



DATE: November 16, 2021
CONSENT

AGENDA ITEM: Approve Compensating Change Order No. 2 for the 2021 Mill and Overlay Project

SUBMITTED BY: Mike Rusenovich, Project Engineer

REVIEWED BY: Kristina Handt, City Administrator
Marty Powers, Public Works Director
Jack Griffin, City Engineer

ISSUE BEFORE COUNCIL: Should the City Council approve Compensating Change Order No. 2 for the 2021 Mill and Overlay Project?

BACKGROUND: Asphalt Surface Technologies was awarded a construction contract on March 3, 2021 to complete the 2021 Mill and Overlay Project. The contractor has completed the work in accordance with the contract, plans, and specifications.

PROPOSAL DETAILS/ANALYSIS: Asphalt Surface Technologies has submitted a compensating change order to reconcile the estimated and actual quantities installed on the project. With approval of this change order the contract amount will be adjusted to reflect the actual quantities installed as a part of the project. Contract quantity increases included additional pedestrian ramp quantities for trail intersections to the city street, including concrete pedestrian ramps and concrete curb quantities. Quantity increases also included additional full depth patching and pavement quantities.

FISCAL IMPACT: \$39,666.54 increase to the final construction contract amount.

This compensating change order will increase the final construction contract amount to \$399,200.48. The original construction contract amount at the time of award was \$343,603.94.

RECOMMENDATION: Staff is recommending that the City Council approve, *as part of the Consent Agenda*, Compensating Change Order No. 2 for the 2021 Mill and Overlay Project. If removed from the consent agenda, the recommended motion for the action is as follows:

“Move to approve Compensating Change Order No. 2 for the 2021 Mill and Overlay Project, thereby increasing the contract amount by \$39,666.54”.

ATTACHMENTS:

1. Compensating Change Order No. 2.

CONTRACT CHANGE ORDER FORM

CITY OF LAKE ELMO, MINNESOTA
2021 MILL AND OVERLAY
PROJECT NO. 2021.110

FOCUS ENGINEERING, inc.

CHANGE ORDER NO. 2

DATE: November 16, 2021

TO: Asphalt Surface Technologies Corporation

This Document will become a supplement to the Contract and all provisions will apply hereto. The Contract Documents are modified as follows upon execution of this Change Order.

CHANGE ORDER DESCRIPTION / JUSTIFICATION:

Per the project Contract Documents the original contract amount and basis of award is established using the estimated quantities for each item of work listed in the bid schedule and multiplying them by the Contractor's corresponding unit bid price. The Contractor is paid for the actual final quantities installed on the project at the unit bid prices.

At the completion of the project, a compensating change order is prepared to revise the estimated quantities for each work item listed in the bid schedule to the actual quantities installed and the corresponding Contract Amount is revised accordingly.

This compensating change order reflects a net increase to the contract amount by \$39,666.54

Attachments (list documents supporting change): Itemization of Materials

ITEM	DESCRIPTION OF PAY ITEM	UNIT	QTY	UNIT PRICE	INCREASE/(DECREASE)
	**See attached itemization				

NET CONTRACT CHANGE **\$39,666.54**

Amount of Original Contract	\$	343,603.94
Sum of Additions/Deductions approved to date (CO No.1)	\$	15,930.00
Contract Amount to date	\$	359,533.94
Amount of this Change Order (ADD) (DEDUCT) (NO CHANGE)	\$	39,666.54
Revised Contract Amount	\$	399,200.48

The Contract Period for Completion will be (UNCHANGED) (~~INCREASED~~) (~~DECREASED~~) 0 days

APPROVED BY ENGINEER: FOCUS ENGINEERING



ENGINEER

11/9/2021

DATE

APPROVED BY CONTRACTOR



BY Mary L. Aschenbrenner, Vice-President

November 8, 2021

DATE

APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA

BY

BY

DATE

DATE

CHANGE ORDER NO. 2

2021 MILL AND OVERLAY
CITY OF LAKE ELMO, MINNESOTA
PROJECT NO. 2021.110

FOCUS ENGINEERING, inc.

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			TOTAL TO DATE		COMPENSATING CHANGE ORDER NO. 2	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	NET CHANGE	AMOUNT
1	MOBILIZATION	LS	1.00	\$23,000.00	\$23,000.00	1.00	\$23,000.00	0.00	\$0.00
2	TRAFFIC CONTROL	LS	1.00	\$3,000.00	\$3,000.00	1.00	\$3,000.00	0.00	\$0.00
3	BIOROLL DITCH CHECK	LF	100.00	\$3.50	\$350.00	0.00	\$0.00	-100.00	-\$350.00
4	SAWCUT PAVEMENT (ALL TYPES)	LF	306.00	\$4.00	\$1,224.00	0.00	\$0.00	-306.00	-\$1,224.00
5	MILL 1.5" OF EXIST. BITUMINOUS PAVEMENT	SY	26,390.00	\$1.00	\$26,390.00	26,700.00	\$26,700.00	310.00	\$310.00
6	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT (DRIVEWAYS)	SY	20.00	\$10.00	\$200.00	26.00	\$260.00	6.00	\$60.00
7	REMOVE AND REPLACE CONCRETE FLUME	EA	1.00	\$1,210.00	\$1,210.00	1.00	\$1,210.00	0.00	\$0.00
8	CLEAN FLARED END SECTION/ CONCRETE FLUME	EA	14.00	\$154.00	\$2,156.00	14.00	\$2,156.00	0.00	\$0.00
9	REMOVE & DISPOSE OF CONCRETE CURB (ALL TYPES)	LF	359.00	\$5.50	\$1,974.50	649.00	\$3,569.50	290.00	\$1,595.00
10	TYPE SP 9.5 BITUMINOUS WEARING COURSE (SPWEA330B)	TN	2,480.00	\$61.62	\$152,817.60	2,812.00	\$173,275.44	332.00	\$20,457.84
11	BITUMINOUS MATERIAL FOR TACK COAT	GAL	1,850.00	\$2.75	\$5,087.50	2,150.00	\$5,912.50	300.00	\$825.00
12	2360 BITUMINOUS WEAR COURSE, DRIVEWAYS	SY	20.00	\$25.00	\$500.00	26.00	\$650.00	6.00	\$150.00
13	CLASS 5 AGGREGATE SHOULDER STABILIZATION (100% CRUSHED LIMESTONE)	LF	120.00	\$12.10	\$1,452.00	100.00	\$1,210.00	-20.00	-\$242.00
14	CUT DOWN EXISTING STORM SEWER STRUCTURE	EA	2.00	\$2,548.80	\$5,097.60	2.00	\$5,097.60	0.00	\$0.00
15	ADJUST CASTING	EA	3.00	\$550.00	\$1,650.00	3.00	\$1,650.00	0.00	\$0.00
16	REMOVE AND REPLACE CASTING	EA	3.00	\$918.00	\$2,754.00	3.00	\$2,754.00	0.00	\$0.00
17	REPAIR STORM STRUCTURE INTERIOR	EA	18.00	\$696.60	\$12,538.80	18.00	\$12,538.80	0.00	\$0.00
18	ADJUST VALVEBOX	EA	3.00	\$450.00	\$1,350.00	5.00	\$2,250.00	2.00	\$900.00
19	REMOVE AND REPLACE VALVE BOX TOP SECTION	EA	1.00	\$500.00	\$500.00	1.00	\$500.00	0.00	\$0.00
20	CONCRETE CURB AND GUTTER (ALL TYPES)	LF	359.00	\$35.48	\$12,737.32	649.00	\$23,026.52	290.00	\$10,289.20
21	REMOVE AND REPLACE FES TRASH GUARD	EA	1.00	\$2,106.00	\$2,106.00	1.00	\$2,106.00	0.00	\$0.00
22	8" METAL FLARED END SECTION	EA	1.00	\$1,917.00	\$1,917.00	1.00	\$1,917.00	0.00	\$0.00
23	CLASS 3 RIP RAP WITH GEOTEXTILE FABRIC	CY	74.00	\$115.00	\$8,510.00	74.00	\$8,510.00	0.00	\$0.00
24	IMPORT AND PLACE TOPSOIL (LV)	CY	20.00	\$40.00	\$800.00	20.00	\$800.00	0.00	\$0.00
25	SEEDING, FERTILIZER, AND WOOD FIBER BLANKET	SY	200.00	\$5.00	\$1,000.00	547.00	\$2,735.00	347.00	\$1,735.00
26	4" EPOXY YELLOW STRIPING (STYLE VARIES)	LF	10,190.00	\$0.25	\$2,547.50	6,532.00	\$1,633.00	-3,658.00	-\$914.50
27	4" EPOXY WHITE STRIPING	LF	240.00	\$0.25	\$60.00	120.00	\$30.00	-120.00	-\$30.00
28	24" EPOXY WHITE STRIPING - STOP BAR	EA	2.00	\$82.50	\$165.00	2.00	\$165.00	0.00	\$0.00
29	PAVEMENT MESSAGE (GROUND IN) - TURN ARROW	EA	2.00	\$440.00	\$880.00	2.00	\$880.00	0.00	\$0.00
30	REMOVE AND REPLACE PVC INDUCTION LOOP DETECTORS	EA	4.00	\$1,089.00	\$4,356.00	0.00	\$0.00	-4.00	-\$4,356.00
BASE BID					\$278,330.82		\$307,536.36		\$29,205.54

ALTERNATE NO. 1									
1-1	REMOVE AND DISPOSE OF EXIST. BITUMINOUS PAVEMENT	SY	2,650.00	\$2.64	\$6,996.00	2,580.00	\$6,811.20	-70.00	-\$184.80
1-2	COMMON EXCAVATION (CV) (P)	CY	993.00	\$19.36	\$19,224.48	993.00	\$19,224.48	0.00	\$0.00
1-3	CONCRETE PEDESTRIAN RAMP	SF	100.00	\$27.50	\$2,750.00	112.00	\$3,080.00	12.00	\$330.00
1-4	BITUMINOUS TRAIL	SY	2,650.00	\$9.90	\$26,235.00	2,580.00	\$25,542.00	-70.00	-\$693.00
SUBTOTAL - ALTERNATE NO. 1					\$55,205.48		\$54,657.68		-\$547.80

ALTERNATE NO. 2									
2-1	REMOVE AND DISPOSE OF EXIST. BITUMINOUS PAVEMENT	SY	440.00	\$2.64	\$1,161.60	410.00	\$1,082.40	-30.00	-\$79.20
2-2	COMMON ECAVATION (CV) (P)	CY	164.00	\$19.36	\$3,175.04	164.00	\$3,175.04	0.00	\$0.00
2-3	CONCRETE PEDESTRIAN RAMP	SF	50.00	\$27.50	\$1,375.00	464.00	\$12,760.00	414.00	\$11,385.00
2-4	BITUMINOUS TRAIL	SY	440.00	\$9.90	\$4,356.00	410.00	\$4,059.00	-30.00	-\$297.00
SUBTOTAL - ALTERNATE NO. 2					\$10,067.64		\$21,076.44		\$11,008.80

TOTALS - BASE CONTRACT & ALTERNATES **\$343,603.94** **\$383,270.48** **\$39,666.54**

CHANGE ORDER NO. 1									
CO1-1	REMOVE AND PREP PATCH AREA	SF	2,124.00	\$3.10	\$6,584.40	2,124.00	\$6,584.40	0.00	\$0.00
CO1-2	PAVE 2" BITUMINOUS PATCH	SF	2,124.00	\$4.40	\$9,345.60	2,124.00	\$9,345.60	0.00	\$0.00
SUBTOTAL - CHANGE ORDER NO. 1					\$15,930.00		\$15,930.00		\$0.00

TOTALS - REVISED CONTRACT **\$359,533.94** **\$399,200.48** **\$39,666.54**