CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1
KNOLLWOOD DRAINAGE OUTFALL ELEMENTS 2 AND 20
PROJECT NO. DR04-1390 / CIP NO. 50312
AUGUST 2, 2010
ORIGINAL CONTRACT AMOUNT: $2,120,216.30
CONTRACTOR: R.C.S. CONSTRUCTION, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	$69,000.00	$69,000.00	1.00	$69,000.00	$0.00
2	INCIDENTAL WORK	LS	1.00	$24,000.00	$24,000.00	1.00	$24,000.00	$0.00
3	CONSTRUCTION STAKING	LS	1.00	$9,800.00	$9,800.00	1.00	$9,800.00	$0.00
4	CORNERS	EA	8.00	$120.00	$960.00	8.00	$960.00	$0.00
5	RAILROAD INSURANCE	EA	1.00	$350.00	$350.00	1.00	$350.00	$0.00
6	CLEARING AND GRUBBING	LS	1.00	$1,630.00	$1,630.00	1.00	$1,630.00	$0.00
7	REMOVE CURB STOP AND BOX	EA	2.00	$213.00	$426.00	2.00	$426.00	$0.00
8	REMOVE PIPE CULVERT	LF	81.00	$6.00	$486.00	81.00	$486.00	$0.00
9	REMOVE SILT FENCE	LF	2,654.00	$0.90	$2,388.60	3,435.00	$3,091.50	$702.90
10	REMOVE AC PAVEMENT	SY	991.00	$2.70	$2,675.70	991.00	$2,675.70	$0.00
11	REMOVE PCC PAVEMENT	SY	1,363.00	$3.00	$4,089.00	1,363.00	$4,089.00	$0.00
12	REMOVE FENCE	EA	481.00	$3.00	$1,443.00	481.00	$1,443.00	$0.00
13	RAILING	LF	59.00	$10.00	$590.00	59.00	$590.00	$0.00
14	REMOVE RAILROAD TRACKS	LF	155.00	$5.00	$775.00	155.00	$775.00	$0.00
15	EXCAVATION, UNCLASSIFIED	CY	41,304.00	$5.00	$206,520.00	41,304.00	$206,520.00	$0.00
16	DIGOUTS W/TYPE 4 ROCK	CY	50.00	$21.00	$1,050.00	50.00	$1,050.00	$0.00
17	TOPSOIL, FURNISH & PLACE	CY	278.00	$31.00	$8,618.00	278.00	$8,618.00	$0.00
18	TOPSOIL, PLACE	CY	6,196.00	$3.50	$21,686.00	6,196.00	$21,686.00	$0.00
19	CO-COMPOST	TON	1,688.00	$9.00	$15,192.00	1,688.00	$15,192.00	$0.00
20	FERTILIZING	AC	0.90	$9,400.00	$8,460.00	0.90	$8,460.00	$0.00
21	SEEDING & FERTILIZING	1.00	16.70	$825.00	$13,777.50	16.70	$13,777.50	$0.00
22	MULCHING	AC	27.50	$300.00	$8,250.00	27.50	$8,250.00	$0.00
23	ENCASEMENT	LF	35.00	$30.00	$1,050.00	35.00	$1,050.00	$0.00
24	INSULATION	SY	50.00	$3.00	$150.00	50.00	$150.00	$0.00
25	TYPE I BEDDING MATERIAL	TON	50.00	$19.00	$950.00	50.00	$950.00	$0.00
26	TYPE III FOUNDATION MATERIAL	TON	50.00	$21.00	$1,050.00	50.00	$1,050.00	$0.00
27	6" PVC WATER MAIN C-900, DR18	LF	6.00	$25.00	$150.00	6.00	$150.00	$0.00
28	8" PVC WATER MAIN C-900, DR18	LF	195.00	$29.00	$5,655.00	195.00	$5,655.00	$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
29	8" 45 DEGREE BEND	EA	5.00	$340.00	$1,700.00	5.00	$1,700.00	$0.00
30	8" X 6" REDUCER	EA	2.00	$285.00	$570.00	2.00	$570.00	$0.00
31	8" X 8" X 6" TEE	EA	1.00	$440.00	$440.00	1.00	$440.00	$0.00
32	8" GATE VALVE W/ BOX	EA	1.00	$1,550.00	$1,550.00	1.00	$1,550.00	$0.00
33	BOX & LEAD	EA	1.00	$4,060.00	$4,060.00	1.00	$4,060.00	$0.00
34	1" COPPER SERVICE	LF	61.00	$26.00	$1,586.00	61.00	$1,586.00	$0.00
35	1" TAPPING SADDLE	EA	2.00	$220.00	$440.00	2.00	$440.00	$0.00
36	1" CURB STOP & BOX	EA	2.00	$280.00	$560.00	2.00	$560.00	$0.00
37	RECONNECT WATER SERVICE	EA	2.00	$160.00	$320.00	2.00	$320.00	$0.00
38	MAIN	EA	2.00	$316.00	$632.00	2.00	$632.00	$0.00
39	24" RCP, CLASS III	LF	80.00	$49.00	$3,920.00	124.00	$6,076.00	$2,156.00
40	GASKETED CMP	LF	639.00	$83.00	$53,037.00	639.00	$53,037.00	$0.00
41	42" ALUMINIZED GASKETED CMP	LF	73.00	$115.00	$8,395.00	73.00	$8,395.00	$0.00
42	24" X 21" RCP INCREASER	EA	1.00	$380.00	$380.00	1.00	$380.00	$0.00
43	24" RCP FLARED END	EA	3.00	$730.00	$2,190.00	4.00	$2,920.00	$730.00
44	36" RCP FLARED END	EA	1.00	$1,120.00	$1,120.00	1.00	$1,120.00	$0.00
45	4" DIAMETER PVC DRAIN PIPE	LF	160.00	$9.00	$1,440.00	160.00	$1,440.00	$0.00
46	14' X 7' PRECAST BOX CULVERT	LF	696.00	$955.00	$664,680.00	696.00	$664,680.00	$0.00
47	80 LOADING)	LF	138.00	$1,450.00	$200,100.00	138.00	$200,100.00	$0.00
48	CULVERT	LF	54.00	$1,170.00	$63,180.00	54.00	$63,180.00	$0.00
49	CULVERT END SECTION	EA	1.00	$15,300.00	$15,300.00	1.00	$15,300.00	$0.00
50	DOUBLE 11' X7' CIP INLET	LS	1.00	$15,300.00	$15,300.00	1.00	$15,300.00	$0.00
51	ENERGY DISSIPATER	LS	1.00	$76,600.00	$76,600.00	1.00	$76,600.00	$0.00
52	42" IRRIGATION PIPE BRIDGE	LS	1.00	$13,400.00	$13,400.00	1.00	$13,400.00	$0.00
53	WITH TRASH RACK	LS	1.00	$5,000.00	$5,000.00	1.00	$5,000.00	$0.00
54	VERTICAL DROP STRUCTURE	EA	1.00	$29,000.00	$29,000.00	1.00	$29,000.00	$0.00
55	BOX CULVERT UNDERCUT	CY	1,769.00	$40.00	$70,760.00	1,769.00	$70,760.00	$0.00
56	DRAINAGE FABRIC	SY	4,464.00	$3.00	$13,392.00	4,464.00	$13,392.00	$0.00
57	WATER POLLUTION CONTROL	LS	1.00	$14,800.00	$14,800.00	1.00	$14,800.00	$0.00
58	WATER FOR DUST CONTROL	MGAL	500.00	$16.00	$8,000.00	500.00	$8,000.00	$0.00
59	CLASS 3 RIPRAP	TON	1,950.00	$37.00	$72,150.00	1,950.00	$72,150.00	$0.00
60	STRUCTURE	SY	435.00	$82.00	$35,670.00	435.00	$35,670.00	$0.00
61	GABION	CY	676.00	$140.00	$94,640.00	676.00	$94,640.00	$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
62	SURFACE ROUGHENING	AC	1.60	$1,540.00	$2,464.00	1.60	$2,464.00	$0.00
63	SDDOT TYPE 2	SY	5,090.00	$8.00	$40,720.00	5,090.00	$40,720.00	$0.00
64	SILT FENCE	LF	2,065.00	$5.00	$10,325.00	2,846.00	$14,230.00	$3,905.00
65	ROCK CONSTRUCTION ENTRANCE	TON	200.00	$21.00	$4,200.00	200.00	$4,200.00	$0.00
66	9" WATTLES	LF	1,138.00	$3.25	$3,698.50	1,138.00	$3,698.50	$0.00
67	12" WATTLES	LF	1,200.00	$4.00	$4,800.00	1,200.00	$4,800.00	$0.00
68	SDDOT TYPE 2	SY	4,819.00	$3.00	$14,457.00	4,819.00	$14,457.00	$0.00
69	SCOUR STOP MAT	SY	39.00	$150.00	$5,850.00	39.00	$5,850.00	$0.00
70	AGGREGATE BASE COURSE	TON	384.00	$17.00	$6,528.00	434.00	$7,378.00	$850.00
71	GRAVEL SURFACING, PERMANENT	TON	285.00	$17.00	$4,845.00	285.00	$4,845.00	$0.00
72	TEMPORARY	TON	200.00	$17.00	$3,400.00	200.00	$3,400.00	$0.00
73	AC, CLASS G, TYPE 1 PG64-28	TON	390.00	$100.00	$39,000.00	440.00	$44,000.00	$5,000.00
74	REINFORCED	SY	267.00	$65.00	$17,355.00	267.00	$17,355.00	$0.00
75	SERVICE	LS	1.00	$1,840.00	$1,840.00	1.00	$1,840.00	$0.00
76	SERVICE CONDUIT REMOVAL	EA	85.00	$5.00	$425.00	85.00	$425.00	$0.00
77	TRENCHING	LF	80.00	$31.00	$2,480.00	80.00	$2,480.00	$0.00
78	SUPPORT EXISTING UTILITIES	LS	1.00	$8,200.00	$8,200.00	1.00	$8,200.00	$0.00
79	CONDUIT	LF	85.00	$59.00	$5,015.00	85.00	$5,015.00	$0.00
80	1/C #500MCM COPPER WIRE	LF	340.00	$18.00	$6,120.00	340.00	$6,120.00	$0.00
81	POWER PEDESTAL MATERIALS	LS	1.00	$1,660.00	$1,660.00	1.00	$1,660.00	$0.00
82	METER SOCKET	EA	1.00	$600.00	$600.00	1.00	$600.00	$0.00
83	DISCONNECT SWITCH	EA	1.00	$3,700.00	$3,700.00	1.00	$3,700.00	$0.00
84	CT CABINET	EA	1.00	$2,600.00	$2,600.00	1.00	$2,600.00	$0.00
85	YELLOW	LF	100.00	$1.20	$120.00	100.00	$120.00	$0.00
86	TRAFFIC CONTROL	LS	1.00	$9,900.00	$9,900.00	1.00	$9,900.00	$0.00
87	TRAFFIC CONTROL PLAN	LS	1.00	$350.00	$350.00	1.00	$350.00	$0.00
88	FLAGGING	HR	80.00	$21.00	$1,680.00	80.00	$1,680.00	$0.00
89	COVER CROP SEEDING	AC	10.00	$240.00	$2,400.00	10.00	$2,400.00	$0.00
90	WATER FOR VEGETATION	MGAL	1,000.00	$30.00	$30,000.00	1,000.00	$30,000.00	$0.00
	TOTAL				**$2,120,216.30**		**$2,133,560.20**	**$13,343.90**

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	$2,120,216.30
CCO #1	$13,343.90	NET INCREASE/(DECREASE):	$13,343.90
		ADJUSTED CONTRACT PRICE:	$2,133,560.20
		CHANGE TO DATE:	$13,343.90

RCS Const 8-5-10

CONTRACTOR: RCS Construction, Inc. PO Box 9337, RC, SD 57709 342-3787 DATE

8/5/10

CONSULTANT: Richard Sudmeier, P.E. - FMG Engineering DATE

8/4/10

PROJECT MANAGER: KLARE SCHROEDER, P.E. DATE

8-5-10

CITY ENGINEER: DALE TECH, P.E. / L.S. DATE

MAYOR: ALAN HANKS DATE

FINANCE: ~~JAMES PRESTON~~ Pauline Sumption DATE

CONTRACT TIME CHANGE +/-: 2 days NEW CONTRACT TIME: Completion Date: November 4, 2010

City Staff recommends approval of this Change Order #1 to RCS Construction Inc for an increase of $13,343.90 based on unit pricing with the following appropriation:

Initial Funding	$1,000,000.00	$1,120,216.30				$2,120,216.30
Fund Type	Vision 2012	Drainage				
Department	0135	8911				
Line Item	4371	4371				
Fund	0107	0505				
CCO #1	$0.00	$13,343.90				$13,343.90
Adjusted Funding	$1,000,000.00	$1,133,560.20				$2,133,560.20

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1
KNOLLWOOD DRAINAGE OUTFALL ELEMENTS 2 AND 20
PROJECT NO. DR04-1390 / CIP NO. 50312
AUGUST 2, 2010
ORIGINAL CONTRACT AMOUNT: $2,120,216.30
CONTRACTOR: R.C.S. CONSTRUCTION, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
9	REMOVE SILT FENCE	Additional quantities of silt fence will need to be removed as a result of the increase in additional quantities of silt fence installed for this project in order to comply with storm water pollution control requirements by DENR.
39	24" RCP, CLASS III	Add a 24" RCP across Creek Drive upstream of the Hawthorne Irrigation Ditch Crossing at request of landowner to divert storm water flows from roadway ditch on east side of Creek Drive into new channel being constructed on the west side of Creek Drive.
43	24" RCP FLARED END	A 24" RCP flared end will be placed at the outlet end of the above described 24" RCP crossing Creek Drive.
64	SILT FENCE	Additional quantities of silt fence will be needed to help comply with storm water pollution control needs for this project.
70	AGGREGATE BASE COURSE	Additional aggregate base course will be needed in order to complete the new 24" RCP pipe installation listed in item 39.
73	AC, CLASS G, TYPE 1 PG64-28	Additional asphalt pavement will be needed in order to complete the new 24" RCP pipe installation listed in item 39.

PREPARED BY: Klare Schroeder, P.E.   DATE: August 3, 2010

ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	
	FUNDING TYPE	Vision 2012		Drainage		
	COST CENTER	0135		8911		
	LINE ITEM	4371		4371		
	FUND	0107		0505		
1	MOBILIZATION	0.00	0.00%	0.00	100.00%	100%
2	INCIDENTAL WORK	0.00	0.00%	0.00	100.00%	100%
3	CONSTRUCTION STAKING	0.00	0.00%	0.00	100.00%	100%
4	REESTABLISH PROPERTY CORNE	0.00	0.00%	0.00	100.00%	100%
5	RAILROAD INSURANCE	0.00	0.00%	0.00	100.00%	100%
6	CLEARING AND GRUBBING	0.00	0.00%	0.00	100.00%	100%
7	REMOVE CURB STOP AND BOX	0.00	0.00%	0.00	100.00%	100%
8	REMOVE PIPE CULVERT	0.00	0.00%	0.00	100.00%	100%
9	REMOVE SILT FENCE	0.00	0.00%	702.90	100.00%	100%
10	REMOVE AC PAVEMENT	0.00	0.00%	0.00	100.00%	100%
11	REMOVE PCC PAVEMENT	0.00	0.00%	0.00	100.00%	100%
12	REMOVE FENCE	0.00	0.00%	0.00	100.00%	100%
13	REMOVE AND RESET STEEL RAIL	0.00	0.00%	0.00	100.00%	100%
14	REMOVE RAILROAD TRACKS	0.00	0.00%	0.00	100.00%	100%
15	EXCAVATION, UNCLASSIFIED	0.00	0.00%	0.00	100.00%	100%
16	EXCAVATION, UNCLASSIFIED-DIG	0.00	0.00%	0.00	100.00%	100%
17	TOPSOIL, FURNISH & PLACE	0.00	0.00%	0.00	100.00%	100%
18	TOPSOIL, PLACE	0.00	0.00%	0.00	100.00%	100%
19	CO-COMPOST	0.00	0.00%	0.00	100.00%	100%
20	WETLAND SEEDING & FERTILIZIN	0.00	0.00%	0.00	100.00%	100%
21	SEEDING & FERTILIZING	0.00	0.00%	0.00	100.00%	100%
22	MULCHING	0.00	0.00%	0.00	100.00%	100%
23	WATER MAIN CONCRETE ENCASE	0.00	0.00%	0.00	100.00%	100%
24	SEWER AND WATER MAIN INSUL/	0.00	0.00%	0.00	100.00%	100%
25	TYPE I BEDDING MATERIAL	0.00	0.00%	0.00	100.00%	100%
26	TYPE III FOUNDATION MATERIAL	0.00	0.00%	0.00	100.00%	100%
27	6" PVC WATER MAIN C-900, DR18	0.00	0.00%	0.00	100.00%	100%
28	8" PVC WATER MAIN C-900, DR18	0.00	0.00%	0.00	100.00%	100%

29	8" 45 DEGREE BEND	0.00	0.00%	0.00	100.00%	100%
30	8" X 6" REDUCER	0.00	0.00%	0.00	100.00%	100%
31	8" X 8" X 6" TEE	0.00	0.00%	0.00	100.00%	100%
32	8" GATE VALVE W/ BOX	0.00	0.00%	0.00	100.00%	100%
33	FIRE HYDRANT W/AUX VALVE, BC	0.00	0.00%	0.00	100.00%	100%
34	1" COPPER SERVICE	0.00	0.00%	0.00	100.00%	100%
35	1" TAPPING SADDLE	0.00	0.00%	0.00	100.00%	100%
36	1" CURB STOP & BOX	0.00	0.00%	0.00	100.00%	100%
37	RECONNECT WATER SERVICE	0.00	0.00%	0.00	100.00%	100%
38	CONNECT TO EXISTING WATER M	0.00	0.00%	0.00	100.00%	100%
39	24" RCP, CLASS III	0.00	0.00%	2,156.00	100.00%	100%
40	42" DOUBLE WALLED ALUMINIZED	0.00	0.00%	0.00	100.00%	100%
41	42" ALUMINIZED GASKETED CMP	0.00	0.00%	0.00	100.00%	100%
42	24" X 21" RCP INCREASER	0.00	0.00%	0.00	100.00%	100%
43	24" RCP FLARED END	0.00	0.00%	730.00	100.00%	100%
44	36" RCP FLARED END	0.00	0.00%	0.00	100.00%	100%
45	4" DIAMETER PVC DRAIN PIPE	0.00	0.00%	0.00	100.00%	100%
46	14' X 7' PRECAST BOX CULVERT	0.00	0.00%	0.00	100.00%	100%
47	14' X 7' PRECAST BOX CULVERT (	0.00	0.00%	0.00	100.00%	100%
48	DOUBLE 11' X 7' PRECAST BOX CU	0.00	0.00%	0.00	100.00%	100%
49	DOUBLE 11' X 7' PRECAST BOX CU	0.00	0.00%	0.00	100.00%	100%
50	DOUBLE 11' X7' CIP INLET	0.00	0.00%	0.00	100.00%	100%
51	ENERGY DISSIPATER	0.00	0.00%	0.00	100.00%	100%
52	42" IRRIGATION PIPE BRIDGE	0.00	0.00%	0.00	100.00%	100%
53	42" IRRIGATION PIPE INLET WALL	0.00	0.00%	0.00	100.00%	100%
54	VERTICAL DROP STRUCTURE	0.00	0.00%	0.00	100.00%	100%
55	BOX CULVERT UNDERCUT	0.00	0.00%	0.00	100.00%	100%
56	DRAINAGE FABRIC	0.00	0.00%	0.00	100.00%	100%
57	WATER POLLUTION CONTROL	0.00	0.00%	0.00	100.00%	100%
58	WATER FOR DUST CONTROL	0.00	0.00%	0.00	100.00%	100%
59	CLASS 3 RIPRAP	0.00	0.00%	0.00	100.00%	100%
60	GROUTED RIPRAP DROP STRUCT	0.00	0.00%	0.00	100.00%	100%
61	BANK AND CHANNEL PROTECTIO	0.00	0.00%	0.00	100.00%	100%

62	SURFACE ROUGHENING	0.00	0.00%	0.00	100.00%	100%
63	TURF REINFORCEMENT MAT, SDI	0.00	0.00%	0.00	100.00%	100%
64	SILT FENCE	0.00	0.00%	3,905.00	100.00%	100%
65	ROCK CONSTRUCTION ENTRANC	0.00	0.00%	0.00	100.00%	100%
66	9" WATTLES	0.00	0.00%	0.00	100.00%	100%
67	12" WATTLES	0.00	0.00%	0.00	100.00%	100%
68	EROSION CONTROL BLANKET, SD	0.00	0.00%	0.00	100.00%	100%
69	SCOUR STOP MAT	0.00	0.00%	0.00	100.00%	100%
70	AGGREGATE BASE COURSE	0.00	0.00%	850.00	100.00%	100%
71	GRAVEL SURFACING, PERMANEN	0.00	0.00%	0.00	100.00%	100%
72	GRAVEL SURFACING, TEMPORAR	0.00	0.00%	0.00	100.00%	100%
73	AC, CLASS G, TYPE 1 PG64-28	0.00	0.00%	5,000.00	100.00%	100%
74	PCC DRIVEWAY PAVEMENT, 6" RE	0.00	0.00%	0.00	100.00%	100%
75	DISCONNECT AND RECONNECT S	0.00	0.00%	0.00	100.00%	100%
76	SERVICE CONDUIT REMOVAL	0.00	0.00%	0.00	100.00%	100%
77	TRENCHING	0.00	0.00%	0.00	100.00%	100%
78	SUPPORT EXISTING UTILITIES	0.00	0.00%	0.00	100.00%	100%
79	4" GALVANIZED RIGID STEEL CON	0.00	0.00%	0.00	100.00%	100%
80	1/C #500MCM COPPER WIRE	0.00	0.00%	0.00	100.00%	100%
81	POWER PEDESTAL MATERIALS	0.00	0.00%	0.00	100.00%	100%
82	METER SOCKET	0.00	0.00%	0.00	100.00%	100%
83	400A/600V/4WSN NEMA 3R DISCO	0.00	0.00%	0.00	100.00%	100%
84	CT CABINET	0.00	0.00%	0.00	100.00%	100%
85	PAVEMENT MARKING PAINT, 4" YE	0.00	0.00%	0.00	100.00%	100%
86	TRAFFIC CONTROL	0.00	0.00%	0.00	100.00%	100%
87	TRAFFIC CONTROL PLAN	0.00	0.00%	0.00	100.00%	100%
88	FLAGGING	0.00	0.00%	0.00	100.00%	100%
89	COVER CROP SEEDING	0.00	0.00%	0.00	100.00%	100%
90	WATER FOR VEGETATION	0.00	0.00%	0.00	100.00%	100%
		$0.00		$13,343.90		$13,343.90