



**Lockwood, Andrews
& Newnam, Inc.**
A LEO A DALY COMPANY

February 8, 2018

Mr. William (Bill) Thorpe, EIT
Project Manager
City of San Antonio – TCI Department
223 S. Cherry St.
San Antonio, TX 78203

Re: FY 18 – FY 19 Traffic Calming Construction – Contract Award Recommendation

Dear Mr. Thorpe:

On February 6, 2018 contractor bid proposals for the referenced project were opened and read aloud. Three bid proposals were submitted for this solicitation with two submissions containing errors. The bid submitted by EJ Smith Construction Company, LLC contained rounding errors, but the adjusted bid price did not impact the outcome of the contract award. The bid submitted by All In Construction, LLC did not contain updated quantities and items as provided in Addendum 1, therefore the bid submitted was substantially different than what was read aloud at the bid opening. Therefore, the bid submitted by All In Construction, LLC is deemed non-responsive.

The lowest responsive bidder for this contract is E-Z Bel Construction, LLC with a total base bid of \$1,423,791.18. E-Z Bel Construction is headquartered in San Antonio, TX and has done a significant amount of traffic calming related projects for the City of San Antonio and others in the surrounding area. E-Z Bel Construction has been awarded similar contracts of size and scope in recent years and the City of San Antonio has been pleased with their work. Due to no knowledge of poor performance which would exclude E-Z Bel Construction from being recommended for award, LAN recommends the award of this contract to E-Z Bel Construction, LLC. Below is a listing of the contractors who bid on this contract and their total base bids:

- | | |
|---------------------------------------|----------------|
| 1. E-Z Bel Construction, LLC | \$1,423,791.18 |
| 2. EJ Smith Construction Company, LLC | \$1,689,977.05 |
| 3. All In Construction, LLC*** | \$1,522,266.50 |
| ***NON-RESPONSIVE | |

Attached herewith are the following:

- 1) One (1) pdf copy of the bid tabulations
- 2) One (1) pdf copy of the summary of the low bidder's prices, which is 8.5% below the responsive contractor's bid proposal average and 4.8% below the Engineers Estimate. The bid submitted by All In Construction, LLC was removed from the Contractor Average as their bid is deemed non-responsive.



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If you have any questions, please do not hesitate to contact me at (210) 499-5082, or by email at sjaniol@lan-inc.com.

Respectfully,

A handwritten signature in blue ink that reads "Stephen Aniol, P.E.".

Stephen Aniol, P.E.
Associate, Senior Project Manager

Cc: Lilly Banda, PE
Margaret Toscano

BID TABULATION Project: FY 18 - FY 19 Traffic Calming Construction Bid Opening: Tuesday, February 6, 2018 Owner: City of San Antonio Transportation & Capital Improvements Department Engineer: Lockwood, Andrews & Newnam, Inc. 10101 Reunion Place, Suite 200, San Antonio, Texas 78216-4165 (210) 499-5082 LAN Project No.: 120-12032-007				E-Z Bel Construction, LLC 203 Recoleta San Antonio, TX 78216 210-736-6595		EJ Smith Construction Company, LLC 1621 Falcon Drive DeSoto, TX 75115 489-206-7733		All In Construction, LLC 1450 N. Flores St., 2nd floor San Antonio, TX 78212 210-401-9000		Engineer's Estimate		Contractor Average	
				LOWEST RESPONSIVE BIDDER				NON-RESPONSIVE					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	AVG UNIT PRICE	TOTAL
	BASE BID												
103.1	REMOVE CONCRETE CURB	400	LF	\$8.00	\$3,200.00	\$6.59	\$2,636.00	\$20.70	\$8,280.00	\$4.00	\$1,600.00	\$7.30	\$2,918.00
103.3	REMOVE SIDEWALKS AND DRIVEWAYS	1,000	SF	\$3.00	\$3,000.00	\$6.50	\$6,500.00	\$1.80	\$1,800.00	\$4.00	\$4,000.00	\$4.75	\$4,750.00
104.1	STREET EXCAVATION	100	CY	\$55.00	\$5,500.00	\$41.87	\$4,187.00	\$55.00	\$5,500.00	\$25.00	\$2,500.00	\$48.44	\$4,843.50
203.1	TACK COAT	50	GAL	\$14.00	\$700.00	\$20.65	\$1,032.50	\$18.00	\$900.00	\$7.00	\$350.00	\$17.33	\$866.25
205.2	HOT MIX ASPHALTIC PAVEMENT TYPE B (6 INCHES THICK)	600	SY	\$70.00	\$42,000.00	\$48.19	\$28,914.00	\$24.16	\$14,496.00	\$32.00	\$19,200.00	\$59.10	\$35,457.00
205.4	HOT MIX ASPHALTIC PAVEMENT TYPE D (2 INCHES THICK)	500	SY	\$25.00	\$12,500.00	\$28.91	\$14,455.00	\$15.00	\$7,500.00	\$12.00	\$6,000.00	\$26.96	\$13,477.50
500.1	CONCRETE CURB, CURB AND GUTTER, AND MOUNTABLE CURB	400	LF	\$32.00	\$12,800.00	\$42.13	\$16,852.00	\$22.25	\$8,900.00	\$16.00	\$6,400.00	\$37.07	\$14,826.00
502.1	CONCRETE SIDEWALKS - CONVENTIONALLY FORMED	250	SY	\$82.00	\$20,500.00	\$52.12	\$13,030.00	\$43.25	\$10,812.50	\$48.00	\$12,000.00	\$67.06	\$16,765.00
504.1	CONCRETE MEDIAN	350	SY	\$120.00	\$42,000.00	\$75.24	\$26,334.00	\$57.00	\$19,950.00	\$75.00	\$26,250.00	\$97.62	\$34,167.00
504.2	CONCRETE DIRECTIONAL ISLAND	350	SY	\$120.00	\$42,000.00	\$75.24	\$26,334.00	\$68.40	\$23,940.00	\$75.00	\$26,250.00	\$97.62	\$34,167.00
515.1	TOPSOIL	100	CY	\$45.00	\$4,500.00	\$50.64	\$5,064.00	\$35.00	\$3,500.00	\$30.00	\$3,000.00	\$47.82	\$4,782.00
516.1	BERMUDA SODDING	800	SY	\$25.00	\$20,000.00	\$11.32	\$9,056.00	\$7.00	\$5,600.00	\$6.00	\$4,800.00	\$18.16	\$14,528.00
531.3	R-1 STOP* (30")	15	EA	\$200.00	\$3,000.00	\$238.18	\$3,572.70	\$600.00	\$9,000.00	\$210.00	\$3,150.00	\$219.09	\$3,286.35
531.6	R2-1 SPEED LIMIT SIGN (GM)	10	EA	\$200.00	\$2,000.00	\$216.15	\$2,161.50	\$750.00	\$7,500.00	\$180.00	\$1,800.00	\$208.08	\$2,080.75
531.34	S1-1 ADVANCE SCHOOL CROSSING AND SCHOOL CROSSING (GM)	24	EA	\$225.00	\$5,400.00	\$271.22	\$6,509.28	\$750.00	\$18,000.00	\$300.00	\$7,200.00	\$248.11	\$5,954.64
531.35	W16-7PL DIAGONAL ARROW SIGN (GM)	10	EA	\$45.00	\$450.00	\$50.94	\$509.40	\$750.00	\$7,500.00	\$125.00	\$1,250.00	\$47.97	\$479.70
531.52	W13-1 ADVISORY SPEED SIGN (20 MPH)	16	EA	\$45.00	\$720.00	\$50.94	\$815.04	\$750.00	\$12,000.00	\$100.00	\$1,600.00	\$47.97	\$767.52
531.59	W17-3 - SA SPECIAL SIGN (HUMP AHEAD SYMBOL SIGN)	16	EA	\$200.00	\$3,200.00	\$238.18	\$3,810.88	\$750.00	\$12,000.00	\$200.00	\$3,200.00	\$219.09	\$3,505.44
531.59	W17-3 - SA SPECIAL SIGN (HUMP SYMBOL SIGN)	32	EA	\$200.00	\$6,400.00	\$238.18	\$7,621.76	\$750.00	\$24,000.00	\$200.00	\$6,400.00	\$219.09	\$7,010.88
531.61	S5-1 SCHOOL SPEED LIMIT WHEN FLASHING *** (24" X 48")	24	EA	\$100.00	\$2,400.00	\$571.35	\$13,712.40	\$750.00	\$18,000.00	\$200.00	\$4,800.00	\$335.68	\$8,056.20
531.61A	S6-1 SCHOOL SPEED LIMIT WHEN FLASHING (OH) *** (84" X 36")	4	EA	\$225.00	\$900.00	\$1,280.37	\$5,121.48	\$750.00	\$3,000.00	\$600.00	\$2,400.00	\$752.69	\$3,010.74
531.62	SW16-7P SCHOOL ZONE DIAGONAL ARROW	28	EA	\$45.00	\$1,260.00	\$49.56	\$1,387.68	\$750.00	\$21,000.00	\$135.00	\$3,780.00	\$47.28	\$1,323.84
531.62A	SW16-9P AHEAD	28	EA	\$45.00	\$1,260.00	\$49.56	\$1,387.68	\$750.00	\$21,000.00	\$135.00	\$3,780.00	\$47.28	\$1,323.84
531.65	S4-3A SCHOOL ZONE ARROWS* (24" X 18")	28	EA	\$200.00	\$5,600.00	\$210.64	\$5,897.92	\$750.00	\$21,000.00	\$150.00	\$4,200.00	\$205.32	\$5,748.96
531.66	S5-2ATP, END SCHOOL ZONE* (24" X 10")	28	EA	\$45.00	\$1,260.00	\$50.94	\$1,426.32	\$750.00	\$21,000.00	\$75.00	\$2,100.00	\$47.97	\$1,343.16
531.67	S7-1C CELL PHONE USE PROHIBITED SIGN (24" X 36")	24	EA	\$30.00	\$720.00	\$392.37	\$9,416.88	\$750.00	\$18,000.00	\$250.00	\$6,000.00	\$211.19	\$5,068.44
531.67A	S7-1T CELL PHONE USE PROHIBITED SIGN (OH) (48" X 36")	4	EA	\$100.00	\$400.00	\$867.35	\$3,469.40	\$750.00	\$3,000.00	\$450.00	\$1,800.00	\$483.68	\$1,934.70
531.97	REMOVE SIGN	75	EA	\$100.00	\$7,500.00	\$106.01	\$7,950.75	\$350.00	\$26,250.00	\$100.00	\$7,500.00	\$103.01	\$7,725.38
533-A	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (4")	2,000	LF	\$0.71	\$1,420.00	\$0.70	\$1,400.00	\$2.40	\$4,800.00	\$1.50	\$3,000.00	\$0.71	\$1,410.00
533-B	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (8")	1,000	LF	\$1.69	\$1,690.00	\$1.68	\$1,680.00	\$3.60	\$3,600.00	\$2.30	\$2,300.00	\$1.69	\$1,685.00
533-C	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (12")	500	LF	\$3.11	\$1,555.00	\$3.10	\$1,550.00	\$4.80	\$2,400.00	\$3.50	\$1,750.00	\$3.11	\$1,552.50
533-D	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (24")	2,000	LF	\$4.76	\$9,520.00	\$4.74	\$9,480.00	\$6.00	\$12,000.00	\$5.00	\$10,000.00	\$4.75	\$9,500.00
533-E	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (SYMBOL)	100	EA	\$89.93	\$8,993.00	\$89.49	\$8,949.00	\$90.00	\$9,000.00	\$75.00	\$7,500.00	\$89.71	\$8,971.00
533-F	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (WORD)	100	EA	\$103.76	\$10,376.00	\$103.26	\$10,326.00	\$120.00	\$12,000.00	\$75.00	\$7,500.00	\$103.51	\$10,351.00
533-G	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (RR-XING)	20	EA	\$398.45	\$7,969.00	\$396.50	\$7,930.00	\$480.00	\$9,600.00	\$270.00	\$5,400.00	\$397.48	\$7,949.50
535.1 (SLD)	4 INCH WIDE YELLOW LINE (SOLID)	48,700	LF	\$0.53	\$25,811.00	\$0.52	\$25,324.00	\$0.54	\$26,298.00	\$0.60	\$29,220.00	\$0.53	\$25,567.50
535.1(SKP)	4 INCH WIDE YELLOW LINE (SKIP)	7,500	LF	\$0.53	\$3,975.00	\$0.52	\$3,900.00	\$0.54	\$4,050.00	\$0.70	\$5,250.00	\$0.53	\$3,937.50
535.2 (SLD)	4 INCH WIDE WHITE LINE (SOLID)	6,000	LF	\$0.53	\$3,180.00	\$0.52	\$3,120.00	\$0.54	\$3,240.00	\$0.70	\$4,200.00	\$0.53	\$3,150.00
535.2(SKP)	4 INCH WIDE WHITE LINE (SKIP)	20,000	LF	\$0.53	\$10,600.00	\$0.52	\$10,400.00	\$0.54	\$10,800.00	\$0.80	\$16,000.00	\$0.53	\$10,500.00
535.4 (SLD)	8 INCH WIDE WHITE LINE (SOLID)	1,500	LF	\$1.15	\$1,725.00	\$1.14	\$1,710.00	\$1.20	\$1,800.00	\$1.30	\$1,950.00	\$1.15	\$1,717.50
535.5 (SLD)	12 INCH WIDE WHITE LINE (SOLID)	1,250	LF	\$3.22	\$4,025.00	\$3.21	\$4,012.50	\$4.80	\$6,000.00	\$4.10	\$5,125.00	\$3.22	\$4,018.75
535.7 (W. SLD)	24 INCH WIDE WHITE LINE (SOLID)	3,000	LF	\$6.75	\$20,250.00	\$6.72	\$20,160.00	\$6.00	\$18,000.00	\$6.60	\$19,800.00	\$6.74	\$20,205.00
535.7 (Y.SLD)	24 INCH WIDE YELLOW LINE (SOLID)	1,000	LF	\$6.75	\$6,750.00	\$6.72	\$6,720.00	\$6.00	\$6,000.00	\$7.00	\$7,000.00	\$6.74	\$6,735.00
535.8	RIGHT WHITE ARROW	80	EA	\$114.83	\$9,186.40	\$114.27	\$9,141.60	\$200.00	\$16,000.00	\$150.00	\$12,000.00	\$114.55	\$9,164.00
535.9	LEFT WHITE ARROW	80	EA	\$114.83	\$9,186.40	\$114.27	\$9,141.60	\$200.00	\$16,000.00	\$150.00	\$12,000.00	\$114.55	\$9,164.00
535.1	COMBINATION THRU/RIGHT WHITE ARROW	20	EA	\$242.11	\$4,842.20	\$240.93	\$4,818.60	\$200.00	\$4,000.00	\$200.00	\$4,000.00	\$241.52	\$4,830.40
535.11	COMBINATION THRU/LEFT WHITE ARROW	20	EA	\$242.11	\$4,842.20	\$240.93	\$4,818.60	\$200.00	\$4,000.00	\$200.00	\$4,000.00	\$241.52	\$4,830.40
535.12	WORD "ONLY"	150	EA	\$134.20	\$20,130.00	\$133.54	\$20,031.00	\$200.00	\$30,000.00	\$150.00	\$22,500.00	\$133.87	\$20,080.50
535.13	STRAIGHT WHITE ARROW	40	EA	\$114.83	\$4,593.20	\$114.27	\$4,570.80	\$500.00	\$20,000.00	\$115.00	\$4,600.00	\$114.55	\$4,582.00
535.14	RAILROAD CROSSING SYMBOL, INCLUDING TWO R'S, CROSS BUICK, & 3 TRANSVERSE BARS	16	EA	\$614.28	\$9,828.48	\$611.27	\$9,780.32	\$1,200.00	\$19,200.00	\$645.00	\$10,320.00	\$612.78	\$9,804.40
535.15	WHITE DIAMOND	20	EA	\$92.70	\$1,854.00	\$92.24	\$1,844.80	\$1,000.00	\$20,000.00	\$300.00	\$6,000.00	\$92.47	\$1,849.40
535.16	STRAIGHT WHITE ARROW BIKE FACILITY	50	EA	\$138.35	\$6,917.50	\$137.67	\$6,883.50	\$150.00	\$7,500.00	\$155.00	\$7,750.00	\$138.01	\$6,900.50
535.17	BICYCLE RIDER SYMBOL	50	EA	\$363.86	\$18,193.00	\$362.08	\$18,104.00	\$600.00	\$30,000.00	\$315.00	\$15,750.00	\$362.97	\$18,148.50
535.19	WORD "STOP"	10	EA	\$341.73	\$3,417.30	\$340.06	\$3,400.60	\$500.00	\$5,000.00	\$350.00	\$3,500.00	\$340.90	\$3,408.95
535.2	WORD "YIELD"	5	EA	\$397.07	\$1,985.35	\$395.13	\$1,975.65	\$500.00	\$2,500.00	\$400.00	\$2,000.00	\$396.10	\$1,980.50

BID TABULATION Project: FY 18 - FY 19 Traffic Calming Construction Bid Opening: Tuesday, February 6, 2018 Owner: City of San Antonio Transportation & Capital Improvements Department Engineer: Lockwood, Andrews & Newnam, Inc. 10101 Reunion Place, Suite 200, San Antonio, Texas 78216-4165 (210) 499-5082 LAN Project No.: 120-12032-007				E-Z Bel Construction, LLC 203 Recoleta San Antonio, TX 78216 210-736-6595		EJ Smith Construction Company, LLC 1621 Falcon Drive DeSoto, TX 75115 489-206-7733		All In Construction, LLC 1450 N. Flores St., 2nd floor San Antonio, TX 78212 210-401-9000		Engineer's Estimate		Contractor Average	
				LOWEST RESPONSIVE BIDDER				NON-RESPONSIVE					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	AVG UNIT PRICE	TOTAL
535.21	WORD "BUS"	15	EA	\$272.55	\$4,088.25	\$271.22	\$4,068.30	\$500.00	\$7,500.00	\$300.00	\$4,500.00	\$271.89	\$4,078.28
535.22	WORD "LANE"	15	EA	\$341.73	\$5,125.95	\$340.06	\$5,100.90	\$600.00	\$9,000.00	\$350.00	\$5,250.00	\$340.90	\$5,113.43
535.25	MERGE WHITE ARROW	25	EA	\$276.70	\$6,917.50	\$275.35	\$6,883.75	\$600.00	\$15,000.00	\$350.00	\$8,750.00	\$276.03	\$6,900.63
535.26	4 INCH WIDE BLACK LINE (CONTRAST)	5,000	LF	\$3.04	\$15,200.00	\$3.03	\$15,150.00	\$1.75	\$8,750.00	\$4.00	\$20,000.00	\$3.04	\$15,175.00
535.27	12 INCH WIDE BLACK LINE (CONTRAST)	10,000	LF	\$8.30	\$83,000.00	\$8.26	\$82,600.00	\$3.25	\$32,500.00	\$10.00	\$100,000.00	\$8.28	\$82,800.00
535.29	4 INCH PUPPY TRACKS	2,500	LF	\$0.58	\$1,450.00	\$0.58	\$1,450.00	\$0.00	\$0.00	\$3.00	\$7,500.00	\$0.58	\$1,450.00
536.1	4 INCH WIDE YELLOW LINE	2,500	LF	\$3.04	\$7,600.00	\$3.03	\$7,575.00	\$7.00	\$17,500.00	\$1.50	\$3,750.00	\$3.04	\$7,587.50
536.21	4 INCH WIDE WHITE LILNE	2,500	LF	\$3.04	\$7,600.00	\$3.03	\$7,575.00	\$7.00	\$17,500.00	\$1.50	\$3,750.00	\$3.04	\$7,587.50
536.3	8 INCH WIDE WHITE LINE	1,500	LF	\$5.67	\$8,505.00	\$5.64	\$8,460.00	\$2.00	\$3,000.00	\$3.00	\$4,500.00	\$5.66	\$8,482.50
536.4	12 INCH WIDE WHITE LINE	1,000	LF	\$8.30	\$8,300.00	\$8.26	\$8,260.00	\$5.00	\$5,000.00	\$4.00	\$4,000.00	\$8.28	\$8,280.00
536.7	24 INCH WIDE WHITE LINE	2,000	LF	\$16.41	\$32,820.00	\$16.33	\$32,660.00	\$6.50	\$13,000.00	\$8.00	\$16,000.00	\$16.37	\$32,740.00
536.8	RIGHT WHITE ARROW	20	EA	\$269.78	\$5,395.60	\$268.46	\$5,369.20	\$500.00	\$10,000.00	\$200.00	\$4,000.00	\$269.12	\$5,382.40
536.9	LEFT WHITE ARROW	20	EA	\$269.78	\$5,395.60	\$268.46	\$5,369.20	\$500.00	\$10,000.00	\$200.00	\$4,000.00	\$269.12	\$5,382.40
536.12	WORD "ONLY"	20	EA	\$379.08	\$7,581.60	\$377.23	\$7,544.60	\$500.00	\$10,000.00	\$150.00	\$3,000.00	\$378.16	\$7,563.10
536.13	STRAIGHT WHITE ARROW	20	EA	\$269.78	\$5,395.60	\$268.46	\$5,369.20	\$250.00	\$5,000.00	\$150.00	\$3,000.00	\$269.12	\$5,382.40
536.14	RAILROAD CROSSING SYMBOL, INCLUDING TWO R'S, CROSS BUICK, & 3 TRANSVERSE BARS	10	EA	\$770.61	\$7,706.10	\$766.85	\$7,668.50	\$500.00	\$5,000.00	\$800.00	\$8,000.00	\$768.73	\$7,687.30
536.3	MERGE WHITE ARROW	50	EA	\$654.40	\$32,720.00	\$651.20	\$32,560.00	\$250.00	\$12,500.00	\$300.00	\$15,000.00	\$652.80	\$32,640.00
536.31	12 INCH WIDE BLACK LINE (HIGH CONTRAST)	4,000	LF	\$13.84	\$55,360.00	\$13.77	\$55,080.00	\$6.50	\$26,000.00	\$11.00	\$44,000.00	\$13.81	\$55,220.00
536.32	BIKE BOX AND COLORED LANES (GREEN)	500	SF	\$22.14	\$11,070.00	\$22.03	\$11,015.00	\$20.00	\$10,000.00	\$5.00	\$2,500.00	\$22.09	\$11,042.50
536.33	BIKE SHARROW MARKINGS	10	EA	\$166.02	\$1,660.20	\$165.21	\$1,652.10	\$400.00	\$4,000.00	\$300.00	\$3,000.00	\$165.62	\$1,656.15
537.6	PAVEMENT MARKER (TYPE I-C)	7,500	EA	\$4.61	\$34,575.00	\$4.58	\$34,350.00	\$4.00	\$30,000.00	\$4.00	\$30,000.00	\$4.60	\$34,462.50
537.8	PAVEMENT MARKER (TYPE II-A-A)	7,500	EA	\$4.61	\$34,575.00	\$4.58	\$34,350.00	\$5.00	\$37,500.00	\$5.00	\$37,500.00	\$4.60	\$34,462.50
537.9	PAVEMENT MARKER (TYPE II C-R)	7,500	EA	\$4.61	\$34,575.00	\$4.58	\$34,350.00	\$7.00	\$52,500.00	\$4.00	\$30,000.00	\$4.60	\$34,462.50
552.1	REMOVING AND RELOCATING IRRIGATION SYSTEMS	200	LF	\$30.00	\$6,000.00	\$6.66	\$1,332.00	\$20.00	\$4,000.00	\$15.00	\$3,000.00	\$18.33	\$3,666.00
575.1	BOLT DOWN CURBING	250	LF	\$50.00	\$12,500.00	\$25.00	\$6,250.00	\$38.00	\$9,500.00	\$25.00	\$6,250.00	\$37.50	\$9,375.00
576.1	BOLT DOWN CURBING WITH DELINEATORS (REMOVAL)	250	LF	\$50.00	\$12,500.00	\$50.94	\$12,735.00	\$0.00	\$0.00	\$25.00	\$6,250.00	\$50.47	\$12,617.50
576.2	BOLT DOWN CURBING WITH DELINEATORS (INSTALL)	500	LF	\$75.00	\$37,500.00	\$78.47	\$39,235.00	\$0.00	\$0.00	\$7.00	\$3,500.00	\$76.74	\$38,367.50
620.1	ELECTRICAL CONDUCTORS (NO. 6) (BARE)	2,500	LF	\$2.00	\$5,000.00	\$3.44	\$8,600.00	\$10.00	\$25,000.00	\$1.50	\$3,750.00	\$2.72	\$6,800.00
624.3	GROUND BOXES TYPE C (162911)	10	EA	\$1,000.00	\$10,000.00	\$1,789.76	\$17,897.60	\$500.00	\$5,000.00	\$600.00	\$6,000.00	\$1,394.88	\$13,948.80
628.1	ELECTRICAL SERVICES	10	EA	\$5,000.00	\$50,000.00	\$6,746.04	\$67,460.40	\$1,000.00	\$10,000.00	\$4,500.00	\$45,000.00	\$5,873.02	\$58,730.20
628.2	REMOVE ELECTRICAL SERVICES (PER REMOVAL)	3	EA	\$900.00	\$2,700.00	\$619.53	\$1,858.59	\$1,000.00	\$3,000.00	\$650.00	\$1,950.00	\$759.77	\$2,279.30
684.1	TRAFFIC SIGNAL CABLES (TYPE A) (14 AWG) (9 COND)	2,500	LF	\$2.50	\$6,250.00	\$4.13	\$10,325.00	\$10.00	\$25,000.00	\$2.50	\$6,250.00	\$3.32	\$8,287.50
685.1	INSTALL FLASHING BEACON ASSEMBLIES	20	EA	\$2,500.00	\$50,000.00	\$13,285.56	\$265,711.20	\$500.00	\$10,000.00	\$15,000.00	\$300,000.00	\$7,892.78	\$157,855.60
685.3	REMOVE FLASHING BEACON ASSEMBLIES	3	EA	\$750.00	\$2,250.00	\$371.72	\$1,115.16	\$350.00	\$1,050.00	\$750.00	\$2,250.00	\$560.86	\$1,682.58
685.4	SOLAR-POWERED (PHOTOVOLTAIC) SCHOOL ZONE FLASHER ASSEMBLIES	4	EA	\$9,000.00	\$36,000.00	\$13,285.56	\$53,142.24	\$2,500.00	\$10,000.00	\$8,500.00	\$34,000.00	\$11,142.78	\$44,571.12
686.1	INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL) (ARM 36')	4	EA	\$7,500.00	\$30,000.00	\$8,260.45	\$33,041.80	\$500.00	\$2,000.00	\$9,000.00	\$36,000.00	\$7,880.23	\$31,520.90
687.1	PEDESTAL POLE ASSEMBLY	4	EA	\$3,000.00	\$12,000.00	\$3,717.20	\$14,868.80	\$500.00	\$2,000.00	\$2,000.00	\$8,000.00	\$3,358.60	\$13,434.40
798	PARABOLIC ASPHALT CONCRETE SPEED HUMP	240	LF	\$52.00	\$12,480.00	\$240.93	\$57,823.20	\$250.00	\$60,000.00	\$300.00	\$72,000.00	\$146.47	\$35,151.60
104 6023	REMOVING CONC (CTB)	100	LF	\$20.00	\$2,000.00	\$6.59	\$659.00	\$0.00	\$0.00	\$15.00	\$1,500.00	\$13.30	\$1,329.50
416-6004	DRILL SHAFT (36 IN)	80	LF	\$250.00	\$20,000.00	\$536.93	\$42,954.40	\$250.00	\$20,000.00	\$175.00	\$14,000.00	\$393.47	\$31,477.20
514 6013	PERM CTB (F-SHAPE) (TY 1)	100	LF	\$400.00	\$40,000.00	\$100.00	\$10,000.00	\$0.00	\$0.00	\$125.00	\$12,500.00	\$250.00	\$25,000.00
658.1	INSTALL DELINEATOR ASSEMBLY	20	EA	\$100.00	\$2,000.00	\$103.26	\$2,065.20	\$400.00	\$8,000.00	\$75.00	\$1,500.00	\$101.63	\$2,032.60
658.2	INSTALL OBJECT MARKER ASSEMBLY	20	EA	\$100.00	\$2,000.00	\$103.26	\$2,065.20	\$400.00	\$8,000.00	\$300.00	\$6,000.00	\$101.63	\$2,032.60
658 6060	REMOVE DELINEATOR & OBJECT MARKER ASSEMBLY	10	EA	\$200.00	\$2,000.00	\$206.51	\$2,065.10	\$75.00	\$750.00	\$50.00	\$500.00	\$203.26	\$2,032.55
666 2142	REF PAV MRK TY II (W) 4" (BRK)	12000	LF	\$0.36	\$4,320.00	\$0.36	\$4,320.00	\$2.00	\$24,000.00	\$1.00	\$12,000.00	\$0.36	\$4,320.00
666 2145	REF PAV MRK TY II (W) 4" (SLD)	6000	LF	\$0.36	\$2,160.00	\$0.36	\$2,160.00	\$2.00	\$12,000.00	\$0.50	\$3,000.00	\$0.36	\$2,160.00
666 2153	REF PAV MRK TY II (W) 8" (SLD)	4000	LF	\$0.66	\$2,640.00	\$0.66	\$2,640.00	\$3.50	\$14,000.00	\$1.00	\$4,000.00	\$0.66	\$2,640.00
666 2155	REF PAV MRK TY II (W) 12" (SLD)	2500	LF	\$3.04	\$7,600.00	\$3.03	\$7,575.00	\$5.50	\$13,750.00	\$1.50	\$3,750.00	\$3.04	\$7,587.50
666 2157	REF PAV MRK TY II (W) 24" (SLD)	2250	LF	\$4.45	\$10,012.50	\$4.43	\$9,967.50	\$7.50	\$16,875.00	\$3.00	\$6,750.00	\$4.44	\$9,990.00
666 2160	REF PAV MRK TY II (W) (ARROW)	200	EA	\$87.16	\$17,432.00	\$86.73	\$17,346.00	\$75.00	\$15,000.00	\$60.00	\$12,000.00	\$86.95	\$17,389.00
666 2165	REF PAV MRK TY II (W) (DBL ARROW)	75	EA	\$175.71	\$13,178.25	\$174.85	\$13,113.75	\$15.00	\$1,125.00	\$120.00	\$9,000.00	\$175.28	\$13,146.00
666 2173	REF PAV MRK TY II (W) (WORD)	150	EA	\$9.68	\$1,452.00	\$9.64	\$1,446.00	\$500.00	\$75,000.00	\$65.00	\$9,750.00	\$9.66	\$1,449.00
666 2176	REF PAV MRK TY II (Y) 4" (BRK)	10000	LF	\$0.36	\$3,600.00	\$0.36	\$3,600.00	\$2.00	\$20,000.00	\$1.00	\$10,000.00	\$0.36	\$3,600.00
666 2178	REF PAV MRK TY II (Y) 4" (SLD)	15000	LF	\$0.36	\$5,400.00	\$0.36	\$5,400.00	\$2.00	\$30,000.00	\$0.50	\$7,500.00	\$0.36	\$5,400.00
666 2185	REF PAV MRK TY II (Y) 24" (SLD)	2500	LF	\$4.45	\$11,125.00	\$4.43	\$11,075.00	\$3.50	\$8,750.00	\$3.50	\$8,750.00	\$4.44	\$11,100.00
666 6221	REF PAV MRK TY II (BLACK) 4"	2000	LF	\$0.39	\$780.00	\$0.39	\$780.00	\$4.50	\$9,000.00	\$1.00	\$2,000.00	\$0.39	\$780.00
666 6222	REF PAV MRK TY II (BLACK) 12"	2000	LF	\$1.99	\$3,980.00	\$1.98	\$3,960.00	\$5.50	\$11,000.00	\$2.00	\$4,000.00	\$1.99	\$3,970.00

BID TABULATION				E-Z Bel Construction, LLC		EJ Smith Construction Company, LLC		All In Construction, LLC		Engineer's Estimate		Contractor Average	
Project: FY 18 - FY 19 Traffic Calming Construction				203 Recoleta San Antonio, TX 78216 210-736-6595		1621 Falcon Drive DeSoto, TX 75115 489-206-7733		1450 N. Flores St., 2nd floor San Antonio, TX 78212 210-401-9000					
Bid Opening: Tuesday, February 6, 2018 Owner: City of San Antonio Transportation & Capital Improvements Department Engineer: Lockwood, Andrews & Newnam, Inc. 10101 Reunion Place, Suite 200, San Antonio, Texas 78216-4165 (210) 499-5082 LAN Project No.: 120-12032-007				LOWEST RESPONSIVE BIDDER				NON-RESPONSIVE					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	AVG UNIT PRICE	TOTAL
666 6283A	REF PROF PAV MRK TY I (W) 4" (SLD) (090 MIL)	1000	LF	\$4.84	\$4,840.00	\$4.82	\$4,820.00	\$0.00	\$0.00	\$0.75	\$750.00	\$4.83	\$4,830.00
666 6283B	REF PROF PAV MRK TY I (W) 4" (BRK) (090 MIL)	2,000	LF	\$4.84	\$9,680.00	\$4.82	\$9,640.00	\$0.00	\$0.00	\$1.00	\$2,000.00	\$4.83	\$9,660.00
666 6287	REF PROF PAV MRK TY I (Y) 4" (SLD) (090 MIL)	5,000	LF	\$4.15	\$20,750.00	\$4.13	\$20,650.00	\$0.00	\$0.00	\$0.75	\$3,750.00	\$4.14	\$20,700.00
672 6007	REFL PAV MRKR TY I-C	500	EA	\$5.53	\$2,765.00	\$5.51	\$2,755.00	\$0.00	\$0.00	\$4.00	\$2,000.00	\$5.52	\$2,760.00
672 6009	REFL PAV MRKR TY II-A-A	1,500	EA	\$4.57	\$6,855.00	\$4.54	\$6,810.00	\$0.00	\$0.00	\$5.00	\$7,500.00	\$4.56	\$6,832.50
672 6010	REFL PAV MRKR TY II-C-R	750	EA	\$5.12	\$3,840.00	\$5.09	\$3,817.50	\$0.00	\$0.00	\$4.00	\$3,000.00	\$5.11	\$3,828.75
SUP 1	POLICE OFFICER	100	HR	\$140.00	\$14,000.00	\$75.72	\$7,572.00	\$80.00	\$8,000.00	\$45.00	\$4,500.00	\$107.86	\$10,786.00
SUP 2	TCI PROJECT SIGN	12	EA	\$300.00	\$3,600.00	\$268.46	\$3,221.52	\$500.00	\$6,000.00	\$300.00	\$3,600.00	\$284.23	\$3,410.76
SUP 3.1	WATER BARRIER (MODEL 2001-M)(ORANGE-32" HEIGHT)	200	LF	\$100.00	\$20,000.00	\$103.26	\$20,652.00	\$140.00	\$28,000.00	\$100.00	\$20,000.00	\$101.63	\$20,326.00
SUP 3.2	WATER BARRIER (MODEL 2001-M)(WHITE-32" HEIGHT)	200	LF	\$100.00	\$20,000.00	\$103.26	\$20,652.00	\$140.00	\$28,000.00	\$100.00	\$20,000.00	\$101.63	\$20,326.00
		TOTAL BASE BID			\$1,423,791.18		\$1,689,977.05		\$1,522,266.50		\$1,495,525.00		\$1,556,884.12

BID TABULATION Project: FY 18 - FY 19 Traffic Calming Construction Bid Opening: Tuesday, February 6, 2018 Owner: City of San Antonio Transportation & Capital Improvements Department Engineer: Lockwood, Andrews & Newnam, Inc. 10101 Reunion Place, Suite 200, San Antonio, Texas 78216-4165 (210) 499-5082 LAN Project No.: 120-12032-007				E-Z Bel Construction 203 Recoleta San Antonio, TX 78216 210-736-6595		Engineer's Estimate		Unit Price Comparison	
				LOWEST RESPONSIVE BIDDER					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	DELTA	% DELTA
	BASE BID								
103.1	REMOVE CONCRETE CURB	400	LF	\$8.00	\$3,200.00	\$4.00	\$1,600.00	\$4.00	100.0%
103.3	REMOVE SIDEWALKS AND DRIVEWAYS	1,000	SF	\$3.00	\$3,000.00	\$4.00	\$4,000.00	(\$1.00)	-25.0%
104.1	STREET EXCAVATION	100	CY	\$55.00	\$5,500.00	\$25.00	\$2,500.00	\$30.00	120.0%
203.1	TACK COAT	50	GAL	\$14.00	\$700.00	\$7.00	\$350.00	\$7.00	100.0%
205.2	HOT MIX ASPHALTIC PAVEMENT TYPE B (6 INCHES THICK)	600	SY	\$70.00	\$42,000.00	\$32.00	\$19,200.00	\$38.00	118.8%
205.4	HOT MIX ASPHALTIC PAVEMENT TYPE D (2 INCHES THICK)	500	SY	\$25.00	\$12,500.00	\$12.00	\$6,000.00	\$13.00	108.3%
500.1	CONCRETE CURB, CURB AND GUTTER, AND MOUNTABLE CURB	400	LF	\$32.00	\$12,800.00	\$16.00	\$6,400.00	\$16.00	100.0%
502.1	CONCRETE SIDEWALKS - CONVENTIONALLY FORMED	250	SY	\$82.00	\$20,500.00	\$48.00	\$12,000.00	\$34.00	70.8%
504.1	CONCRETE MEDIAN	350	SY	\$120.00	\$42,000.00	\$75.00	\$26,250.00	\$45.00	60.0%
504.2	CONCRETE DIRECTIONAL ISLAND	350	SY	\$120.00	\$42,000.00	\$75.00	\$26,250.00	\$45.00	60.0%
515.1	TOPSOIL	100	CY	\$45.00	\$4,500.00	\$30.00	\$3,000.00	\$15.00	50.0%
516.1	BERMUDA SODDING	800	SY	\$25.00	\$20,000.00	\$6.00	\$4,800.00	\$19.00	316.7%
531.3	R-1 STOP* (30")	15	EA	\$200.00	\$3,000.00	\$210.00	\$3,150.00	(\$10.00)	-4.8%
531.6	R2-1 SPEED LIMIT SIGN (GM)	10	EA	\$200.00	\$2,000.00	\$180.00	\$1,800.00	\$20.00	11.1%
531.34	S1-1 ADVANCE SCHOOL CROSSING AND SCHOOL CROSSING (GM)	24	EA	\$225.00	\$5,400.00	\$300.00	\$7,200.00	(\$75.00)	-25.0%
531.35	W16-7PL DIAGONAL ARROW SIGN (GM)	10	EA	\$45.00	\$450.00	\$125.00	\$1,250.00	(\$80.00)	-64.0%
531.52	W13-1 ADVISORY SPEED SIGN (20 MPH)	16	EA	\$45.00	\$720.00	\$100.00	\$1,600.00	(\$55.00)	-55.0%
531.59	W17-3 - SA SPECIAL SIGN (HUMP AHEAD SYMBOL SIGN)	16	EA	\$200.00	\$3,200.00	\$200.00	\$3,200.00	\$0.00	0.0%
531.59	W17-3 - SA SPECIAL SIGN (HUMP SYMBOL SIGN)	32	EA	\$200.00	\$6,400.00	\$200.00	\$6,400.00	\$0.00	0.0%
531.61	S5-1 SCHOOL SPEED LIMIT WHEN FLASHING *** (24" X 48")	24	EA	\$100.00	\$2,400.00	\$200.00	\$4,800.00	(\$100.00)	-50.0%
531.61A	S6-1 SCHOOL SPEED LIMIT WHEN FLASHING (OH) *** (84" X 36")	4	EA	\$225.00	\$900.00	\$600.00	\$2,400.00	(\$375.00)	-62.5%
531.62	SW16-7P SCHOOL ZONE DIAGONAL ARROW	28	EA	\$45.00	\$1,260.00	\$135.00	\$3,780.00	(\$90.00)	-66.7%
531.62A	SW16-9P AHEAD	28	EA	\$45.00	\$1,260.00	\$135.00	\$3,780.00	(\$90.00)	-66.7%
531.65	S4-3A SCHOOL ZONE ARROWS* (24" X 18")	28	EA	\$200.00	\$5,600.00	\$150.00	\$4,200.00	\$50.00	33.3%
531.66	S5-2ATP, END SCHOOL ZONE* (24" X 10")	28	EA	\$45.00	\$1,260.00	\$75.00	\$2,100.00	(\$30.00)	-40.0%
531.67	S7-1C CELL PHONE USE PROHIBITED SIGN (24" X 36")	24	EA	\$30.00	\$720.00	\$250.00	\$6,000.00	(\$220.00)	-88.0%
531.67A	S7-1T CELL PHONE USE PROHIBITED SIGN (OH) (48" X 36")	4	EA	\$100.00	\$400.00	\$450.00	\$1,800.00	(\$350.00)	-77.8%
531.97	REMOVE SIGN	75	EA	\$100.00	\$7,500.00	\$100.00	\$7,500.00	\$0.00	0.0%
533-A	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (4")	2,000	LF	\$0.71	\$1,420.00	\$1.50	\$3,000.00	(\$0.79)	-52.7%
533-B	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (8")	1,000	LF	\$1.69	\$1,690.00	\$2.30	\$2,300.00	(\$0.61)	-26.5%
533-C	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (12")	500	LF	\$3.11	\$1,555.00	\$3.50	\$1,750.00	(\$0.39)	-11.1%
533-D	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (24")	2,000	LF	\$4.76	\$9,520.00	\$5.00	\$10,000.00	(\$0.24)	-4.8%
533-E	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (SYMBOL)	100	EA	\$89.93	\$8,993.00	\$75.00	\$7,500.00	\$14.93	19.9%
533-F	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (WORD)	100	EA	\$103.76	\$10,376.00	\$75.00	\$7,500.00	\$28.76	38.3%
533-G	ELIMINATE EXISTING PAVEMENT MARKINGS AND RAISED MARKERS (RR-XING)	20	EA	\$398.45	\$7,969.00	\$270.00	\$5,400.00	\$128.45	47.6%
535.1 (SLD)	4 INCH WIDE YELLOW LINE (SOLID)	48,700	LF	\$0.53	\$25,811.00	\$0.60	\$29,220.00	(\$0.07)	-11.7%
535.1(SKP)	4 INCH WIDE YELLOW LINE (SKIP)	7,500	LF	\$0.53	\$3,975.00	\$0.70	\$5,250.00	(\$0.17)	-24.3%
535.2 (SLD)	4 INCH WIDE WHITE LINE (SOLID)	6,000	LF	\$0.53	\$3,180.00	\$0.70	\$4,200.00	(\$0.17)	-24.3%
535.2(SKP)	4 INCH WIDE WHITE LINE (SKIP)	20,000	LF	\$0.53	\$10,600.00	\$0.80	\$16,000.00	(\$0.27)	-33.8%
535.4 (SLD)	8 INCH WIDE WHITE LINE (SOLID)	1,500	LF	\$1.15	\$1,725.00	\$1.30	\$1,950.00	(\$0.15)	-11.5%
535.5 (SLD)	12 INCH WIDE WHITE LINE (SOLID)	1,250	LF	\$3.22	\$4,025.00	\$4.10	\$5,125.00	(\$0.88)	-21.5%
535.7 (W. SLD)	24 INCH WIDE WHITE LINE (SOLID)	3,000	LF	\$6.75	\$20,250.00	\$6.60	\$19,800.00	\$0.15	2.3%
535.7 (Y. SLD)	24 INCH WIDE YELLOW LINE (SOLID)	1,000	LF	\$6.75	\$6,750.00	\$7.00	\$7,000.00	(\$0.25)	-3.6%
535.8	RIGHT WHITE ARROW	80	EA	\$114.83	\$9,186.40	\$150.00	\$12,000.00	(\$35.17)	-23.4%
535.9	LEFT WHITE ARROW	80	EA	\$114.83	\$9,186.40	\$150.00	\$12,000.00	(\$35.17)	-23.4%
535.1	COMBINATION THRU/RIGHT WHITE ARROW	20	EA	\$242.11	\$4,842.20	\$200.00	\$4,000.00	\$42.11	21.1%
535.11	COMBINATION THRU/LEFT WHITE ARROW	20	EA	\$242.11	\$4,842.20	\$200.00	\$4,000.00	\$42.11	21.1%
535.12	WORD "ONLY"	150	EA	\$134.20	\$20,130.00	\$150.00	\$22,500.00	(\$15.80)	-10.5%
535.13	STRAIGHT WHITE ARROW	40	EA	\$114.83	\$4,593.20	\$115.00	\$4,600.00	(\$0.17)	-0.1%
535.14	RAILROAD CROSSING SYMBOL, INCLUDING TWO R'S, CROSS BUICK, & 3 TRANSVERSE BARS	16	EA	\$614.28	\$9,828.48	\$645.00	\$10,320.00	(\$30.72)	-4.8%
535.15	WHITE DIAMOND	20	EA	\$92.70	\$1,854.00	\$300.00	\$6,000.00	(\$207.30)	-69.1%
535.16	STRAIGHT WHITE ARROW BIKE FACILITY	50	EA	\$138.35	\$6,917.50	\$155.00	\$7,750.00	(\$16.65)	-10.7%
535.17	BICYCLE RIDER SYMBOL	50	EA	\$363.86	\$18,193.00	\$315.00	\$15,750.00	\$48.86	15.5%
535.19	WORD "STOP"	10	EA	\$341.73	\$3,417.30	\$350.00	\$3,500.00	(\$8.27)	-2.4%
535.2	WORD "YIELD"	5	EA	\$397.07	\$1,985.35	\$400.00	\$2,000.00	(\$2.93)	-0.7%

BID TABULATION Project: FY 18 - FY 19 Traffic Calming Construction Bid Opening: Tuesday, February 6, 2018 Owner: City of San Antonio Transportation & Capital Improvements Department Engineer: Lockwood, Andrews & Newnam, Inc. 10101 Reunion Place, Suite 200, San Antonio, Texas 78216-4165 (210) 499-5082 LAN Project No.: 120-12032-007				E-Z Bel Construction 203 Recoleta San Antonio, TX 78216 210-736-6595		Engineer's Estimate		Unit Price Comparison	
				LOWEST RESPONSIVE BIDDER					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	DELTA	% DELTA
535.21	WORD "BUS"	15	EA	\$272.55	\$4,088.25	\$300.00	\$4,500.00	(\$27.45)	-9.2%
535.22	WORD "LANE"	15	EA	\$341.73	\$5,125.95	\$350.00	\$5,250.00	(\$8.27)	-2.4%
535.25	MERGE WHITE ARROW	25	EA	\$276.70	\$6,917.50	\$350.00	\$8,750.00	(\$73.30)	-20.9%
535.26	4 INCH WIDE BLACK LINE (CONTRAST)	5,000	LF	\$3.04	\$15,200.00	\$4.00	\$20,000.00	(\$0.96)	-24.0%
535.27	12 INCH WIDE BLACK LINE (CONTRAST)	10,000	LF	\$8.30	\$83,000.00	\$10.00	\$100,000.00	(\$1.70)	-17.0%
535.29	4 INCH PUPPY TRACKS	2,500	LF	\$0.58	\$1,450.00	\$3.00	\$7,500.00	(\$2.42)	-80.7%
536.1	4 INCH WIDE YELLOW LINE	2,500	LF	\$3.04	\$7,600.00	\$1.50	\$3,750.00	\$1.54	102.7%
536.21	4 INCH WIDE WHITE LILNE	2,500	LF	\$3.04	\$7,600.00	\$1.50	\$3,750.00	\$1.54	102.7%
536.3	8 INCH WIDE WHITE LINE	1,500	LF	\$5.67	\$8,505.00	\$3.00	\$4,500.00	\$2.67	89.0%
536.4	12 INCH WIDE WHITE LINE	1,000	LF	\$8.30	\$8,300.00	\$4.00	\$4,000.00	\$4.30	107.5%
536.7	24 INCH WIDE WHITE LINE	2,000	LF	\$16.41	\$32,820.00	\$8.00	\$16,000.00	\$8.41	105.1%
536.8	RIGHT WHITE ARROW	20	EA	\$269.78	\$5,395.60	\$200.00	\$4,000.00	\$69.78	34.9%
536.9	LEFT WHITE ARROW	20	EA	\$269.78	\$5,395.60	\$200.00	\$4,000.00	\$69.78	34.9%
536.12	WORD "ONLY"	20	EA	\$379.08	\$7,581.60	\$150.00	\$3,000.00	\$229.08	152.7%
536.13	STRAIGHT WHITE ARROW	20	EA	\$269.78	\$5,395.60	\$150.00	\$3,000.00	\$119.78	79.9%
536.14	RAILROAD CROSSING SYMBOL, INCLUDING TWO R'S, CROSS BUICK, & 3 TRANSVERSE BARS	10	EA	\$770.61	\$7,706.10	\$800.00	\$8,000.00	(\$29.39)	-3.7%
536.3	MERGE WHITE ARROW	50	EA	\$654.40	\$32,720.00	\$300.00	\$15,000.00	\$354.40	118.1%
536.31	12 INCH WIDE BLACK LINE (HIGH CONTRAST)	4,000	LF	\$13.84	\$55,360.00	\$11.00	\$44,000.00	\$2.84	25.8%
536.32	BIKE BOX AND COLORED LANES (GREEN)	500	SF	\$22.14	\$11,070.00	\$5.00	\$2,500.00	\$17.14	342.8%
536.33	BIKE SHARROW MARKINGS	10	EA	\$166.02	\$1,660.20	\$300.00	\$3,000.00	(\$133.98)	-44.7%
537.6	PAVEMENT MARKER (TYPE I-C)	7,500	EA	\$4.61	\$34,575.00	\$4.00	\$30,000.00	\$0.61	15.3%
537.8	PAVEMENT MARKER (TYPE II-A-A)	7,500	EA	\$4.61	\$34,575.00	\$5.00	\$37,500.00	(\$0.39)	-7.8%
537.9	PAVEMENT MARKER (TYPE II C-R)	7,500	EA	\$4.61	\$34,575.00	\$4.00	\$30,000.00	\$0.61	15.3%
552.1	REMOVING AND RELOCATING IRRIGATION SYSTEMS	200	LF	\$30.00	\$6,000.00	\$15.00	\$3,000.00	\$15.00	100.0%
575.1	BOLT DOWN CURBING	250	LF	\$50.00	\$12,500.00	\$25.00	\$6,250.00	\$25.00	100.0%
576.1	BOLT DOWN CURBING WITH DELINEATORS (INSTALL)	250	LF	\$50.00	\$12,500.00	\$25.00	\$6,250.00	\$25.00	100.0%
576.1	BOLT DOWN CURBING WITH DELINEATORS (REMOVAL)	500	LF	\$75.00	\$37,500.00	\$7.00	\$3,500.00	\$68.00	971.4%
620.1	ELECTRICAL CONDUCTORS (NO. 6) (BARE)	2,500	LF	\$2.00	\$5,000.00	\$1.50	\$3,750.00	\$0.50	33.3%
624.3	GROUND BOXES TYPE C (162911)	10	EA	\$1,000.00	\$10,000.00	\$600.00	\$6,000.00	\$400.00	66.7%
628.1	ELECTRICAL SERVICES	10	EA	\$5,000.00	\$50,000.00	\$4,500.00	\$45,000.00	\$500.00	11.1%
628.2	REMOVE ELECTRICAL SERVICES (PER REMOVAL)	3	EA	\$900.00	\$2,700.00	\$650.00	\$1,950.00	\$250.00	38.5%
684.1	TRAFFIC SIGNAL CABLES (TYPE A) (14 AWG) (9 COND)	2,500	LF	\$2.50	\$6,250.00	\$2.50	\$6,250.00	\$0.00	0.0%
685.1	INSTALL FLASHING BEACON ASSEMBLIES	20	EA	\$2,500.00	\$50,000.00	\$15,000.00	\$300,000.00	(\$12,500.00)	-83.3%
685.3	REMOVE FLASHING BEACON ASSEMBLIES	3	EA	\$750.00	\$2,250.00	\$750.00	\$2,250.00	\$0.00	0.0%
685.4	SOLAR-POWERED (PHOTOVOLTAIC) SCHOOL ZONE FLASHER ASSEMBLIES	4	EA	\$9,000.00	\$36,000.00	\$8,500.00	\$34,000.00	\$500.00	5.9%
686.1	INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL) (ARM 36')	4	EA	\$7,500.00	\$30,000.00	\$9,000.00	\$36,000.00	(\$1,500.00)	-16.7%
687.1	PEDESTAL POLE ASSEMBLY	4	EA	\$3,000.00	\$12,000.00	\$2,000.00	\$8,000.00	\$1,000.00	50.0%
798	PARABOLIC ASPHALT CONCRETE SPEED HUMP	240	LF	\$52.00	\$12,480.00	\$300.00	\$72,000.00	(\$248.00)	-82.7%
104 6023	REMOVING CONC (CTB)	100	LF	\$20.00	\$2,000.00	\$15.00	\$1,500.00	\$5.00	33.3%
416-6004	DRILL SHAFT (36 IN)	80	LF	\$250.00	\$20,000.00	\$175.00	\$14,000.00	\$75.00	42.9%
514 6013	PERM CTB (F-SHAPE) (TY 1)	100	LF	\$400.00	\$40,000.00	\$125.00	\$12,500.00	\$275.00	220.0%
658.1	INSTALL DELINEATOR ASSEMBLY	20	EA	\$100.00	\$2,000.00	\$75.00	\$1,500.00	\$25.00	33.3%
658.2	INSTALL OBJECT MARKER ASSEMBLY	20	EA	\$100.00	\$2,000.00	\$300.00	\$6,000.00	(\$200.00)	-66.7%
658 6060	REMOVE DELINEATOR & OBJECT MARKER ASSEMBLY	10	EA	\$200.00	\$2,000.00	\$50.00	\$500.00	\$150.00	300.0%
666 2142	REF PAV MRK TY II (W) 4" (BRK)	12000	LF	\$0.36	\$4,320.00	\$1.00	\$12,000.00	(\$0.64)	-64.0%
666 2145	REF PAV MRK TY II (W) 4" (SLD)	6000	LF	\$0.36	\$2,160.00	\$0.50	\$3,000.00	(\$0.14)	-28.0%
666 2153	REF PAV MRK TY II (W) 8" (SLD)	4000	LF	\$0.66	\$2,640.00	\$1.00	\$4,000.00	(\$0.34)	-34.0%
666 2155	REF PAV MRK TY II (W) 12" (SLD)	2500	LF	\$3.04	\$7,600.00	\$1.50	\$3,750.00	\$1.54	102.7%
666 2157	REF PAV MRK TY II (W) 24" (SLD)	2250	LF	\$4.45	\$10,012.50	\$3.00	\$6,750.00	\$1.45	48.3%
666 2160	REF PAV MRK TY II (W) (ARROW)	200	EA	\$87.16	\$17,432.00	\$60.00	\$12,000.00	\$27.16	45.3%
666 2165	REF PAV MRK TY II (W) (DBL ARROW)	75	EA	\$175.71	\$13,178.25	\$120.00	\$9,000.00	\$55.71	46.4%
666 2173	REF PAV MRK TY II (W) (WORD)	150	EA	\$9.68	\$1,452.00	\$65.00	\$9,750.00	(\$55.32)	-85.1%
666 2176	REF PAV MRK TY II (Y) 4" (BRK)	10000	LF	\$0.36	\$3,600.00	\$1.00	\$10,000.00	(\$0.64)	-64.0%
666 2178	REF PAV MRK TY II (Y) 4" (SLD)	15000	LF	\$0.36	\$5,400.00	\$0.50	\$7,500.00	(\$0.14)	-28.0%
666 2185	REF PAV MRK TY II (Y) 24" (SLD)	2500	LF	\$4.45	\$11,125.00	\$3.50	\$8,750.00	\$0.95	27.1%
666 6221	REF PAV MRK TY II (BLACK) 4"	2000	LF	\$0.39	\$780.00	\$1.00	\$2,000.00	(\$0.61)	-61.0%
666 6222	REF PAV MRK TY II (BLACK) 12"	2000	LF	\$1.99	\$3,980.00	\$2.00	\$4,000.00	(\$0.01)	-0.5%

BID TABULATION Project: FY 18 - FY 19 Traffic Calming Construction Bid Opening: Tuesday, February 6, 2018 Owner: City of San Antonio Transportation & Capital Improvements Department Engineer: Lockwood, Andrews & Newnam, Inc. 10101 Reunion Place, Suite 200, San Antonio, Texas 78216-4165 (210) 499-5082 LAN Project No.: 120-12032-007				E-Z Bel Construction 203 Recoleta San Antonio, TX 78216 210-736-6595		Engineer's Estimate		Unit Price Comparison	
				LOWEST RESPONSIVE BIDDER					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	DELTA	% DELTA
666 6283A	REF PROF PAV MRK TY I (W) 4" (SLD) (090 MIL)	1000	LF	\$4.84	\$4,840.00	\$0.75	\$750.00	\$4.09	545.3%
666 6283B	REF PROF PAV MRK TY I (W) 4" (BRK) (090 MIL)	2,000	LF	\$4.84	\$9,680.00	\$1.00	\$2,000.00	\$3.84	384.0%
666 6287	REF PROF PAV MRK TY 1 (Y) 4" (SLD) (090 MIL)	5,000	LF	\$4.15	\$20,750.00	\$0.75	\$3,750.00	\$3.40	453.3%
672 6007	REFL PAV MRKR TY I-C	500	EA	\$5.53	\$2,765.00	\$4.00	\$2,000.00	\$1.53	38.3%
672 6009	REFL PAV MRKR TY II-A-A	1,500	EA	\$4.57	\$6,855.00	\$5.00	\$7,500.00	(\$0.43)	-8.6%
672 6010	REFL PAV MRKR TY II-C-R	750	EA	\$5.12	\$3,840.00	\$4.00	\$3,000.00	\$1.12	28.0%
SUP 1	POLICE OFFICER	100	HR	\$140.00	\$14,000.00	\$45.00	\$4,500.00	\$95.00	211.1%
SUP 2	TCI PROJECT SIGN	12	EA	\$300.00	\$3,600.00	\$300.00	\$3,600.00	\$0.00	0.0%
SUP 3.1	WATER BARRIER (MODEL 2001-M)(ORANGE-32" HEIGHT)	200	LF	\$100.00	\$20,000.00	\$100.00	\$20,000.00	\$0.00	0.0%
SUP 3.2	WATER BARRIER (MODEL 2001-M)(WHITE-32" HEIGHT)	200	LF	\$100.00	\$20,000.00	\$100.00	\$20,000.00	\$0.00	0.0%
		TOTAL BASE BID:			\$1,423,791.18		\$1,495,525.00		