)	425	LF	\$ 0.50	\$ 212.50	\$ 1.35	\$ 573.75	\$ 0.65	\$ 276.25
78	666-6323	RE PM W/RET REQ TY II (W) 4" (SLD) (100 MIL)	2437	LF	\$ 0.50	\$ 1,218.50	\$ 0.45	\$ 1,096.65	\$ 0.40	\$ 974.80

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Pro Dirt Services		Austin Engineering		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
79	666-6326	RE PM W/RET REQ TY II (Y) 4" (BRK) (100 MIL)	425	LF	\$ 0.50	\$ 212.50	\$ 0.45	\$ 191.25	\$ 0.40	\$ 170.00
80	666-6327	RE PM W/RET REQ TY II (Y) 4" (SLD) (100 MIL)	3082	LF	\$ 0.50	\$ 1,541.00	\$ 0.45	\$ 1,386.90	\$ 0.40	\$ 1,232.80
81	672-6007	REFL PAV MRKR TY I-C	64	EA	\$ 9.00	\$ 576.00	\$ 9.50	\$ 608.00	\$ 6.00	\$ 384.00
82	672-6009	REFL PAV MRKR TY II-A-A	112	EA	\$ 5.00	\$ 560.00	\$ 9.50	\$ 1,064.00	\$ 6.00	\$ 672.00
83	677-6001	ELIM EXT PAV MRK & MRKS (4")	7289	LF	\$ 1.75	\$ 12,755.75	\$ 0.95	\$ 6,924.55	\$ 0.75	\$ 5,466.75
84	677-6003	ELIM EXT PAV MRK & MRKS (8")	586	LF	\$ 3.00	\$ 1,758.00	\$ 1.35	\$ 791.10	\$ 1.50	\$ 879.00
85	677-6007	ELIM EXT PAV MRK & MRKS (24")	152	LF	\$ 7.20	\$ 1,094.40	\$ 4.00	\$ 608.00	\$ 5.00	\$ 760.00
86	677-6008	ELIM EXT PAV MRK & MRKS (ARROWS)	1	EA	\$ 300.00	\$ 300.00	\$ 60.00	\$ 60.00	\$ 220.00	\$ 220.00
87	677-6009	ELIM EXT PAV MRK & MRKS (DBL ARROWS)	1	EA	\$ 300.00	\$ 300.00	\$ 74.00	\$ 74.00	\$ 400.00	\$ 400.00
88	677-6009	ELIM EXT PAV MRK & MRKS (RR X-INGS)	2	EA	\$ 300.00	\$ 600.00	\$ 268.00	\$ 536.00	\$ 540.00	\$ 1,080.00
89	680-6004	REMOVING TRAFFIC SIGNALS	3	EA	\$ 2,600.00	\$ 7,800.00	\$ 802.00	\$ 2,406.00	\$ 760.00	\$ 2,280.00
90	680-6011	INSTALL HWY TRF SIG (UPGRADE)	1	EA	\$ 23,000.00	\$ 23,000.00	\$ 30,770.00	\$ 30,770.00	\$ 29,000.00	\$ 29,000.00
91	682-6001	VEH SIG SEC (12")LED(GRN)	10	EA	\$ 300.00	\$ 3,000.00	\$ 335.00	\$ 3,350.00	\$ 315.00	\$ 3,150.00
92	682-6002	VEH SIG SEC (12")LED(GRN ARW)	6	EA	\$ 300.00	\$ 1,800.00	\$ 268.00	\$ 1,608.00	\$ 250.00	\$ 1,500.00
93	682-6003	VEH SIG SEC (12")LED(YEL)	10	EA	\$ 350.00	\$ 3,500.00	\$ 335.00	\$ 3,350.00	\$ 315.00	\$ 3,150.00
94	682-6004	VEH SIG SEC (12")LED(YEL ARW)	12	EA	\$ 350.00	\$ 4,200.00	\$ 335.00	\$ 4,020.00	\$ 315.00	\$ 3,780.00
95	682-6005	VEH SIG SEC (12")LED(RED)	10	EA	\$ 350.00	\$ 3,500.00	\$ 335.00	\$ 3,350.00	\$ 315.00	\$ 3,150.00
96	682-6006	VEH SIG SEC (12")LED(RED ARW)	6	EA	\$ 350.00	\$ 2,100.00	\$ 335.00	\$ 2,010.00	\$ 315.00	\$ 1,890.00
97	682-6018	PED SIG SEC (LED)(COUNTDOWN)	2	EA	\$ 600.00	\$ 1,200.00	\$ 802.00	\$ 1,604.00	\$ 760.00	\$ 1,520.00
98	682-6023	BACK PLATE (12")(3 SEC)	11	EA	\$ 60.00	\$ 660.00	\$ 54.00	\$ 594.00	\$ 51.00	\$ 561.00
99	682-6024	BACK PLATE (12")(4 SEC)	2	EA	\$ 60.00	\$ 120.00	\$ 68.00	\$ 136.00	\$ 63.00	\$ 126.00
100	682-6025	BACK PLATE (12")(5 SEC)	2	EA	\$ 80.00	\$ 160.00	\$ 94.00	\$ 188.00	\$ 88.00	\$ 176.00
101	684-6031	TRF SIG CBL (TY A)(14 AWG)(5 CONDR)	2873	LF	\$ 2.00	\$ 5,746.00	\$ 2.20	\$ 6,320.60	\$ 2.00	\$ 5,746.00
102	684-6033	TRF SIG CBL (TY A)(14 AWG)(7 CONDR)	1577	LF	\$ 3.00	\$ 4,731.00	\$ 2.70	\$ 4,257.90	\$ 2.50	\$ 3,942.50
103	686-6051	INS TRF SIG PL AM(S)1 ARM(48")LUM	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 12,040.00	\$ 12,040.00	\$ 11,400.00	\$ 11,400.00
104	686-6063	INS TRF SIG PL AM(S)1 ARM(60")LUM	2	EA	\$ 25,000.00	\$ 50,000.00	\$ 29,435.00	\$ 58,870.00	\$ 27,700.00	\$ 55,400.00
105	687-6001	PED POLE ASSEMBLY	2	EA	\$ 3,500.00	\$ 7,000.00	\$ 3,880.00	\$ 7,760.00	\$ 3,650.00	\$ 7,300.00
106	688-6001	PED DETECT PUSH BUTTON (APS)	2	EA	\$ 900.00	\$ 1,800.00	\$ 1,204.00	\$ 2,408.00	\$ 1,130.00	\$ 2,260.00
107	6001-6002	PORTABLE CHANGEABLE MESSAGE SIGN	4	EA	\$ 2,500.00	\$ 10,000.00	\$ 12,040.00	\$ 48,160.00	\$ 12,000.00	\$ 48,000.00
108	6025-6001	RADAR PRESENCE DETECTOR	4	EA	\$ 6,000.00	\$ 24,000.00	\$ 8,016.29	\$ 32,065.16	\$ 7,600.00	\$ 30,400.00
109	6025-6002	RADAR PRESENCE DETECTOR COMM CABLE	1433	LF	\$ 4.00	\$ 5,732.00	\$ 5.34	\$ 7,652.22	\$ 5.00	\$ 7,165.00
110	6027-6003	CONDUIT (PREPARE)	491	LF	\$ 1.00	\$ 491.00	\$ 1.35	\$ 662.85	\$ 1.30	\$ 638.30
111	6027-6008	GROUND BOX (PREPARE)	5	EA	\$ 210.00	\$ 1,050.00	\$ 282.00	\$ 1,410.00	\$ 265.00	\$ 1,325.00
112	6057-6001	RADAR ADVANCED DETECTION DEVICE	2	EA	\$ 6,000.00	\$ 12,000.00	\$ 8,016.29	\$ 16,032.58	\$ 7,560.00	\$ 15,120.00
113	6185-6001	TMA (STATIONARY)	4	EA	\$ 1,000.00	\$ 4,000.00	\$ 40,135.00	\$ 160,540.00	\$ 34,000.00	\$ 136,000.00
114	COLH 501-0001	OPEN CUT WITH 6" STEEL ENCASEMENT	116	LF	\$ 100.00	\$ 11,600.00	\$ 84.00	\$ 9,744.00	\$ 116.00	\$ 13,456.00
115	COLH 501-0002	OPEN CUT WITH 12" STEEL ENCASEMENT	105	LF	\$ 110.00	\$ 11,550.00	\$ 116.00	\$ 12,180.00	\$ 142.00	\$ 14,910.00
116	COLH 503/504-0001	MAJOR MANHOLE IMPROVEMENTS, 5' DIAMETER	1	EA	\$ 3,300.00	\$ 3,300.00	\$ 3,200.00	\$ 3,200.00	\$ 5,800.00	\$ 5,800.00
117	COLH 509-0001	TRENCH SAFETY SYSTEMS (ALL DEPTHS)	1716	LF	\$ 1.10	\$ 1,887.60	\$ 4.00	\$ 6,864.00	\$ 6.20	\$ 10,639.20

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Pro Dirt Services		Austin Engineering		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
118	COLH 510-0001	M.J. SSB cl-350 D.I. FITTINGS W/ RESTRAINT GLANDS	800	lbs	\$ 7.70	\$ 6,160.00	\$ 4.00	\$ 3,200.00	\$ 31.00	\$ 24,800.00
119	COLH 510-0002	PIPE, 2" DIA. PVC, (INCLUDING EXCAVATION & BACKFILL)	110	LF	\$ 40.00	\$ 4,400.00	\$ 44.00	\$ 4,840.00	\$ 73.00	\$ 8,030.00
120	COLH 510-0003	PIPE, 3" DIA. SDR-21, (INCLUDING EXCAVATION & BACKFILL)	280	LF	\$ 50.00	\$ 14,000.00	\$ 46.00	\$ 12,880.00	\$ 84.00	\$ 23,520.00
121	COLH 510-0004	PIPE, 8" DIA. C 900 DR-18 (INCLUDING EXCAVATION & BACKFILL)	241	LF	\$ 70.00	\$ 16,870.00	\$ 70.00	\$ 16,870.00	\$ 134.00	\$ 32,294.00
122	COLH 510-0005	REMOVE PORTION OF EXISTING 2" WATER LINE	614	LF	\$ 20.00	\$ 12,280.00	\$ 44.00	\$ 27,016.00	\$ 21.00	\$ 12,894.00
123	COLH 510-0006	REMOVE PORTION OF EXISTING 3" FORCE MAIN	252	LF	\$ 20.00	\$ 5,040.00	\$ 44.00	\$ 11,088.00	\$ 40.00	\$ 10,080.00
124	COLH 510-0007	REMOVE PORTION OF EXISTING 8" WATER LINE	219	LF	\$ 28.00	\$ 6,132.00	\$ 46.00	\$ 10,074.00	\$ 23.00	\$ 5,037.00
125	COLH 510-0008	WET CONNECTION, 2" WATER LINE AT EXISTING 2" WATER LINE	1	EA	\$ 1,900.00	\$ 1,900.00	\$ 600.00	\$ 600.00	\$ 2,200.00	\$ 2,200.00
126	COLH 510-0009	WET CONNECTION, 3" Dia. WW AT EXISTING 3" FORCE MAIN	2	EA	\$ 2,500.00	\$ 5,000.00	\$ 800.00	\$ 1,600.00	\$ 2,650.00	\$ 5,300.00
127	COLH 510-0010	WET CONNECTION, 8" WATER LINE AT EXISTING 8" WATER LINE	2	EA	\$ 3,500.00	\$ 7,000.00	\$ 3,200.00	\$ 6,400.00	\$ 2,600.00	\$ 5,200.00
128	COLH 511-0002	2" GATE VALVE WITH VALVE BOX	2	EA	\$ 950.00	\$ 1,900.00	\$ 600.00	\$ 1,200.00	\$ 1,200.00	\$ 2,400.00
129	COLH 511-0003	5-1/4" FIRE HYDRANT ASSEMBLY	1	EA	\$ 6,500.00	\$ 6,500.00	\$ 4,600.00	\$ 4,600.00	\$ 5,300.00	\$ 5,300.00
130	COLH 511-0005	8" GATE VALVE WITH VALVE BOX	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 1,800.00	\$ 3,600.00	\$ 1,850.00	\$ 3,700.00
131	COLH 730-0001	BYPASS PUMPING FOR 3" WW	1	LS	\$ 11,500.00	\$ 11,500.00	\$ 8,756.00	\$ 8,756.00	\$ 14,200.00	\$ 14,200.00
NON-BID ITEMS TO BE INCLUDED IN BID AND CONTRACT AMOUNT										
#REF!	999-WC01	FORCE ACCOUNT	40,000	DOL	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00
TOTAL COST ADJUSTED FOR CORRECTNESS					\$ 2,011,025.59		\$ 2,033,731.75		\$ 2,197,796.95	
ACTUAL BID PROPOSAL					\$2,011,025.59		\$2,033,731.75		\$2,197,796.95	
ADJUSTMENT DIFFERENCE					\$0.00		\$0.00		\$0.00	
Bid Bond					Y		Y		Y	
Bid Affidavit					Y		Y		Y	
Conflict of Interest Questionnaire					Y		Y		Y	
Bidder References (Minimum of Three)					Y		Y		Y	
Child Support					N		N		N	
Non Collusion					Y		N		N	
Lobbying Activities					N		N		N	



O'BRIEN^{LLC}
Engineering Services

TBPE Firm Reg. No. F-14060

August 09, 2018

Mr. Whit Friend, PE
HNTB Corporation
101 East Old Settlers Blvd., Suite 100
Round Rock, TX 78664

RE: Williamson County Road Bond Project
County Road 200 at SH 29
Recommendation of Construction Contract Award

Dear Mr. Friend:

The above project was bid by Williamson County on July 31, 2018. Five (5) bids were received with one (1) being incomplete. The attached bid tabulation depicts the results and confirms the amounts shown on each bid. The apparent low bidder was Cox Commercial Construction with a bid amount of \$1,705,061.70. Based upon our review, we recommend award of the contract to Cox Commercial Construction.

We appreciate the opportunity to be of service to you and Williamson County on this project. We are available to meet at your discretion concerning proposed improvements and next steps. Please feel free to contact us should you have questions or comments.

Sincerely,

O'Brien Engineering Services, LLC

J. Kent O'Brien, PE
COO & Director of Engineering

Attachments

Z:\Clients\Wilco\CR 200\WA 3\Bid Phase\Contractor Bid\Final Deliverable Submittal Letter 08-09-18

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

Certificate Number:
2018-390448

Date Filed:
08/10/2018

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Cox Commercial Construction
Austin, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Williamson County

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

1805-232
CR 200 at SH 29

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Okruhlik, Darren	Austin, TX United States	X	
	Cox, Bo	Baytown, TX United States	X	

5 Check only if there is NO Interested Party. ☐

6 UNSWORN DECLARATION

My name is DARREN OKRUHLIK, and my date of birth is 1/2/78.

My address is 2009 RR 620 N. #180, AUSTIN, TX, 78737, USA.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in TRAVIS County, State of TEXAS on the 10 day of AUG., 20 18.
(month) (year)

Signature of authorized agent of contracting business entity
(Declarant)