

CITY OF LA VISTA
MAYOR AND CITY COUNCIL REPORT
MAY 7, 2019 AGENDA

Subject:	Type:	Submitted By:
CHANGE ORDER No. 1 84 TH STREET PAVEMENT REHABILITATION	◆ RESOLUTION ORDINANCE RECEIVE/FILE	PAT DOWSE CITY ENGINEER

SYNOPSIS

A resolution has been prepared to execute Change Order No. 1 with Swain Construction for a deduct of \$85,132.50, resulting in a contract price not to exceed \$1,789,913.73 for the 84th Street Rehabilitation project.

FISCAL IMPACT

The FY19/20 Biennial Budget includes funding for this project.

RECOMMENDATION

Approval

BACKGROUND

One (1) bid for this project was received by Swain Construction in the amount of \$1,875,046.23 which was 47% above the Engineers Estimate of \$1,273,354.00. In discussions with the contractor, there were bid items such as barricading and mobilization that could be reduced due to efficiencies gained from the contractor's proposed project phasing. The phasing also lengthened the closure time of each portion of the lane, which reduced the need for the high early strength PR1-3500 concrete mix for most of the repair panels, and a less costly, more typical 47-B 3500 concrete mix could be used. Dowels and baskets were also eliminated from the panel repairs, but tie joint bars were still used at standard lengths and locations. These realized efficiencies and material changes resulted in a lower per unit cost for bid items related to the concrete panel, sidewalk, curb, median surfacing and curb ramp work.

Also, between the time the plans were completed and the time the project began, the storm sewer lines were inspected and found to be in good shape, therefore the majority of the bid items related to the removal and replacement of inlets and storm sewer pipe can also be reduced or eliminated from the project.

RESOLUTION NO. ____

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA AUTHORIZING CHANGE ORDER NO. 1 TO THE 84TH STREET PAVEMENT REHABILITATION CONTRACT WITH SWAIN CONSTRUCTION, INC., OMAHA, NEBRASKA, TO PROVIDE FOR A DEDUCTION TO THE CONTRACT PRICE IN AN AMOUNT NOT TO EXCEED \$85,132.50.

WHEREAS, the City has determined it is necessary to make a deduction in the contract price; and

WHEREAS, the FY19/20 biennial budget provides funding for this project; and

WHEREAS, the change order will decrease the contract price by \$85,132.50 to a total of \$1,789,913.73; and

NOW THEREFORE, BE IT RESOLVED, by the Mayor and City Council of the City of La Vista, Nebraska, that the Mayor is authorized to execute the necessary documents for Change Order No. 1 to the 84th Street Pavement Rehabilitation contract with Swain Construction, Inc., Omaha Nebraska, to provide for a deduction to the contract in an amount not to exceed \$85,132.50.

PASSED AND APPROVED THIS 7TH DAY OF MAY, 2019.

CITY OF LA VISTA

Douglas Kindig, Mayor

ATTEST:

Pamela A. Buethe, CMC
City Clerk

olsson



CHANGE ORDER

No. 1

Date of Issuance: April 24th, 2019

Effective Date: April 24th, 2019

Project: La Vista City Centre 84 th Street Rehabilitation	Owner: City of La Vista	Owner's Contract No.: PWST-19-004
Contract: 84 th Street Rehabilitation		Date of Contract:
Contractor: Swain Construction		Engineer's Project No.: B16-0546

The Contract Documents are modified as follows upon execution of this Change Order:

DESCRIPTION: Value Engineering Swain's original bid as per attachment #1 on newly agreed upon pricing per the attached Unit Price

Reduction sheet from Swain.

Attachments: (List documents supporting change): See attached Attachment #1

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price: <u>\$ 1,875,046.23</u>	Original Contract Times: Final Completion: <u>October 11, 2019</u> Ready for Final Payment: <u>October 26, 2019</u>
No Change from previously approved Change Orders No. <u> </u> to No. <u> </u> : <u> </u>	No Change from previously approved Change Orders No. Final Completion: <u>October 11, 2019</u> Ready for Final Payment: <u>October 26, 2019</u>
Contract Price prior to this Change Order: <u>\$1,875,046.23</u>	Contract Times prior to this Change Order: Final Completion: <u>October 11, 2019</u> Ready for Final Payment: <u>October 26, 2019</u>
Decrease Change of this Change Order: <u>\$85,132.50</u>	Changes of this Change Order:
Contract Price incorporating this Change Order: <u>\$ 1,789,913.73</u>	Contract Times with all approved Change Orders: Final Completion: <u>October 11, 2019</u> Ready for Final Payment: <u>October 26, 2019</u>

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: <u>Anthony E. Geller</u> Engineer (Authorized Signature)	By: <u>Int. D. S. D. S.</u> Contractor (Authorized Signature)	By: _____ Owner (Authorized Signature)
Title: <u>P.E.</u>	Title: <u> </u>	Title: _____
Date: <u>04-24-19</u>	Date: <u>4/25/19</u>	Date: _____

olsson


 84th Street Rehabilitation
 Change Order No. 1 Attachment #1

Project # B16-0546 Prepared By: Stacy Zablocki

Owner: City of LaVista

Contractor: Swain Construction

4/23/2019

B	C	D	E	G	H	I	
Item No.	Description	Pay Unit	Contract Qty(S) Prior to this Change Order	Qty(s) Adjustment Per This Change Order	Contract Qty(S) Per this Change Order	CONSTR Unit Price	Change Order No. 1 Costs (G*H)
BID SECTION:							
1	MOBILIZATION	LS	1.00	(0.0167)	0.98	\$ 120,381.00	\$ (2,004.34)
2	PROVIDE TEMPORARY TRAFFIC CONTROL - 84TH STREET	LS	1.00		1.00	\$ 29,116.00	\$ -
3	GRANVILLE	LS	1.00	(0.39)	0.61	\$ 7,768.00	\$ (3,006.22)
4	FURNISH FLASHING ARROW PANEL	DAY	86.00	(20.00)	66.00	\$ 98.60	\$ (1,972.00)
5	REMOVE CURB	LF	252.00		252.00	\$ 8.84	\$ -
6	CONCRETE CURB & GUTTER (2' WIDE)	LF	252.00	(252.00)	-	\$ 27.30	\$ (6,879.60)
6A	CONCRETE CURB & GUTTER (2' WIDE) (PRICE REDUCTION)	LF	-	252.00	252.00	\$ 25.32	\$ 6,380.64
7	CONCRETE CURB REPAIR	LF	402.00	(402.00)	-	\$ 37.70	\$ (15,155.40)
7A	CONCRETE CURB REPAIR (PRICE REDUCTION)	LF	-	402.00	402.00	\$ 35.72	\$ 14,359.44
8	REMOVE SIGN	EA	1.00		1.00	\$ 87.00	\$ -
9	REMOVE SIDEWALK	SF	1,901.00		1,901.00	\$ 1.24	\$ -
10	CONSTRUCT 4" PCC SIDEWALK	SF	992.00	(992.00)	-	\$ 6.19	\$ (6,140.48)
10A	CONSTRUCT 4" PCC SIDEWALK (PRICE REDUCTION)	SF	-	992.00	992.00	\$ 5.90	\$ 5,852.80
11	CONSTRUCT CONCRETE CURB RAMP	SF	909.00	(909.00)	-	\$ 12.40	\$ (11,271.60)
11A	CONSTRUCT CONCRETE CURB RAMP (PRICE REDUCTION)	SF	-	909.00	909.00	\$ 11.74	\$ 10,671.66
12	CONSTRUCT DETECTABLE WARNING PANEL	SF	104.00		104.00	\$ 17.55	\$ -
13	RECONSTRUCT MEDIAN CROSSING	SF	116.00	(116.00)	-	\$ 10.35	\$ (1,200.60)
13A	RECONSTRUCT MEDIAN CROSSING (PRICE REDUCTION)	SF	-	116.00	116.00	\$ 9.91	\$ 1,149.56
14	REPAIR MEDIAN SURFACING	SF	797.00	(797.00)	-	\$ 8.71	\$ (6,941.87)
14A	REPAIR MEDIAN SURFACING (PRICE REDUCTION)	SF	-	797.00	797.00	\$ 8.27	\$ 6,591.19
15	CONCRETE PAVEMENT REPAIR, TYPE A, FULL DEPTH	CY	84.00	(84.00)	-	\$ 650.00	\$ (54,600.00)
15A	CONCRETE PAVEMENT REPAIR, TYPE A, FULL DEPTH (PRICE REDUCTION)	CY	-	84.00	84.00	\$ 621.88	\$ 52,237.92
16	CONCRETE PAVEMENT REPAIR, TYPE B, FULL DEPTH	CY	140.00	(140.00)	-	\$ 503.00	\$ (70,420.00)
16A	CONCRETE PAVEMENT REPAIR, TYPE B, FULL DEPTH (PRICE REDUCTION)	CY	-	140.00	140.00	\$ 474.63	\$ 66,448.20
17	CONCRETE PAVEMENT REPAIR, TYPE C, FULL DEPTH	CY	209.00	(170.42)	38.58	\$ 424.00	\$ (72,258.08)
17A	CONCRETE PAVEMENT REPAIR, TYPE C, FULL DEPTH (PRICE REDUCTION)	CY	-	300.00	300.00	\$ 385.42	\$ 115,626.00
18	FOUNDATION COURSE REPLACEMENT	CY	159.00	(159.00)	-	\$ 182.00	\$ (28,938.00)
18A	FOUNDATION COURSE REPLACEMENT (PRICE REDUCTION)	CY	-	59.00	59.00	\$ 158.35	\$ 9,342.65
19	PREFORMED EXPANSION JOINT, TYPE A	LF	130.00	(130.00)	-	\$ -	\$ -
20	REPLACE INLET TOP	EA	61.00	(61.00)	-	\$ 2,866.00	\$ (174,826.00)
20A	REPLACE INLET TOP (PRICE REDUCTION)	EA	-	61.00	61.00	\$ 2,854.17	\$ 174,104.37
21	*RECONSTRUCT CURB INLET	EA	5.00	(5.00)	-	\$ 3,742.00	\$ (18,710.00)
21A	*RECONSTRUCT CURB INLET (PRICE REDUCTION)	EA	-	2.00	2.00	\$ 3,534.20	\$ 7,068.40
22	*RECONSTRUCT 15" RCP, CLASS III	LF	100.00	(75.00)	25.00	\$ 78.15	\$ (5,861.25)
23	*RECONSTRUCT 18" RCP, CLASS III	LF	500.00	(475.00)	25.00	\$ 81.20	\$ (38,570.00)
24	ADJUST MANHOLE TO GRADE	EA	8.00	(8.00)	-	\$ 741.00	\$ (5,928.00)
24A	ADJUST MANHOLE TO GRADE (PRICE REDUCTION)	EA	-	4.00	4.00	\$ 729.17	\$ 2,916.68
25	*ADJUST VALVE BOX TO GRADE	EA	5.00	(5.00)	-	\$ 663.00	\$ (3,315.00)
25A	*ADJUST VALVE BOX TO GRADE (PRICE REDUCTION)	EA	-	5.00	5.00	\$ 651.17	\$ 3,255.85
26	INSTALL PERMANENT PERFORMED TAPE MARKING - TYPE 4, 5" WHITE	LF	6,793.00		6,793.00	\$ 3.89	\$ -
27	INSTALL PERMANENT PERFORMED TAPE MARKING - TYPE 4, 5" YELLOW	LF	1,628.00		1,628.00	\$ 4.58	\$ -
28	INSTALL PERMANENT PERFORMED TAPE MARKING - TYPE 3, 12" WHITE	LF	387.00		387.00	\$ 10.75	\$ -
29	INSTALL PERMANENT PERFORMED TAPE MARKING - TYPE 3, 24" WHITE	LF	1,239.00		1,239.00	\$ 22.90	\$ -
30	INSTALL PERMANENT PERFORMED TAPE MARKING SYMBOL - TYPE DIRECTIONAL ARROW RIGHT, WHITE	EA	19.00		19.00	\$ 273.00	\$ -
31	INSTALL PERMANENT PERFORMED TAPE MARKING SYMBOL - TYPE DIRECTIONAL ARROW LEFT, WHITE	EA	26.00		26.00	\$ 273.00	\$ -
32	INSTALL TEMPORARY PAINT MARKING - WHITE	LF	5,000.00		5,000.00	\$ 0.35	\$ -
33	HYDRATED LIME/WARM MIX ASPHALT	EA	6,880.00		6,880.00	\$ 2.91	\$ -
34	ASPHALTIC CONCRETE, TYPE SLX	TON	6,880.00		6,880.00	\$ 69.55	\$ -
35	*ASPHALTIC CONCRETE FOR PATCHING, TYPE SLX	TON	125.00	(115.00)	10.00	\$ 159.00	\$ (18,285.00)
36	PERFORMANCE GRADED BINDER (58V-34)	TON	289.00		289.00	\$ 767.00	\$ -
37	TACK COAT	GAL	8,485.00		8,485.00	\$ 3.46	\$ -
38	*REMOVE ASPHALT SURFACING FROM PAVEMENT	SY	500.00	(400.00)	100.00	\$ 6.67	\$ (2,668.00)
38A	COLD MILLING, CLASS 4 - 2" DEPTH	SY	36,864.00		36,864.00	\$ 5.78	\$ -
39	CONCRETE SURFACE MILLING - 2" DEPTH	SY	7,461.00	(24.00)	7,437.00	\$ 7.81	\$ (187.44)
40	RAP INCENTIVE	EA	11,696.00		11,696.00	\$ 1.22	\$ -
41	*SEEDING TYPE TURF (EROSION CONTROL TYPE II)	AC	0.50		0.50	\$ 8,422.00	\$ -
42	INSTALL CURB INLET PROTECTION	EA	68.00		68.00	\$ 191.00	\$ -
43	RENTAL OF DUMP TRUCK, FULLY OPERATED	R	15.00	(5.00)	10.00	\$ 84.35	\$ (421.75)
44	RENTAL OF SKID LOADER, FULLY OPERATED	R	15.00	(5.00)	10.00	\$ 61.60	\$ (308.00)
45	RENTAL OF LOADER, FULLY OPERATED	R	15.00	(5.00)	10.00	\$ 102.00	\$ (510.00)
46	RENTAL OF MOTOR GRADER, FULLY OPERATED	HOU R	15.00	(5.00)	10.00	\$ 114.00	\$ (570.00)
CHANGE ORDER NO.1							
A1	Millings to City	SY	-	44,301.00	44,301.00	\$ (0.23)	\$ (10,189.23)
						TOTAL \$	(85,132.50)
						Original Contract Cost \$	1,875,046.23
						Change Order No. 1 \$	(85,132.50)
						Total Contract Costs \$	1,789,913.73

84TH STREET PAVEMENT REHABILITATION
UNIT PRICE REDUCTION - 47B-3500 vs PR1-3500 & NO DOWEL BARS OR BASKETS (TIE BARS @ 33" C-C)

Bid Item	Description	Quantity	Unit	Bid Unit Price	Bid Total Price	Unit Price Reduction	Total Price Reduction
6	CONCRETE CURB & GUTTER (2' WIDE)	252.00	LF	27.30	6,879.60	1.98	499.18
7	CONCRETE CURB REPAIR	402.00	LF	37.70	15,155.40	1.98	796.31
10	CONSTRUCT 4" PCC SIDEWALK	992.00	SF	6.19	6,140.48	0.29	288.57
11	CONSTRUCT CONCRETE CURB RAMP	909.00	SF	12.40	11,271.60	0.66	595.49
13	RECONSTRUCT MEDIAN CROSSING	116.00	SF	10.35	1,200.60	0.44	50.78
14	REPAIR MEDIAN SURFACING	797.00	SF	8.71	6,941.87	0.44	348.92
15	CONCRETE PAVEMENT REPAIR, TYPE A, FULL DEPTH **	84.00	CY	650.00	54,600.00	28.12	2,361.98
16	CONCRETE PAVEMENT REPAIR, TYPE B, FULL DEPTH **	140.00	CY	503.00	70,420.00	28.37	3,971.31
17	CONCRETE PAVEMENT REPAIR, TYPE C, FULL DEPTH **	209.00	CY	424.00	88,616.00	38.58	8,063.09
18	FOUNDATION COURSE REPLACEMENT **	159.00	CY	182.00	28,938.00	23.65	3,760.35
20	REPLACE INLET TOP	61.00	EA	2,866.00	174,826.00	11.83	721.33
21	RECONSTRUCT CURB INLET **	5.00	EA	3,742.00	18,710.00	207.80	1,039.00
24	ADJUST MANHOLE TO GRADE **	8.00	EA	741.00	5,928.00	11.83	94.60
25	ADJUST VALVE BOX TO GRADE **	5.00	EA	663.00	3,315.00	11.83	59.13
						22,650.03	