



STAFF REPORT

DATE: April 17, 2018

CONSENT

ITEM #: 13

AGENDA ITEM: 2017 Street Improvements – Approve Compensating Change Order No. 4

SUBMITTED BY: Jack Griffin, City Engineer

REVIEWED BY: Kristina Handt, City Administrator
Rob Weldon, Public Works Director
Chad Isakson, Project Engineer

ISSUE BEFORE COUNCIL: Should the City Council approve Compensating Change Order #4 for the 2017 Street Improvements?

BACKGROUND: Harddrives, Inc. was awarded a construction contract to complete the 2017 Street Improvements on May 16, 2017. The contractor has completed the work in accordance with the contract, plans, and specifications; and with approval of this change order the contract amount will be adjusted to reflect the actual quantities installed as a part of the project.

PROPOSAL DETAILS/ANALYSIS: Harddrives, Inc has submitted a compensating change order to reconcile the estimated and actual quantities installed on the project.

FISCAL IMPACT: \$59,315.15 decrease to the final construction contract amount.

This compensating change order will decrease the final construction contract amount to \$1,019,577.81. The original construction contract amount at the time of award was \$1,038,206.14.

RECOMMENDATION: Staff is recommending that the City Council approve, *as part of the consent agenda*, Compensating Change Order #4 for the 2017 Street Improvements, thereby decreasing the final contract amount by \$59,315.15. If removed from the consent agenda, the recommended motion for the action is as follows:

“Move to approve Compensating Change Order #4, for the 2017 Street Improvement, thereby decreasing the final contract amount by \$59,315.15.”

ATTACHMENTS:

1. Compensating Change Order #4.

CONTRACT CHANGE ORDER FORM

CITY OF LAKE ELMO, MINNESOTA 2017 STREET IMPROVEMENTS PROJECT NO. 2016.135	FOCUS ENGINEERING, inc.
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CHANGE ORDER NO. 4 **DATE:** March 28, 2018

TO: HARDRIVES, INC. 14475 QUIRAM DRIVE ROGERS, MN 55374

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 decrease to the contract amount by \$59,315.15.

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					(\$59,315.15)

Amount of Original Contract	\$	1,038,206.14
Sum of Additions/Deductions approved to date (CO Nos. 1-3)	\$	40,686.82
Contract Amount to date	\$	1,078,892.96
Amount of this Change Order (ADD) (DEDUCT) (NO-CHANGE)	\$	(59,315.15)
Revised Contract Amount	\$	1,019,577.81

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

<p>APPROVED BY ENGINEER: FOCUS Engineering, inc.</p> <p><u></u></p> <p>ENGINEER</p> <p><u>3/28/2018</u></p> <p>DATE</p>	<p>APPROVED BY CONTRACTOR</p> <p><u></u></p> <p>BY</p> <p><u>3/28/18</u></p> <p>DATE</p>
<p>APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA</p>	
<p>BY _____</p> <p>DATE _____</p>	<p>BY _____</p> <p>DATE _____</p>

**2017 STREET IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
PROJECT NO. 2016.135**



ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			TOTAL TO DATE		COMPENSATING CHANGE ORDER NO. 4	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	NET CHANGE	AMOUNT
DIVISION 1 - GENERAL									
1	MOBILIZATION	LS	1	\$4,226.26	\$4,226.26	1.00	\$4,226.26	0.00	\$0.00
2	TRAFFIC CONTROL	LS	1	\$1,890.12	\$1,890.12	1.00	\$1,890.12	0.00	\$0.00
3	SILT FENCE	LF	180	\$2.63	\$473.40	220.00	\$578.60	40.00	\$105.20
4	INLET PROTECTION	EA	39	\$90.00	\$3,510.00	60.00	\$5,400.00	21.00	\$1,890.00
5	CLEAR TREE	EA	11	\$231.01	\$2,541.11	15.00	\$3,465.15	4.00	\$924.04
6	GRUB TREE	EA	11	\$126.01	\$1,386.11	15.00	\$1,890.15	4.00	\$504.04
7	IMPORT AND PLACE TOPSOIL BORROW	CY	2,080	\$10.00	\$20,800.00	1,170.00	\$11,700.00	-910.00	-\$9,100.00
8	SODDING	SY	10,330	\$4.40	\$45,452.00	7,175.00	\$31,570.00	-3,155.00	-\$13,882.00
9	SEED, MULCH, & FERTILIZER	SY	2,140	\$1.95	\$4,173.00	2,851.00	\$5,559.45	711.00	\$1,386.45
10	REINSTALL PROPERTY CORNER	EA	10	\$472.53	\$4,725.30	0.00	\$0.00	-10.00	-\$4,725.30
SUBTOTAL - DIVISION 1					\$89,177.30		\$66,279.73		-\$22,897.57
DIVISION 2 - STORM SEWER IMPROVEMENTS									
1	REMOVE & DISPOSE OF EXISTING STORM SEWER (ALL SIZES AND TYPES, INCL. END SEC	LF	281	\$5.25	\$1,475.25	273.00	\$1,433.25	-8.00	-\$42.00
2	REMOVE & DISPOSE OF EXISTING STORM SEWER STRUCTURE	EA	12	\$420.02	\$5,040.24	13.00	\$5,460.26	1.00	\$420.02
3	REMOVE & DISPOSE OF ENERGY DISSIPATION STRUCTURE	EA	1	\$420.02	\$420.02	1.00	\$420.02	0.00	\$0.00
4	REMOVE CATCH BASIN CASTING	EA	13	\$159.82	\$2,077.66	13.00	\$2,077.66	0.00	\$0.00
5	R-3067 CATCH BASIN CASTING	EA	13	\$659.11	\$8,568.43	13.00	\$8,568.43	0.00	\$0.00
6	12" RCP STORM SEWER PIPE	LF	66	\$31.50	\$2,079.00	98.00	\$3,087.00	32.00	\$1,008.00
7	15" RCP STORM SEWER PIPE	LF	1,773	\$32.55	\$57,711.15	1,772.00	\$57,678.60	-1.00	-\$32.55
8	18" RCP STORM SEWER PIPE	LF	20	\$60.90	\$1,218.00	16.00	\$974.40	-4.00	-\$243.60
9	15" FLARED END SECTION	EA	5	\$945.06	\$4,725.30	4.00	\$3,780.24	-1.00	-\$945.06
10	18" FLARED END SECTION	EA	1	\$2,205.12	\$2,205.12	1.00	\$2,205.12	0.00	\$0.00
11	CATCH BASIN TYPE 404	EA	4	\$1,732.60	\$6,930.40	6.00	\$10,395.60	2.00	\$3,465.20
12	CATCH BASIN/MANHOLE TYPE 406	EA	17	\$2,058.11	\$34,987.87	18.00	\$37,045.98	1.00	\$2,058.11
13	RIP RAP INCL. GEOTEXTILE	CY	39	\$89.25	\$3,480.75	38.30	\$3,418.28	-0.70	-\$62.48
14	GRADE TO DRAIN	LF	220	\$17.85	\$3,927.00	335.00	\$5,979.75	115.00	\$2,052.75
SUBTOTAL - DIVISION 2					\$134,846.19		\$142,524.59		\$7,678.40
DIVISION 3 - STREET IMPROVEMENTS									
1	SAWCUT BITUMINOUS OR CONCRETE	LF	310	\$1.00	\$310.00	310.00	\$310.00	0.00	\$0.00
2	REMOVE & DISPOSE OF EXISTING CONCRETE CURB AND GUTTER, ALL TYPES	LF	130	\$1.65	\$214.50	161.00	\$265.65	31.00	\$51.15
3	REMOVE & DISPOSE OF EXISTING BITUMINOUS PAVEMENT (DRIVEWAY)	SY	680	\$4.12	\$2,801.60	650.00	\$2,678.00	-30.00	-\$123.60
4	REMOVE & DISPOSE OF EXISTING CONCRETE PAVEMENT (DRIVEWAY)	SY	220	\$7.49	\$1,647.80	196.00	\$1,468.04	-24.00	-\$179.76
5	RECLAIM EXISTING BITUMINOUS AND BASE MATERIALS (8" DEPTH INCL. BIT. CURB) (P)	SY	41,776	\$1.35	\$56,397.60	41,776.00	\$56,397.60	0.00	\$0.00
6	HAUL OUT EXCESS RECLAIMED MATERIAL (LV)	CY	4,062	\$9.47	\$38,467.14	3,721.00	\$35,237.87	-341.00	-\$3,229.27
7	2' AGGREGATE SHOULDERING	LF	3,174	\$1.01	\$3,205.74	3,174.00	\$3,205.74	0.00	\$0.00
8	SUBGRADE CORRECTION	CY	370	\$0.01	\$3.70	349.00	\$3.49	-21.00	-\$0.21
9	SUBGRADE PREPARATION OF RECLAIMED SURFACE (P)	RS	121	\$250.00	\$30,250.00	121.00	\$30,250.00	0.00	\$0.00
10	BITUMINOUS DRIVEWAY PAVEMENT	SY	893	\$18.00	\$16,074.00	760.00	\$13,680.00	-133.00	-\$2,394.00
11	BITUMINOUS NON-WEARING COURSE	TN	4,380	\$48.75	\$213,525.00	4,172.56	\$203,412.30	-207.44	-\$10,112.70
12	BITUMINOUS WEARING COURSE	TN	3,290	\$51.45	\$169,270.50	2,837.39	\$145,983.72	-452.61	-\$23,286.78
13	BITUMINOUS MATERIAL FOR TACK COAT	GAL	2,020	\$1.25	\$2,525.00	200.00	\$250.00	-1,820.00	-\$2,275.00
14	SAW AND SEAL STREET (40' INTERVALS)	LF	9,560	\$2.60	\$24,856.00	9,560.00	\$24,856.00	0.00	\$0.00
15	CONCRETE CURB AND GUTTER, ALL TYPES	LF	20,997	\$10.25	\$215,219.25	20,939.00	\$214,624.75	-58.00	-\$594.50
16	6" CONCRETE FLUME (ALL TYPES)	EA	3	\$523.98	\$1,571.94	3.00	\$1,571.94	0.00	\$0.00
17	6" CONCRETE DRIVEWAY PAVEMENT	SY	220	\$50.61	\$11,134.20	222.78	\$11,274.90	2.78	\$140.70
18	4" PERFORATED PVC EDGE DRAIN	LF	2,000	\$9.60	\$19,200.00	1,830.00	\$17,568.00	-170.00	-\$1,632.00
19	DRAINTILE CLEANOUT	EA	20	\$230.00	\$4,600.00	18.00	\$4,140.00	-2.00	-\$460.00
20	MANHOLE UPPER SECTION REHABILITATION	EA	2	\$1,454.34	\$2,908.68	2.00	\$2,908.68	0.00	\$0.00
SUBTOTAL - DIVISION 3					\$814,182.65		\$770,086.67		-\$44,095.98

TOTALS - BASE CONTRACT **\$1,038,206.14** **\$978,890.99** **-\$59,315.15**

CHANGE ORDER NO. 1

CO1-1	MOBILIZATION	LS	1.0	\$2,400.00	\$2,400.00	1.0	\$2,400.00	0.00	\$0.00
CO1-2	REMOVE STORM SEWER	LF	54.0	\$5.25	\$283.50	54.0	\$283.50	0.00	\$0.00
CO1-3	18-INCH RCP STORM SEWER	LF	54.0	\$60.90	\$3,288.60	54.0	\$3,288.60	0.00	\$0.00
CO1-4	18-INCH FES W/ TRASHGUARD	EA	1.0	\$2,205.15	\$2,205.15	1.0	\$2,205.15	0.00	\$0.00
CO1-5	CONNECT TO EXISTING STRUCTURE	EA	1.0	\$700.00	\$700.00	1.0	\$700.00	0.00	\$0.00
CO1-6	CULVERT 305-1 EXTENSION	LS	1.0	\$3,150.00	\$3,150.00	1.0	\$3,150.00	0.00	\$0.00
CO1-7	CULVERT 306-1 EXTENSION	LS	1.0	\$3,715.00	\$3,715.00	1.0	\$3,715.00	0.00	\$0.00

TOTALS - CHANGE ORDER NO. 1 **\$15,742.25** **\$15,742.25** **\$0.00**

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			TOTAL TO DATE		COMPENSATING CHANGE ORDER NO. 4	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	NET CHANGE	AMOUNT

CHANGE ORDER NO. 2

CO2-1	CONCRETE CURB STRING LINE ADJUSTMENTS	HR	64.0	\$90.64	\$5,800.96	64.0	\$5,800.96	0.00	\$0.00
CO2-2	CONCRETE VALLEY GUTTER	SF	300.0	\$6.88	\$2,064.00	300.0	\$2,064.00	0.00	\$0.00
CO2-3	STOCKPILE EXCESS RECLAIM AT PUBLIC WORKS	HR	20.5	\$210.00	\$4,305.00	20.5	\$4,305.00	0.00	\$0.00
TOTALS - CHANGE ORDER NO. 2					\$12,169.96		\$12,169.96		\$0.00

CHANGE ORDER NO. 3

CO3-1	MODIFY STORM SEWER STRUCTURE	LS	1.0	\$4,226.75	\$4,226.75	1.0	\$4,226.75	0.00	\$0.00
CO3-2	EXCAVATE AND REPAIR ROADWAY SETTLEMENTS	LS	1.0	\$5,658.50	\$5,658.50	1.0	\$5,658.50	0.00	\$0.00
CO3-3	FURNISH AND INSTALL SPECIAL STORM SEWER CASTINGS	EA	2.0	\$312.55	\$625.10	2.0	\$625.10	0.00	\$0.00
CO3-4	REMOVE AND REPLACE ROCK TO CORRECT PONDING AREA	LS	1.0	\$1,542.51	\$1,542.51	1.0	\$1,542.51	0.00	\$0.00
CO3-5	MOBILIZE AND SAWCUT DRIVEWAYS	LS	1.0	\$721.75	\$721.75	1.0	\$721.75	0.00	\$0.00
TOTALS - CHANGE ORDER NO. 3					\$12,774.61		\$12,774.61		\$0.00

TOTALS - REVISED CONTRACT

\$1,078,892.96

\$1,019,577.81

-\$59,315.15