

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #6
CANYON LAKE DAM RECONSTRUCTION VISION 2012 PHASE FOUR
PROJECT NO. PW08-1743 / CIP NO. 50739**

APRIL 2, 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	1.00	\$6,963.83	\$6,963.83	1.00	\$6,963.83	\$0.00
114	POSITION AND SECURE PUMP CITY 16" PUMP	LS	0.00	\$1,912.25	\$0.00	1.00	\$1,912.25	\$1,912.25
115	FURNISH DISCHARGE PIPING	LF	0.00	\$62.14	\$0.00	120.00	\$7,456.80	\$7,456.80
116	INSTALL DISCHARGE PIPING	LS	0.00	\$6,696.71	\$0.00	1.00	\$6,696.71	\$6,696.71
117	OPERATION AND MONITORING OF CITY 16" PUMP	HR	0.00	\$98.82	\$0.00	0.00	\$0.00	\$0.00
118	REMOVAL OF PUMPING SYSTEM	LS	0.00	\$1,793.47	\$0.00	1.00	\$1,793.47	\$1,793.47
119	INSTALL, MAINTENANCE, REMOVAL OF SILT FENCE	LF	0.00	\$9.75	\$0.00	6,225.00	\$60,693.75	\$60,693.75
120	INSTALL, MAINTENANCE, REMOVAL OF 12" WATTLE	LF	0.00	\$5.88	\$0.00	100.00	\$588.00	\$588.00
121	TRANSPORT TO JOB - JERSEY BARRIERS	LS	0.00	\$2,139.97	\$0.00	1.00	\$2,139.97	\$2,139.97
122	INSTALL JERSEY BARRIERS	EA	0.00	\$137.57	\$0.00	24.00	\$3,301.68	\$3,301.68
123	FURNISH AND INSTALL SAND BAGS	EA	0.00	\$30.74	\$0.00	69.00	\$2,121.06	\$2,121.06
124	REMOVAL OF REINFORCEMENT	LS	0.00	\$2,671.24	\$0.00	1.00	\$2,671.24	\$2,671.24
TOTAL					\$4,042,946.36		\$4,132,321.29	\$89,374.93

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$4,042,946.36
CCO #1	\$33,299.04	NET INCREASE/(DECREASE):	\$89,374.93
CCO #2	\$134,830.65	ADJUSTED CONTRACT PRICE:	\$4,132,321.29
CCO #3	\$144,353.98		
CCO #4	\$2,357.65		
CCO #5	\$6,963.83		
CCO #6	\$89,374.93	CHANGE TO DATE:	\$411,180.08

CONTRACTOR: SCULL CONSTRUCTION SERVICE INC	DATE
<i>[Signature]</i>	4/9/15
CONSULTANT: ALEX FISHER, P.E., FMG INC.	DATE
<i>[Signature]</i> For K5	4-8-15
PROJECT MANAGER: KAREN SCHROEDER, P.E.	DATE
<i>[Signature]</i>	4-8-15
CITY ENGINEER: DALE TECH, P.E. / L.S.	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	very 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
CCO #6	\$89,374.93	\$0.00			\$89,374.93
Adjusted Funding	\$4,032,321.29	\$100,000.00		\$4,132,321.29	\$4,132,321.29

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #6
CANYON LAKE DAM RECONSTRUCTION VISION 2012 PHASE FOUR
PROJECT NO. PW08-1743 / CIP NO. 50739**

APRIL 2, 2015

ORIGINAL CONTRACT AMOUNT: \$3,721,141.21

CONTRACTOR: SCULL CONSTRUCTION SERVICE, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
114	POSITION AND SECURE PUMP CITY 16" PUMP	This item is to position and secure the pump in a location and manner which allows for instantaneous and continuous pumping of water from upstream of the lower cofferdam. The pump will be generally located near the lower concrete outlet structure near the north end of the lower cofferdam.
115	FURNISH DISCHARGE PIPING	This item is to furnish to the project site 120 feet of 16" Yelomine pipe and 2-45 degree bends for use as pump discharge piping. The contractor will re-use 2-45 degree bends supplied by the City. The pump will discharge into the first large park pond.
116	INSTALL DISCHARGE PIPING	The item is to install approximately 120 feet of 16" Yelomine pipe for use as pump discharge piping.
117	OPERATION AND MONITORING OF CITY 16" PUMP	The item is for the operation and monitoring of the City 16" pump. If necessary, the Contractor will start the pump to begin dewatering of the lower cofferdam, and shut down the pump when pumping is no longer necessary. During operation, the Contractor will monitor the pump as necessary and as part of general jobsite observations to ensure safe and continuous operation. It is not anticipated that full time monitoring of the pump will be necessary.
118	REMOVAL OF PUMPING SYSTEM	This item is for the complete removal of the pumping system at the completion of the project. All pipe and the pump will be hauled to the City's Steele Ave. yard and properly stockpiled.
119	INSTALL, MAINTENANCE, REMOVAL OF SILT FENCE	This item is for the installation within the lake bed of the silt fence and wattles as necessary to control channel mitigation. This item includes necessary maintenance of the erosion control items and the removal of said items at project completion. This cost does include the replacement of 1,800 feet of silt fence following the January 1st ice dam event.
120	INSTALL, MAINTENANCE, REMOVAL OF 12" WATTLE	This item is for the installation within the lake bed of the silt fence and wattles as necessary to control channel mitigation. This item includes necessary maintenance of the erosion control items and the removal of said items at project completion. This cost does include the replacement of 1,800 feet of silt fence following the January 1st ice dam event.
121	TRANSPORT TO JOB - JERSEY BARRIERS	This item is for the transport up to 24 10-foot concrete jersey barriers from the DOT south yard to a staging area near the upper cofferdam. The DOT has agreed to provide the jersey barriers at no cost and will require the return of the barriers at the end of the project. The jersey barriers will be loaded by Scull at the DOT yard.
122	INSTALL JERSEY BARRIERS	This item is for the installation of the jersey barriers in an overlapping "shingle" fashion from the west boat dock to a point where the channel flow can smoothly enter the established silt fence lined channel.
123	FURNISH AND INSTALL SAND BAGS	This item is for the installation of sand bags within the gaps between the individual jersey barriers to a height at least 12 inches above water level.
124	REMOVAL OF REINFORCEMENT	This item is for the removal at project completion all jersey barriers and transport to the DOT south yard. The barriers will be cleaned as necessary and returned to the DOT in a similar condition to that when received. All sand bags will also be removed and disposed by the contractor.

PREPARED BY: Alex Fisher

DATE: April 2, 2015

		Vision 2012 Phase Four		Recovery of Dir. Expenses		
FUNDING TYPE		0122		0085		
COST CENTER		4390		3407		
LINE ITEM						
FUND		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- SIDEW	0.00	100%	0.00	0%	100%
9	DEMOLITION & REMOVAL-ABUTM	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	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	0.00	100%	0.00	0%	100%

33	NORTH AND SOUTH ABUTMENT V	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-CCO1	0.00	100%	0.00	0%	100%
47	ROCK FILTER DAM REMOVAL AND	0.00	100%	0.00	0%	100%
48	RAMP RESTORATION-CCO1	0.00	100%	0.00	0%	100%
49	SIDEWALK RESTORATION-CCO1	0.00	100%	0.00	0%	100%
50	WINTER HEATING FOR SIDEWALK	0.00	100%	0.00	0%	100%
51	RIPRAP REPLACEMENT AT NORT	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-CC	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 DUF	0.00	100%	0.00	0%	100%
60	CONSTRUCTION STAKES, LINES &	0.00	100%	0.00	0%	100%
61	MOBILIZATION-CCO2	0.00	100%	0.00	0%	100%
62	DEMOBILIZATION-CCO2	0.00	100%	0.00	0%	100%
63	REGULATORY REQUIREMENTS-C	0.00	100%	0.00	0%	100%
64	TEMPORARY TRAFFIC CONTROL-	0.00	100%	0.00	0%	100%
65	TREE REMOVAL-CCO2	0.00	100%	0.00	0%	100%
66	DEMOLITION & REMOVAL-SOUTH	0.00	100%	0.00	0%	100%

67	DEMOLITION & REMOVAL- SIDEW	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-CCO2	0.00	100%	0.00	0%	100%
74	FLOATING SILT CURTAIN-CCO2	0.00	100%	0.00	0%	100%
75	SILT FENCE-CCO2	0.00	100%	0.00	0%	100%
76	ROCK CONSTRUCTION ENTRANC	0.00	100%	0.00	0%	100%
77	INLET PROTECTION-CCO2	0.00	100%	0.00	0%	100%
78	COFFERDAMS AND DEWATERING	0.00	100%	0.00	0%	100%
79	CLASS II RIPRAP-CCO2	0.00	100%	0.00	0%	100%
80	SALVAGE AND REUSE EXISTING F	0.00	100%	0.00	0%	100%
81	DRAINAGE FABRIC-CCO2	0.00	100%	0.00	0%	100%
82	FOUNDATION GROUTING-INITIAL	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 PREPA-CC	0.00	100%	0.00	0%	100%
86	ROCK EXCAVATION-CCO2	0.00	100%	0.00	0%	100%
87	SOIL SUBGRADE PREPARATION-C	0.00	100%	0.00	0%	100%
88	SOIL RECOMPACTION OVER BYPA	0.00	100%	0.00	0%	100%
89	CONSTRUCT SILT REMOVAL ACC	0.00	100%	0.00	0%	100%
90	SILT REMOVAL-CCO2	0.00	100%	0.00	0%	100%
91	STEEL SHEET PILE-PERMANENT I	0.00	100%	0.00	0%	100%
92	NORTH AND SOUTH ABUTMENT V	0.00	100%	0.00	0%	100%
93	SPILLWAY AND STILLING BASIN-C	0.00	100%	0.00	0%	100%
94	WEIR WALL EXTENSION AND REP	0.00	100%	0.00	0%	100%
95	SOUTH PARKING LOT-CCO2	0.00	100%	0.00	0%	100%
96	SIDEWALKS AND RAMPS-CCO2	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 SYSTEM	0.00	100%	0.00	0%	100%
102	CANYON LAKE PUMPING-CCO2	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-CC	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	0.00	100%	0.00	0%	100%
	POSITION AND SECURE PUMP					
	CITY 16" PUMP	1,912.25	100%	0.00	0%	100%
	FURNISH DISCHARGE PIPING	7,456.80	100%	0.00	0%	100%
	INSTALL DISCHARGE PIPING	6,696.71	100%	0.00	0%	100%
	OPERATION AND MONITORING					
	OF CITY 16" PUMP	0.00	100%	0.00	0%	100%
	REMOVAL OF PUMPING SYSTEM	1,793.47	100%	0.00	0%	100%
	INSTALL, MAINTENANCE,					
	REMOVAL OF SILT FENCE	60,693.75	100%	0.00	0%	100%
	INSTALL, MAINTENANCE,					
	REMOVAL OF 12" WATTLE	588.00	100%	0.00	0%	100%
	TRANSPORT TO JOB - JERSEY					
	BARRIERS	2,139.97	100%	0.00	0%	100%
	INSTALL JERSEY BARRIERS	3,301.68	100%	0.00	0%	100%
	FURNISH AND INSTALL SAND					
	BAGS	2,121.06	100%	0.00	0%	100%
	REMOVAL OF REINFORCEMENT	2,671.24	100%	0.00	0%	100%
		\$89,374.93		\$0.00		\$89,374.93