

CONTRACT CHANGE ORDER FORM

CITY OF LAKE ELMO, MINNESOTA
KEATS MSA STREET AND TRUNK WATERMAIN IMP
PROJECT NO. 2012.129

FOCUS ENGINEERING, inc.

CHANGE ORDER NO. 6

DATE: January 27, 2014

TO: T.A. SCHIFSKY & SONS, INC., 2370 E HIGHWAY 36, NORTH ST. PAUL, MN 55109

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 \$28,174.09. The primary areas of increased pay items included subgrade correction to ensure a stable road base and subbase, erosion control, and bituminous quantities.

Attachments (list documents supporting change): Itemization

ITEM	DESCRIPTION OF PAY ITEM	UNIT	QTY	UNITE PRICE	INCREASE/(DECREASE)
	**See attached itemization for Change Order items				\$28,174.09
NET CONTRACT CHANGE					\$28,174.09

Amount of Original Contract	\$	1,606,833.47
Sum of Additions/Deductions approved to date (CO Nos. 1, 2, 3, 4, and 5)	\$	15,393.37
Contract Amount to date	\$	1,622,226.84
Amount of this Change Order (ADD) (DEDUCT) (NO CHANGE)	\$	28,174.09
Revised Contract Amount	\$	1,650,400.93

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

APPROVED BY ENGINEER: FOCUS Engineering, inc.

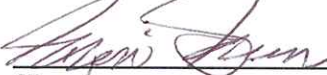


ENGINEER

1/27/2014

DATE

APPROVED BY CONTRACTOR



BY

1/31/14

DATE

APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA

BY

DATE

BY

DATE

CHANGE ORDER NO.

6

KEATS MSA STREET AND TRUNK WATERMAIN IMP.
CITY OF LAKE ELMO, MINNESOTA
PROJECT NO. 2012.129

FOCUS ENGINEERING, inc.

ITEM	MN/DOT NO.	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			TOTAL TO DATE		COMPENSATING CO NO. 6	
				QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	NET CHANGE	AMOUNT
DIVISION 1 - GENERAL										
1	2021.501	MOBILIZATION	LS	1.0	\$53,000.00	\$53,000.00	1.0	\$53,000.00	-	\$0.00
2	2101.502	CLEARING	TREE	1.0	\$400.00	\$400.00	1.0	\$400.00	-	\$0.00
3	2101.507	GRUBBING	TREE	1	\$100.00	\$100.00	1.0	\$100.00	-	\$0.00
4	2105.525	TOPSOIL BORROW (CV)	CY	2,744	\$5.00	\$13,720.00	1,556.0	\$7,780.00	-1188.0	-\$5,940.00
5	2453.61	EXPLORATORY DIGGING	HR	8	\$300.00	\$2,400.00	2.0	\$600.00	-6.0	-\$1,800.00
6	2563.601	TRAFFIC CONTROL	LS	1	\$24,000.00	\$24,000.00	1.0	\$24,000.00	-	\$0.00
7	2573.502	SILT FENCE	LF	5,880	\$1.00	\$5,880.00	5,507.0	\$5,507.00	-373.0	-\$373.00
8	2573.53	INLET PROTECTION	EA	9	\$60.00	\$540.00	9.0	\$540.00	-	\$0.00
9	2573.602	TEMPORARY ROCK CONSTRUCTION ENTRANCE	EA	2	\$200.00	\$400.00	8.0	\$1,600.00	6.0	\$1,200.00
10	2573.602	CULVERT PROTECTION	EA	14	\$75.00	\$1,050.00	22.0	\$1,650.00	8.0	\$600.00
11	2575.505	SODDING (SALT RESISTANT)	SY	213	\$7.00	\$1,491.00	0.0	\$0.00	-213.0	-\$1,491.00
12	2575.523	EROISION CONTROL BLANKET, CAT. 3	SY	16,465	\$1.03	\$16,958.95	19,707.0	\$20,298.21	3242.0	\$3,339.26
13	2575.605	SEEDING (SEED MIXTURE 250 AND FERTILIZER TYPE, 3)	AC	3.36	\$525.00	\$1,764.00	3.84	\$2,016.00	0.5	\$252.00
14	2575.605	SEEDING (SEED MIXTURE 328 AND FERTILIZER TYPE, 4)	AC	0.23	\$1,545.00	\$355.35	0.23	\$355.35	-	\$0.00
SUBTOTAL - DIVISION 1				\$122,059.30			\$117,846.56		-\$4,212.74	
DIVISION 2 - WATERMAIN										
1	2504.602	12" WATERMAIN OFFSET	EA	2	\$3,811.00	\$7,622.00	2	\$7,622.00	-	\$0.00
2	2504.602	CONNECT TO EXISTING WATERMAIN	EA	2	\$3,399.00	\$6,798.00	2	\$6,798.00	-	\$0.00
3	2504.602	6" HYDRANT	EA	13	\$3,244.50	\$42,178.50	12	\$38,934.00	-1.0	-\$3,244.50
4	2504.602	6" GATE VALVE & BOX	EA	13	\$1,236.00	\$16,068.00	12	\$14,832.00	-1.0	-\$1,236.00
5	2504.602	8" GATE VAVLE & BOX	EA	3	\$1,627.40	\$4,882.20	3	\$4,882.20	-	\$0.00
6	2504.602	12" GATE VAVLE & BOX	EA	15	\$2,811.90	\$42,178.50	15	\$42,178.50	-	\$0.00
7	2504.602	1" CORPORATION STOP	EA	3	\$278.10	\$834.30	3	\$834.30	-	\$0.00
8	2504.602	1.5" CORPORATION STOP	EA	18	\$607.70	\$10,938.60	18	\$10,938.60	-	\$0.00
9	2504.602	2" CORPORATION STOP	EA	1	\$741.60	\$741.60	1	\$741.60	-	\$0.00
10	2504.602	1" CURB STOP AND BOX	EA	3	\$566.50	\$1,699.50	3	\$1,699.50	-	\$0.00
11	2504.602	1.5" CURB STOP AND BOX	EA	18	\$690.10	\$12,421.80	18	\$12,421.80	-	\$0.00
12	2504.602	2" CURB STOP AND BOX	EA	1	\$844.60	\$844.60	1	\$844.60	-	\$0.00
13	2504.603	1" TYPE K COPPER WATER SERVICE PIPE	LF	135	\$20.60	\$2,781.00	117	\$2,410.20	-18.0	-\$370.80
14	2504.603	1.5" TYPE K COPPER WATER SERVICE PIPE	LF	548.00	\$23.69	\$12,982.12	506	\$11,987.14	-42.0	-\$994.98
15	2504.603	2" TYPE K COPPER WATER SERVICE PIPE	LF	45.00	\$30.90	\$1,390.50	45	\$1,390.50	-	\$0.00
16	2504.603	6" DIP CL. 52 WATERMAIN	LF	303	\$27.81	\$8,426.43	141	\$3,921.21	-162.0	-\$4,505.22
17	2504.603	8" DIP CL. 52 WATERMAIN	LF	52	\$32.96	\$1,713.92	74	\$2,439.04	22.0	\$725.12
18	2504.603	12" DIP CL. 52 WATERMAIN	LF	5,954	\$43.00	\$256,022.00	5,884	\$253,012.00	-70.0	-\$3,010.00
19	2504.603	12" HDPE DR. 11(DIPS), BY HDD	LF	2,435	\$58.00	\$141,230.00	2,435	\$141,230.00	-	\$0.00
20	2504.608	MJ DIP COMPACT FITTINGS	LBS	4,294	\$4.74	\$20,353.56	2,976	\$14,106.24	-1318.0	-\$6,247.32
21	2564.551	OFF ROAD STRUCTURE MARKER	EA	2	\$170.00	\$340.00	2	\$340.00	-	\$0.00
SUBTOTAL - DIVISION 2				\$592,447.13			\$573,563.43		-\$18,883.70	
DIVISION 3 - STORM SEWER										
1	2104.501	REMOVE PIPE CULVERTS (ALL TYPES & SIZES)	LF	1,016	\$7.00	\$7,112.00	1,092	\$7,644.00	76.0	\$532.00
2	2104.521	SALVAGE CONCRETE PIPE CULVERT (ALL TYPES & SIZES)	LF	85	\$13.00	\$1,105.00	66	\$858.00	-19.0	-\$247.00
3	2501.515	15" RCP FES W/ TRASH GUARD	EA	4	\$1,163.90	\$4,655.60	4	\$4,655.60	-	\$0.00
4	2501.515	18" RCP FES W/ TRASH GUARD	EA	4	\$1,215.40	\$4,861.60	6	\$7,292.40	2.0	\$2,430.80
5	2501.515	21" RCP FES W/ TRASH GUARD	EA	6	\$1,421.40	\$8,528.40	6	\$8,528.40	-	\$0.00
6	2501.521	22" SPAN RCP CL. 5 STORM SEWER PIPE	LF	47	\$50.00	\$2,350.00	48	\$2,400.00	1.0	\$50.00
7	2501.521	28" SPAN RCP CL. 5 STORM SEWER PIPE	LF	49	\$60.00	\$2,940.00	48	\$2,880.00	-1.0	-\$60.00
8	2501.521	36" SPAN RCP CL. 5 STORM SEWER PIPE	LF	60	\$82.40	\$4,944.00	60	\$4,944.00	-	\$0.00
9	2501.525	22" SPAN RCP FES W/ TRASH GUARD	EA	2	\$1,287.50	\$2,575.00	2	\$2,575.00	-	\$0.00
10	2501.525	28" SPAN RCP FES W/ TRASH GUARD	EA	2	\$1,565.60	\$3,131.20	2	\$3,131.20	-	\$0.00
11	2501.525	36" SPAN RCP FES W/ TRASH GUARD	EA	2	\$2,183.60	\$4,367.20	4	\$8,734.40	2.0	\$4,367.20
12	2501.571	INSTALL SALAVAGED CONCRETE PIPE CULVERT (ALL TYPES & SIZES)	LF	85	\$21.63	\$1,838.55	66	\$1,427.58	-19.0	-\$410.97
13	2502.521	15" CMP DRIVEWAY CULVERT W/ APRON	LF	326	\$28.84	\$9,401.84	334	\$9,632.56	8.0	\$230.72
14	2502.521	18" CMP DRIVEWAY CULVERT W/ APRON	LF	120	\$33.99	\$4,078.80	118	\$4,010.82	-2.0	-\$67.98
15	2503.511	15" RCP CL. 5 STORM SEWER PIPE	LF	126	\$26.78	\$3,374.28	120	\$3,213.60	-6.0	-\$160.68
16	2503.511	18" RCP CL. 5 STORM SEWER PIPE	LF	61	\$29.87	\$1,822.07	108	\$3,225.96	47.0	\$1,403.89
17	2503.511	21" RCP CL. 5 STORM SEWER PIPE	LF	226	\$34.00	\$7,684.00	213	\$7,242.00	-13.0	-\$442.00
18	2506.502	48" DIAMETER MANHOLE, TYPE 4065	EA	6	\$2,266.00	\$13,596.00	6	\$13,596.00	-	\$0.00
19	2506.601	INFILTRATION BASIN	EA	6	\$600.00	\$3,600.00	6	\$3,600.00	-	\$0.00
20	2511.501	CL. 3 RIPRAP W/ GEOTEXTILE FILTER FABRIC	CY	94.2	\$100.00	\$9,420.00	104.20	\$10,420.00	10.0	\$1,000.00
21	2511.501	CL. 4 RIPRAP W/ GEOTEXTILE FILTER FABRIC	CY	16.2	\$105.00	\$1,701.00	16.20	\$1,701.00	-	\$0.00
SUBTOTAL - DIVISION 3				\$103,086.54			\$111,712.52		\$8,625.98	

ITEM	MN/DOT NO.	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			TOTAL TO DATE		COMPENSATING CO NO. 6	
				QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	NET CHANGE	AMOUNT
DIVISION 4 - STREETS AND RESTORATION										
1	2104.501	REMOVE & DISPOSE OF EXIST. CONCRETE CURB & GUTTER	LF	213	\$3.09	\$658.17	344	\$1,062.96	131.0	\$404.79
2	2104.501	REMOVE & DISPOSE OF EXIST. FLUME (ALL TYPES)	EA	6	\$360.50	\$2,163.00	8	\$2,884.00	2.0	\$721.00
3	2104.505	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT	SY	19,710	\$1.00	\$19,710.00	20,374	\$20,374.00	664.0	\$664.00
4	2104.509	REMOVE SIGN	EA	18	\$30.00	\$540.00	18	\$540.00	-	\$0.00
5	2104.523	SALVAGE MAILBOX	EA	20	\$25.00	\$500.00	22	\$550.00	2.0	\$50.00
6	2104.523	SALVAGE POST & SIGN	EA	9	\$30.00	\$270.00	9	\$270.00	-	\$0.00
7	2105.501	COMMON EXCAVATION (P)	CY	19,252	\$8.00	\$154,016.00	19,384	\$155,072.00	132.0	\$1,056.00
8	2105.522	SELECT GRANULAR BORROW (CV), SPEC 3149.2B	CY	8,527	\$8.29	\$70,688.83	8,615	\$71,418.35	88.0	\$729.52
9	2105.604	GEOTEXTILE FOR ROAD STABILIZATION; MnDOT TYPE V	SY	300	\$1.00	\$300.00	1,225	\$1,225.00	925.0	\$925.00
10	2106.607	SUBGRADE CORRECTION	CY	100	\$15.00	\$1,500.00	1,990.4	\$29,856.00	1890.4	\$28,356.00
11	2112.501	SUBGRADE PREPARATION (ROADWAY)	RS	65	\$100.00	\$6,500.00	65	\$6,500.00	-	\$0.00
12	2211.501	CL.5 AGGREGATE BASE	TN	7,534	\$8.50	\$64,039.00	7,593.08	\$64,541.18	59.1	\$502.18
13	2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GA	1,044	\$3.00	\$3,132.00	1,257	\$3,771.00	213.0	\$639.00
14	2360.501	SPWEA240B BITUMINOUS WEARING COURSE (STREETS)	TN	1,867	\$66.00	\$123,222.00	2,034.96	\$134,307.36	168.0	\$11,085.36
15	2360.501	SPWEA240B BITUMINOUS WEARING COURSE (DRIVES)	TN	115	\$80.00	\$9,200.00	152.35	\$12,188.00	37.4	\$2,988.00
16	2360.502	SPNWB230B BITUMINOUS NON-WEARING COURSE (STREETS)	TN	3,111	\$58.00	\$180,438.00	3,019.72	\$175,143.76	-91.3	-\$5,294.24
17	2502.501	4" PRECAST CONCRETE HEADWALL	EA	6	\$412.00	\$2,472.00	3	\$1,236.00	-3.0	-\$1,236.00
18	2502.541	4" PERFORATED PVC EDGE DRAIN W/BACKFILL & WRAP	LF	6,083	\$3.50	\$21,290.50	6,030	\$21,105.00	-53.0	-\$185.50
19	2502.602	DRAINTILE CLEANOUT (INCL. PIPE, FITTINGS, & STEEL CAP)	EA	26	\$155.00	\$4,030.00	26	\$4,030.00	-	\$0.00
20	2502.602	DRAINTILE CONNECTION INTO CATCH BASIN	EA	10	\$250.00	\$2,500.00	10	\$2,500.00	-	\$0.00
21	2531.501	B418 CONCRETE CURB & GUTTER	LF	12,650	\$8.34	\$105,501.00	12,904	\$107,619.36	254.0	\$2,118.36
22	2531.602	CONCRETE PEDESTRIAN RAMP	EA	1	\$400.00	\$400.00	1	\$400.00	-	\$0.00
23	2531.602	CONCRETE CURB CUT	EA	38	\$10.00	\$380.00	38	\$380.00	-	\$0.00
24	2531.602	6" CONCRETE FLUME	SY	82	\$36.00	\$2,952.00	43.1	\$1,551.60	-38.9	-\$1,400.40
25	2531.618	CAST IRON TRUNCATED DOME PANELS	SF	8	\$50.00	\$400.00	16	\$800.00	8.0	\$400.00
26	2540.602	INSTALL SALVAGED MAILBOX	EA	20	\$10.00	\$200.00	22	\$220.00	2.0	\$20.00
27	2554.602	PERMANENT BARRICADE	EA	1	\$400.00	\$400.00	1	\$400.00	-	\$0.00
28	2564.531	INSTALL SIGN PANELS, TYPE C (INCLUDING POSTS & ASSEMBLY)	EA	18	\$55.00	\$990.00	18	\$990.00	-	\$0.00
29	2564.531	INSTALL SALVAGED SIGN	EA	9	\$50.00	\$450.00	10	\$500.00	1.0	\$50.00
30	2564.533	FURNISH SIGN PANELS, TYPE C	SF	117	\$24.00	\$2,808.00	117	\$2,808.00	-	\$0.00
31	2582.502	4" SOLID DOUBLE LINE YELLOW - EPOXY	LF	4,720	\$0.62	\$2,926.40	4,880	\$3,025.60	160.0	\$99.20
32	2582.502	4" SOLID LINE WHITE - EPOXY	LF	12,240	\$0.32	\$3,916.80	12,284	\$3,930.88	44.0	\$14.08
33	2582.502	4" SOLID LINE YELLOW - EPOXY	LF	755	\$0.31	\$234.05	755	\$234.05	-	\$0.00
34	2582.502	4" BROKEN LINE YELLOW - EXPOXY	LF	1,265	\$0.10	\$126.50	1,265	\$126.50	-	\$0.00
35	2582.502	24" SOLID LINE YELLOW - EPOXY	LF	25	\$15.45	\$386.25	21	\$324.45	-4.0	-\$61.80
SUBTOTAL - DIVISION 4				\$789,240.50			\$831,885.05		\$42,644.55	

TOTALS - BASE CONTRACT

\$1,606,833.47

\$1,635,007.56

\$28,174.09

CHANGE ORDER NO. 2

CO2-1	2101.502	REMOVE COTTONWOOD TREE AND STUMP	LS	1	\$3,960.00	\$3,960.00	1	\$3,960.00	-	\$0.00
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TOTALS - CHANGE ORDER NO. 2

\$3,960.00

\$3,960.00

\$0.00

CHANGE ORDER NO. 3

CO3-1	2531.602	REMOBILIZE CONCRETE CREW FOR HALF POURS	EA	2	\$1,650.00	\$3,300.00	2	\$3,300.00	-	\$0.00
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TOTALS - CHANGE ORDER NO. 3

\$3,300.00

\$3,300.00

\$0.00

CHANGE ORDER NO. 4

CO4-1	2501.515	INSTALL 12" RCP APRON W/ TRASH GUARD	EA	1	\$1,155.00	\$1,155.00	1	\$1,155.00	-	\$0.00
CO4-2	2531.602	TIME AND MATERIAL - BACKHOE	HR	10	\$60.00	\$600.00	10	\$600.00	-	\$0.00
CO4-3	2531.602	TIME AND MATERIAL - LABORER	HR	10	\$68.00	\$680.00	10	\$680.00	-	\$0.00
CO4-4	2531.602	TIME AND MATERIAL - OPERATOR	HR	10	\$72.00	\$720.00	10	\$720.00	-	\$0.00
CO4-5	2531.602	TIME AND MATERIAL - TRUCK/DRIVER	HR	10	\$95.00	\$950.00	10	\$950.00	-	\$0.00

TOTALS - CHANGE ORDER NO. 4

\$4,105.00

\$4,105.00

\$0.00

TOTALS - CHANGE ORDER NO. 5

CO5-1		INSTALL 1-FOOT HYDRANT EXTENSION	EA	2.0	\$629.45	\$1,258.90	2.0	\$1,258.90	-	\$0.00
CO5-2		INSTALL 18-INCH HYDRANT EXTENSION	EA	1.0	\$1,144.47	\$1,144.47	1.0	\$1,144.47	-	\$0.00
CO5-3		TIME AND MATERIAL: HYDRANT EXTENSION INSTALLATION	HR	7.0	\$71.50	\$500.50	7.0	\$500.50	-	\$0.00
CO5-4		TIME AND MATERIAL: OPERATOR - ADDITIONAL GRADING	HR	3.25	\$93.00	\$302.25	3.25	\$302.25	-	\$0.00
CO5-5		TIME AND MATERIAL: LABORER - ADDITIONAL GRADING	HR	6.5	\$84.00	\$546.00	6.5	\$546.00	-	\$0.00
CO5-6		TIME AND MATERIAL: SKIDSTEER - ADDITIONAL GRADING	HR	3.25	\$85.00	\$276.25	3.3	\$276.25	-	\$0.00

TOTALS - CHANGE ORDER NO. 5

\$4,028.37

\$4,028.37

\$0.00

TOTALS - DIFFERENCE IN CONTRACT AND ACTUAL WORK COMPLETE

\$1,622,226.84

\$1,650,400.93

\$28,174.09