

CITY OF LA VISTA
MAYOR AND CITY COUNCIL REPORT
JANUARY 16, 2018 AGENDA

Subject:	Type:	Submitted By:
BID AWARD – 96 TH & BRENTWOOD TRAFFIC SIGNAL	◆ RESOLUTION ORDINANCE RECEIVE/FILE	JOHN KOTTMANN CITY ENGINEER

SYNOPSIS

A resolution has been prepared to award a contract to Vierregger Electric Co. of Omaha, Nebraska for furnishing and installing traffic signal equipment with related pavement and sidewalk modifications for the 96th & Brentwood Traffic Signal in an amount not to exceed \$306,470.16.

FISCAL IMPACT

The FY 17/18 biennial budget includes funding for this project.

RECOMMENDATION

Approval

BACKGROUND

On November 8, 2017, the City Council authorized taking bids for this project. Plans were prepared by Olsson & Associates. Bids were received on December 5, 2017 at 11:00 am. Only one bid was received from Vierregger Electric Co. in the amount of \$379,754.16. Several meetings were held with Olsson & Associates, Vierregger Electric Co., and City staff to discuss options to reduce costs. Those efforts resulted in a reduction of the bid to \$306,470.16. Communication with other electrical contractors that did not bid indicates that the large amount of work they already have under contract on the many metro area projects makes it unlikely to see any benefit from rebidding the project.

Vierregger Electric Co. is a qualified contractor and it is recommended that a contract be awarded to them in an amount not to exceed \$306,470.16.

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA, AWARDING A CONTRACT TO VIERREGGER ELECTRIC CO., OMAHA, NEBRASKA FOR FURNISHING AND INSTALLING TRAFFIC SIGNAL EQUIPMENT AT 96TH & BRENTWOOD DRIVE IN AN AMOUNT NOT TO EXCEED \$306,470.16.

WHEREAS, the City Council of the City of La Vista has determined that placement of a traffic signal at 96th & Brentwood Drive is necessary; and

WHEREAS, the FY17/18 Biennial Budget provides funding for the replacement; and

WHEREAS, Bids were solicited and one bid was received, and

WHEREAS Subsection (C) (9) of Section 31.23 of the La Vista Municipal Code requires that the City Administrator secures Council approval prior to authorizing any purchase over \$5,000.00.

NOW, THEREFORE, BE IT RESOLVED, that the Mayor and City Council of La Vista, Nebraska award the contract to Vierregger Electric Co., Omaha Nebraska for furnishing and installing traffic signal equipment at 96th & Brentwood Drive in an amount not to exceed \$306,470.16.

PASSED AND APPROVED THIS 16TH DAY OF JANUARY, 2018.

CITY OF LA VISTA

Douglas Kindig, Mayor

ATTEST:

Pamela A. Buethe, CMC
City Clerk



January 2, 2018

City of La Vista Public Works Department
Attn: John Kottmann, P.E.
9900 Portal Road
La Vista, NE 68128

RE: 96th & Brentwood Traffic Signal Letter of Recommendation
PWST-16-001
Olsson Associates Project No. 017-1779

On December 5, 2017, bids were publicly opened for 96th & Brentwood Traffic Signal. One (1) bid was received from Vierregger Electric for \$379,754.16 (corrected). The Engineer's Estimate for the total cost of this improvement, which was reflected in the published Notice to Contractors, is \$305,846.20.

Upon further coordination with the City of La Vista and Olsson Associates, an updated bid was provided on December 29, 2017 that reflects the following changes, per a memo from Vierregger Electric:

- Item 1 – Mobilization: \$330 reduction due to reduced bond cost.
- Item 2 – Landscaping: \$26,065 reduction due new bid from Lanoha Nurseries with no irrigation
- Item 7 – Remove Monument Sign: \$3,120 reduction due new bid from Lanoha Nurseries
- Item 8 – Relocate Monument Sign: \$17,350 reduction due new bid from Lanoha Nurseries
- Items 33-35 – Traffic Signal Poles: \$14,379 reduction due to using 1994 AASHTO pole specs
- Item 42 - Traffic Signal Controller: \$11,380 reduction due to change to a NEMA controller/cabinet
- Item 55 – Install Overhead Signs: \$660 reduction due to acquisition of signs

This represents a total reduction of \$73,284 from the original bid to \$306,470.16. This is a difference of 0.20% from the Engineer's Estimate.

Therefore, Olsson Associates recommends that Vierregger Electric, with a total bid of \$306,470.16 be awarded the contract to complete the work found in 96th & Brentwood Traffic Signal. See attached bid tab for dollar amounts of the bid received.

Sincerely,

A handwritten signature in black ink, appearing to read "Christopher Rolling".

Christopher Rolling, P.E.
Enclosures: Bid Tab

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Item No.	DESCRIPTION	QTY	UNIT	Engineer's Estimate		Vierregger Elec.		Unit Price	Extension
1	MOBILIZATION	1	LS	15,000.00	15,000.00	21,442.00	21,442.00		
2	LANDSCAPING	1	LS	13,500.00	13,500.00	11,830.00	11,830.00		
3	REMOVE PAVEMENT	328	SY	10.30	3,378.40	16.72	5,484.16		
4	REMOVE MEDIAN SURFACING	949	SF	10.30	9,774.70	1.96	1,860.04		
5	REMOVE SIDEWALK	1129	SF	6.90	7,790.10	1.31	1,478.99		
6	SAW CUT - FULL DEPTH	731	LF	4.50	3,289.50	5.28	3,859.68		
7	REMOVE MONUMENT SIGN	2	EA	1,000.00	2,000.00	2,990.00	5,980.00		
8	RELOCATE MONUMENT SIGN	1	EA	9,000.00	9,000.00	1,870.00	1,870.00		
9	CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER	8	EA	500.00	4,000.00	547.80	4,382.40		
10	REMOVE CURB INLET	1	EA	500.00	500.00	685.30	685.30		
11	REMOVE 15" TO 18" SEWER PIPE	25	LF	15.00	375.00	29.98	749.50		
12	DRILL AND GROUT TIE BARS	183	LF	8.00	1,464.00	5.68	1,039.44		
13	CONSTRUCT 6" CONCRETE PAVEMENT (TYPE L65)	451	SY	60.00	27,080.00	62.81	28,327.31		
14	CONSTRUCT 6" P.C.C. MEDIAN SURFACING	972	SF	5.00	4,860.00	8.23	7,999.56		
15	CONSTRUCT 6" IMPRINTED P.C.C. SURFACING	167	SF	5.00	835.00	12.49	2,085.83		
16	CONSTRUCT 6" P.C.C. SIDEWALK	723	SF	7.00	5,081.00	5.90	4,265.70		
17	CONSTRUCT 8" COMBINATION CURB AND GUTTER	262	LF	25.00	6,550.00	31.63	8,287.06		
18	CONSTRUCT CURB INLET - TYPE I	1	EA	3,000.00	3,000.00	3,652.00	3,652.00		
19	CONSTRUCT 18" CONCRETE COLLAR	2	EA	1,500.00	3,000.00	287.10	574.20		
20	CONSTRUCT 18" RCP - CLASS III	22	LF	60.00	1,320.00	101.37	2,230.14		
21	AGGREGATE BEDDING FOR 18" STORM SEWER PIPE	22	LF	8.00	176.00	9.03	198.66		
22	CONSTRUCT CURB RAMP	192	SF	10.75	2,084.00	18.87	3,623.04		
23	CONSTRUCT ARMOR-TILE DETECTABLE WARNING PANEL	64	SF	31.50	2,016.00	16.50	1,056.00		
24	INSTALL PERMANENT PREFORMED TAPE MARKING - TYPE 4, 5" WHITE, GROOVED	278	LF	3.50	973.00	4.24	1,178.72		
25	INSTALL PERMANENT PREFORMED TAPE MARKING - TYPE 4, 10" WHITE, GROOVED	186	LF	15.00	2,790.00	9.13	1,698.18		
26	INSTALL PERMANENT PREFORMED TAPE MARKING - TYPE 4, 12" WHITE, GROOVED	20	LF	15.00	300.00	10.95	219.00		
27	INSTALL PERMANENT PREFORMED TAPE MARKING - TYPE 4, 18" WHITE, GROOVED	161	LF	20.00	3,220.00	16.39	2,638.79		
28	INSTALL PERMANENT PREFORMED TAPE MARKING - TYPE 4, 24" WHITE, GROOVED	424	LF	25.00	10,600.00	22.00	9,328.00		
29	INSTALL PERMANENT PREFORMED TAPE MARKING SYMBOL - TYPE DIRECTIONAL ARROW, WHITE	6	EA	448.00	2,688.00	363.00	2,178.00		
30	INSTALL PERMANENT PREFORMED TAPE MARKING SYMBOL - TYPE "ONLY", WHITE	4	EA	701.00	2,804.00	330.00	1,320.00		
31	INSTALL TRAFFIC POSTS AND SIGNS	1	LS	2,000.00	2,000.00	825.00	825.00		
32	INSTALL PEDESTAL POLE, TYPE PP-4	6	EA	675.00	4,050.00	1,941.00	11,648.00		
33	INSTALL MAST ARM SIGNAL POLE, TYPE MP-45	1	EA	10,500.00	10,500.00	11,883.00	11,883.00		
34	INSTALL COMBINATION MAST ARM SIGNAL AND LIGHTING POLE, TYPE CMP-40-12-40	1	EA	9,000.00	9,000.00	10,911.00	10,911.00		
35	INSTALL COMBINATION MAST ARM SIGNAL AND LIGHTING POLE, TYPE CMP-50-12-40	2	EA	13,000.00	26,000.00	13,545.00	27,090.00		
36	INSTALL TRAFFIC SIGNAL, TYPE TS-1, W/T31 FACE, BKPLT & MA-5 MTG	6	EA	800.00	4,800.00	824.00	4,944.00		
37	INSTALL TRAFFIC SIGNAL, TYPE TS-1A, W/T31 FACE & B-4 ALT. MTG	4	EA	900.00	3,600.00	736.00	2,944.00		
38	INSTALL TRAFFIC SIGNAL, TYPE TS-1L W/T32F FACE, BKPLT & MA-5 MTG	2	EA	1,100.00	2,200.00	946.00	1,892.00		
39	INSTALL TRAFFIC SIGNAL, TYPE TS-1LFF W/T43F FACE, BKPLT & MA-5 MTG	2	EA	1,000.00	2,000.00	1,089.00	2,178.00		
40	INSTALL PEDESTRIAN SIGNAL, TYPE PS-1 W/T-23 FACE & B-4 ALT MTG	8	EA	675.00	5,400.00	649.00	5,192.00		
41	INSTALL PEDESTRIAN PUSH BUTTON	8	EA	250.00	2,000.00	269.00	2,152.00		
42	INSTALL TRAFFIC SIGNAL CONTROLLER TYPE TC-2070 (8 PHASE)	1	EA	1,500.00	1,500.00	13,015.00	13,015.00		
43	INSTALL TRAFFIC SIGNAL CONTROLLER CABINET, TYPE 332L	1	EA	13,500.00	13,500.00	2,450.00	2,450.00		
44	INSTALL PULL BOX, TYPE PB-6	4	EA	975.00	3,900.00	747.00	2,988.00		
45	INSTALL 2" PVC CONDUIT - TRENCHED	116	LF	8.50	986.00	7.90	918.40		
46	INSTALL 3" PVC CONDUIT - BORED	684	LF	20.00	13,680.00	19.92	13,625.28		
47	INSTALL SERVICE CABLE (SC)	300	LF	2.00	600.00	1.65	495.00		
48	INSTALL SERVICE ENTRANCE CABLE (SEC)	200	LF	3.20	640.00	2.30	460.00		
49	INSTALL SERVICE DISCONNECT PEDESTAL	1	EA	3,500.00	3,500.00	4,480.00	4,480.00		
50	INSTALL 16/C NO. 14 AWG TRAF. SIGNAL CABLE	476	LF	4.00	1,904.00	5.45	2,594.20		
51	INSTALL 3/C #6 STREET LIGHTING CABLE	379	LF	2.00	758.00	4.97	1,883.63		
52	INSTALL 2/C #16 AWG PEDESTRAIN PUSH BUTTON LEAD-IN CABLE	957	LF	3.00	2,871.00	1.43	1,368.51		
53	INSTALL 1/C #6 BARE COPPER GROUNDING CONDUCTOR	379	LF	1.50	568.50	1.36	515.44		
54	INSTALL 200W STREET LIGHT LUMINAIRE	3	EA	1,000.00	3,000.00	650.00	1,950.00		
55	INSTALL OVERHEAD SIGN	1	LS	2,500.00	2,500.00	4,638.00	4,638.00		
56	PROVIDE AND INSTALL RADAR VEHICLE DETECTION SYSTEM	1	LS	30,000.00	30,000.00	28,392.00	28,392.00		
57	PROVIDE TEMPORARY TRAFFIC CONTROL	1	LS	5,000.00	5,000.00	3,520.00	3,520.00		

Total Bids \$305,846.20 \$306,470.16 \$0.00

Schedule Changes?		No
Addendum No. 1:		Yes
Bid Guarantee:		Yes
Remarks:		
Engineer's Estimate & % (+/-)	\$305,846.20	\$623.96 0.20%