

**CITY OF RAPID CITY
CONSTRUCTION CHANGE ORDER**

PROJECT NAME: ELK VALE LOW LEVEL RESERVOIR

PROJECT NO: W07-1638

CONTRACTOR: NATGUN CORPORATION

ORIGINAL CONTRACT AMOUNT: \$5,931,271.20

CHANGE ORDER NO.: 5 - FINAL

DATE: June 28, 2019

ITEM	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	INSTALLED QUANTITY	INSTALLED PRICE	INCREASE/ (DECREASE)
1	Bid Item #7: Dust Control Chlorides	LB	18,810.00	\$0.60	\$11,286.00	5,320.00	\$0.60	(\$8,094.00)
2	Bid Item #9: 16" DI RJ Water Main (Class 250)	LF	56	\$159.00	\$8,904.00	62	\$159.00	\$954.00
3	Bid Item #10: 24" DI Water Main (Class 200 and 250)	LF	1,188	\$142.00	\$168,696.00	1,193	\$142.00	\$710.00
4	Bid Item #14: 4" PVC RJ Force Main (C-900 DR-18)	LF	184	\$30.00	\$5,520.00	169	\$30.00	(\$450.00)
5	Bid Item #15: 8" PVC RJ Drain Line (C-900 DR-18)	LF	82	\$42.00	\$3,444.00	89	\$42.00	\$294.00
6	Bid Item #22: 24" DI RJ 22.5 Elbow	EA	1	\$2,950.00	\$2,950.00	2	\$2,950.00	\$2,950.00
7	Bid Item #23: 24" DI RJ 45 Elbow	EA	2	\$2,950.00	\$5,900.00	1	\$2,950.00	(\$2,950.00)
8	Bid Item #51: 4" RJ PVC Perf. Drain (C-900, DR-18)	LF	692	\$18.90	\$13,078.80	595	\$18.90	(\$1,833.30)
9	Bid Item #57: Elk Vale Rock Excavation	TON	1.00	\$40.00	\$40.00	0.00	\$40.00	(\$40.00)
10	Bid Item #58: Elk Vale Engineered Fill (granular)	TON	7,539.00	\$18.90	\$142,487.10	8,658.94	\$18.90	\$21,166.87
11	Bid Item #59: Elk Vale Aggregate Base Course	TON	474.00	\$22.40	\$10,617.60	592.77	\$22.40	\$2,660.45
12	Bid Item #60: Asphalt Concrete, Class G, Type 1	TON	225.00	\$140.00	\$31,500.00	248.30	\$140.00	\$3,262.00
13	Bid Item #61: Bituminous Tack Coat	GAL	117.00	\$11.20	\$1,310.40	0.00	\$11.20	(\$1,310.40)
14	Bid Item #62: Conc. Driveway, Reinforced, 6"	SY	14.00	\$106.00	\$1,484.00	15.60	\$106.00	\$169.60
15	Bid Item #63: Concrete Sidewalk, 4"	SF	41.00	\$53.00	\$2,173.00	44.00	\$53.00	\$159.00
16	Bid Item #66: Elk Vale Riprap	TON	42.00	\$71.00	\$2,982.00	76.00	\$71.00	\$2,414.00
17	Bid Item #68: Elk Vale Furnish and Place Topsoil	TON	1.00	\$18.00	\$18.00	0.00	\$18.00	(\$18.00)
18	Bid Item #70: Elk Vale Irrigation	LS	1.00	\$8,900.00	\$8,900.00	0.00	\$8,900.00	(\$8,900.00)
19	Bid Item #71: Elk Vale Haul and Place Co-Compost	TON	600.00	\$25.00	\$15,000.00	631.49	\$25.00	\$787.25
20	Bid Item #75: Remove Barbed Wire Fence	LF	946	\$1.20	\$1,135.20	980	\$1.20	\$40.80
21	Bid Item #76: F&I New Barb Wire Fence	LF	1,326	\$3.00	\$3,978.00	1,177	\$3.00	(\$447.00)
22	Bid Item #77: Elk Vale Carsonite Markers	EA	5	\$80.00	\$400.00	7	\$80.00	\$160.00
23	Bid Item #78: Elk Vale Silt Fence	LF	1,885	\$3.60	\$6,786.00	1,876	\$3.60	(\$32.40)
24	Bid Item #79: Elk Vale Straw Wattle	LF	1,740	\$3.60	\$6,264.00	1,810	\$3.60	\$252.00
25	Bid Item #80: Elk Vale Erosion Control Blanket	SY	2,226	\$3.60	\$8,013.60	3,972	\$3.60	\$6,285.60
26	Bid Item #87: Utility Service Buried/Trenching	LF	3,944	\$7.70	\$30,368.80	3,625	\$7.70	(\$2,456.30)

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CHANGE ORDER NO.: 5 - FINAL

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ITEM	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	INSTALLED QUANTITY	INSTALLED PRICE	INCREASE/ (DECREASE)
27	Bid Item #95: 12" DI RJ Water Main (Class 350)	LF	7	\$271.00	\$1,897.00	0	\$271.00	(\$1,897.00)
28	Bid Item #96: 16" DI RJ Water Main (Class 250)	LF	76	\$271.00	\$20,596.00	71	\$271.00	(\$1,355.00)
29	Bid Item #97: 20" DI RJ Water Main (Class 250)	LF	383	\$212.00	\$81,196.00	371	\$212.00	(\$2,544.00)
30	Bid Item #99: 20" DI RJ 90 Elbow	EA	4	\$2,360.00	\$9,440.00	3	\$2,360.00	(\$2,360.00)
31	Bid Item #100: 20"x12" DI RJ Reducer	EA	1	\$2,360.00	\$2,360.00	0	\$2,360.00	(\$2,360.00)
32	Bid Item #102: 20" DI RJ Tee	EA	3	\$4,710.00	\$14,130.00	2	\$4,710.00	(\$4,710.00)
33	Bid Item #108: 4" RJ PVC Drain Line (C900, DR-18)	LF	154	\$16.50	\$2,541.00	100	\$16.50	(\$891.00)
34	Bid Item #114: Signal Hill Rock Excavation	TON	1.00	\$40.00	\$40.00	0.00	\$40.00	(\$40.00)
35	Bid Item #115: Signal Hill Engineered Fill (granular)	TON	153.00	\$22.00	\$3,366.00	235.34	\$22.00	\$1,811.48
36	Bid Item #116: Gravel Surfacing	TON	3,900.00	\$9.50	\$37,050.00	453.77	\$9.50	(\$32,739.19)
37	Bid Item #118: Signal Hill Place Salvaged Topsoil	TON	807.00	\$6.00	\$4,842.00	0.00	\$6.00	(\$4,842.00)
38	Bid Item #119: Signal Hill Furnish and Place Topsoil	TON	1.00	\$17.70	\$17.70	800.00	\$17.70	\$14,142.30
39	Bid Item #120: Signal Hill Seeding, Fertilizing, Mulching	AC	1.00	\$4,120.00	\$4,120.00	1.91	\$4,120.00	\$3,749.20
40	Bid Item #121: Signal Hill Irrigation	LS	1	\$11,770.00	\$11,770.00	0.00	\$11,770.00	(\$11,770.00)
41	Bid Item #122: Signal Hill Haul and Place Co-Compost	TON	35.00	\$89.00	\$3,115.00	26.22	\$89.00	(\$781.42)
42	Bid Item #123: Signal Hill Carsonite Markers	EA	5	\$80.00	\$400.00	10	\$80.00	\$400.00
43	Bid Item #124: Signal Hill Silt Fence	LF	560.00	\$5.90	\$3,304.00	559.00	\$5.90	(\$5.90)
44	Bid Item #125: Signal Hill Straw Wattle	LF	420.00	\$5.90	\$2,478.00	495.00	\$5.90	\$442.50
45	Bid Item #126: Signal Hill Erosion Control Blanket	SY	2,325.00	\$5.90	\$13,717.50	0.00	\$5.90	(\$13,717.50)
46	CCO#2-1: Alternate Base Material (PCO #5)	TON	1,557.00	\$21.47	\$33,428.79	1751.62	\$21.47	\$4,178.49
47	CCO#3-4: Alternate Seed Mix for Elk Vale Site (PCO #21)	AC	16.0	\$2,037.69	\$32,603.04	10.0	\$2,037.69	(\$12,226.14)
48	Signal Hill - Electrical Meter Bollards and Handicap Sign (PCO #32)	LS	1	\$2,188.58	\$2,188.58			\$2,188.58
49	Time Extension Request (PCO #33)	LS	1	(\$22,100.00)	(\$22,100.00)			(\$22,100.00)
50	Irrigation System (PCO #34)	LS	1	(\$9,803.28)	(\$9,803.28)			(\$9,803.28)
	Total							(\$81,495.71)

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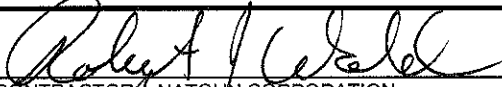

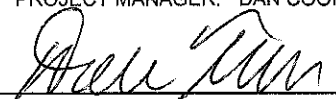
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ORIGINAL CONTRACT AMOUNT: \$5,931,271.20

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C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$5,756,376.24
CCO #1	(\$65,149.60)	NET INCREASE/(DECREASE):	(\$81,495.71)
CCO #2	\$2,110.22		
CCO #3	(\$149,630.48)	ADJUSTED CONTRACT PRICE:	\$5,674,880.53
CCO #4	\$37,774.90		
PRIOR TOTAL	(\$174,894.96)	CHANGE TO DATE:	(\$256,390.67)

 CONTRACTOR: NATGUN CORPORATION	June 30, 2010 DATE
 PROJECT MANAGER: DAN COON	July 7, 2010 DATE
 CITY ENGINEER: DALE TECH	7-7-10 DATE
MAYOR: ALAN HANKS	DATE
FINANCE: JAMES PRESTON	DATE
SIGNAL HILL SUBSTANTIAL COMPLETION TIME CHANGE +/-: 0	NEW SIGNAL HILL SUBSTANTIAL COMPLETION: June 26, 2009
SUBSTANTIAL COMPLETION TIME CHANGE +/-: 97	NEW SUBSTANTIAL COMPLETION: December 9, 2009
READY FOR FINAL PAYMENT TIME CHANGE +/-: 227	READY FOR FINAL PAYMENT: June 3, 2010

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City Staff recommends approval of this Change Order #5 - FINAL to Natgun Corporation for a decrease of (\$81,495.71) based on unit pricing with the following appropriation:

Initial Funding	\$5,931,271.20
Fund Type	Water Enterprise
Department	0934
Line Item	4381
Fund	0602
CCO #1	(\$65,149.60)
CCO #2	\$2,110.22
CCO #3	(\$149,630.48)
CCO #4	\$37,774.90
CCO #5	(\$81,495.71)
Adjusted Funding	\$5,674,880.53

ITEM	DESCRIPTION	REASON FOR CHANGE
1	Bid Item #7: Dust Control Chlorides	Adjustment for actual field quantity installed. Scheduled for four applications and only one was applied.
2	Bid Item #9: 16" DI RJ Water Main (Class 250)	Adjustment for actual field quantity installed.
3	Bid Item #10: 24" DI Water Main (Class 200 and 250)	Adjustment for actual field quantity installed.
4	Bid Item #14: 4" PVC RJ Force Main (C-900 DR-18)	Adjustment for actual field quantity installed.
5	Bid Item #15: 8" PVC RJ Drain Line (C-900 DR-18)	Adjustment for actual field quantity installed.
6	Bid Item #22: 24" DI RJ 22.5 Elbow	Adjustment for actual field quantity installed.
7	Bid Item #23: 24" DI RJ 45 Elbow	Adjustment for actual field quantity installed.
8	Bid Item #51: 4" RJ PVC Perf. Drain (C-900, DR-18)	Adjustment for actual field quantity installed.
9	Bid Item #57: Elk Vale Rock Excavation	Bid item was place holder for potential field condition. Rock excavation was not required.
10	Bid Item #58: Elk Vale Engineered Fill (granular)	Adjustment for actual field quantity installed.
11	Bid Item #59: Elk Vale Aggregate Base Course	Adjustment for actual field quantity installed.
12	Bid Item #60: Asphalt Concrete, Class G, Type 1	Adjustment for actual field quantity installed.
13	Bid Item #61: Bituminous Tack Coat	Adjustment for actual field quantity installed.

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14	Bid Item #62: Conc. Driveway, Reinforced, 6"	Adjustment for actual field quantity installed.
15	Bid Item #63: Concrete Sidewalk, 4"	Adjustment for actual field quantity installed.
16	Bid Item #66: Elk Vale Riprap	Adjustment for actual field quantity installed.
17	Bid Item #68: Elk Vale Furnish and Place Topsoil	Bid item was place holder for potential field condition. Imported topsoil was not required.
18	Bid Item #70: Elk Vale Irrigation	Bid item was intended to assist with grass growth. Contractor elected not to use due to adequate moisture this spring.
19	Bid Item #71: Elk Vale Haul and Place Co-Compost	Adjustment for actual field quantity installed.
20	Bid Item #75: Remove Barbed Wire Fence	Adjustment for actual field quantity installed.
21	Bid Item #76: F&I New Barb Wire Fence	Adjustment for actual field quantity installed.
22	Bid Item #77: Elk Vale Carsonite Markers	Adjustment for actual field quantity installed.
23	Bid Item #78: Elk Vale Silt Fence	Adjustment for actual field quantity installed.
24	Bid Item #79: Elk Vale Straw Wattle	Adjustment for actual field quantity installed.
25	Bid Item #80: Elk Vale Erosion Control Blanket	Adjustment for actual field quantity installed.
26	Bid Item #87: Utility Service Buried/Trenching	Adjustment for actual field quantity installed.
27	Bid Item #95: 12" DI RJ Water Main (Class 350)	Adjustment for actual field quantity installed based on field conditions at Signal Hill.
28	Bid Item #96: 16" DI RJ Water Main (Class 250)	Adjustment for actual field quantity installed based on field conditions at Signal Hill.
29	Bid Item #97: 20" DI RJ Water Main (Class 250)	Adjustment for actual field quantity installed based on field conditions at Signal Hill.
30	Bid Item #99: 20" DI RJ 90 Elbow	Adjustment for actual field quantity installed based on field conditions at Signal Hill.
31	Bid Item #100: 20"x12" DI RJ Reducer	Adjustment for actual field quantity installed based on field conditions at Signal Hill.
32	Bid Item #102: 20" DI RJ Tee	Adjustment for actual field quantity installed based on field conditions at Signal Hill.
33	Bid Item #108: 4" RJ PVC Drain Line (C900, DR-18)	Adjustment for actual field quantity installed.
34	Bid Item #114: Signal Hill Rock Excavation	Bid item was place holder for potential field condition. Rock excavation was not required.
35	Bid Item #115: Signal Hill Engineered Fill (granular)	Adjustment for actual field quantity installed.
36	Bid Item #116: Gravel Surfacing	Adjustment for actual field quantity installed.
37	Bid Item #118: Signal Hill Place Salvaged Topsoil	Existing topsoil was poor quality and thin. Replaced with imported topsoil per bid item #119.
38	Bid Item #119: Signal Hill Furnish and Place Topsoil	Existing topsoil was poor quality and thin. Replaced with imported topsoil.
39	Bid Item #120: Signal Hill Seeding, Fertilizing, Mulching	Adjustment for actual field quantity installed.
40	Bid Item #121: Signal Hill Irrigation	Bid item was intended to assist with grass growth. Contractor elected not to use due to adequate moisture this spring.
41	Bid Item #122: Signal Hill Haul and Place Co-Compost	Adjustment for actual field quantity installed.

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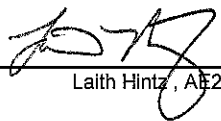
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42	Bid Item #123: Signal Hill Carsonite Markers	Adjustment for actual field quantity installed. Includes markers for existing valves.
43	Bid Item #124: Signal Hill Silt Fence	Adjustment for actual field quantity installed.
44	Bid Item #125: Signal Hill Straw Wattle	Adjustment for actual field quantity installed.
45	Bid Item #126: Signal Hill Erosion Control Blanket	Adjustment for actual field quantity installed.
46	CCO#2-1: Alternate Base Material (PCO #5)	Adjustment for actual field quantity installed.
47	CCO#3-4: Alternate Seed Mix for Elk Vale Site (PCO #21)	Adjustment for actual field quantity installed.
48	Signal Hill - Electrical Meter Bollards and Handicap Sign (PCO #32)	Added bollards to protect electrical service meter and handicap signage for Change Order #4 parking improvements.
49	Time Extension Request (PCO #33)	17 days for liquidated damages.
50	Irrigation System (PCO #34)	Deduct for not installing provisions for future irrigation system.

PREPARED BY:



 Laith Hintz, AE2S

DATE:

 6/28/10