



June 6, 2017

Mr. Chad Wood, P.E., PTOE
City of Pflugerville
15500 Sun Light Near Way, #B
Pflugerville, TX 78660

**Re: *Intersection Improvements at Heatherwilde Blvd. and Cheyenne Valle Dr.
and at Grand Ave Pkwy and Black Locust Dr.
Bid Award Recommendation***

Dear Mr. Wood:

Kimley-Horn and Associates, Inc. (K-H) has reviewed the bid documents submitted by Austin Traffic Signal Construction Co, Inc. (ATS) and Siemens Industry Inc. ITS (Siemens) on June 2, 2017. The bids received from the contractors appear to be complete.

While reviewing the Bid Forms, the following discrepancies were noticed in the Siemens submittal.

1. The 'Written Unit Price' and the 'Numeric Unit Price' did not match for Items 620 6009 and 686 6032. As specified in city's bid documents, the 'Written Unit Price' was assumed to govern (shown in red).
2. Typos were also noted in the 'Total' column for individual bid items (shown in red). The 'K-H Check' column indicates the correct 'Total'.
3. K-H recommends the Base Bid total for Siemens be updated to \$444,972.50.

After comparing the corrected base and alternate bid total by the contractors, ATS remains the apparent low bidder. K-H recommends that the City of Pflugerville award this project to ATS for a Base bid of \$425,466.25 OR for a Total of \$452,106.25 that includes the Add Alternate 1 for \$26,640.00.

Please contact me if you have any questions.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.

A handwritten signature in blue ink, appearing to read "Vivek Deshpande", with a horizontal line underneath.

Vivek Deshpande, P.E., PTOE

Attachments:

Bid Tabs Summary

**INTERSECTION IMPROVEMENTS AT HEATHERWILDE BLVD AND
CHEYENNE VALLEY DR AND AT GRAND AVE PKWY & BLACK LOCUST DR
CITY OF PFLUGERVILLE**

PREPARED FOR: CITY OF PFLUGERVILLE

6/6/2017

PREPARED BY: KIMLEY-HORN AND ASSOCIATES, INC.

ITEM NO.	DESCRIPTION	UNIT	TOTAL	ENGINEER'S ESTIMATE		ATS			SIEMENS		
				PRICE PER UNIT	AMOUNT	PRICE PER UNIT	K-H CHECK	AMOUNT	PRICE PER UNIT	K-H CHECK	AMOUNT
BASE BID ITEMS											
0104 6011	REMOVING CONC (MEDIANS)	SY	37	\$ 32.80	\$ 1,213.67	\$ 105.00	\$ 3,885.00	\$ 3,885.00	\$ 91.40	\$ 3,381.80	\$ 3,381.00
0104 6036	REMOVING CONC (SIDEWALK OR RAMP)	SY	97	\$ 17.41	\$ 1,688.33	\$ 105.00	\$ 10,185.00	\$ 10,185.00	\$ 73.20	\$ 7,100.40	\$ 7,100.40
0416 6031	DRILL SHAFT (TRF SIG POLE) (30 IN)	LF	46	\$ 271.67	\$ 12,496.90	\$ 290.00	\$ 13,340.00	\$ 13,340.00	\$ 267.00	\$ 12,282.00	\$ 12,282.00
0416 6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	40	\$ 284.80	\$ 11,392.19	\$ 300.00	\$ 12,000.00	\$ 12,000.00	\$ 291.40	\$ 11,656.00	\$ 11,656.00
0500 6001	MOBILIZATION	LS	1	\$ -	\$ 48,457.32	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 49,987.00	\$ 49,987.00	\$ 49,987.00
0502 6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	6	\$ 8,416.47	\$ 50,498.79	\$ 5,000.00	\$ 30,000.00	\$ 30,000.00	\$ 1,361.40	\$ 8,168.40	\$ 8,168.40
0529 6008	CONC CURB & GUTTER (TY II)	LF	69	\$ 22.31	\$ 1,539.25	\$ 80.00	\$ 5,520.00	\$ 5,520.00	\$ 36.60	\$ 2,525.40	\$ 2,525.40
0531 6001	CONC SIDEWALKS (4")	SY	36	\$ 65.04	\$ 2,341.55	\$ 135.00	\$ 4,860.00	\$ 4,860.00	\$ 103.60	\$ 3,729.60	\$ 3,729.60
0531 6004	CURB RAMPS (TY 1)	EA	3	\$ 2,080.68	\$ 6,242.05	\$ 2,600.00	\$ 7,800.00	\$ 7,800.00	\$ 2,194.60	\$ 6,583.80	\$ 6,583.80
0531 6005	CURB RAMPS (TY 2)	EA	2	\$ 2,010.80	\$ 4,021.60	\$ 2,800.00	\$ 5,600.00	\$ 5,600.00	\$ 3,169.90	\$ 6,339.80	\$ 6,339.80
0531 6009	CURB RAMPS (TY 6)	EA	1	\$ 2,277.76	\$ 2,277.76	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 2,194.60	\$ 2,194.60	\$ 2,194.69
0618 6046	CONDT (PVC) (SCH 80) (2")	LF	1,050	\$ 22.00	\$ 23,100.00	\$ 21.00	\$ 22,050.00	\$ 22,050.00	\$ 13.30	\$ 13,965.00	\$ 13,965.00
0618 6047	CONDT (PVC) (SCH 80) (2") (BORE)	LF	180	\$ 24.31	\$ 4,376.00	\$ 23.00	\$ 4,140.00	\$ 4,140.00	\$ 27.40	\$ 4,932.00	\$ 4,932.00
0618 6053	CONDT (PVC) (SCH 80) (3")	LF	1,320	\$ 27.50	\$ 36,300.00	\$ 22.00	\$ 29,040.00	\$ 29,040.00	\$ 13.30	\$ 17,556.00	\$ 17,556.00
0618 6054	CONDT (PVC) (SCH 80) (3") (BORE)	LF	360	\$ 33.47	\$ 12,050.28	\$ 24.00	\$ 8,640.00	\$ 8,640.00	\$ 42.70	\$ 15,372.00	\$ 15,372.00
0620 6007	ELEC CONDR (NO.8) BARE	LF	2,820	\$ 1.54	\$ 4,342.80	\$ 1.00	\$ 2,820.00	\$ 2,820.00	\$ 1.80	\$ 5,076.00	\$ 5,076.00
0620 6008	ELEC CONDR (NO.8) INSULATED	LF	2,590	\$ 1.54	\$ 3,988.60	\$ 1.00	\$ 2,590.00	\$ 2,590.00	\$ 1.80	\$ 4,662.00	\$ 4,662.00
0620 6009	ELEC CONDR (NO.6) BARE	LF	90	\$ 3.08	\$ 277.20	\$ 3.00	\$ 270.00	\$ 270.00	\$ 1.90	\$ 171.00	\$ 171.00
0620 6010	ELEC CONDR (NO.6) INSULATED	LF	180	\$ 4.62	\$ 831.60	\$ 4.00	\$ 720.00	\$ 720.00	\$ 1.90	\$ 342.00	\$ 341.00
0624 6010	GROUND BOX TY D (162922)W/APRON	EA	16	\$ 1,870.00	\$ 29,920.00	\$ 1,000.00	\$ 16,000.00	\$ 16,000.00	\$ 1,012.20	\$ 16,195.20	\$ 16,195.20
0628 6213	ELC SRV TY D 120/240 100(NS)AL(E)PS(U)	EA	2	\$ 5,519.45	\$ 11,038.89	\$ 5,200.00	\$ 10,400.00	\$ 10,400.00	\$ 2,352.00	\$ 4,704.00	\$ 4,662.00
0666 6042	REFL PAV MRK TY I (W)12"(SLD)(100MIL)	LF	677	\$ 3.20	\$ 2,169.32	\$ 6.00	\$ 4,062.00	\$ 4,062.00	\$ 4.30	\$ 2,911.10	\$ 2,911.10
0666 6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	220	\$ 6.09	\$ 1,340.68	\$ 9.00	\$ 1,980.00	\$ 1,980.00	\$ 8.50	\$ 1,870.00	\$ 1,870.00
0666 6054	REFL PAV MRK TY I (W)(ARROW)(100MIL)	EA	2	\$ 124.08	\$ 248.16	\$ 525.00	\$ 1,050.00	\$ 1,050.00	\$ 243.80	\$ 487.60	\$ 487.60
0680 6002	INSTALL HWY TRF SIG (ISOLATED)	EA	2	\$ 29,150.00	\$ 58,300.00	\$ 19,000.00	\$ 38,000.00	\$ 38,000.00	\$ 27,317.30	\$ 54,634.60	\$ 54,634.60
0682 6001	VEH SIG SEC (12")LED(GRN)	EA	16	\$ 298.69	\$ 4,779.10	\$ 180.00	\$ 2,880.00	\$ 2,880.00	\$ 252.00	\$ 4,032.00	\$ 4,032.00
0682 6002	VEH SIG SEC (12")LED(GRN ARW)	EA	4	\$ 318.78	\$ 1,275.12	\$ 183.00	\$ 732.00	\$ 732.00	\$ 252.00	\$ 1,008.00	\$ 1,008.00
0682 6003	VEH SIG SEC (12")LED(YEL)	EA	16	\$ 302.92	\$ 4,846.69	\$ 181.00	\$ 2,896.00	\$ 2,896.00	\$ 252.00	\$ 4,032.00	\$ 4,032.00
0682 6004	VEH SIG SEC (12")LED(YEL ARW)	EA	7	\$ 347.42	\$ 2,431.97	\$ 185.00	\$ 1,295.00	\$ 1,295.00	\$ 252.00	\$ 1,764.00	\$ 1,764.00
0682 6005	VEH SIG SEC (12")LED(RED)	EA	16	\$ 300.67	\$ 4,810.78	\$ 179.00	\$ 2,864.00	\$ 2,864.00	\$ 252.00	\$ 4,032.00	\$ 4,032.00
0682 6006	VEH SIG SEC (12")LED(RED ARW)	EA	3	\$ 351.65	\$ 1,054.94	\$ 182.00	\$ 546.00	\$ 546.00	\$ 252.00	\$ 756.00	\$ 756.00
0682 6018	PED SIG SEC (LED)(COUNTDOWN)	EA	10	\$ 681.80	\$ 6,818.02	\$ 522.00	\$ 5,220.00	\$ 5,220.00	\$ 487.80	\$ 4,878.00	\$ 4,578.00
0682 6023	BACK PLATE (12")(3 SEC)	EA	15	\$ 100.45	\$ 1,506.82	\$ 47.00	\$ 705.00	\$ 705.00	\$ 85.10	\$ 1,276.50	\$ 1,276.50
0682 6024	BACK PLATE (12")(4 SEC)	EA	3	\$ 119.20	\$ 357.60	\$ 60.00	\$ 180.00	\$ 180.00	\$ 146.50	\$ 439.50	\$ 439.50
0682 6025	BACK PLATE (12")(5 SEC)	EA	1	\$ 119.04	\$ 119.04	\$ 73.00	\$ 73.00	\$ 73.00	\$ 158.70	\$ 158.70	\$ 158.70
0684 6008	TRF SIG CBL (TY A)(12 AWG)(3 CONDR)	LF	1,340	\$ 3.40	\$ 4,554.07	\$ 1.00	\$ 1,340.00	\$ 1,340.00	\$ 10.00	\$ 13,400.00	\$ 13,400.00
0684 6030	TRF SIG CBL (TY A)(14 AWG)(4 CONDR)	LF	745	\$ 2.10	\$ 1,565.25	\$ 1.50	\$ 1,117.50	\$ 1,117.50	\$ 10.00	\$ 7,450.00	\$ 7,450.00
0684 6033	TRF SIG CBL (TY A)(14 AWG)(7 CONDR)	LF	1,487	\$ 3.08	\$ 4,579.96	\$ 2.00	\$ 2,974.00	\$ 2,974.00	\$ 10.00	\$ 14,870.00	\$ 14,870.00

0684 6046	TRF SIG CBL (TY A)(14 AWG)(20 CONDR)	LF	1,240	\$ 3.54	\$ 4,391.53	\$ 4.00	\$ 4,960.00	\$ 4,960.00	\$ 10.70	\$ 13,268.00	\$ 13,550.00
0684 6079	TRF SIG CBL (TY C)(12 AWG)(2 CONDR)	LF	1,355	\$ 3.96	\$ 5,365.80	\$ 0.65	\$ 880.75	\$ 880.75	\$ 10.00	\$ 13,550.00	\$ 13,550.00
0686 6032	INS TRF SIG PL AM(S)1 ARM(28')LUM&ILSN	EA	3	\$ 7,576.25	\$ 22,728.75	\$ 7,500.00	\$ 22,500.00	\$ 22,500.00	\$ 6,602.00	\$ 19,806.00	\$ 20,046.00
0686 6034	INS TRF SIG PL AM(S)1 ARM(32')ILSN	EA	1	\$ 5,720.00	\$ 5,720.00	\$ 7,200.00	\$ 7,200.00	\$ 7,200.00	\$ 5,891.30	\$ 5,891.30	\$ 5,891.30
0686 6043	INS TRF SIG PL AM(S)1 ARM(40')LUM	EA	1	\$ 8,194.52	\$ 8,194.52	\$ 7,300.00	\$ 7,300.00	\$ 7,300.00	\$ 7,145.30	\$ 7,145.30	\$ 7,145.30
0686 6047	INS TRF SIG PL AM(S)1 ARM(44')LUM	EA	1	\$ 8,628.35	\$ 8,628.35	\$ 7,400.00	\$ 7,400.00	\$ 7,400.00	\$ 7,228.60	\$ 7,228.60	\$ 7,228.60
0686 6051	INS TRF SIG PL AM(S)1 ARM(48')LUM	EA	1	\$ 8,532.03	\$ 8,532.03	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 8,068.30	\$ 8,068.30	\$ 8,068.30
0687 6001	PED POLE ASSEMBLY	EA	7	\$ 2,214.98	\$ 15,504.87	\$ 2,165.00	\$ 15,155.00	\$ 15,155.00	\$ 763.10	\$ 5,341.70	\$ 5,341.70
0688 6001	PED DETECT PUSH BUTTON (APS)	EA	10	\$ 870.41	\$ 8,704.09	\$ 800.00	\$ 8,000.00	\$ 8,000.00	\$ 557.40	\$ 5,574.00	\$ 5,574.00
0688 6003	PED DETECTOR CONTROLLER UNIT	EA	2	\$ 3,707.35	\$ 7,414.70	\$ 3,300.00	\$ 6,600.00	\$ 6,600.00	\$ 3,548.30	\$ 7,096.60	\$ 7,096.60
6002 6001	VIVDS PROCESSOR SYSTEM	EA	2	\$ 6,448.09	\$ 12,896.18	\$ 6,000.00	\$ 12,000.00	\$ 12,000.00	\$ 5,935.30	\$ 11,870.60	\$ 11,870.60
6002 6002	VIVDS CAMERA ASSEMBLY	EA	7	\$ 2,534.83	\$ 17,743.80	\$ 1,600.00	\$ 11,200.00	\$ 11,200.00	\$ 1,205.30	\$ 8,437.10	\$ 8,437.10
6002 6003	VIVDS SET-UP SYSTEM	EA	2	\$ 838.94	\$ 1,677.88	\$ 300.00	\$ 600.00	\$ 600.00	\$ 303.10	\$ 606.20	\$ 606.20
6002 6004	VIVDS CENTRAL CONTROL	EA	2	\$ 3,271.40	\$ 6,542.80	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00	\$ 2,717.10	\$ 5,434.20	\$ 5,434.20
6002 6005	VIVDS COMMUNICATION CABLE (COAXIAL)	LF	1,624	\$ 4.62	\$ 7,502.88	\$ 4.00	\$ 6,496.00	\$ 6,496.00	\$ 4.50	\$ 7,308.00	\$ 7,308.00
6061 6001	GPS COMMUNICATIONS UNIT	EA	2	\$ 1,100.00	\$ 2,200.00	\$ 850.00	\$ 1,700.00	\$ 1,700.00	\$ 1,156.30	\$ 2,312.60	\$ 2,312.60
6089 6001	ETHERNET CABLE AND CONNECTORS	LF	300	\$ 12.10	\$ 3,630.00	\$ 4.00	\$ 1,200.00	\$ 1,200.00	\$ 3.70	\$ 1,110.00	\$ 1,110.00
BASE BID TOTAL					\$ 516,530.50		\$ 425,466.25	\$ 425,466.25		\$ 444,972.50	\$ 444,912.60
ADD ALTERNATE BID ITEMS											
6090 0	ILSN (LED) (12S)	EA	3	\$ 3,300.00	\$ 9,900.00	\$ 3,300.00	\$ 9,900.00	\$ 9,900.00	\$ 4,220.10	\$ 12,660.30	\$ 12,660.30
6090 1	ILSN (LED) (10D)	EA	2	\$ 3,300.00	\$ 6,600.00	\$ 2,335.00	\$ 4,670.00	\$ 4,670.00	\$ 4,448.90	\$ 8,897.80	\$ 8,897.80
6058 6001	BATTERY BACK-UP SYSTEM FOR SIGNAL CABINETS	EA	2	\$ 5,500.00	\$ 11,000.00	\$ 6,035.00	\$ 12,070.00	\$ 12,070.00	\$ 7,322.20	\$ 14,644.40	\$ 14,644.60
ALTERNATE BID TOTAL					\$ 27,500.00		\$ 26,640.00	\$ 26,640.00		\$ 36,202.50	\$ 36,202.70
CONTINGENCY				15%	\$ 81,604.58						
TOTAL PROJECT COST					\$ 625,635.08		\$ 452,106.25	\$ 452,106.25		\$ 481,175.00	\$ 481,115.30