

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #5
CANYON LAKE DAM RECONSTRUCTION VISION 2012 PHASE FOUR
PROJECT NO. PW08-1743 / CIP NO. 50739
MARCH 27, 2015
ORIGINAL CONTRACT AMOUNT: \$3,721,141.21
CONTRACTOR: SCULL CONSTRUCTION SERVICE, INC.**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	CONSTRUCTION STAKES, LINES & GRADES	LS	1.00	\$12,070.79	\$12,070.79	1.00	\$12,070.79	\$0.00
2	MOBILIZATION	LS	1.00	\$50,900.98	\$50,900.98	1.00	\$50,900.98	\$0.00
3	DEMOBILIZATION	LS	1.00	\$3,882.11	\$3,882.11	1.00	\$3,882.11	\$0.00
4	REGULATORY REQUIREMENTS	LS	1.00	\$6,470.19	\$6,470.19	1.00	\$6,470.19	\$0.00
5	TEMPORARY TRAFFIC CONTROL	LS	1.00	\$1,526.96	\$1,526.96	1.00	\$1,526.96	\$0.00
6	TREE REMOVAL	EA	10.00	\$194.11	\$1,941.10	10.00	\$1,941.10	\$0.00
7	DEMOLITION & REMOVAL-SOUTH PARKING LOT	LS	1.00	\$7,246.61	\$7,246.61	1.00	\$7,246.61	\$0.00
8	DEMOLITION & REMOVAL-SIDEWALK	LS	1.00	\$3,882.11	\$3,882.11	1.00	\$3,882.11	\$0.00
9	DEMOLITION & REMOVAL-ABUTMENT WALLS	LS	1.00	\$30,510.82	\$30,510.82	1.00	\$30,510.82	\$0.00
10	DEMOLITION & REMOVAL-SPILLWAY	LS	1.00	\$89,935.63	\$89,935.63	1.00	\$89,935.63	\$0.00
11	DEMOLITION & REMOVAL-EXCESS CONCRETE	CY	20.00	\$77.64	\$1,552.80	20.00	\$1,552.80	\$0.00
12	SALVAGE-UNDERGROUND IRRIGATION SYSTEM	LS	1.00	\$5,434.96	\$5,434.96	1.00	\$5,434.96	\$0.00
13	SALVAGE- SMALL PARK STRUCTURES	LS	1.00	\$647.02	\$647.02	1.00	\$647.02	\$0.00
14	DOWNSTREAM ROCK DIKE	EA	1.00	\$14,234.42	\$14,234.42	1.00	\$14,234.42	\$0.00
15	FLOATING SILT CURTAIN	LF	100.00	\$32.35	\$3,235.00	100.00	\$3,235.00	\$0.00
16	SILT FENCE	LF	800.00	\$5.82	\$4,656.00	800.00	\$4,656.00	\$0.00
17	ROCK CONSTRUCTION ENTRANCE	EA	3.00	\$776.42	\$2,329.26	3.00	\$2,329.26	\$0.00
18	INLET PROTECTION	EA	4.00	\$323.51	\$1,294.04	4.00	\$1,294.04	\$0.00
19	COFFERDAMS AND DEWATERING	LS	1.00	\$540,519.61	\$540,519.61	1.00	\$540,519.61	\$0.00
20	CLASS II RIPRAP	CY	500.00	\$51.76	\$25,880.00	500.00	\$25,880.00	\$0.00
21	SALVAGE AND REUSE EXISTING RIPRAP	CY	40.00	\$25.88	\$1,035.20	40.00	\$1,035.20	\$0.00
22	DRAINAGE FABRIC	SY	400.00	\$4.53	\$1,812.00	400.00	\$1,812.00	\$0.00
23	FOUNDATION GROUTING-INITIAL DRILLING	LF	2,100.00	\$64.70	\$135,870.00	2,100.00	\$135,870.00	\$0.00
24	FOUNDATION GROUTING-RE-DRILLING	LF	2,100.00	\$51.76	\$108,696.00	2,100.00	\$108,696.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
25	FOUNDATION GROUTING-GROUT	CF	12,600.00	\$43.03	\$542,178.00	12,600.00	\$542,178.00	\$0.00
26	BEDROCK SUBGRADE PREPARATION	SY	1,060.00	\$4.53	\$4,801.80	1,060.00	\$4,801.80	\$0.00
27	ROCK EXCAVATION	CY	34.00	\$58.23	\$1,979.82	34.00	\$1,979.82	\$0.00
28	SOIL SUBGRADE PREPARATION	CY	960.00	\$3.88	\$3,724.80	960.00	\$3,724.80	\$0.00
29	SOIL RECOMPACTION OVER BYPASS PIPE	LS	1.00	\$2,588.08	\$2,588.08	1.00	\$2,588.08	\$0.00
30	CONSTRUCT SILT REMOVAL ACCESS	LS	1.00	\$12,293.36	\$12,293.36	1.00	\$12,293.36	\$0.00
31	SILT REMOVAL	CY	12,000.00	\$11.65	\$139,800.00	12,000.00	\$139,800.00	\$0.00
32	STEEL SHEET PILE-PERMANENT PZ22	SF	1,950.00	\$116.13	\$226,453.50	1,950.00	\$226,453.50	\$0.00
33	NORTH AND SOUTH ABUTMENT WALLS	LS	1.00	\$440,084.82	\$440,084.82	1.00	\$440,084.82	\$0.00
34	SPILLWAY AND STILLING BASIN	LS	1.00	\$796,197.73	\$796,197.73	1.00	\$796,197.73	\$0.00
35	WEIR WALL EXTENSION AND REPAIR	LS	1.00	\$17,462.45	\$17,462.45	1.00	\$17,462.45	\$0.00
36	SOUTH PARKING LOT	LS	1.00	\$43,832.94	\$43,832.94	1.00	\$43,832.94	\$0.00
37	SIDEWALKS AND RAMPS	LS	1.00	\$71,670.44	\$71,670.44	1.00	\$71,670.44	\$0.00
38	CONCRETE BLOCK WALL AND GRAVEL PATH	LS	1.00	\$89,935.63	\$89,935.63	1.00	\$89,935.63	\$0.00
39	FINAL GRADING, SEEDING, AND LANDSCAPING	LS	1.00	\$18,116.53	\$18,116.53	1.00	\$18,116.53	\$0.00
40	PAVEMENT REPLACEMENT - N PKNG/CAN LK DR	SY	3,100.00	\$55.92	\$173,352.00	3,100.00	\$173,352.00	\$0.00
41	CURB REPLACEMENT - N PKNG/CAN LK DR	LF	2,370.00	\$15.33	\$36,332.10	2,370.00	\$36,332.10	\$0.00
42	SYSTEM	CY	80.00	\$25.88	\$2,070.40	80.00	\$2,070.40	\$0.00
43	CANYON LAKE PUMPING	DAYS	15.00	\$2,588.08	\$38,821.20	15.00	\$38,821.20	\$0.00
44	BEDROCK SUBGRADE DENTAL GROUTING	CF	60.00	\$64.70	\$3,882.00	60.00	\$3,882.00	\$0.00
45	REMOVAL OF TEMPORARY TRAFFIC CONTROL-CCO1	LS	1.00	\$669.30	\$669.30	1.00	\$669.30	\$0.00
46	SILT FENCE REMOVAL-CCO1	LS	1.00	\$459.43	\$459.43	1.00	\$459.43	\$0.00
47	ROCK FILTER DAM REMOVAL AND STOCKPILE-CCO1	LS	1.00	\$726.02	\$726.02	1.00	\$726.02	\$0.00
48	RAMP RESTORATION-CCO1	LS	1.00	\$975.58	\$975.58	1.00	\$975.58	\$0.00
49	SIDEWALK RESTORATION-CCO1	LS	1.00	\$7,804.67	\$7,804.67	1.00	\$7,804.67	\$0.00
50	WINTER HEATING FOR SIDEWALK RESTORATION-CCO1	LS	1.00	\$1,200.00	\$1,200.00	1.00	\$1,200.00	\$0.00
51	RIPRAP REPLACEMENT AT NORTH ABUTMENT-CCO1	LS	1.00	\$364.01	\$364.01	1.00	\$364.01	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
52	RIPRAP REPLACEMENT AT STILLING BASIN WALL-CCO1	LS	1.00	\$294.13	\$294.13	1.00	\$294.13	\$0.00
53	ADDITIONAL SILT FENCE NEAR SOUTH PKG LOT-CCO1	LS	1.00	\$114.44	\$114.44	1.00	\$114.44	\$0.00
54	TEMP CONSTRUCTION FENCING SPILLWAY AREA-CCO1	LS	1.00	\$1,106.04	\$1,106.04	1.00	\$1,106.04	\$0.00
55	UPSTREAM COFFERDAM REMOVAL AND STOCKPILE-CCO1	LS	1.00	\$8,757.57	\$8,757.57	1.00	\$8,757.57	\$0.00
56	IRRIGATION SYSTEM REPAIRS-CCO1	LS	1.00	\$2,410.60	\$2,410.60	1.00	\$2,410.60	\$0.00
57	RESTORATION OF SOUTH PARKING LOT AREA-CCO1	LS	1.00	\$2,178.05	\$2,178.05	1.00	\$2,178.05	\$0.00
58	REPLACE CHAIN LINK FENCE AT S ABUTMENT WALL-CCO1	LS	1.00	\$2,836.00	\$2,836.00	1.00	\$2,836.00	\$0.00
59	DEMOB OF JOB TRAILER AND DUMPSTER-CCO1	LS	1.00	\$3,403.20	\$3,403.20	1.00	\$3,403.20	\$0.00
60	CONSTRUCTION STAKES, LINES & GRADES-CCO2	LS	1.00	\$43.64	\$43.64	1.00	\$43.64	\$0.00
61	MOBILIZATION-CCO2	LS	1.00	\$655.53	\$655.53	1.00	\$655.53	\$0.00
62	DEMOBILIZATION-CCO2	LS	1.00	\$190.85	\$190.85	1.00	\$190.85	\$0.00
63	REGULATORY REQUIREMENTS-CCO2	LS	1.00	\$0.00	\$0.00	1.00	\$0.00	\$0.00
64	TEMPORARY TRAFFIC CONTROL-CCO2	LS	1.00	\$0.00	\$0.00	1.00	\$0.00	\$0.00
65	TREE REMOVAL-CCO2	LS	1.00	\$7.02	\$7.02	1.00	\$7.02	\$0.00
66	DEMOLITION & REMOVAL-SOUTH PARKING LOT-CCO2	LS	1.00	\$356.25	\$356.25	1.00	\$356.25	\$0.00
67	DEMOLITION & REMOVAL-SIDEWALK-CCO2	LS	1.00	\$1,690.85	\$1,690.85	1.00	\$1,690.85	\$0.00
68	DEMOLITION & REMOVAL-ABUTMENT WALLS-CCO2	LS	1.00	\$1,499.93	\$1,499.93	1.00	\$1,499.93	\$0.00
69	DEMOLITION & REMOVAL-SPILLWAY-CCO2	LS	1.00	\$4,421.28	\$4,421.28	1.00	\$4,421.28	\$0.00
70	DEMOLITION & REMOVAL-EXCESS CONCRETE-CCO2	LS	1.00	\$76.33	\$76.33	1.00	\$76.33	\$0.00
71	SALVAGE-UNDERGROUND IRRIGATION SYSTEM-CCO2	LS	1.00	\$19.65	\$19.65	1.00	\$19.65	\$0.00
72	SALVAGE- SMALL PARK STRUCTURES-CCO2	LS	1.00	\$0.00	\$0.00	1.00	\$0.00	\$0.00
73	DOWNSTREAM ROCK DIKE-CCO2	LS	1.00	\$0.00	\$0.00	1.00	\$0.00	\$0.00
74	FLOATING SILT CURTAIN-CCO2	LS	1.00	\$0.00	\$0.00	1.00	\$0.00	\$0.00
75	SILT FENCE-CCO2	LS	1.00	\$0.00	\$0.00	1.00	\$0.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
76	ROCK CONSTRUCTION ENTRANCE-CCO2	LS	1.00	\$8.42	\$8.42	1.00	\$8.42	\$0.00
77	INLET PROTECTION-CCO2	LS	1.00	\$4.68	\$4.68	1.00	\$4.68	\$0.00
78	COFFERDAMS AND DEWATERING-CCO2	LS	1.00	\$14,497.38	\$14,497.38	1.00	\$14,497.38	\$0.00
79	CLASS II RIPRAP-CCO2	LS	1.00	\$1,272.31	\$1,272.31	1.00	\$1,272.31	\$0.00
80	SALVAGE AND REUSE EXISTING RIPRAP-CCO2	LS	1.00	\$0.00	\$0.00	1.00	\$0.00	\$0.00
81	DRAINAGE FABRIC-CCO2	LS	1.00	\$6.55	\$6.55	1.00	\$6.55	\$0.00
82	FOUNDATION GROUTING-INITIAL DRILLING-CCO2	LS	1.00	\$491.25	\$491.25	1.00	\$491.25	\$0.00
83	FOUNDATION GROUTING-RE-DRILLING-CCO2	LS	1.00	\$393.00	\$393.00	1.00	\$393.00	\$0.00
84	FOUNDATION GROUTING-GROUT-CCO2	LS	1.00	\$17,283.70	\$17,283.70	1.00	\$17,283.70	\$0.00
85	BEDROCK SUBGRADE PREPARATION-CCO2	LS	1.00	\$236.02	\$236.02	1.00	\$236.02	\$0.00
86	ROCK EXCAVATION-CCO2	LS	1.00	\$97.33	\$97.33	1.00	\$97.33	\$0.00
87	SOIL SUBGRADE PREPARATION-CCO2	LS	1.00	\$163.21	\$163.21	1.00	\$163.21	\$0.00
88	SOIL RECOMPACTION OVER BYPASS PIPE-CCO2	LS	1.00	\$9.36	\$9.36	1.00	\$9.36	\$0.00
89	CONSTRUCT SILT REMOVAL ACCESS-CCO2	LS	1.00	\$716.33	\$716.33	1.00	\$716.33	\$0.00
90	SILT REMOVAL-CCO2	LS	1.00	\$8,143.52	\$8,143.52	1.00	\$8,143.52	\$0.00
91	STEEL SHEET PILE-PERMANENT PZ22-CCO2	LS	1.00	\$818.75	\$818.75	1.00	\$818.75	\$0.00
92	NORTH AND SOUTH ABUTMENT WALLS-CCO2	LS	1.00	\$15,620.34	\$15,620.34	1.00	\$15,620.34	\$0.00
93	SPILLWAY AND STILLING BASIN-CCO2	LS	1.00	\$47,211.70	\$47,211.70	1.00	\$47,211.70	\$0.00
94	WEIR WALL EXTENSION AND REPAIR-CCO2	LS	1.00	\$612.13	\$612.13	1.00	\$612.13	\$0.00
95	SOUTH PARKING LOT-CCO2	LS	1.00	\$1,081.53	\$1,081.53	1.00	\$1,081.53	\$0.00
96	SIDEWALKS AND RAMPS-CCO2	LS	1.00	\$2,875.22	\$2,875.22	1.00	\$2,875.22	\$0.00
97	CONCRETE BLOCK WALL AND GRAVEL PATH-CCO2	LS	1.00	\$4,421.28	\$4,421.28	1.00	\$4,421.28	\$0.00
98	FINAL GRADING, SEEDING, AND LANDSCAPING-CCO2	LS	1.00	\$65.50	\$65.50	1.00	\$65.50	\$0.00
99	PAVEMENT REPLACEMENT - N PKNG/CAN LK DR-CCO2	LS	1.00	\$8,511.47	\$8,511.47	1.00	\$8,511.47	\$0.00
100	CURB REPLACEMENT - N PKNG/CAN LK DR-CCO2	LS	1.00	\$1,053.29	\$1,053.29	1.00	\$1,053.29	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
101	REMOVE SILT FROM POND SYSTEM-CCO2	LS	1.00	\$120.65	\$120.65	1.00	\$120.65	\$0.00
102	CANYON LAKE PUMPING-CCO2	LS	1.00	\$140.36	\$140.36	1.00	\$140.36	\$0.00
103	BEDROCK SUBGRADE DENTAL GROUTING-CCO2	LS	1.00	\$14.04	\$14.04	1.00	\$14.04	\$0.00
104	ADDITIONAL SILT REMOVAL AREAS-CCO3	CY	0.00	\$12.35	\$0.00	0.00	\$0.00	\$0.00
105	SIDEWALK DEMO AND REPLACE - 48" Bypass-CCO3	SF	1,600.00	\$5.09	\$8,144.00	1,600.00	\$8,144.00	\$0.00
106	CONCRETE FUSE PLUG REPLACE - 48" Bypass-CCO3	SF	3,400.00	\$9.47	\$32,198.00	3,400.00	\$32,198.00	\$0.00
107	REPAIR IRRIGATION - 48" Bypass-CCO3	LS	1.00	\$1,781.60	\$1,781.60	1.00	\$1,781.60	\$0.00
108	FURNISH 48" PIPE - 48" Bypass-CCO3	LF	460.00	\$79.45	\$36,547.00	460.00	\$36,547.00	\$0.00
109	PIPE INSTALL AND REMOVAL - 48" Bypass-CCO3	LS	1.00	\$53,633.85	\$53,633.85	1.00	\$53,633.85	\$0.00
110	SEDIMENT CONTROL - 48" Bypass-CCO3	LS	1.00	\$8,907.98	\$8,907.98	1.00	\$8,907.98	\$0.00
111	TRANSPORT PIPE TO CITY SHOP - 48" Bypass-CCO3	LS	1.00	\$3,141.55	\$3,141.55	1.00	\$3,141.55	\$0.00
112	RAISE UPPER COFFERDAM ELEVATIONS-CCO4	LS	1.00	\$2,357.65	\$2,357.65	1.00	\$2,357.65	\$0.00
113	MODIFICATIONS TO S. ABUTMENT WALL, E to D-CCO5	LS	0.00	\$6,963.83	\$0.00	1.00	\$6,963.83	\$6,963.83
TOTAL					\$4,035,982.53		\$4,042,946.36	\$6,963.83

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$4,035,982.53
CCO #1	\$33,299.04	NET INCREASE/(DECREASE):	\$6,963.83
CCO #2	\$134,830.65	ADJUSTED CONTRACT PRICE:	\$4,042,946.36
CCO #3	\$144,353.98		
CCO #4	\$2,357.65		
CCO #5	\$6,963.83	CHANGE TO DATE:	\$321,805.15

<i>Don Chytka</i> CONTRACTOR: SCULL CONSTRUCTION SERVICE INC	3-30-15 DATE
<i>Alex Fisher</i> CONSULTANT: ALEX FISHER, P.E., FMG INC.	4/2/15 DATE
<i>Klare Schroeder</i> PROJECT MANAGER: KLARE SCHROEDER, P.E.	3/25/15 DATE
<i>Dale Tech</i> CITY ENGINEER: DALE TECH, P.E./L.S.	3-25-15 DATE
MAYOR: SAM KOOIKER	DATE
FINANCE: PAULINE SUMPTION	DATE
CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME: Days

City Staff recommends approval of this Change Order #5 to Scull Construction Service inc. for an increase of \$6,963.83 based on unit pricing with the following appropriation:

Initial Funding	\$3,621,141.21	\$100,000.00			\$3,721,141.21
Fund Type	ion 2012 Phase F	covery of Dir. Expenses			
Department	0122	0085			
Line Item	4390	3407			
Fund	0107	0107			
CCO #1	\$33,299.04	\$0.00			\$33,299.04
CCO #2	\$134,830.65	\$0.00			\$134,830.65
CCO #3	\$144,353.98	\$0.00			\$144,353.98
CCO #4	\$2,357.65	\$0.00			\$2,357.65
CCO #5	\$6,963.83	\$0.00			\$6,963.83
Adjusted Funding	\$3,942,946.36	\$100,000.00		\$4,042,946.36	\$4,042,946.36

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #5
CANYON LAKE DAM RECONSTRUCTION VISION 2012 PHASE FOUR
PROJECT NO. PW08-1743 / CIP NO. 50739
MARCH 27, 2015
ORIGINAL CONTRACT AMOUNT: \$3,721,141.21
CONTRACTOR: SCULL CONSTRUCTION SERVICE, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
113	MODIFICATIONS TO S. ABUTMENT WALL, E to D	This item is to construct the modified section of the south abutment wall from Points E to approximately 15.5 to 27 feet west of Point D. The modifications, as designed by Stanley Consultants, required additional excavation behind the wall to allow for construction of a footing, additional rebar, forming of the footing, and additional concrete. The costs for this item also include a deduct amount for the rock anchors that were not installed.

PREPARED BY: Alex Fisher

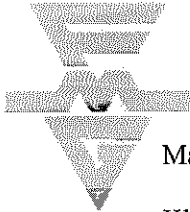
DATE: March 27, 2015

		Vision 2012 Phase Four		Recovery of Dir. Expenses		
		0122		0085		
		4390		3407		
		0107		0107		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	CONSTRUCTION STAKES, LINES &	0.00	100%	0.00	0%	100%
2	MOBILIZATION	0.00	100%	0.00	0%	100%
3	DEMOBILIZATION	0.00	100%	0.00	0%	100%
4	REGULATORY REQUIREMENTS	0.00	100%	0.00	0%	100%
5	TEMPORARY TRAFFIC CONTROL	0.00	100%	0.00	0%	100%
6	TREE REMOVAL	0.00	100%	0.00	0%	100%
7	DEMOLITION & REMOVAL-SOUTH	0.00	100%	0.00	0%	100%
8	DEMOLITION & REMOVAL- SIDEWA	0.00	100%	0.00	0%	100%
9	DEMOLITION & REMOVAL-ABUTME	0.00	100%	0.00	0%	100%
10	DEMOLITION & REMOVAL-SPILLW	0.00	100%	0.00	0%	100%
11	DEMOLITION & REMOVAL-EXCESS	0.00	100%	0.00	0%	100%
12	SALVAGE-UNDERGROUND IRRIGA	0.00	100%	0.00	0%	100%
13	SALVAGE- SMALL PARK STRUCTU	0.00	100%	0.00	0%	100%
14	DOWNSTREAM ROCK DIKE	0.00	100%	0.00	0%	100%
15	FLOATING SILT CURTAIN	0.00	100%	0.00	0%	100%
16	SILT FENCE	0.00	100%	0.00	0%	100%
17	ROCK CONSTRUCTION ENTRANC	0.00	100%	0.00	0%	100%
18	INLET PROTECTION	0.00	100%	0.00	0%	100%
19	COFFERDAMS AND DEWATERING	0.00	100%	0.00	0%	100%
20	CLASS II RIPRAP	0.00	100%	0.00	0%	100%
21	SALVAGE AND REUSE EXISTING F	0.00	100%	0.00	0%	100%
22	DRAINAGE FABRIC	0.00	100%	0.00	0%	100%
23	FOUNDATION GROUTING-INITIAL I	0.00	100%	0.00	0%	100%
24	FOUNDATION GROUTING-RE-DRIL	0.00	100%	0.00	0%	100%
25	FOUNDATION GROUTING-GROUT	0.00	100%	0.00	0%	100%
26	BEDROCK SUBGRADE PREPARAT	0.00	100%	0.00	0%	100%
27	ROCK EXCAVATION	0.00	100%	0.00	0%	100%
28	SOIL SUBGRADE PREPARATION	0.00	100%	0.00	0%	100%
29	SOIL RECOMPACTION OVER BYPA	0.00	100%	0.00	0%	100%
30	CONSTRUCT SILT REMOVAL ACC	0.00	100%	0.00	0%	100%
31	SILT REMOVAL	0.00	28%	0.00	72%	100%

32	STEEL SHEET PILE-PERMANENT F	0.00	100%	0.00	0%	100%
33	NORTH AND SOUTH ABUTMENT W	0.00	100%	0.00	0%	100%
34	SPILLWAY AND STILLING BASIN	0.00	100%	0.00	0%	100%
35	WEIR WALL EXTENSION AND REP	0.00	100%	0.00	0%	100%
36	SOUTH PARKING LOT	0.00	100%	0.00	0%	100%
37	SIDEWALKS AND RAMPS	0.00	100%	0.00	0%	100%
38	CONCRETE BLOCK WALL AND GR	0.00	100%	0.00	0%	100%
39	FINAL GRADING, SEEDING, AND L	0.00	100%	0.00	0%	100%
40	PAVEMENT REPLACEMENT - N PK	0.00	100%	0.00	0%	100%
41	CURB REPLACEMENT - N PKNG/C	0.00	100%	0.00	0%	100%
42	REMOVE SILT FROM POND SYSTE	0.00	100%	0.00	0%	100%
43	CANYON LAKE PUMPING	0.00	100%	0.00	0%	100%
44	BEDROCK SUBGRADE DENTAL GR	0.00	100%	0.00	0%	100%
45	REMOVAL OF TEMPORARY TRAFF	0.00	100%	0.00	0%	100%
46	SILT FENCE REMOVAL	0.00	100%	0.00	0%	100%
47	ROCK FILTER DAM REMOVAL AND	0.00	100%	0.00	0%	100%
48	RAMP RESTORATION	0.00	100%	0.00	0%	100%
49	SIDEWALK RESTORATION	0.00	100%	0.00	0%	100%
50	WINTER HEATING FOR SIDEWALK	0.00	100%	0.00	0%	100%
51	RIPRAP REPLACEMENT AT NORTH	0.00	100%	0.00	0%	100%
52	RIPRAP REPLACEMENT AT STILLI	0.00	100%	0.00	0%	100%
53	ADDITIONAL SILT FENCE NEAR SC	0.00	100%	0.00	0%	100%
54	TEMP CONSTRUCTION FENCING S	0.00	100%	0.00	0%	100%
55	UPSTREAM COFFERDAM REMOVA	0.00	100%	0.00	0%	100%
56	IRRIGATION SYSTEM REPAIRS	0.00	100%	0.00	0%	100%
57	RESTORATION OF SOUTH PARKIN	0.00	100%	0.00	0%	100%
58	REPLACE CHAIN LINK FENCE AT S	0.00	100%	0.00	0%	100%
59	DEMOB OF JOB TRAILER AND DUP	0.00	100%	0.00	0%	100%
60	CONSTRUCTION STAKES, LINES &	0.00	100%	0.00	0%	100%
61	MOBILIZATION	0.00	100%	0.00	0%	100%
62	DEMOBILIZATION	0.00	100%	0.00	0%	100%
63	REGULATORY REQUIREMENTS	0.00	100%	0.00	0%	100%
64	TEMPORARY TRAFFIC CONTROL	0.00	100%	0.00	0%	100%
65	TREE REMOVAL	0.00	100%	0.00	0%	100%

66	DEMOLITION & REMOVAL-SOUTH	0.00	100%	0.00	0%	100%
67	DEMOLITION & REMOVAL- SIDEWA	0.00	100%	0.00	0%	100%
68	DEMOLITION & REMOVAL-ABUTME	0.00	100%	0.00	0%	100%
69	DEMOLITION & REMOVAL-SPILLW	0.00	100%	0.00	0%	100%
70	DEMOLITION & REMOVAL-EXCESS	0.00	100%	0.00	0%	100%
71	SALVAGE-UNDERGROUND IRRIGA	0.00	100%	0.00	0%	100%
72	SALVAGE- SMALL PARK STRUCTU	0.00	100%	0.00	0%	100%
73	DOWNSTREAM ROCK DIKE	0.00	100%	0.00	0%	100%
74	FLOATING SILT CURTAIN	0.00	100%	0.00	0%	100%
75	SILT FENCE	0.00	100%	0.00	0%	100%
76	ROCK CONSTRUCTION ENTRANC	0.00	100%	0.00	0%	100%
77	INLET PROTECTION	0.00	100%	0.00	0%	100%
78	COFFERDAMS AND DEWATERING	0.00	100%	0.00	0%	100%
79	CLASS II RIPRAP	0.00	100%	0.00	0%	100%

80	SALVAGE AND REUSE EXISTING F	0.00	100%	0.00	0%	100%
81	DRAINAGE FABRIC	0.00	100%	0.00	0%	100%
82	FOUNDATION GROUTING-INITIAL I	0.00	100%	0.00	0%	100%
83	FOUNDATION GROUTING-RE-DRIL	0.00	100%	0.00	0%	100%
84	FOUNDATION GROUTING-GROUT	0.00	100%	0.00	0%	100%
85	BEDROCK SUBGRADE PREPARAT	0.00	100%	0.00	0%	100%
86	ROCK EXCAVATION	0.00	100%	0.00	0%	100%
87	SOIL SUBGRADE PREPARATION	0.00	100%	0.00	0%	100%
88	SOIL RECOMPACTION OVER BYPA	0.00	100%	0.00	0%	100%
89	CONSTRUCT SILT REMOVAL ACCB	0.00	100%	0.00	0%	100%
90	SILT REMOVAL	0.00	100%	0.00	0%	100%
91	STEEL SHEET PILE-PERMANENT F	0.00	100%	0.00	0%	100%
92	NORTH AND SOUTH ABUTMENT W	0.00	100%	0.00	0%	100%
93	SPILLWAY AND STILLING BASIN	0.00	100%	0.00	0%	100%
94	WEIR WALL EXTENSION AND REP	0.00	100%	0.00	0%	100%
95	SOUTH PARKING LOT	0.00	100%	0.00	0%	100%
96	SIDEWALKS AND RAMPS	0.00	100%	0.00	0%	100%
97	CONCRETE BLOCK WALL AND GR	0.00	100%	0.00	0%	100%
98	FINAL GRADING, SEEDING, AND L	0.00	100%	0.00	0%	100%
99	PAVEMENT REPLACEMENT - N PK	0.00	100%	0.00	0%	100%
100	CURB REPLACEMENT - N PKNG/C	0.00	100%	0.00	0%	100%
101	REMOVE SILT FROM POND SYSTE	0.00	100%	0.00	0%	100%
102	CANYON LAKE PUMPING	0.00	100%	0.00	0%	100%
103	BEDROCK SUBGRADE DENTAL GR	0.00	100%	0.00	0%	100%
104	ADDITIONAL SILT REMOVAL AREA	0.00	100%	0.00	0%	100%
105	SIDEWALK DEMO AND REPLACE -	0.00	100%	0.00	0%	100%
106	CONCRETE FUSE PLUG REPLACE	0.00	100%	0.00	0%	100%
107	REPAIR IRRIGATION - 48" Bypass	0.00	100%	0.00	0%	100%
108	FURNISH 48" PIPE - 48" Bypass	0.00	100%	0.00	0%	100%
109	PIPE INSTALL AND REMOVAL - 48"	0.00	100%	0.00	0%	100%
110	SEDIMENT CONTROL - 48" Bypass	0.00	100%	0.00	0%	100%
111	TRANSPORT PIPE TO CITY SHOP -	0.00	100%	0.00	0%	100%
112	RAISE UPPER COFFERDAM ELEV	0.00	100%	0.00	0%	100%
113	MODIFICATIONS TO S. ABUTMENT	6,963.83	100%	0.00	0%	100%
		\$6,963.83		\$0.00		\$6,963.83



FMG. INC., 3700 Sturgis Road, Rapid City, South Dakota 57702-0317 605/342-4105
 FAX 605/342-4222

March 25, 2015

Klare Schroeder
 City of Rapid City
 300 Sixth Street
 Rapid City, SD 57701

Re: Request for Change Order No. 5
Canyon Lake Dam Reconstruction
Vision 2012 Phase Four
Project No. PW08-1743

Dear Klare:

As you are aware, it became apparent during demolition that bedrock is not present behind the south abutment wall from gridlines E to a point approximately 15.5 feet west of gridline D. This section of wall was designed to be poured in direct contact with the bedrock, held in place with rock anchors. Due to the absence of bedrock in this area, the wall cannot be constructed as designed. Per RFI #4, this required a re-design of the wall section between these points, including some modification to reinforcement for a wall section from 15.5 feet to 27 feet west of gridline D.

A lump sum cost proposal was requested from Scull Construction Services, Inc. (Scull) to construct the modified section of wall. The cost provided by Scull is listed on the following table. Explanation of the required work is also provided below. The cost proposal received from Scull is attached.

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QUANTITY		
				COST PER UNIT	TOTAL COST
113	MODIFICATIONS TO S. ABUTMENT WALL, E to D	LS	1	6,963.83	6,963.83
Totals:				\$	6,963.83

Item 113 – Modifications to South Abutment Wall, D to E (\$6,963.83)

This item is to construct the modified section of the south abutment wall from Points E to approximately 15.5 to 27 feet west of Point D. The modifications, as designed by Stanley Consultants, required additional excavation behind the wall to allow for construction of a footing, additional rebar, forming of the footing, and additional concrete. The costs for this item also include a deduct amount for the rock anchors that were not installed.

We trust this information is sufficient at this time. Please contact me if you have any questions regarding the change order request.

Sincerely,

FMG Inc.

Alex Fisher, P.E.
 Enclosures

cc: Bill Holman, Stanley Consultants

Aaron Broten, Scull Construction

Canyon Lake Dam

RFP 5 -South Footing - no
rock added footing.
Revised

ITEM	CONTRACTOR	QTY	UNIT	MD / UNIT	TOTAL MD	UNIT COST	LABOR W BURDEN	MATL	WITH SALES TAX	EQUIP.	SUB	Sub - TOTAL	O&P 15%	Bond 1%	Builders Risk .214%	Excise Tax	Total
Earthwork	IHE	1	LS	0	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,140.00	\$2,140.00	\$321.00	\$24.61	\$5.32	\$50.81	\$2,641.74
Rebar	Teton	1	LS	0	0.00	\$0.00	\$0.00	\$5,900.00	\$6,254.00	\$0.00	\$0.00	\$6,254.00	\$938.10	\$71.92	\$15.55	\$148.50	\$7,428.07
Footing Forming	SCS	125	SF	50	2.50	\$185.00	\$592.00	\$0.00	\$0.00	\$0.00	\$0.00	\$592.00	\$88.80	\$6.81	\$1.47	\$14.06	\$703.14
Footing Concrete	SCS	47	CY	0	0.00	\$127.00	\$0.00	\$5,969.00	\$6,327.14	\$0.00	\$0.00	\$6,327.14	\$949.07	\$72.76	\$15.73	\$150.24	\$7,514.94
Rock Anchor - Deduct	SCS	70	EA	0	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$135.00	(\$9,450.00)	(\$1,417.50)	(\$108.68)	(\$23.45)	(\$224.39)	(\$11,224.06)

\$6,963.83

IRON HORSE EXCAVATING, INC.

Rapid City, SD 57702

Estimate

DATE	ESTIMATE NO.
12/22/2014	RPI # 004

NAME / ADDRESS
Scull Const. Attn: Aaron Re: Canyon Lake RPI 004

PROJECT

DESCRIPTION	QTY	COST	TOTAL
325 Excavator hourly rate	6	165.00	990.00
Bobcat hourly rate	6	70.00	420.00
Roller hourly rate	5	90.00	450.00
Labor hourly rate	7	40.00	280.00
SD Excise Tax		2.041%	0.00
TOTAL			\$2,140.00



TETON STEEL COMPANY

Reinforcing Steel Fabrication, Concrete Accessories & Specialties
A Division of DALCO Industries, Inc.
5008 Peige Street Casper, Wyoming 82604
Phone: (307) 234-0715 Fax: (307) 234-0418



CONTRACTOR: SCULL CONST. DATE: 1-12-15

PROJECT: CANYON LAKE DAM

TETON JOB No. T13088 TICKET No. _____

AUTHORIZATION FOR EXTRA MATERIALS

Your signed acceptance is required on this form in order that TETON may proceed with the below-described extra requirements for this Project. Please have an authorized agent of your Company sign where indicated and return to our office immediately.

Upon receipt by TETON of this authorization, we will incorporate the required extra material in our placing drawings and proceed with fabricating and furnishing the material to the project.

In the event that this material is now being delivered to the project in order to facilitate the job, this authorization must be signed by your field representative and returned with our delivery person in order that future shipments will not be delayed.

EXTRA REQUIREMENTS:

ADDED FTGS. IN LIEU OF
EXISTING ROISC
Per ADDL. DWGS.

Total Additional Cost \$ 3,200.00

Sales Taxes Not Included

The Terms and Conditions of the original Purchase Order shall apply to this Authorization for Extra Materials

Accepted For:

By: _____
Title: _____
Date: _____

TETON Steel / DALCO Industries

By: TKR
Taylor K. Ranker -
General Manager



TETON STEEL COMPANY

Reinforcing Steel Fabrication, Concrete Accessories & Specialties

A Division of DALCO Industries, Inc.

6008 Paige Street Casper, Wyoming 82604

Phone: (307) 234-0715 Fax: (307) 234-0418



CONTRACTOR: SCULL CONST. DATE: 1-27-15

PROJECT: CANYON LAKE DAM

TETON JOB No. T13088 TICKET No. 131051

AUTHORIZATION FOR EXTRA MATERIALS

Your signed acceptance is required on this form in order that TETON may proceed with the below-described extra requirements for this Project. Please have an authorized agent of your Company sign where indicated and return to our office immediately.

Upon receipt by TETON of this authorization, we will incorporate the required extra material in our placing drawings and proceed with fabricating and furnishing the material to the project.

In the event that this material is now being delivered to the project in order to facilitate the job, this authorization must be signed by your field representative and returned with our delivery person in order that future shipments will not be delayed.

EXTRA REQUIREMENTS:

TO WIDEN FOOTING BETWEEN
GRIDLINES 'D' AND 'E'

Total Additional Cost \$ 2,700.00

Sales Taxes Not Included

The Terms and Conditions of the original Purchase Order shall apply to this Authorization for Extra Materials

Accepted For:

TETON Steel / DALCO Industries

By: _____

By: TKR

Title: _____

Taylor K. Ranker
General Manager

Date: _____