



**DeWight Dopslauf, C.P.M., CPPO
Harris County Purchasing Agent**

September 02, 2021

Commissioners Court
Harris County, Texas

RE: Job No. 210200

Members of Commissioners Court:

Please approve the following award on the basis of low bid subject to applicable bond(s) to be received from the vendor(s):

Description: Road Construction at West Gulf Bank Road I-45 to Airline Drive for Harris County Precinct 1

Bid(s) Received: Four (4) on July 26, 2021 (see attached)

Vendor(s): WadeCon, LLC

Amount: \$14,415,964

Evaluated By: • Harris County Purchasing • Office of the County Engineer
• Precinct 1

Purchase order(s) will be issued upon Commissioners Court approval.

Sincerely,

A handwritten signature in black ink, appearing to read "DeWight Dopslauf".

DeWight Dopslauf
Purchasing Agent

JOA
Attachment(s)
cc: Vendor(s)

FOR INCLUSION ON COMMISSIONERS COURT AGENDA SEPTEMBER 14, 2021



Item No.	Description	UOM	Est. Qty.	WadeCon, LLC ¹		Conrad Construction Co., LTD		R Construction		Triple B Services, LLP	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Project Sign	EACH	2	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	\$1,200.00	\$2,400.00	\$ 1,000.00	\$2,000.00
2	Special Project Sign	EACH	2	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00	\$ 1,100.00	\$2,200.00
3	Clearing and Grubbing	LS	1	\$1,200,000.00	\$1,200,000.00	\$750,000.00	\$750,000.00	\$430,000.00	\$430,000.00	\$ 700,000.00	\$700,000.00
4	Removing Old Concrete, 6" Reinforced Concrete Curb (Removal and Disposal)	LF	761	\$10.00	\$7,610.00	\$3.00	\$2,283.00	\$5.00	\$3,805.00	\$ 1.35	\$1,027.35
5	Removing Old Concrete Pavement	SY	10,039	\$5.00	\$50,195.00	\$5.00	\$50,195.00	\$7.50	\$75,292.50	\$ 4.00	\$40,156.00
6	Removing Old Concrete (Curb Ramps)	SY	96	\$10.00	\$960.00	\$30.00	\$2,880.00	\$50.00	\$4,800.00	\$ 6.60	\$633.60
7	Roadway Excavation	CY	24,644	\$20.00	\$492,880.00	\$23.00	\$566,812.00	\$14.00	\$345,016.00	\$ 20.00	\$492,880.00
8	Roadside Ditch Regrading	LF	468	\$10.00	\$4,680.00	\$20.00	\$9,360.00	\$15.00	\$7,020.00	\$ 25.00	\$11,700.00
9	Channel Excavation	CY	461	\$20.00	\$9,220.00	\$30.00	\$13,830.00	\$40.00	\$18,440.00	\$ 35.00	\$16,135.00
10	Removing Old Pipes (All Sizes)	LF	6,382	\$30.00	\$191,460.00	\$20.00	\$127,640.00	\$15.00	\$95,730.00	\$ 24.00	\$153,168.00
11	Removing Old Structures – Headwalls	EACH	2	\$5,000.00	\$10,000.00	\$3,000.00	\$6,000.00	\$5,000.00	\$10,000.00	\$ 2,400.00	\$4,800.00
12	Removing Old Structures – Box Culverts	LF	1,190	\$40.00	\$47,600.00	\$20.00	\$23,800.00	\$45.00	\$53,550.00	\$ 40.00	\$47,600.00
13	Removing Old Structures – Inlets (All Depths)	EACH	53	\$1,000.00	\$53,000.00	\$800.00	\$42,400.00	\$800.00	\$42,400.00	\$ 700.00	\$37,100.00
14	Removing Old Structures - Safety End Treatments	EACH	2	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$ 700.00	\$1,400.00
15	Removing Old Structures - 2" Gas Main (Abandoned by Others)	LF	3,415	\$5.00	\$17,075.00	\$16.00	\$54,640.00	\$7.50	\$25,612.50	\$ 6.60	\$22,539.00
16	Removal and Disposal of Manholes (All Depths)	EACH	7	\$1,000.00	\$7,000.00	\$800.00	\$5,600.00	\$1,000.00	\$7,000.00	\$ 1,400.00	\$9,800.00
17	Remove And Dispose Of 6-Inch Waterlines And Water Service Lines	LF	1,550	\$20.00	\$31,000.00	\$15.00	\$23,250.00	\$12.00	\$18,600.00	\$ 7.25	\$11,237.50
18	Remove And Dispose Of 8-Inch Waterlines And Water Service Lines	LF	73	\$30.00	\$2,190.00	\$15.00	\$1,095.00	\$12.00	\$876.00	\$ 9.00	\$657.00
19	Remove And Dispose Of 12-Inch Waterlines And Water Service Lines	LF	202	\$30.00	\$6,060.00	\$15.00	\$3,030.00	\$12.00	\$2,424.00	\$ 9.00	\$1,818.00
20	Tree Protection and Trimming	LS	1	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00	\$ 25,000.00	\$25,000.00
21	Remove and dispose of existing asphaltic surface and base material	SY	26,274	\$5.00	\$131,370.00	\$6.00	\$157,644.00	\$6.00	\$157,644.00	\$ 4.20	\$110,350.80
22	Removal and Disposal of Existing Fences (Chain-Link Fence)	LF	64	\$10.00	\$640.00	\$40.00	\$2,560.00	\$20.00	\$1,280.00	\$ 10.00	\$640.00
23	Removal and Disposal of Existing Fences (Iron-Rod)	LF	857	\$10.00	\$8,570.00	\$25.00	\$21,425.00	\$25.00	\$21,425.00	\$ 7.00	\$5,999.00
24	Structural Concrete, Wingwalls	CY	34	\$1,000.00	\$34,000.00	\$1,200.00	\$40,800.00	\$1,650.00	\$56,100.00	\$ 2,400.00	\$81,600.00
25	Trench Safety Systems	LF	10,117	\$1.00	\$10,117.00	\$1.00	\$10,117.00	\$5.00	\$50,585.00	\$ 0.50	\$5,058.50
26	Reinforced Concrete Pipe, C76, Class III, Rubber Gasket (24")	LF	375	\$100.00	\$37,500.00	\$145.00	\$54,375.00	\$150.00	\$56,250.00	\$ 160.00	\$60,000.00
27	Reinforced Concrete Pipe, C76, Class III, Rubber Gasket (30")	LF	34	\$150.00	\$5,100.00	\$160.00	\$5,440.00	\$275.00	\$9,350.00	\$ 195.00	\$6,630.00
28	Reinforced Concrete Pipe, C76, Class III, Rubber Gasket (36")	LF	140	\$200.00	\$28,000.00	\$190.00	\$26,600.00	\$300.00	\$42,000.00	\$ 230.00	\$32,200.00
29	Reinforced Concrete Pipe, C76, Class III, Rubber Gasket (48")	LF	48	\$250.00	\$12,000.00	\$260.00	\$12,480.00	\$350.00	\$16,800.00	\$ 310.00	\$14,880.00
30	Reinforced Concrete Pipe, C76, Class III, Rubber Gasket (equivalent 24") Arch 18" X 28.5"	LF	31	\$200.00	\$6,200.00	\$230.00	\$7,130.00	\$300.00	\$9,300.00	\$ 340.00	\$10,540.00
31	Safety End Treatment – Type II, (6:1) (PD-SPR) 24" RCP	EACH	2	\$2,500.00	\$5,000.00	\$2,100.00	\$4,200.00	\$2,500.00	\$5,000.00	\$ 2,500.00	\$5,000.00
32	PVC Pipe - 8" Dia.	LF	12	\$100.00	\$1,200.00	\$110.00	\$1,320.00	\$100.00	\$1,000.00	\$ 91.00	\$1,092.00
33	PVC Pipe - 12" Dia.	LF	115	\$110.00	\$12,650.00	\$110.00	\$12,650.00	\$120.00	\$13,800.00	\$ 109.00	\$12,535.00
34	Precast Concrete Shallow Manhole, with a depth less than 5 feet	EACH	2	\$3,000.00	\$6,000.00	\$3,500.00	\$12,500.00	\$5,350.00	\$10,700.00	\$ 4,500.00	\$9,000.00
35	Precast Junction Box at Sta 104+56 (Harris County Standard)	EACH	1	\$25,000.00	\$25,000.00	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00	\$ 8,700.00	\$8,700.00
36	Precast Junction Box at Sta 105+00 (Harris County Standard)	EACH	1	\$25,000.00	\$25,000.00	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00	\$ 8,700.00	\$8,700.00
37	Precast Junction Box at Sta 111+54	EACH	1	\$25,000.00	\$25,000.00	\$18,000.00	\$18,000.00	\$15,625.00	\$15,625.00	\$ 20,500.00	\$20,500.00
38	Precast Junction Box at Sta 136+80	EACH	2	\$25,000.00	\$50,000.00	\$18,000.00	\$36,000.00	\$12,350.00	\$24,700.00	\$ 17,500.00	\$35,000.00
39	Precast Junction Box at Sta 142+19	EACH	2	\$25,000.00	\$50,000.00	\$25,000.00	\$50,000.00	\$22,750.00	\$45,500.00	\$ 28,000.00	\$56,000.00
40	Precast Junction Box at Sta 144+56 and 144+41	EACH	2	\$25,000.00	\$50,000.00	\$18,000.00	\$36,000.00	\$15,250.00	\$30,500.00	\$ 20,500.00	\$41,000.00
41	Precast Junction Box at Sta 145+56	EACH	2	\$25,000.00	\$50,000.00	\$18,000.00	\$36,000.00	\$15,250.00	\$30,500.00	\$ 20,500.00	\$41,000.00
42	Precast Junction Box at Sta 148+73	EACH	2	\$25,000.00	\$50,000.00	\$20,000.00	\$40,000.00	\$20,500.00	\$41,000.00	\$ 27,300.00	\$54,600.00
43	Precast Junction Box at Sta 156+01	EACH	1	\$25,000.00	\$25,000.00	\$18,000.00	\$18,000.00	\$15,850.00	\$15,850.00	\$ 22,500.00	\$22,500.00
44	Precast Junction Box at Sta 156+87, 36/LT	EACH	1	\$25,000.00	\$25,000.00	\$18,000.00	\$18,000.00	\$13,000.00	\$13,000.00	\$ 16,400.00	\$16,400.00
45	Precast Junction Box at Sta 156+87, 36/RT	EACH	1	\$25,000.00	\$25,000.00	\$18,000.00	\$18,000.00	\$14,400.00	\$14,400.00	\$ 17,700.00	\$17,700.00
46	Cast-In-Place Junction Box Type C	EACH	1	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$ 25,500.00	\$25,500.00
47	Standard Type "A" Inlet	EACH	17	\$3,000.00	\$51,000.00	\$3,000.00	\$51,000.00	\$3,650.00	\$62,050.00	\$ 3,700.00	\$62,900.00
48	Type "A" Inlet (Modified Inlet on top of RCB)	EACH	1	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$6,100.00	\$6,100.00	\$ 2,900.00	\$2,900.00
49	Type "C" Inlet (Modified Inlet on top of RCB)	EACH	2	\$3,000.00	\$6,000.00	\$3,500.00	\$7,000.00	\$6,750.00	\$13,500.00	\$ 3,800.00	\$7,600.00
50	Type "C-1" Inlet (Modified Inlet on top of RCB)	EACH	9	\$3,500.00	\$31,500.00	\$4,000.00	\$36,000.00	\$7,300.00	\$65,700.00	\$ 5,200.00	\$46,800.00
51	Standard Type "C-2" Inlet	EACH	3	\$6,000.00	\$18,000.00	\$5,000.00	\$15,000.00	\$6,300.00	\$18,900.00	\$ 6,800.00	\$20,400.00
52	Type "C-2" Inlet (Modified Inlet on top of RCB)	EACH	35	\$4,000.00	\$140,000.00	\$4,500.00	\$157,500.00	\$7,300.00	\$255,500.00	\$ 5,300.00	\$185,500.00
53	Adjusting Manholes	EACH	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$2,500.00	\$2,500.00	\$ 1,100.00	\$1,100.00
54	Reinforced Concrete Box, C1433 (All Depths) - (4' x 2')	LF	1,500	\$281.00	\$421,500.00	\$305.00	\$457,500.00	\$315.00	\$472,500.00	\$ 305.00	\$457,500.00
55	Reinforced Concrete Box, C1433 (All Depths) - (4' x 4')	LF	78	\$380.00	\$29,640.00	\$380.00	\$29,640.00	\$400.00	\$31,200.00	\$ 390.00	\$30,420.00
56	Reinforced Concrete Box, C1433 (All Depths) - (5' x 2')	LF	123	\$400.00	\$49,200.00	\$415.00	\$51,045.00	\$410.00	\$50,430.00	\$ 415.00	\$51,045.00
57	Reinforced Concrete Box, C1433 (All Depths) - (5' x 3')	LF	2,089	\$385.00	\$804,265.00	\$450.00	\$940,050.00	\$415.00	\$866,935.00	\$ 420.00	\$877,380.00
58	Reinforced Concrete Box, C1433 (All Depths) - (6' x 3')	LF	3,407	\$457.00	\$1,556,999.00	\$575.00	\$1,959,025.00	\$485.00	\$1,652,395.00	\$ 510.00	\$1,737,570.00
59	Reinforced Concrete Box, C1433 (All Depths) - (6' x 4')	LF	525	\$510.00	\$267,750.00	\$580.00	\$304,500.00	\$560.00	\$294,000.00	\$ 565.00	\$296,625.00
60	Reinforced Concrete Box, C1433 (All Depths) - (7' x 4')	LF	577	\$605.00	\$349,085.00	\$700.00	\$403,900.00	\$670.00	\$386,590.00	\$ 680.00	\$392,360.00
61	Reinforced Concrete Box, C1433 (All Depths) - (8' x 4')	LF	1,110	\$630.00	\$699,300.00	\$715.00	\$793,650.00	\$700.00	\$777,000.00	\$ 750.00	\$832,500.00
62	Reinforced Concrete Box, C1433 (All Depths) - (10' x 8')	LF	216	\$1,400.00	\$302,400.00	\$1,150.00	\$248,400.00	\$1,300.00	\$280,800.00	\$ 1,350.00	\$291,600.00
63	Reinforced Concrete Slope Paving (5" thick)	SY	142	\$100.00	\$14,200.00	\$110.00	\$15,620.00	\$125.00	\$17,750.00	\$ 128.00	\$18,176.00
64	Riprap - Gradation No. 1 (18" thick)	SY	308	\$100.00	\$30,800.00	\$100.00	\$30,800.00	\$100.00	\$30,800.00	\$ 120.00	\$36,960.00

Item No.	Description	UOM	Est. Qty.	WadeCon, LLC ¹		Conrad Construction Co., LTD		R Construction		Triple B Services, LLP	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
65	Lime Stabilized Subgrade Manipulation, 8" Depth	SY	42,913	\$3.00	\$128,739.00	\$3.50	\$150,195.50	\$5.00	\$214,565.00	\$ 5.50	\$236,021.50
66	Hydrated Lime (Slurry Applied) for Stabilization (Type B, 6%)	TON	932	\$200.00	\$186,400.00	\$200.00	\$186,400.00	\$200.00	\$186,400.00	\$ 185.00	\$172,420.00
67	Hot Mix Asphaltic Concrete Base Course (Black Base), 8" Depth	TON	1,588	\$90.00	\$142,920.00	\$90.00	\$142,920.00	\$120.00	\$190,560.00	\$ 105.00	\$166,740.00
68	Hot Mix Asphaltic Concrete Base Course (Black Base) for Driveways, 8" Depth	TON	183	\$95.00	\$17,385.00	\$90.00	\$16,470.00	\$120.00	\$21,960.00	\$ 105.00	\$19,215.00
69	Milling Existing Pavement (2")	SY	728	\$10.00	\$7,280.00	\$10.00	\$7,280.00	\$15.00	\$10,920.00	\$ 10.00	\$7,280.00
70	Prime Coat/Sealer for Asphalt Transitions (0.30 GAL/SY)	GAL	1,285	\$5.00	\$6,425.00	\$5.00	\$6,425.00	\$5.00	\$6,425.00	\$ 3.00	\$3,855.00
71	HMAC Type "D" Surface Course 2" thick	TON	395	\$120.00	\$47,400.00	\$125.00	\$49,375.00	\$150.00	\$59,250.00	\$ 115.00	\$45,425.00
72	HMAC Type "D" Surface Course 2" thick (Overlay)	TON	80	\$130.00	\$10,400.00	\$125.00	\$10,000.00	\$225.00	\$18,000.00	\$ 180.00	\$14,400.00
73	Tack Coat for Asphalt Transitions and Overlay (0.25 GAL/SY)	GAL	1,085	\$5.00	\$5,425.00	\$5.00	\$5,425.00	\$5.00	\$5,425.00	\$ 3.00	\$3,255.00
74	Reinforced Concrete Pavement - 10" Depth	MO	27,283	\$65.00	\$1,773,395.00	\$65.00	\$1,773,395.00	\$75.00	\$2,046,225.00	\$ 87.00	\$2,373,621.00
75	Reinforced Concrete High/Early Strength Pavement for Intersections, Turn Lanes, and Median Openings- 10" Depth	EA	8,129	\$70.00	\$569,030.00	\$75.00	\$609,675.00	\$83.00	\$674,707.00	\$ 111.00	\$902,319.00
76	Pedestrian Railing, Type PR11	LF	94	\$200.00	\$18,800.00	\$250.00	\$23,500.00	\$250.00	\$23,500.00	\$ 185.00	\$17,390.00
77	Reinforced Concrete High/Early Strength Pavement for Driveways- 10" Depth	SY	4,862	\$80.00	\$388,960.00	\$75.00	\$364,650.00	\$85.00	\$413,270.00	\$ 181.00	\$880,022.00
78	6" Concrete Curbs	LF	18,215	\$3.00	\$54,645.00	\$3.50	\$63,752.50	\$4.00	\$72,860.00	\$ 4.70	\$85,610.50
79	4-1/2" Concrete Sidewalk	SY	7,734	\$55.00	\$425,370.00	\$58.00	\$448,572.00	\$58.00	\$448,572.00	\$ 58.00	\$448,572.00
80	4-1/2" Concrete ADA Ramp	SY	527	\$200.00	\$105,400.00	\$150.00	\$79,050.00	\$95.00	\$50,065.00	\$ 198.00	\$104,346.00
81	Esplanades, Medians, and Directional Islands	SY	146	\$70.00	\$10,220.00	\$95.00	\$13,870.00	\$75.00	\$10,950.00	\$ 175.00	\$25,550.00
82	Colored Concrete Medians (Black)	SY	146	\$10.00	\$1,460.00	\$35.00	\$5,110.00	\$1.00	\$146.00	\$ 175.00	\$25,550.00
83	Metal Sidewalk	SY	10	\$200.00	\$2,000.00	\$1,200.00	\$12,000.00	\$250.00	\$2,500.00	\$ 182.00	\$1,820.00
84	Removing Old Esplanade Noses, Including Curbs for Lane Shifts at Airline	SY	907	\$5.00	\$4,535.00	\$6.00	\$5,442.00	\$1.00	\$907.00	\$ 7.00	\$6,349.00
85	TEMPORARY SPL. SHORING	SF	200	\$50.00	\$10,000.00	\$50.00	\$10,000.00	\$125.00	\$25,000.00	\$ 43.00	\$8,600.00
86	Esplanades, Medians, and Directional Islands for Reconstruction of Median at Airline	SY	907	\$60.00	\$54,420.00	\$60.00	\$54,420.00	\$1.00	\$907.00	\$ 113.00	\$102,491.00
87	Work Zone Pavement Markings 4" White/Solid (Removable) Furnished-Applied & Removed	LF	19,047	\$1.00	\$19,047.00	\$0.70	\$13,332.90	\$0.25	\$4,761.75	\$ 0.63	\$11,999.61
88	Work Zone Pavement Markings 4" Yellow/Solid (Removable) Furnished-Applied & Removed	LF	35,656	\$0.50	\$17,828.00	\$0.70	\$24,959.20	\$0.25	\$8,914.00	\$ 0.55	\$19,610.80
89	Work Zone Pavement Markings 24" White/Solid (Removable) Applied & Removed	LF	887	\$7.00	\$6,209.00	\$4.50	\$3,991.50	\$5.00	\$4,435.00	\$ 2.30	\$2,040.10
90	Work Zone Pavement Markings 4" White/Dashed (Removable) Furnished-Applied & Removed (15' over 40')	LF	4,293	\$0.50	\$2,146.50	\$0.70	\$3,005.10	\$1.00	\$4,293.00	\$ 0.60	\$2,575.80
91	WK ZN PAV MRK REMOV (W)4"(DOT)	LF	546	\$1.00	\$546.00	\$0.75	\$409.50	\$1.00	\$546.00	\$ 2.30	\$1,255.80
92	Traffic Control - Furnish-Install & Remove	MONTH	23	\$3,000.00	\$69,000.00	\$6,000.00	\$138,000.00	\$15,000.00	\$345,000.00	\$ 3,000.00	\$69,000.00
93	Temporary Commercial Driveways - Furnish-Install & Remove	EACH	93	\$100.00	\$9,300.00	\$800.00	\$74,400.00	\$1,000.00	\$93,000.00	\$ 5,000.00	\$465,000.00
94	Temporary Residential Driveways - Furnish-Install & Remove	EACH	11	\$100.00	\$1,100.00	\$400.00	\$4,400.00	\$800.00	\$8,800.00	\$ 3,500.00	\$38,500.00
95	Constructing Detours for Two-Way Traffic (8" Black Base) for Installing-Maintaining & Removing Low Profile Concrete Barrier (Furnish and Install)	TON	1,854	\$90.00	\$166,860.00	\$125.00	\$231,750.00	\$100.00	\$185,400.00	\$ 145.00	\$268,830.00
96	Low Profile Concrete Barrier (Furnish and Install)	LF	1,660	\$20.00	\$33,200.00	\$25.00	\$41,500.00	\$35.00	\$58,100.00	\$ 42.00	\$69,720.00
97	Low Profile Concrete Barrier (Relocate)	LF	4,780	\$5.00	\$23,900.00	\$12.00	\$57,360.00	\$12.00	\$57,360.00	\$ 15.00	\$71,700.00
98	Low Profile Concrete Barrier (Remove)	LF	1,660	\$10.00	\$16,600.00	\$12.00	\$19,920.00	\$20.00	\$33,200.00	\$ 19.00	\$31,540.00
99	Remove and Relocate Traffic Signs, Mail Boxes, Roadway Signs	LS	1	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$ 10,000.00	\$10,000.00
100	Aluminum Signs (Ground Mounted)- Furnish & Install	EACH	48	\$340.00	\$16,320.00	\$360.00	\$17,280.00	\$425.00	\$20,400.00	\$ 390.00	\$18,720.00
101	Furnish and Install Object Marker (Texas MUTCD: "OM - 3R/L")	EACH	2	\$100.00	\$200.00	\$265.00	\$530.00	\$400.00	\$800.00	\$ 170.00	\$340.00
102	ReflectORIZED Pavement Markings Type II 12" Yellow/Solid - Furnish & Applied Median Nose & Applied	LF	4,896	\$5.00	\$24,480.00	\$1.00	\$4,896.00	\$1.15	\$5,630.40	\$ 1.30	\$6,364.80
103	ReflectORIZED Pavement Markings Type I (Thermoplastic) 4" White/Dashed - Furnish & Applied	LF	4,410	\$1.00	\$4,410.00	\$0.65	\$2,866.50	\$1.00	\$4,410.00	\$ 0.55	\$2,425.50
104	ReflectORIZED Pavement Markings Type I (Thermoplastic) 4" White/Solid - Furnish & Applied	LF	320	\$1.00	\$320.00	\$0.65	\$208.00	\$1.00	\$320.00	\$ 0.55	\$176.00
105	ReflectORIZED Pavement Markings Type I (Thermoplastic) 8" White/Solid - Furnish & Applied	LF	2,140	\$3.00	\$6,420.00	\$1.30	\$2,782.00	\$1.50	\$3,210.00	\$ 2.05	\$4,387.00
106	ReflectORIZED Pavement Markings Type I (Thermoplastic) 12" White/Solid - Furnish & Applied	LF	1,701	\$5.00	\$8,505.00	\$3.00	\$5,103.00	\$3.25	\$5,528.25	\$ 3.10	\$5,273.10
107	ReflectORIZED Pavement Markings Type I (Thermoplastic) 24" White/Solid - Furnish & Applied	LF	1,201	\$10.00	\$12,010.00	\$6.00	\$7,206.00	\$6.25	\$7,506.25	\$ 5.60	\$6,725.60
108	ReflectORIZED Pavement Markings Type I (Thermoplastic) 4" Yellow/Dashed - Furnish & Applied (15' over 40')	LF	180	\$1.00	\$180.00	\$0.70	\$126.00	\$1.00	\$180.00	\$ 0.55	\$99.00
109	ReflectORIZED Pavement Markings Type I (Thermoplastic) 4" Yellow/Solid - Furnish & Applied	LF	5,311	\$1.00	\$5,311.00	\$0.70	\$3,717.70	\$1.00	\$5,311.00	\$ 0.55	\$2,921.05
110	Applied	LF	306	\$10.00	\$3,060.00	\$5.75	\$1,759.50	\$7.00	\$2,142.00	\$ 5.70	\$1,744.20
111	ReflectORIZED Pavement Markings Type I (Thermoplastic) Single Arrow-LEFT - Furnish & Applied	EACH	23	\$200.00	\$4,600.00	\$150.00	\$3,450.00	\$200.00	\$4,600.00	\$ 150.00	\$3,450.00
112	ReflectORIZED Pavement Markings Type I (Thermoplastic) Word "ONLY" - Furnish & Applied	EACH	21	\$200.00	\$4,200.00	\$180.00	\$3,780.00	\$200.00	\$4,200.00	\$ 195.00	\$4,095.00
113	ReflectORIZED Pavement Markers Type I-C - Furnish & Install	EACH	76	\$10.00	\$760.00	\$4.50	\$342.00	\$6.00	\$456.00	\$ 3.40	\$258.40
114	ReflectORIZED Pavement Markers Type II-A-A - Furnish & Install	EACH	412	\$10.00	\$4,120.00	\$4.50	\$1,854.00	\$6.00	\$2,472.00	\$ 4.50	\$1,854.00
115	ReflectORIZED Pavement Markers Type II-C-R - Furnish & Install	EACH	697	\$10.00	\$6,970.00	\$4.00	\$2,788.00	\$5.00	\$3,485.00	\$ 4.50	\$3,136.50
116	Non-ReflectORIZED Ceramic Traffic Buttons (White) - Furnish & Install	EACH	401	\$10.00	\$4,010.00	\$4.00	\$1,604.00	\$5.00	\$2,005.00	\$ 3.40	\$1,363.40
117	Non-ReflectORIZED Ceramic Traffic Buttons (Yellow) - Furnish & Install	EACH	356	\$10.00	\$3,560.00	\$4.00	\$1,424.00	\$5.00	\$1,780.00	\$ 3.40	\$1,210.40
118	Removing Pavement Striping & Markings (4" width) ANY COLOR/SOLID	LF	8,550	\$0.50	\$4,275.00	\$0.35	\$2,992.50	\$0.50	\$4,275.00	\$ 0.28	\$2,394.00
119	Removing Pavement Striping & Markings (8" width) ANY COLOR/SOLID	LF	804	\$1.00	\$804.00	\$0.70	\$562.80	\$1.00	\$804.00	\$ 0.45	\$361.80
120	Removing Pavement Striping & Markings (12" width) ANY COLOR/SOLID	LF	947	\$1.00	\$947.00	\$1.00	\$947.00	\$1.50	\$1,420.50	\$ 0.90	\$852.30
121	Removing Pavement Striping & Markings (24" width) ANY COLOR/SOLID	LF	752	\$1.00	\$752.00	\$2.10	\$1,579.20	\$2.50	\$1,880.00	\$ 1.70	\$1,278.40
122	Removing Pavement Striping & Markings (4" width ANY COLOR/DASHED) (15' over 40')	LF	675	\$1.00	\$675.00	\$0.35	\$236.25	\$1.00	\$675.00	\$ 0.34	\$229.50
123	Removing Pavement Markings (Single LEFT Arrow)	EACH	10	\$50.00	\$500.00	\$30.00	\$300.00	\$50.00	\$500.00	\$ 16.70	\$167.00

Item No.	Description	UOM	Est. Qty.	WadeCon, LLC ¹		Conrad Construction Co., LTD		R Construction		Triple B Services, LLP	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
124	Removing Pavement Markings (Single RIGHT Arrow)	EACH	3	\$50.00	\$150.00	\$30.00	\$90.00	\$50.00	\$150.00	\$ 16.70	\$50.10
125	Removing Pavement Markings (Single STRAIGHT Arrow)	EACH	1	\$50.00	\$50.00	\$30.00	\$30.00	\$50.00	\$50.00	\$ 16.70	\$16.70
126	Removing Pavement Markings ("ONLY")	EACH	13	\$50.00	\$650.00	\$30.00	\$390.00	\$50.00	\$650.00	\$ 28.00	\$364.00
127	Removing Pavement Markings (Any Button)	EACH	997	\$1.00	\$997.00	\$1.00	\$997.00	\$1.25	\$1,246.25	\$ 0.55	\$548.35
128	Furnish and Install Solar Flasher Assembly Including Signs, GPS Receiver, Flasher Cabinet, Etc.	EACH	8	\$10,000.00	\$80,000.00	\$3,000.00	\$24,000.00	\$3,500.00	\$28,000.00	\$ 6,872.00	\$54,976.00
129	Furnish and install Traffic Control Systems per Plans, complete in place, excluding items listed below (Sweetwater)	LS	1	\$80,000.00	\$80,000.00	\$65,000.00	\$65,000.00	\$70,000.00	\$70,000.00	\$ 78,500.00	\$78,500.00
130	Furnish and install Traffic Control Systems per Plans, complete in place, excluding items listed below (Cobbleshire)	LS	1	\$75,000.00	\$75,000.00	\$40,000.00	\$40,000.00	\$45,000.00	\$45,000.00	\$ 70,100.00	\$70,100.00
131	Furnish and install Traffic Control Systems per Plans, complete in place, excluding items listed below (Airline)	LS	1	\$90,000.00	\$90,000.00	\$75,000.00	\$75,000.00	\$85,000.00	\$85,000.00	\$ 77,000.00	\$77,000.00
132	Drilled Shaft Foundations: Furnish and Install Reinforced Concrete Pole Foundation (Class B2), (TYPE 10036), Including Anchor Bolts	VF	75	\$200.00	\$15,000.00	\$270.00	\$20,250.00	\$275.00	\$20,625.00	\$ 310.00	\$23,250.00
133	Drilled Shaft Foundations: Furnish and Install Reinforced Concrete Pole Foundation (TxDOT LMA 48" Diameter), Including Anchor Bolts	VF	132	\$350.00	\$46,200.00	\$350.00	\$46,200.00	\$375.00	\$49,500.00	\$ 400.00	\$52,800.00
134	Insulated Jacketed Traffic Signal Cable: Furnish and Install #4 AWG, XHHW (Stranded) Wire	LF	960	\$2.00	\$1,920.00	\$3.00	\$2,880.00	\$4.00	\$3,840.00	\$ 2.30	\$2,208.00
135	Insulated Jacketed Traffic Signal Cable: Furnish and Install #8 AWG, Bare Copper (Solid) Wire with Grounding Hardware	LF	1,500	\$2.00	\$3,000.00	\$1.50	\$2,250.00	\$2.00	\$3,000.00	\$ 1.55	\$2,325.00
136	Insulated Jacketed Traffic Signal Cable: Furnish and Install 2/C #14 AWG (IMSA 20-1) (Stranded) Cable	LF	3,480	\$2.00	\$6,960.00	\$1.20	\$4,176.00	\$1.50	\$5,220.00	\$ 1.20	\$4,176.00
137	Insulated Jacketed Traffic Signal Cable: Furnish and Install 2/C #14 AWG (IMSA 50-2) (Stranded) Cable	LF	7,710	\$2.00	\$15,420.00	\$1.30	\$10,023.00	\$2.75	\$21,202.50	\$ 1.40	\$10,794.00
138	Insulated Jacketed Traffic Signal Cable: Furnish and Install 4/C #14 AWG (IMSA 20-1) (Stranded) Cable	LF	2,280	\$2.00	\$4,560.00	\$1.50	\$3,420.00	\$2.00	\$4,560.00	\$ 1.60	\$3,648.00
139	Insulated Jacketed Traffic Signal Cable: Furnish and Install 7/C #14 AWG (IMSA 20-1) (Stranded) Cable	LF	5,940	\$2.00	\$11,880.00	\$2.70	\$16,038.00	\$3.00	\$17,820.00	\$ 2.00	\$11,880.00
140	Steel Mast Arm & Steel Strain Pole Assemblies: Furnish and Install Harris County 35' Clamp-On Mast Arm	EACH	2	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$5,250.00	\$10,500.00	\$ 5,300.00	\$10,600.00
141	Steel Mast Arm & Steel Strain Pole Assemblies: Furnish and Install Harris County 40' Clamp-On Mast Arm	EACH	2	\$5,000.00	\$10,000.00	\$5,500.00	\$11,000.00	\$6,000.00	\$12,000.00	\$ 6,200.00	\$12,400.00
142	Steel Mast Arm & Steel Strain Pole Assemblies: Furnish and Install Harris County 44' Clamp-On Mast Arm	EACH	1	\$7,500.00	\$7,500.00	\$7,000.00	\$7,000.00	\$7,250.00	\$7,250.00	\$ 7,700.00	\$7,700.00
143	Steel Mast Arm & Steel Strain Pole Assemblies: Furnish and Install 50' Clamp-On Mast Arm (TxDOT LMA Standard)	EACH	3	\$25,000.00	\$75,000.00	\$14,000.00	\$42,000.00	\$15,500.00	\$46,500.00	\$ 30,000.00	\$90,000.00
144	Steel Mast Arm & Steel Strain Pole Assemblies: Furnish and Install 60' Clamp-On Mast Arm (TxDOT LMA Standard)	EACH	1	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$17,000.00	\$17,000.00	\$ 31,000.00	\$31,000.00
145	Steel Mast Arm & Steel Strain Pole Assemblies: Furnish and Install 65' Clamp-On Mast Arm (TxDOT LMA Standard)	EACH	2	\$27,000.00	\$54,000.00	\$16,000.00	\$32,000.00	\$17,500.00	\$35,000.00	\$ 31,000.00	\$62,000.00
146	Steel Mast Arm & Steel Strain Pole Assemblies: Furnish and Install HC10034 (34') Steel Strain Pole	EACH	5	\$7,000.00	\$35,000.00	\$7,500.00	\$37,500.00	\$8,100.00	\$40,500.00	\$ 8,500.00	\$42,500.00
147	Furnish and Install Meter Pole, Service Loop and Safety Switch [Type D(MOD 1) (120/240) 070 (NS) SS (E) SP (O)]	EACH	3	\$5,000.00	\$15,000.00	\$5,000.00	\$15,000.00	\$5,600.00	\$16,800.00	\$ 5,100.00	\$15,300.00
148	Treated Timber Poles (Furnish and Install 40' Class II Wood Pole, including two 8' x 10" screw anchors, down guys, down guy covers, and hardware)	EACH	4	\$15,000.00	\$60,000.00	\$3,500.00	\$14,000.00	\$4,000.00	\$16,000.00	\$ 1,400.00	\$5,600.00
149	Traffic Signal Supports - Pedestal Poles (Furnish and Install 4" x 10' Sch. 80, Spun Aluminum Pole including Screw Anchor Foundation)	EACH	12	\$2,500.00	\$30,000.00	\$2,000.00	\$24,000.00	\$2,150.00	\$25,800.00	\$ 1,700.00	\$20,400.00
150	Road Illumination Assemblies (On Traffic Signal Poles): Furnish and Install 15' Luminaire Arm with LED Luminaire Fixture with Shorting Cap	EACH	2	\$2,000.00	\$4,000.00	\$1,600.00	\$3,200.00	\$1,800.00	\$3,600.00	\$ 1,500.00	\$3,000.00
151	Road Illumination Assemblies (On Traffic Signal Poles): Furnish and Install TxDOT LMA 10' Luminaire Arm with LED Luminaire Fixture with Shorting Cap	EACH	4	\$1,500.00	\$6,000.00	\$1,400.00	\$5,600.00	\$1,600.00	\$6,400.00	\$ 1,300.00	\$5,200.00
152	Traffic Signal Heads: Furnish and Install 12", One Way, 3 Section LED (AC Input Voltage) Horizontal Mid Mount Mast Arm Assembly, All Hardware	EACH	22	\$600.00	\$13,200.00	\$800.00	\$17,600.00	\$850.00	\$18,700.00	\$ 615.00	\$13,530.00
153	Traffic Signal Heads: Furnish and Install 12", One Way, 4 Section LED (AC Input Voltage) Horizontal End Mount Mast Arm Signal Assembly, All Hardware	EACH	9	\$700.00	\$6,300.00	\$1,000.00	\$9,000.00	\$1,100.00	\$9,900.00	\$ 630.00	\$5,670.00
154	Traffic Signal Heads: Furnish and Install 12", One Way, 3 Section LED (AC Input Voltage) Horizontal Mid Mount Mast Arm Assembly, All Hardware (FOR TEMPORARY SIGNALS)	EACH	16	\$400.00	\$6,400.00	\$800.00	\$12,800.00	\$850.00	\$13,600.00	\$ 575.00	\$9,200.00
155	Traffic Signal Heads: Furnish and Install 12", One Way, 4 Section LED (AC Input Voltage) Horizontal End Mount Mast Arm Assembly, All Hardware (FOR TEMPORARY SIGNALS)	EACH	8	\$400.00	\$3,200.00	\$1,000.00	\$8,000.00	\$1,100.00	\$8,800.00	\$ 590.00	\$4,720.00

Job No. 210200, Road Construction at West Gulf Bank Road I-45 to Airline Drive for Harris County Precinct 1

Item No.	Description	UOM	Est. Qty.	WadeCon, LLC ¹		Conrad Construction Co., LTD		R Construction		Triple B Services, LLP	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
156	LED Pedestrian Traffic Signal Lamp Unit: Furnish and Install LED (AC Input Voltage) Single Section Symbolic Pedestrian (Countdown) Signal Assembly, All Hardware	EACH	24	\$500.00	\$12,000.00	\$650.00	\$15,600.00	\$700.00	\$16,800.00	\$ 465.00	\$11,160.00
157	Pedestrian Signal Head: Furnish and Install Pedestrian Push Button APS Station (Right Arrow, Left Arrow, Double Arrow)	EACH	23	\$800.00	\$18,400.00	\$700.00	\$16,100.00	\$850.00	\$19,550.00	\$ 745.00	\$17,135.00
158	Traffic Signal Installation and Modification: Furnish and Install Harris County ATC Controller	EACH	3	\$4,200.00	\$12,600.00	\$4,000.00	\$12,000.00	\$4,100.00	\$12,300.00	\$ 3,900.00	\$11,700.00
159	Cabinet Assembly (HC)(Housing 3) with Side Mounted Battery Backup System (BBS) - Foundation Included	EACH	3	\$30,000.00	\$90,000.00	\$31,000.00	\$93,000.00	\$33,750.00	\$101,250.00	\$ 38,000.00	\$114,000.00
160	Traffic Signal Installation and Modification: Furnish and Install Pedestrian Push Button Controller Unit (APS)	EACH	3	\$1,500.00	\$4,500.00	\$2,000.00	\$6,000.00	\$1,400.00	\$4,200.00	\$ 3,700.00	\$11,100.00
161	Aluminum Signs: Furnish and Install Mast Arm Mounted "Street Name Sign (VARIES X 18")	EACH	11	\$1,000.00	\$11,000.00	\$500.00	\$5,500.00	\$600.00	\$6,600.00	\$ 500.00	\$5,500.00
162	Aluminum Signs: Furnish and Install Roadside Traffic Sign and Sign Support	EACH	13	\$300.00	\$3,900.00	\$400.00	\$5,200.00	\$300.00	\$3,900.00	\$ 450.00	\$5,850.00
163	Sodding for Erosion Control and Stabilization (Various Widths)	SY	23,826	\$2.00	\$47,652.00	\$4.50	\$107,217.00	\$4.00	\$95,304.00	\$ 5.00	\$119,130.00
164	TPDES General Permit No. TXR 150000, Notice of Intent (NOI) Application Fees (Contractor's NOI Fee & Harris County's NOI Fee, Each Fee shall be set price of \$225.00)	EACH	2	\$225.00	\$450.00	\$225.00	\$450.00	\$225.00	\$450.00	\$ 225.00	\$450.00
165	Reinforced Filter Fabric Barrier (60% of unit cost for furnish and installation and 40% of unit cost for removal)	LF	3,477	\$1.00	\$3,477.00	\$1.25	\$4,346.25	\$2.50	\$8,692.50	\$ 2.50	\$8,692.50
166	Inlet Protection Barrier (Stage I, With Fiber Rolls; 60% of unit cost for furnish and installation, and 40% of unit cost for removal)	EACH	73	\$10.00	\$730.00	\$50.00	\$3,650.00	\$100.00	\$7,300.00	\$ 50.00	\$3,650.00
167	Stabilized Construction Access (Type I-Rock; 60% of unit cost for furnish and installation, and 40% of unit cost for removal)	SY	129	\$10.00	\$1,290.00	\$20.00	\$2,580.00	\$35.00	\$4,515.00	\$ 40.00	\$5,160.00
168	Concrete Truck Washout Structures (60% of unit cost for furnish and installation, and 40% of unit cost for removal)	LS	1	\$500.00	\$500.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$ 2,300.00	\$2,300.00
169	Inlet Protection Barrier (For Stage II Inlets, Gravel Bags; 60% of unit cost for furnish and installation, and 40% of unit cost for removal)	EACH	54	\$10.00	\$540.00	\$50.00	\$2,700.00	\$100.00	\$5,400.00	\$ 18.00	\$972.00
170	Rock Filter Dam (Type 4; 60% of unit cost for furnish and installation, and 40% of unit cost for removal)	LF	80	\$10.00	\$800.00	\$50.00	\$4,000.00	\$50.00	\$4,000.00	\$ 70.00	\$5,600.00
171	SWPPP Inspection and Maintenance (Min. Bid - \$6,000 Required.)	MONTH	23	\$6,000.00	\$138,000.00	\$6,000.00	\$138,000.00	\$6,000.00	\$138,000.00	\$ 6,000.00	\$138,000.00
172	Special Roadway Excavation (Minimum: \$10.00/CY)	CY	1,000	\$10.00	\$10,000.00	\$10.00	\$10,000.00	\$10.00	\$10,000.00	\$ 18.00	\$18,000.00
173	Borrow (Minimum: \$12.00/CY)	CY	500	\$15.00	\$7,500.00	\$12.00	\$6,000.00	\$12.00	\$6,000.00	\$ 21.00	\$10,500.00
174	Hydro-mulch Seeding	ACRE	1	\$6,000.00	\$3,000.00	\$2,800.00	\$1,400.00	\$5,000.00	\$2,500.00	\$ 1,550.00	\$775.00
175	Seal Slab, Class D Concrete, 7" thickness (Minimum: \$25.00/SY)	SY	1,000	\$25.00	\$25,000.00	\$25.00	\$25,000.00	\$25.00	\$25,000.00	\$ 38.00	\$38,000.00
176	Cement Stabilized Sand, Complete in Place 8" Thick	SY	500	\$10.00	\$5,000.00	\$15.00	\$7,500.00	\$15.00	\$7,500.00	\$ 28.00	\$14,000.00
177	Well Pointing System (Minimum: \$25.00/LF)	LF	1,000	\$25.00	\$25,000.00	\$25.00	\$25,000.00	\$25.00	\$25,000.00	\$ 32.00	\$32,000.00
178	Construction Safety Fence	LF	500	\$1.00	\$500.00	\$1.50	\$750.00	\$4.00	\$2,000.00	\$ 1.90	\$950.00
179	Uniform Peace Officer (Minimum: \$45.00/HR)	HOURL	250	\$50.00	\$12,500.00	\$45.00	\$11,250.00	\$50.00	\$12,500.00	\$ 65.00	\$16,250.00
180	Video Recording Construction	LS	1	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$ 5,000.00	\$5,000.00
181	Removal	LF	200	\$40.00	\$8,000.00	\$130.00	\$26,000.00	\$75.00	\$15,000.00	\$ 185.00	\$37,000.00
182	4-Foot Diameter Corrosion-Resistant Manhole	EACH	1	\$7,500.00	\$7,500.00	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$ 10,000.00	\$10,000.00
183	4-Foot Diameter Air Release Manhole With Valves And Fittings Installed	EACH	1	\$7,500.00	\$7,500.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$ 18,000.00	\$18,000.00
184	Remove And Dispose Of 6-Inch Waterlines And Water Service Lines	LF	5	\$100.00	\$500.00	\$20.00	\$100.00	\$50.00	\$250.00	\$ 36.00	\$180.00
185	Remove And Dispose Of 8-Inch Waterlines And Water Service Lines	LF	38	\$100.00	\$3,800.00	\$20.00	\$760.00	\$50.00	\$1,900.00	\$ 29.00	\$1,102.00
186	Remove And Dispose Of 12-Inch Waterlines And Water Service Lines	LF	10	\$100.00	\$1,000.00	\$20.00	\$200.00	\$50.00	\$500.00	\$ 50.00	\$500.00
187	Abandon And Fill 6-Inch Diameter Sewer	LF	63	\$10.00	\$630.00	\$30.00	\$1,890.00	\$50.00	\$3,150.00	\$ 42.00	\$2,646.00
188	Trench Safety System for Trench Excavation of Sanitary Sewers	LF	80	\$10.00	\$800.00	\$1.00	\$80.00	\$10.00	\$800.00	\$ 1.00	\$80.00
189	Trench Safety System for Trench Excavation of Water Line	LF	996	\$5.00	\$4,980.00	\$1.00	\$996.00	\$1.00	\$996.00	\$ 1.00	\$996.00
190	8-Inch Diameter Dip Water Line By Open-Cut With Restrained Joints	LF	44	\$200.00	\$8,800.00	\$215.00	\$9,460.00	\$350.00	\$15,400.00	\$ 225.00	\$9,900.00
191	8-Inch Diameter Dip Water Line By Trenchless Construction With Restrained Joints	LF	90	\$300.00	\$27,000.00	\$250.00	\$22,500.00	\$400.00	\$36,000.00	\$ 130.00	\$11,700.00
192	12-Inch PVC Diameter Water Line By Open-Cut	LF	887	\$80.00	\$70,960.00	\$140.00	\$124,180.00	\$130.00	\$115,310.00	\$ 85.00	\$75,395.00
193	12-Inch Diameter PVC Water Line By Open-Cut with Restrained Joints	LF	45	\$200.00	\$9,000.00	\$180.00	\$8,100.00	\$225.00	\$10,125.00	\$ 145.00	\$6,525.00
194	12" Restrained Plug	EACH	2	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$1,750.00	\$3,500.00	\$ 800.00	\$1,600.00
195	1-1/2-Inch To 2-Inch Diameter Water Taps And Service Lines With Meter Box, Short Side	EACH	1	\$3,000.00	\$3,000.00	\$2,100.00	\$2,100.00	\$2,500.00	\$2,500.00	\$ 2,100.00	\$2,100.00
196	1-1/2-Inch To 2-Inch Diameter Water Taps And Service Lines With Meter Box, Long Side	EACH	1	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$3,500.00	\$3,500.00	\$ 3,700.00	\$3,700.00
197	8-Inch Diameter Wet Connection	EACH	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,750.00	\$2,750.00	\$ 730.00	\$730.00
198	Cut, Plug, And Abandon Existing 8-Inch Diameter Water Line	EACH	3	\$2,500.00	\$7,500.00	\$1,000.00	\$3,000.00	\$1,250.00	\$3,750.00	\$ 540.00	\$1,620.00
199	Cut, Plug, And Abandon Existing 12-Inch Diameter Water Line	LF	2	\$3,000.00	\$6,000.00	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00	\$ 700.00	\$1,400.00

Item No.	Description	UOM	Est. Qty.	WadeCon, LLC ¹		Conrad Construction Co., LTD		R Construction		Triple B Services, LLP	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
200	6-Inch Diameter Fire Hydrant Branch By Open-Cut	LF	20	\$25.00	\$500.00	\$80.00	\$1,600.00	\$125.00	\$2,500.00	\$ 30.00	\$600.00
201	Remove And Salvage Existing Fire Hydrant	EACH	1	\$500.00	\$500.00	\$800.00	\$800.00	\$1,500.00	\$1,500.00	\$ 250.00	\$250.00
202	Fire Hydrant Assembly, All Depths, Including 6-Inch Diameter Gate Valve And Box	EACH	2	\$7,500.00	\$15,000.00	\$6,000.00	\$12,000.00	\$6,500.00	\$13,000.00	\$ 4,700.00	\$9,400.00
203	12-Inch By 6-Inch Diameter Tapping Sleeve And Valve	EACH	1	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$5,100.00	\$5,100.00	\$ 3,600.00	\$3,600.00
204	12-Inch By 12-Inch Diameter Tapping Sleeve And Valve	EACH	2	\$8,000.00	\$16,000.00	\$8,500.00	\$17,000.00	\$9,750.00	\$19,500.00	\$ 9,300.00	\$18,600.00
205	Relocate Water Meter & Box (2" & Smaller)	EACH	2	\$1,500.00	\$3,000.00	\$3,000.00	\$3,500.00	\$2,750.00	\$5,500.00	\$ 3,300.00	\$6,600.00
206	14-Inch Split Steel Casing For Existing 8-Inch Sanitary Sewer	LF	10	\$500	\$5,000.00	\$350.00	\$3,500.00	\$350.00	\$3,500.00	\$ 330.00	\$3,300.00
207	Remove And Dispose - 6-Inch Diameter Sanitary Sewer	LF	13	\$20	\$260.00	\$450.00	\$5,850.00	\$50.00	\$650.00	\$ 40.00	\$520.00
208	6-Inch Diameter Sanitary Force Main, By Open-Cut With Restrained Joints	LF	80	\$100	\$8,000.00	\$220.00	\$17,600.00	\$375.00	\$30,000.00	\$ 150.00	\$12,000.00
209	Pavement Repair And Restoration	SY	77	\$100	\$7,700.00	\$175.00	\$13,475.00	\$85.00	\$6,545.00	\$ 110.00	\$8,470.00
210	Furnish and Install, 4-foot Sanitary Sewer Manhole with 2-foot External Drop over existing 10-inch sanitary sewer, Complete in Place.	EA	1	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	\$ 5,800.00	\$5,800.00
211	Remove Existing Sanitary Sewer Manhole and Replace w/ Standard City of Houston 4-foot Diameter Sanitary Sewer Manhole, all depths, Complete in Place.	EA	1	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	\$ 4,000.00	\$4,000.00
212	Furnish and Install Standard City of Houston Sanitary Sewer Air/Vacuum Release Valve Manhole, all depths, Complete in Place.	EA	1	\$15,000.00	\$15,000.00	\$12,000.00	\$12,000.00	\$17,500.00	\$17,500.00	\$ 13,000.00	\$13,000.00
213	Furnish and Install Standard City of Houston Corrosion Resistant 4-foot Diameter Sanitary Sewer Manhole, all depths, Complete in Place.	EA	1	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$8,500.00	\$8,500.00	\$ 5,600.00	\$5,600.00
214	Removal and Disposal of existing Flushing Valve Assemblies, Complete in Place.	EA	10	\$1,000.00	\$10,000.00	\$600.00	\$6,000.00	\$1,250.00	\$12,500.00	\$ 650.00	\$6,500.00
215	Replace w/ 8-inch Ductile Iron Pipe at Grade as Noted on the Plans, including connection to existing sanitary sewer line and proper bedding and backfill, All Depths, Complete in Place.	LS	1	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$ 7,800.00	\$7,800.00
216	Replace w/ 10-inch Ductile Iron Pipe at Grade as Noted on the Plans, including connection and proper bedding and backfill, All Depths, Complete in Place.	LS	2	\$12,000.00	\$24,000.00	\$17,500.00	\$35,000.00	\$12,500.00	\$25,000.00	\$ 9,200.00	\$18,400.00
217	Trench Safety for Water Line Items	LF	2,997	\$1	\$2,997.00	\$1.00	\$2,997.00	\$1.00	\$2,997.00	\$ 1.00	\$2,997.00
218	Trench Safety for Sanitary Sewer Items	LF	2,430	\$5	\$12,150.00	\$1.00	\$2,430.00	\$1.00	\$2,430.00	\$ 1.00	\$2,430.00
219	Additional Cost to Bore and Jack 6-inch Water Line, Complete in Place.	LF	159	\$40	\$6,360.00	\$150.00	\$23,850.00	\$60.00	\$9,540.00	\$ 40.00	\$6,360.00
220	Additional Cost to Bore and Jack 8-inch Water Line, Complete in Place.	LF	241	\$50	\$12,050.00	\$175.00	\$42,175.00	\$60.00	\$14,460.00	\$ 50.00	\$12,050.00
221	Additional Cost to Bore and Jack 2-inch Force Main, Complete in Place.	LF	74	\$30	\$2,220.00	\$150.00	\$11,100.00	\$60.00	\$4,440.00	\$ 25.00	\$1,850.00
222	Additional Cost to Bore and Jack 4-inch Force Main, Complete in Place.	LF	105	\$40	\$4,200.00	\$150.00	\$15,750.00	\$60.00	\$6,300.00	\$ 25.00	\$2,625.00
223	Furnish Ductile Iron, Restrained Mechanical Joint Fittings (weight for body casting, price for hardware & appurtenances incidental to bid item), Complete in Place.	TON	3	\$1,000.00	\$2,920.00	\$1.00	\$2.92	\$2,500.00	\$7,300.00	\$ 5,000.00	\$14,600.00
224	Furnish and Install 6-inch AWWA C-900 PVC Pipe (DR-18) Water Line, with standard bedding, including all appurtenances, all depths, Complete in Place.	LF	417	\$80	\$33,360.00	\$90.00	\$37,530.00	\$115.00	\$47,955.00	\$ 75.00	\$31,275.00
225	Furnish and Install 8-inch AWWA C-900 PVC Pipe (DR-18) Water Line, with standard bedding	LF	2,670	\$80	\$213,600.00	\$95.00	\$253,650.00	\$115.00	\$307,050.00	\$ 78.00	\$208,260.00
226	Furnish and Install 6-inch Restrained Joint Pipe Section Water Line, all fittings and appurtenances, all depths, Perpendicular to W. Gulf Bank Rd. (STA 126+95.00), Complete in	LS	1	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$13,500.00	\$13,500.00	\$ 4,000.00	\$4,000.00
227	Furnish and Install 6-inch Restrained Joint Pipe Section Water Line, all fittings and appurtenances, all depths, Perpendicular to W. Gulf Bank Rd. (STA 147+20.00), Complete in	LS	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$13,500.00	\$13,500.00	\$ 4,000.00	\$4,000.00
228	Furnish and Install 8-inch Restrained Joint Pipe Section Water Line, all fittings and appurtenances, all depths, Parallel to W. Gulf Bank Rd. (STA 127+00.00), Complete in Place.	LS	1	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$13,500.00	\$13,500.00	\$ 4,000.00	\$4,000.00
229	Furnish and Install 8-inch Restrained Joint Pipe Section Water Line, all fittings and appurtenances, all depths, Parallel to W. Gulf Bank Rd. (STA 131+25.00), Complete in Place.	LS	1	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$35,000.00	\$35,000.00	\$ 8,000.00	\$8,000.00
230	Furnish and Install 8-inch Restrained Joint Pipe Section Water Line, all fittings and appurtenances, all depths, Parallel to W. Gulf Bank Rd. (STA 134+75.00), Complete in Place.	LS	1	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$15,000.00	\$15,000.00	\$ 6,200.00	\$6,200.00
231	appurtenances, all depths, Perpendicular to W. Gulf Bank Rd. (STA 134+75.00), Complete in Place.	LS	1	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$18,750.00	\$18,750.00	\$ 4,800.00	\$4,800.00
232	Furnish and Install 8-inch Restrained Joint Pipe Section Water Line, all fittings and appurtenances, all depths, Parallel to W. Gulf Bank Rd. (STA 140+00.00), Complete in Place.	LS	1	\$20,000.00	\$20,000.00	\$12,000.00	\$12,000.00	\$27,500.00	\$27,500.00	\$ 11,000.00	\$11,000.00
233	Furnish and Install 8-inch Restrained Joint Pipe Section Water Line, all fittings and appurtenances, all depths, Parallel to W. Gulf Bank Rd. (STA 144+50.00), Complete in Place.	LS	1	\$20,000.00	\$20,000.00	\$50,000.00	\$50,000.00	\$70,000.00	\$70,000.00	\$ 42,000.00	\$42,000.00
234	Furnish and Install 8-inch Restrained Joint Pipe Section Water Line, all fittings and appurtenances, all depths, Parallel to W. Gulf Bank Rd. (STA 147+50.00), Complete in Place.	LS	1	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$37,500.00	\$37,500.00	\$ 22,000.00	\$22,000.00
235	Furnish and Install 4-inch AWWA C-900 PVC Pipe (DR-18) Force Main, with standard bedding, including all appurtenances and fittings, all depths, Complete in Place.	LF	1,055	\$50	\$52,750.00	\$90.00	\$94,950.00	\$100.00	\$105,500.00	\$ 45.00	\$47,475.00
236	Furnish and Install 4-inch Restrained Joint Pipe Section Force Main, all fittings and appurtenances, all depths, Parallel to W. Gulf Bank Rd. (STA 144+75.00), Complete in Place.	LS	1	\$18,000.00	\$18,000.00	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$ 20,500.00	\$20,500.00
237	Furnish and Install 2-inch Restrained Joint Pipe Section Force Main, all fittings and appurtenances, all depths, Perpendicular to W. Gulf Bank Rd. (STA 154+50.00), Complete in	LS	1	\$18,000.00	\$18,000.00	\$4,000.00	\$4,000.00	\$12,500.00	\$12,500.00	\$ 1,400.00	\$1,400.00
238	Wet Connection for Water Line Items (all sizes, including all necessary adapters, connection fittings, and hardware), Complete in Place.	EA	5	\$3,000.00	\$15,000.00	\$3,000.00	\$15,000.00	\$2,500.00	\$12,500.00	\$ 1,000.00	\$5,000.00
239	Wet Connection for Sanitary Sewer Items(all sizes, including all necessary adapters, connection fittings, and hardware), Complete in Place.	EA	1	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$ 1,100.00	\$1,100.00
240	Install 6-inch Plug & Clamp, Complete in Place.	EA	3	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00	\$1,250.00	\$3,750.00	\$ 600.00	\$1,800.00
241	Install 8-inch Plug & Clamp, Complete in Place.	EA	1	\$2,000.00	\$2,000.00	\$800.00	\$800.00	\$1,750.00	\$1,750.00	\$ 750.00	\$750.00
242	Furnish and Install Flushing Valve Assembly, including Tee, 6-inch Gate Valve & Box, 6-inch Lead, and Flushing Valve, all depths, Complete in Place.	EA	8	\$7,000.00	\$56,000.00	\$6,100.00	\$48,800.00	\$6,500.00	\$52,000.00	\$ 5,100.00	\$40,800.00
243	Furnish and Install Flushing Valve only, all depths, Complete in Place.	EA	2	\$6,500.00	\$13,000.00	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$ 3,200.00	\$6,400.00
244	Furnish and Install 6-inch AWWA Gate Valve and Box, Complete in Place.	EA	3	\$1,000.00	\$3,000.00	\$2,000.00	\$6,000.00	\$3,500.00	\$10,500.00	\$ 1,400.00	\$4,200.00
245	Furnish and Install 8-inch AWWA Gate Valve and Box, Complete in Place.	EA	3	\$2,500.00	\$7,500.00	\$2,500.00	\$7,500.00	\$4,000.00	\$12,000.00	\$ 1,900.00	\$5,700.00

Job No. 210200, Road Construction at West Gulf Bank Road I-45 to Airline Drive for Harris County Precinct 1

Item No.	Description	UOM	Est. Qty.	WadeCon, LLC ¹		Conrad Construction Co., LTD		R Construction		Triple B Services, LLP	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
246	Furnish and Install 6-inch Insert-a-Valve, Complete in Place.	EA	2	\$10,000.00	\$20,000.00	\$10,000.00	\$20,000.00	\$10,000.00	\$20,000.00	\$ 10,500.00	\$21,000.00
247	Furnish and Install 6-inch x 6-inch Tapping Sleeve & Valve, Complete in Place.	EA	1	\$10,000.00	\$10,000.00	\$4,500.00	\$4,500.00	\$5,500.00	\$5,500.00	\$ 7,800.00	\$7,800.00
248	Furnish and Install 8-inch Insert-a-Valve, Complete in Place.	EA	1	\$11,000.00	\$11,000.00	\$10,000.00	\$10,000.00	\$11,250.00	\$11,250.00	\$ 11,000.00	\$11,000.00
249	Furnish and Install 8-inch x 8-inch Tapping Sleeve & Valve, Complete in Place.	EA	1	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00	\$ 4,800.00	\$4,800.00
250	Furnish and Install 8-inch x 6-inch Tapping Sleeve & Valve, Complete in Place.	EA	2	\$7,500.00	\$15,000.00	\$5,000.00	\$10,000.00	\$5,500.00	\$11,000.00	\$ 7,200.00	\$14,400.00
251	Furnish and Install 8- Inch ASTM D3034 SDR 26 PVC Pipe, with bedding and backfill, all depths, Complete in Place.	LF	20	\$250.00	\$5,000.00	\$160.00	\$3,200.00	\$300.00	\$6,000.00	\$ 85.00	\$1,700.00
252	Furnish and Install 10-Inch ASTM D3034 SDR 26 PVC Pipe, with bedding and backfill, all depths, Complete in Place.	LF	388	\$80.00	\$31,040.00	\$165.00	\$64,020.00	\$130.00	\$50,440.00	\$ 100.00	\$38,800.00
253	Furnish and Install 2-inch Schedule 80 PVC Pipe (solvent weld) Force Main, with standard bedding, including all appurtenances and fittings, all depths, Complete in Place.	LF	967	\$30.00	\$29,010.00	\$65.00	\$62,855.00	\$60.00	\$58,020.00	\$ 45.00	\$43,515.00
	Steel Mast Arm & Steel Strain Pole Assemblies: Furnish and Install TxDOT (30') Steel Strain Pole	EACH	6	\$500.00	\$3,000.00	\$13,000.00	\$78,000.00	\$13,500.00	\$81,000.00	\$ 9,800.00	\$58,800.00
	Grand Total			\$500.00	<u>\$14,415,963.50</u>		<u>\$15,135,463.82</u>		<u>\$15,298,172.40</u>		<u>\$16,779,095.46</u>
¹ Award Recommendation Low Bid											