City of Round Rock Lisa Rae Dr. Utility Roadway Improvements Halff Assoc. Bid Analysis November 1, 2018

BID	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	ENGINEER'S ESTIMATE		AUSTIN ENGINEERING CO., INC.		SMITH CONTRACTING CO., INC.		JBS UNDERGROUND, LLC		CHASCO CONSTRUCTORS		PATIN CONSTRUCTION, LLC	
ITEM					UNIT COST	LINE ITEM SUBTOTAL	UNIT COST	LINE ITEM SUBTOTAL	UNIT COST	LINE ITEM SUBTOTAL	UNIT COST	LINE ITEM SUBTOTAL	UNIT COST	LINE ITEM SUBTOTAL	UNIT COST	LINE ITEM SUBTOTAL
1	101	PREPARING RIGHT OF WAY	7	STA	\$3,300.00	\$23,100.00	\$1,000.00	\$7,000.00	\$3,000.00	\$21,000.00	\$833.46	\$5,834.22	\$5,100.00	\$35,700.00	\$3,000.00	\$21,000.00
2	104	REMOVE P.C. CONCRETE SIDEWALK & DRIVEWAYS	2,124	SF	\$3.00	\$6,372.00	\$2.00	\$4,248.00	\$3.75	\$7,965.00	\$3.00	\$6,378.37	\$3.00	\$6,372.00	\$7.00	\$14,868.00
3	104	REMOVE P.C. CONCRETE CURB	7	LF	\$18.00	\$126.00	\$4.00	\$28.00	\$20.00	\$140.00	\$91.99	\$643.92	\$20.00	\$140.00	\$15.00	\$105.00
4	110	STREET EXCAVATION	1,532	CY	\$12.00	\$18,384.00	\$30.00	\$45,960.00	\$25.00	\$38,300.00	\$32.18	\$49,292.10	\$28.00	\$42,896.00	\$37.00	\$56,684.00
5	132	EMBANKMENT	10	CY	\$28.00	\$280.00	\$20.00	\$200.00	\$50.00	\$500.00	\$291.71	\$2,917.11	\$50.00	\$500.00	\$25.00	\$250.00
6	201	MOISTURE CONDITIONED SUB-GRADE	2,387	SY	\$4.00	\$9,548.00	\$3.00	\$7,161.00	\$7.00	\$16,709.00	\$3.67	\$8,750.74	\$3.00	\$7,161.00	\$15.00	\$35,805.00
7	210	FLEXIBLE BASE	664	CY	\$65.00	\$43,160.00	\$70.00	\$46,480.00	\$50.00	\$33,200.00	\$53.84	\$35,747.77	\$46.00	\$30,544.00	\$70.00	\$46,480.00
8	306	PRIME COATS	540	GAL	\$3.00	\$1,620.00	\$5.00	\$2,700.00	\$5.00	\$2,700.00	\$5.75	\$3,105.00	\$5.00	\$2,700.00	\$5.00	\$2,700.00
9	340	HOT MIX ASPHALTIC CONCRETE PAVEMENT	297	TON	\$100.00	\$29,700.00	\$105.00	\$31,185.00	\$120.00	\$35,640.00	\$132.25	\$39,278.25	\$100.00	\$29,700.00	\$115.00	\$34,155.00
10	430	P.C. CONCRETE CURB & GUTTER	58	LF	\$20.00	\$1,160.00	\$30.00	\$1,740.00	\$30.00	\$1,740.00	\$67.91	\$3,938.72	\$20.00	\$1,160.00	\$12.00	\$696.00
11	430	P.C. RIBBON CURB	1,502	LF	\$16.00	\$24,032.00	\$20.00	\$30,040.00	\$15.00	\$22,530.00	\$5.94	\$8,923.38	\$14.00	\$21,028.00	\$12.00	\$18,024.00
12	432	P.C. CONCRETE SIDEWALKS	7	SY	\$49.00	\$343.00	\$170.00	\$1,190.00	\$100.00	\$700.00	\$520.79	\$3,645.50	\$100.00	\$700.00	\$60.00	\$420.00
13	433	P.C. CONCRETE DRIVEWAY	398	SY	\$70.00	\$27,860.00	\$72.00	\$28,656.00	\$76.00	\$30,248.00	\$25.12	\$9,999.35	\$78.00	\$31,044.00	\$75.00	\$29,850.00
14	506	NEW MANHOLE CONSTRUCTION, 4FT DIA.	3	EA	\$6,700.00	\$20,100.00	\$4,500.00	\$13,500.00	\$5,600.00	\$16,800.00	\$10,650.22	\$31,950.67	\$7,000.00	\$21,000.00	\$5,000.00	\$15,000.00
15	506	MAJOR MANHOLE ADJUSTMENT, 4 FT DIA.	1	EA	\$4,800.00	\$4,800.00	\$600.00	\$600.00	\$2,500.00	\$2,500.00	\$6,203.27	\$6,203.27	\$13,100.00	\$13,100.00	\$2,500.00	\$2,500.00
16	509	TRENCH SAFETY SYSTEMS (ALL DEPTHS)	1,479	LF	\$2.65	\$3,919.35	\$1.00	\$1,479.00	\$1.00	\$1,479.00	\$2.00	\$2,958.00	\$2.00	\$2,958.00	\$2.00	\$2,958.00
17	510	PIPE, 6" DIA. PVC, ASTM 3034 SDR-26 (ALL DEPTHS) INC. EXCAV.& BACKFILL (WW)	15	LF	\$50.00	\$750.00	\$70.00	\$1,050.00	\$105.00	\$1,575.00	\$208.59	\$3,128.87	\$70.00	\$1,050.00	\$70.00	\$1,050.00
18	510	PIPE, 6" DIA. CLASS 350 D.I.P. (ALL DEPTHS) INC. EXCAV.& BACKFILL (WATER)	10	LF	\$55.00	\$550.00	\$80.00	\$800.00	\$138.00	\$1,380.00	\$338.54	\$3,385.38	\$100.00	\$1,000.00	\$60.00	\$600.00
19	510	PIPE, 8" DIA. PVC, ASTM 3034 SDR-26 (ALL DEPTHS) INC. EXCAV.& BACKFILL (WW)	1,006	LF	\$57.00	\$57,342.00	\$75.00	\$75,450.00	\$60.00	\$60,360.00	\$76.57	\$77,028.41	\$70.00	\$70,420.00	\$80.00	\$80,480.00
20	510	PIPE, 8" DIA. PVC, AWWA C-900 DR-14 (ALL DEPTHS) INC. EXCAV.& BACKFILL (WATER)	448	LF	\$48.00	\$21,504.00	\$60.00	\$26,880.00	\$50.00	\$22,400.00	\$57.81	\$25,896.64	\$50.00	\$22,400.00	\$60.00	\$26,880.00
21	510	INSTALL LATERAL SERVICE TO REPLACED PIPE (1" DIA. SINGLE SERVICE) (8" DIA. PVC PIPE)	2	EA	\$3,500.00	\$7,000.00	\$1,300.00	\$2,600.00	\$1,600.00	\$3,200.00	\$4,923.19	\$9,846.38	\$3,300.00	\$6,600.00	\$1,300.00	\$2,600.00
22	510	INSTALL LATERAL SERVICE TO REPLACED PIPE (1.5" DIA. DUAL SERVICE) (8" DIA. PVC PIPE)	2	EA	\$3,800.00	\$7,600.00	\$1,400.00	\$2,800.00	\$1,800.00	\$3,600.00	\$5,097.43	\$10,194.86	\$2,500.00	\$5,000.00	\$1,500.00	\$3,000.00
23	510	INSTALL LATERAL SERVICE TO REPLACED PIPE (6" DIA. SINGLE SERVICE) (8" DIA. PVC PIPE) (WW)	7	EA	\$2,800.00	\$19,600.00	\$1,100.00	\$7,700.00	\$2,000.00	\$14,000.00	\$3,285.30	\$22,997.07	\$1,900.00	\$13,300.00	\$1,500.00	\$10,500.00
24	510	PRESSURE TAP, FULL BODIED SS SLEEVE (8"x8") INC. 8 GATE VALVE	1	EA	\$4,700.00	\$4,700.00	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00	\$3,290.39	\$3,290.39	\$7,000.00	\$7,000.00	\$7,500.00	\$7,500.00
25	510	DUCTILE IRON FITTINGS	0.1	TON	\$14,500.00	\$1,450.00	\$10,000.00	\$100.00	\$9,000.00	\$900.00	\$40,448.30	\$4,044.83	\$9,000.00	\$900.00	\$10,000.00	\$1,000.00
26	511	VALVES, RESILIENT SEAT GATE, 6" DIA.	2	EA	\$1,800.00	\$3,600.00	\$1,600.00	\$3,200.00	\$1,400.00	\$2,800.00	\$1,019.02	\$2,038.04	\$1,500.00	\$3,000.00	\$2,500.00	\$5,000.00
27	511	FIRE HYDRANTS	2	EA	\$4,200.00	\$8,400.00	\$3,500.00	\$7,000.00	\$3,900.00	\$7,800.00	\$5,342.46	\$10,684.91	\$4,000.00	\$8,000.00	\$4,000.00	\$8,000.00
28	609	TOPSOIL (4") & SEEDBED PREP.	1,650	SY	\$1.75	\$2,887.50	\$1.00	\$1,650.00	\$6.00	\$9,900.00	\$5.53	\$9,127.80	\$3.50	\$5,775.00	\$4.00	\$6,600.00
29	609	NATIVE GRASSLAND SEEDING & PLANTING	1,650	SY	\$1.50	\$2,475.00	\$1.00	\$1,650.00	\$5.00	\$8,250.00	\$0.95	\$1,567.50	\$5.50	\$9,075.00	\$0.50	\$825.00
30 31	610 628		75 2		\$12.00 \$750.00	\$900.00	\$3.00 \$100.00	\$225.00 \$200.00	\$2.75 \$100.00	\$206.25	\$7.76 \$266.20	\$582.00 \$532.40	\$5.00	\$375.00	\$5.00 \$100.00	\$375.00 \$200.00
31 32	628	FILTER CURB INLET PROTECTION (EXIST. INLET) STABILIZED CONSTRUCTION ENTRANCE	2 1	EA EA	\$750.00 \$1,800.00	\$1,500.00 \$1,800.00	\$100.00 \$500.00	\$200.00 \$500.00	\$100.00 \$2,500.00	\$200.00 \$2,500.00	\$266.20 \$1,929.95	\$532.40 \$1,929.95	\$100.00 \$2,500.00	\$200.00 \$2,500.00	\$100.00 \$1,500.00	\$200.00 \$1,500.00
32	642	SILT FENCE FOR EROSION CONTROL	964	LF	\$1,800.00	\$1,800.00 \$2,554.60	\$3.00	\$2,892.00	\$2,500.00 \$3.00	\$2,500.00 \$2,892.00	\$1,929.95 \$2.49	\$1,929.95 \$2,404.22	\$2,500.00	\$2,500.00	\$1,500.00 \$2.50	\$1,500.00 \$2,410.00
33	700	TOTAL MOBILIZATION	1	LI	\$47,500.00	\$47,500.00	\$3.00 \$14,000.00	\$14,000.00	\$20,000.00	\$20,000.00	\$22,500.00	\$22,500.00	\$36,000.00	\$36,000.00	\$24,000.00	\$24,000.00
35	700	REMOVE & RELOCATE EXIST. 4 FT FENCE	365	LS	\$24.00	\$8,760.00	\$14,000.00 \$15.00	\$5,475.00	\$22,000.00	\$8,212.50	\$15.98	\$5,834.16	\$25.00	\$9,125.00	\$24,000.00 \$25.00	\$9,125.00
36	803	BARRICADES, SIGNS AND TRAFFIC HANDLING	5	MO	\$24.00 \$8,400.00	\$42,000.00	\$15.00	\$1,250.00	\$22.50	\$5,000.00	\$15.98	\$10,890.00	\$500.00	\$9,125.00	\$2,500.00	\$9,125.00
30	824	TRAFFIC SIGNS	3	EA	\$8,400.00 \$1,500.00	\$4,500.00	\$250.00 \$350.00	\$1,050.00	\$500.00	\$3,000.00	\$2,178.00 \$473.21	\$1,419.63	\$385.00	\$2,500.00 \$1,155.00	\$330.00	\$990.00
- 57	024	TOTAL COST OF BASE BID (CORRECTED)	<u> </u>		ψ1,500.00		ψ000.00		<del>\$300.00</del>		ψ+10.21		φ303.00		ψ000.00	
COST OF BASE BID SUBMITTED DIFFERENCE FROM ERROR						\$461,877.45		\$385,639.00 \$386,539.00 (\$900.00)		<b>\$413,826.75</b> \$413,826.75 \$0.00		\$448,889.83 \$448,890.85 (\$1.02)		<b>\$454,970.00</b> \$454,970.00 \$0.00		<b>\$486,630.00</b> \$486,630.00 \$0.00
BIDDER'S STATEMENT OF QUALIFICATION BID BOND								YES YES		YES YES		YES YES		YES YES		YES YES

City of Round Rock Lisa Rae Dr. Utility Roadway Improvements Halff Assoc. Bid Analysis November 1, 2018

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	PROTA CONSTRUCTION INC.		UNDERGROUND WATER SOLUTIONS CO.		DeNUCCI CONSTRUCTORS, LLC		THYSSEN LAUGHLIN, INC.		AARON CONCRETE CONTRACTORS, LP	
					UNIT COST	LINE ITEM SUBTOTAL	UNIT COST	LINE ITEM SUBTOTAL	UNIT COST	LINE ITEM SUBTOTAL	UNIT COST	LINE ITEM SUBTOTAL	UNIT COST	LINE ITEM SUBTOTAL
1	101	PREPARING RIGHT OF WAY	7	STA	\$532.00	\$3,724.00	\$1,600.00	\$11,200.00	\$3,500.00	\$24,500.00	\$1,420.56	\$9,943.92	\$9,000.00	\$63,000.00
2	104	REMOVE P.C. CONCRETE SIDEWALK & DRIVEWAYS	2,124	SF	\$6.00	\$12,744.00	\$1.25	\$2,655.00	\$5.00	\$10,620.00	\$10.00	\$21,240.00	\$1.50	\$3,186.00
3	104	REMOVE P.C. CONCRETE CURB	7	LF	\$34.00	\$238.00	\$60.00	\$420.00	\$20.00	\$140.00	\$1,609.71	\$11,267.97	\$24.00	\$168.00
4	110	STREET EXCAVATION	1,532	CY	\$36.00	\$55,152.00	\$35.00	\$53,620.00	\$15.00	\$22,980.00	\$10.00	\$15,320.00	\$45.00	\$68,940.00
5	132	EMBANKMENT	10	CY	\$101.00	\$1,010.00	\$258.00	\$2,580.00	\$40.00	\$400.00	\$963.20	\$9,632.00	\$165.00	\$1,650.00
6	201	MOISTURE CONDITIONED SUB-GRADE	2,387	SY	\$8.00	\$19,096.00	\$9.00	\$21,483.00	\$5.00	\$11,935.00	\$13.50	\$32,224.50	\$3.00	\$7,161.00
7	210	FLEXIBLE BASE	664	CY	\$30.00	\$19,920.00	\$42.00	\$27,888.00	\$105.00	\$69,720.00	\$13.17	\$8,744.88	\$61.00	\$40,504.00
8	306	PRIME COATS	540	GAL	\$6.00	\$3,240.00	\$10.00	\$5,400.00	\$7.00	\$3,780.00	\$7.36	\$3,974.40	\$5.00	\$2,700.00
9	340	HOT MIX ASPHALTIC CONCRETE PAVEMENT	297	TON	\$143.00	\$42,471.00	\$120.00	\$35,640.00	\$138.00	\$40,986.00	\$130.74	\$38,829.78	\$133.00	\$39,501.00
10	430	P.C. CONCRETE CURB & GUTTER	58	LF	\$43.00	\$2,494.00	\$63.00	\$3,654.00	\$22.00	\$1,276.00	\$95.00	\$5,510.00	\$38.00	\$2,204.00
11	430	P.C. RIBBON CURB	1,502	LF	\$12.00	\$18,024.00	\$15.00	\$22,530.00	\$22.00	\$33,044.00	\$28.00	\$42,056.00	\$18.00	\$27,036.00
12	432	P.C. CONCRETE SIDEWALKS	7	SY	\$189.00	\$1,323.00	\$450.00	\$3,150.00	\$100.00	\$700.00	\$120.00	\$840.00	\$200.00	\$1,400.00
13	433	P.C. CONCRETE DRIVEWAY	398	SY	\$91.00	\$36,218.00	\$70.00	\$27,860.00	\$75.00	\$29,850.00	\$117.00	\$46,566.00	\$132.00	\$52,536.00
14	506	NEW MANHOLE CONSTRUCTION, 4FT DIA.	3	EA	\$12,830.00	\$38,490.00	\$6,000.00	\$18,000.00	\$5,000.00	\$15,000.00	\$3,200.00	\$9,600.00	\$4,660.00	\$13,980.00
15	506	MAJOR MANHOLE ADJUSTMENT, 4 FT DIA.	1	EA	\$1,385.00	\$1,385.00	\$3,100.00	\$3,100.00	\$1,500.00	\$1,500.00	\$2,168.00	\$2,168.00	\$2,450.00	\$2,450.00
16	509	TRENCH SAFETY SYSTEMS (ALL DEPTHS)	1,479	LF	\$3.00	\$4,437.00	\$4.00	\$5,916.00	\$3.00	\$4,437.00	\$18.00	\$26,622.00	\$3.00	\$4,437.00
17	510	PIPE, 6" DIA. PVC, ASTM 3034 SDR-26 (ALL DEPTHS) INC. EXCAV.& BACKFILL (WW)	15	LF	\$52.00	\$780.00	\$230.00	\$3,450.00	\$65.00	\$975.00	\$386.00	\$5,790.00	\$95.00	\$1,425.00
18	510	PIPE, 6" DIA. CLASS 350 D.I.P. (ALL DEPTHS) INC. EXCAV.& BACKFILL (WATER)	10	LF	\$50.00	\$500.00	\$230.00	\$2,300.00	\$105.00	\$1,050.00	\$386.00	\$3,860.00	\$115.00	\$1,150.00
19	510	PIPE, 8" DIA. PVC, ASTM 3034 SDR-26 (ALL DEPTHS) INC. EXCAV.& BACKFILL (WW)	1,006	LF	\$77.00	\$77,462.00	\$79.00	\$79,474.00	\$55.00	\$55,330.00	\$100.00	\$100,600.00	\$103.00	\$103,618.00
20	510	PIPE, 8" DIA. PVC, AWWA C-900 DR-14 (ALL DEPTHS) INC. EXCAV.& BACKFILL (WATER)	448	LF	\$88.00	\$39,424.00	\$85.00	\$38,080.00	\$85.00	\$38,080.00	\$99.00	\$44,352.00	\$104.00	\$46,592.00
21	510	INSTALL LATERAL SERVICE TO REPLACED PIPE (1" DIA. SINGLE SERVICE) (8" DIA. PVC PIPE)	2	EA	\$887.00	\$1,774.00	\$3,200.00	\$6,400.00	\$8,000.00	\$16,000.00	\$3,500.00	\$7,000.00	\$2,700.00	\$5,400.00
22	510	INSTALL LATERAL SERVICE TO REPLACED PIPE (1.5" DIA. DUAL SERVICE) (8" DIA. PVC PIPE)	2	EA	\$1,625.00	\$3,250.00	\$3,400.00	\$6,800.00	\$9,500.00	\$19,000.00	\$3,500.00	\$7,000.00	\$3,600.00	\$7,200.00
23	510	INSTALL LATERAL SERVICE TO REPLACED PIPE (6" DIA. SINGLE SERVICE) (8" DIA. PVC PIPE) (WW)	7	EA	\$1,064.00	\$7,448.00	\$3,600.00	\$25,200.00	\$9,500.00	\$66,500.00	\$2,968.00	\$20,776.00	\$2,000.00	\$14,000.00
24	510	PRESSURE TAP, FULL BODIED SS SLEEVE (8"x8") INC. 8 GATE VALVE	1	EA	\$3,940.00	\$3,940.00	\$7,800.00	\$7,800.00	\$3,500.00	\$3,500.00	\$3,155.46	\$3,155.46	\$7,400.00	\$7,400.00
25	510	DUCTILE IRON FITTINGS	0.1	TON	\$27,310.00	\$2,731.00	\$33,200.00	\$3,320.00	\$15,000.00	\$1,500.00	\$2,000.00	\$200.00	\$60,000.00	\$6,000.00
26	511	VALVES, RESILIENT SEAT GATE, 6" DIA.	2	EA	\$942.00	\$1,884.00	\$1,100.00	\$2,200.00	\$1,800.00	\$3,600.00	\$1,560.00	\$3,120.00	\$2,100.00	\$4,200.00
27	511	FIRE HYDRANTS	2	EA	\$4,013.00	\$8,026.00	\$4,500.00	\$9,000.00	\$4,800.00	\$9,600.00	\$1,538.00	\$3,076.00	\$3,700.00	\$7,400.00
28	609	TOPSOIL (4") & SEEDBED PREP.	1,650	SY	\$3.50	\$5,775.00	\$9.00	\$14,850.00	\$8.00	\$13,200.00	\$6.57	\$10,840.50	\$7.00	\$11,550.00
29	609	NATIVE GRASSLAND SEEDING & PLANTING	1,650	SY	\$6.50	\$10,725.00	\$5.00	\$8,250.00	\$1.00	\$1,650.00	\$1.01	\$1,666.50	\$4.00	\$6,600.00
30	610	PROTECTIVE FENCING TYPE C OTHER MATERIAL	75	LF	\$6.00	\$450.00	\$17.00	\$1,275.00	\$8.00	\$600.00	\$4.80	\$360.00	\$3.00	\$225.00
31	628	FILTER CURB INLET PROTECTION (EXIST. INLET)	2	EA	\$165.00	\$330.00	\$290.00	\$580.00	\$90.00	\$180.00	\$95.00	\$190.00	\$94.00	\$188.00
32	641	STABILIZED CONSTRUCTION ENTRANCE SILT FENCE FOR EROSION CONTROL	1	EA	\$2,277.00	\$2,277.00 \$6.748.00	\$2,200.00	\$2,200.00 \$2,084.80	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00 \$2,410.00	\$2,400.00	\$2,400.00
33	642		964	LF	\$7.00	\$6,748.00	\$3.20	\$3,084.80	\$3.00	\$2,892.00	\$2.50 \$25,700,46	\$2,410.00 \$25,700,46	\$3.00	\$2,892.00
34	700		1	LS	\$39,000.00	\$39,000.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$35,709.46	\$35,709.46	\$37,000.00	\$37,000.00
35	702	REMOVE & RELOCATE EXIST. 4 FT FENCE	365 F	LF	\$34.00	\$12,410.00 \$5,285,00	\$6.00 \$2.254.00	\$2,190.00	\$10.00	\$3,650.00	\$17.95 \$1,200,00	\$6,551.75 \$6,500.00	\$32.00	\$11,680.00
36 37	803 824	BARRICADES, SIGNS AND TRAFFIC HANDLING TRAFFIC SIGNS	<u>5</u> 3	MO EA	\$1,057.00 \$605.00	\$5,285.00 \$1,815.00	\$3,354.00 \$3,600.00	\$16,770.00 \$10,800.00	\$2,000.00 \$600.00	\$10,000.00 \$1,800.00	\$1,300.00 \$450.00	\$6,500.00 \$1,350.00	\$3,000.00 \$160.00	\$15,000.00 \$480.00
57	024		3		φ005.00		φ3,000.00		φ000.00		φ430.00	•	φ100.00	
TOTAL COST OF BASE BID (CORRECTED) COST OF BASE BID SUBMITTED DIFFERENCE FROM ERROR						<b>\$492,000.00</b> 492000 \$0.00		<b>\$504,119.80</b> \$504,119.80 \$0.00		<b>\$541,175.00</b> \$541,175.00 \$0.00		<b>\$550,547.12</b> \$552,189.15 (\$1,642.03)		<b>\$623,253.00</b> \$623,253.00 \$0.00
BIDDER'S STATEMENT OF QUALIFICATION BID BOND						YES YES		YES YES		YES YES		YES YES		YES YES