

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER # 2  
MISCELLANEOUS IMPROVEMENTS PROJECTS, FACILITY TYPE AND FENCING IMPROVEMENTS**

20-2608 / CIP # 51132.4

4/18/23

ORIGINAL CONTRACT AMOUNT: \$7,358,312.00

CONTRACTOR: PKG CONTRACTING, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
<b>BID SCHEDULE A DIGESTER WASTE GAS FLARE &amp; GAS CONDITIONER SYSTEM IMPROVEMENTS (DRAWING SERIES 10)</b>								
A-1	DIGESTER WASTE GAS FLARE & GAS CONDITIONER SYSTEM IMPROVEMENTS	LS	1.00	\$862,000.00	862,000.00	1.0	\$862,000.00	\$0.00
A-2-CO2	SANDBLAST AND COAT THE TRENCH DRAINS IN THE DIGESTER BUILDING	LS	0.0	\$0.00	-	1.0	\$978.00	\$978.00
<b>BID SCHEDULE B STANDBY GENERATORS REMOVAL AND REPLACEMENT; RBC BLOWER BUILDING MCC AND STARTER REPLACEMENT (DRAWING SERIES 20 AND 40)</b>								
B-1	STANDBY GENERATORS REMOVAL AND REPLACEMENTS; RBC BLOWER BUILDING MCC AND STARTER REPLACEMENT	LS	1.00	\$2,709,000.00	2,709,000.00	1.00	\$2,709,000.00	\$0.00
B-2	COORDINATION WITH MDU FOR NATURAL GAS MAIN INSTALLATION	LS	1.00	\$16,000.00	16,000.00	1.00	\$16,000.00	\$0.00
B-3-CO2	OVEREXCAVATION AT GENERATOR PADS	LS	0.0	\$0.00	-	1.0	\$14,446.00	\$14,446.00
<b>BID SCHEDULE C PRETREATMENT SCREENING BYPASS CHANNEL; GRIT CLASSIFIER IMPROVEMENTS; SEPTAGE COVER AND HATCH REPLACEMENT; AND TRICKLING FILTER PUMP #2</b>								
C-1	PRETREATMENT SCREENING BYPASS CHANNEL; GRIT CLASSIFIER IMPROVEMENTS; SEPTAGE COVER AND HATCH REPLACEMENT; AND TRICKLING FILTER PUMP #2 AND #4 REPLACEMENT	LS	1.00	\$1,820,000.00	1,820,000.00	1.00	\$1,820,000.00	\$0.00
C-2-CO2	DRIP PAN EXTENSION AND CONCRETE CURBING FOR GRIT BELT CONVEYOR	LS	0.0	\$0.00	-	1.0	\$4,878.00	\$4,878.00
C-3-CO2	RELOCATE NPW IN GRIT ROOM WITH STAINLESS STEEL PIPING AND VALVES	LS	0.0	\$0.00	-	1.0	\$3,952.69	\$3,952.69
<b>BID SCHEDULE D GREASE LINE PIPING REPLACEMENT (DRAWING SERIES 60)</b>								
D-1	MOBILIZATION - SCHEDULE D	LS	1.00	\$15,000.00	15,000.00	1.00	\$15,000.00	\$0.00
D-2	INCIDENTALS - SCHEDULE D	LS	1.00	\$5,000.00	5,000.00	1.00	\$5,000.00	\$0.00
D-3*	SAWING, ASPHALT PAVEMENT	LF	455.00	\$4.00	1,820.00	455.00	\$1,820.00	\$0.00
D-4*	SAWING, CONCRETE PAVEMENT / CURB & GUTTER	LF	34.00	\$5.00	170.00	34.00	\$170.00	\$0.00
D-5*	REMOVE AC PAVEMENT	SY	259.00	\$11.00	2,849.00	259.00	\$2,849.00	\$0.00
D-6*	REMOVE CONCRETE CURB & GUTTER	LF	127.00	\$10.00	1,270.00	127.00	\$1,270.00	\$0.00
D-7	EXCAVATION, UNCLASSIFIED-DIGOUTS W/TYPE 4 ROCK	T	40.00	\$75.00	3,000.00	40.00	\$3,000.00	\$0.00
D-8	EXCAVATION, EXPLORATORY	EA	8.00	\$1,120.00	8,960.00	8.00	\$8,960.00	\$0.00
D-9	TOPSOIL, STOCKPILE & REPLACE	CY	48.00	\$24.00	1,152.00	48.00	\$1,152.00	\$0.00
D-10*	SEEDING, FERTILIZING, & MULCHING	SY	317.00	\$4.00	1,268.00	317.00	\$1,268.00	\$0.00
D-11	WATER MAIN CONCRETE ENCASEMENT	EA	3.00	\$1,300.00	3,900.00	3.00	\$3,900.00	\$0.00
D-12	6" DI GLASS LINED GREASE LINE, CLASS 350, RJ	LF	970.00	\$160.00	155,200.00	970.00	\$155,200.00	\$0.00
D-13	8" GREASE LINE CLEANOUT, EXC PLUG VALVE	EA	8.00	\$11,500.00	92,000.00	8.00	\$92,000.00	\$0.00
D-14	8" PLUG VALVE FOR CLEANOUT	EA	8.00	\$4,500.00	36,000.00	8.00	\$36,000.00	\$0.00
D-15	ABANDON IN-PLACE EXISTING GREASE LINE	EA	2.00	\$1,050.00	2,100.00	2.00	\$2,100.00	\$0.00
D-16	6" 22.5 DEGREE BEND, GLASS LINED, RJ	EA	8.00	\$1,035.00	8,280.00	8.00	\$8,280.00	\$0.00
D-17	6" 45 DEGREE BEND, GLASS LINED, RJ	EA	10.00	\$1,750.00	17,500.00	10.00	\$17,500.00	\$0.00
D-18	8" X 8" X 8" WYE, GLASS LINED, RJ	EA	8.00	\$2,850.00	22,800.00	8.00	\$22,800.00	\$0.00
D-19	6"X8" REDUCER, GLASS LINED, RJ	EA	8.00	\$1,090.00	8,720.00	8.00	\$8,720.00	\$0.00
D-20	6" PLUG VALVE W/ BOX, RJ	EA	8.00	\$2,800.00	22,400.00	8.00	\$22,400.00	\$0.00
D-21	GREASE PIPE LINE CONSTRUCTION INSIDE OPERATIONS BUILDING, INCLUDING REMOVALS, 6" FLG, DI GLASS LINED PIPE AND FITTINGS, VALVES, WALL PENETRATIONS AND SEALS, CONNECTION TO PUMP, ETC.	LS	1.00	\$86,500.00	86,500.00	1.00	\$86,500.00	\$0.00



D-22	HOT WATER SYSTEM IN OPERATIONS BUILDING	LS	1.00	\$73,800.00	73,800.00	1.00	\$73,800.00	\$0.00
D-23	GREASE PIPE LINE CONSTRUCTION INSIDE DIGESTER BUILDING, INCLUDING REMOVALS, 6" FLG, DI GLASS LINED PIPE AND FITTINGS, VALVES, PIPE INSTALLATION THROUGH FOUNDATION AND FLOOR, CONNECTION TO EXISTING PIPING, BACKFILLING AND FLOOR REPLACEMENT, ETC.	LS	1.00	\$53,500.00	53,500.00	1.00	\$53,500.00	\$0.00
D-24	MISCELLANEOUS REMOVALS, PROTECTION OF EXISTING RETAINING WALL, AND COORDINATION FOR CONSTRUCTION OF GREASE PIPELINES AT DIGESTER BUILDING.	LS	1.00	\$3,000.00	3,000.00	1.00	\$3,000.00	\$0.00
D-25	9" WATTLES	LF	1,000.00	\$3.00	3,000.00	1,000.00	\$3,000.00	\$0.00
D-26	CONCRETE WASHOUT AREA	EA	1.00	\$1,500.00	1,500.00	1.00	\$1,500.00	\$0.00
D-27*	AGGREGATE BASE COURSE	T	98.00	\$35.00	3,430.00	98.00	\$3,430.00	\$0.00
D-28	AC, CLASS E, TYPE 1 PG64-28	T	101.00	\$170.00	17,170.00	101.00	\$17,170.00	\$0.00
D-29*	CONCRETE CURB & GUTTER, TYPE B6-9	LF	88.00	\$100.00	8,800.00	88.00	\$8,800.00	\$0.00
D-30-C02	CONNECT OWNER F&I SCUM PUMP TO SECOND SCUM PIPELINE	LS	0.0	\$0.00	-	1.0	\$13,760.00	\$13,760.00
D-31-C02	INSTALL 4" PVC CONDUIT IN SAME TRENCH AS THE TWO 6" SCUM LINES FROM INSIDE THE DIGESTER BLDG TO 60 FEET EAST OF THE DIGESTER BLDG	LS	0.0	\$0.00	-	1.0	\$2,189.00	\$2,189.00
<b>BID SCHEDULE E ROBBINSDALE BOOSTER STATION ELECTRICAL SYSTEM UPGRADES (DRAWING SERIES 80)</b>								
E-1	MOBILIZATION - SCHEDULE E	LS	1.00	\$30,000.00	30,000.00	1.00	\$30,000.00	\$0.00
E-2	ROBBINSDALE BOOSTER STATION ELECTRICAL SYSTEM UPGRADES	LS	1.00	\$148,500.00	148,500.00	1.00	\$148,500.00	\$0.00
<b>BID SCHEDULE F SLUDGE HOLDING POND AERATORS/MIXERS REPLACEMENT (DRAWING SERIES 90)</b>								
F-1	SLUDGE HOLDING POND AERATORS/MIXERS REPLACEMENT	LS	1.00	\$274,800.00	274,800.00	1.00	\$274,800.00	\$0.00
<b>BID SCHEDULE G SKYLINE RESERVOIR SECURITY FENCING; SIGNAL HILL VALVE VAULT SECURITY FENCING, AND NORTH RAPID RESERVOIR FENCING (DRAWING SERIES 100)</b>								
G-1	MOBILIZATION - SCHEDULE G	LS	1.00	\$10,000.00	10,000.00	1.00	\$10,000.00	\$0.00
G-2	INCIDENTAL - SCHEDULE G	LS	1.00	\$4,000.00	4,000.00	1.00	\$4,000.00	\$0.00
G-3	REMOVE & SALVAGE FENCE	LF	525.00	\$9.00	4,725.00	525.00	\$4,725.00	\$0.00
G-4	REMOVE & SALVAGE CHAINLINK GATE (VEHICULAR)	EA	1.00	\$350.00	350.00	1.00	\$350.00	\$0.00
G-5	REMOVE & SALVAGE CHAINLINK GATE (MAN)	EA	1.00	\$100.00	100.00	1.00	\$100.00	\$0.00
G-6	REMOVE TREE	EA	18.00	\$500.00	9,000.00	18.00	\$9,000.00	\$0.00
G-7	EXCAVATION, UNCLASSIFIED	CY	115.00	\$16.00	1,840.00	115.00	\$1,840.00	\$0.00
G-8	TOPSOIL, SALVAGE & PLACE	CY	42.00	\$18.00	756.00	42.00	\$756.00	\$0.00
G-9*	SEEDING, FERTILIZING, & MULCHING	SY	330.00	\$4.00	1,320.00	330.00	\$1,320.00	\$0.00
G-10	10' CHAIN LINK FENCE WITH ANTI-CLIMB EXTENSION	LF	1,105.00	\$128.00	141,440.00	1,105.00	\$141,440.00	\$0.00
G-11	DOUBLE 8' WIDE CHAIN LINK SWING GATE WITH ANTI-CLIMB EXTENSIONS	EA	2.00	\$3,000.00	6,000.00	2.00	\$6,000.00	\$0.00
G-12	DOUBLE 6' WIDE CHAIN LINK SWING GATE WITH ANTI-CLIMB EXTENSIONS	EA	2.00	\$2,700.00	5,400.00	2.00	\$5,400.00	\$0.00
G-13	SINGLE 3' WIDE CHAIN LINK SWING GATE WITH ANTI-CLIMB EXTENSIONS	EA	4.00	\$840.00	3,360.00	4.00	\$3,360.00	\$0.00
G-14	CONNECT TO EXISTING CHAINLINK FENCE	EA	4.00	\$100.00	400.00	4.00	\$400.00	\$0.00
G-15	RIPRAP CLASS II	TON	55.00	\$80.00	4,400.00	55.00	\$4,400.00	\$0.00
G-16	TYPE B DRAINAGE FABRIC	SY	100.00	\$4.00	400.00	100.00	\$400.00	\$0.00
G-17*	GRAVEL SURFACING, PERMANENT	TON	72.00	\$52.00	3,744.00	72.00	\$3,744.00	\$0.00
G-18	MAGNESIUM CHLORIDE SURFACE TREATMENT	SY	185.00	\$10.00	1,850.00	185.00	\$1,850.00	\$0.00
G-19*	ARTICULATED CONCRETE BLOCK MATTRESS	SY	28.00	\$120.00	3,360.00	28.00	\$3,360.00	\$0.00
G-20	SPRUCE TREE, BLACKHILLS SPRUCE (6'-8')	EA	1.00	\$750.00	750.00	1.00	\$750.00	\$0.00
G-21	TEMPORARY SECURITY FENCING	LF	100.00	\$20.00	2,000.00	100.00	\$2,000.00	\$0.00
G-22-CO1	EROSION CONTROL BLANKET	SY	65.00	\$8.00	520.00	65.00	\$520.00	\$0.00



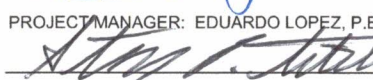


BID SCHEDULE H MAIN ENTRY GATE AND FENCE REALIGNMENT PROJECT AND FENCE REMOVAL (DRAWINGS SERIES 110)								
H-1	MOBILIZATION - SCHEDULE H.	LS	1.00	\$16,000.00	16,000.00	1.00	\$16,000.00	\$0.00
H-2	INCIDENTAL - SCHEDULE H.	LS	1.00	\$8,000.00	8,000.00	1.00	\$8,000.00	\$0.00
H-3	MISCELLANEOUS ELECTRICAL	LS	1.00	\$136,000.00	136,000.00	1.00	\$136,000.00	\$0.00
H-4	REMOVE SALVAGE BARBWIRE FENCE TO OWNER	LF	4,150.00	\$6.00	24,900.00	4,150.00	\$24,900.00	\$0.00
H-5	REMOVE & SLAVAGE CHAINLINK FENCE TO OWNER	LF	960.00	\$12.00	11,520.00	960.00	\$11,520.00	\$0.00
H-6	REMOVE & SALVAGE CHAINLINE GATE TO OWNER (VEHICULAR)	EA	4.00	\$350.00	1,400.00	4.00	\$1,400.00	\$0.00
H-7	REMOVE AND RESET SIGN WITH NEW POST	EA	2.00	\$1,200.00	2,400.00	2.00	\$2,400.00	\$0.00
H-8	REMOVE CATTLE GUARD AND FOUNDATION	EA	1.00	\$500.00	500.00	1.00	\$500.00	\$0.00
H-9	REMOVE LIGHT POLE AND FOOTING	EA	1.00	\$500.00	500.00	1.00	\$500.00	\$0.00
H-10	REMOVE AC PAVEMENT	SY	715.00	\$12.00	8,580.00	715.00	\$8,580.00	\$0.00
H-11*	REMOVE CONCRETE CURB & GUTTER	LF	11.00	\$45.00	495.00	11.00	\$495.00	\$0.00
H-12	EXCAVATION, UNCLASSIFIED	CY	140.00	\$15.00	2,100.00	140.00	\$2,100.00	\$0.00
H-13	UNDERCUT	CY	10.00	\$20.00	200.00	10.00	\$200.00	\$0.00
H-14*	SEEDING, FERTILIZING, & MULCHING	SY	165.00	\$4.00	660.00	165.00	\$660.00	\$0.00
H-15	20' CATTLE GUARD WITH WINGS	EA	1.00	\$14,150.00	14,150.00	1.00	\$14,150.00	\$0.00
H-16	10' CHAIN LINK FENCE WITH ANTI-CLIMB EXTENSION	LF	1,050.00	\$100.00	105,000.00	1,050.00	\$105,000.00	\$0.00
H-17	SINGLE 8' WIDE CHAIN LINK SWING GATE WITH ANTI-CLIMB EXTENSION	EA	1.00	\$1,500.00	1,500.00	1.00	\$1,500.00	\$0.00
H-18	SINGLE 3' WIDE CHAIN LINK SWING GATE WITH ANTI-CLIMB EXTENSIONS	EA	1.00	\$840.00	840.00	1.00	\$840.00	\$0.00
H-19	CONNECT TO EXISTING CHAINLINK FENCE	EA	2.00	\$100.00	200.00	2.00	\$200.00	\$0.00
H-20	TYPE 2 RIGHT-OF-WAY FENCE	LF	120.00	\$10.00	1,200.00	120.00	\$1,200.00	\$0.00
H-21	HYRAULIC VERTICAL PIVOTING GATES	EA	2.00	\$57,000.00	114,000.00	2.00	\$114,000.00	\$0.00
H-21.1-CO1	INCREASE HEIGHT OF PIVOT GATES AT THE WRF TO MATCH THE NEW CHAIN-LINK FENCE WITH ANTI-CLIMB	LS	1.00	\$1,431.00	1,431.00	1.00	\$1,431.00	\$0.00
H-22	TYPE B DRAINAGE FABRIC	SY	670.00	\$3.00	2,010.00	670.00	\$2,010.00	\$0.00
H-23*	AGGREGATE BASE COURSE	T	330.00	\$42.00	13,860.00	330.00	\$13,860.00	\$0.00
H-24	GEOGRID	SY	670.00	\$4.00	2,680.00	670.00	\$2,680.00	\$0.00
H-25*	AC, CLASS E, TYPE 1 PG64-28	T	275.00	\$145.00	39,875.00	275.00	\$39,875.00	\$0.00
H-26*	CONCRETE CURB & GUTTER, TYPE B6-6	LF	22.00	\$69.00	1,518.00	22.00	\$1,518.00	\$0.00
H-27	TRAFFIC SIGN AND POST	EA	8.00	\$500.00	4,000.00	8.00	\$4,000.00	\$0.00
H-28	INFORMATIONAL SIGN	EA	2.00	\$570.00	1,140.00	2.00	\$1,140.00	\$0.00
H-29	ROADWAY LIGHT WITH POLE AND FOOTING	EA	2.00	\$11,000.00	22,000.00	2.00	\$22,000.00	\$0.00
H-30	PAVEMENT MARKING PAINT, 4" WHITE	LF	500.00	\$5.00	2,500.00	500.00	\$2,500.00	\$0.00
H-31	TEMPORARY SECURITY FENCING	LF	100.00	\$20.00	2,000.00	100.00	\$2,000.00	\$0.00
BID SCHEDULE I UV BUILDING HVAC IMPROVEMENTS (DRAWING SERIES 120)								
I-1	UV BUILDING HVAC IMPROVEMENTS	LS	1.00	\$91,000.00	91,000.00	1.00	\$91,000.00	\$0.00
I-2-CO1	MOVE EXISTING LIGHT FIXTURES AND ELECTRICAL JUNCTION BOX TO PROVIDE ROOM TO INSTALL HVAC DUCTWORK	LS	1.00	\$842.00	842.00	1.00	\$842.00	\$0.00
I-3-CO1	MODIFY NEW HVAC DUCTWORK LATERAL AT THE VFDS TO MAKE REMOVABLE AND PROVIDE NEW LIGHT FIXTURES AT ENTRANCE CORRIDOR TO ALLOW SPACE FOR DUCTWORK	LS	1.00	\$4,598.00	4,598.00	1.00	\$4,598.00	\$0.00
CENTRATE PIPING AND VALVE MODIFICATIONS								
J-1-CO1	MODIFY EXISTING CENTRATE PIPING AND VALVES TO ALLOW USE OF EXISTING THICKENED SLUDGE PUMP TO TRANSFER CENTRATE	LS	1.00	\$17,422.00	17,422.00	1.00	\$17,422.00	\$0.00
J-2-CO2	REPLACE PVC CLEANOUT ON CENTRATE LINE IN SOLIDS HANDLING BUILDING	LS	0.0	\$0.00	-	1.0	\$3,702.00	\$3,702.00
<b>TOTAL</b>					<b>\$7,383,125.00</b>		<b>\$7,427,030.69</b>	<b>\$43,905.69</b>

CHANGES TO MILESTONE CONTRACT TIME AND CONTRACT REQUIREMENTS								
LINE ITEM	DESCRIPTION	CURRENT MILESTONE DATE	DAYS (+/-)	ADJUSTED MILESTONE DATE	OVERALL CONTRACT COMPLETION DATE	DAYS (+/-)	ADJUSTED CONTRACT COMPLETION DATE	
1-CO2	EXTEND MILESTONE COMPLETION DATE FOR STANDBY GENERATORS REMOVAL AND REPLACEMENT (SCHEDULE B) FROM OCTOBER 31, 2023 TO DECEMBER 4, 2023.	10/31/2023	34	Mon, 12/04/23	10/31/2023	34	Mon, 12/04/23	
2-CO2	EXTEND MILESTONE COMPLETION DATE FOR GRIT CLASSIFIER IMPROVEMENTS (SCHEDULE C) FROM AUGUST 4, 2023 TO AUGUST 18, 2023.	8/4/2023	14	Fri, 08/18/23	10/31/2023	0	Tue, 10/31/23	
3-CO2	EXTEND MILESTONE COMPLETION DATE FOR TRICKLING FILTER PUMPS(SCHEDULE C) FROM MARCH 1, 2023 TO SEPTEMBER 4, 2023.	3/1/2023	187	Mon, 09/04/23	10/31/2023	0	Tue, 10/31/23	
4-CO2	EXTEND MILESTONE COMPLETION DATE FOR ROBBINSDALE BOOSTER STATION (SCHEDULE E) FROM SEPTEMBER 30, 2023 TO DECEMBER 4, 2023.	9/30/2023	65	Mon, 12/04/23	10/31/2023	34	Mon, 12/04/23	
5-CO2	EXTEND MILESTONE COMPLETION DATE FOR SLUDGE HOLDING POND AERATORS/MIXERS REPLACEMENT (SCHEDULE F) FROM JUNE 30, 2023 TO AUGUST 7, 2023.	6/30/2023	38	Mon, 08/07/23	10/31/2023	0	Tue, 10/31/23	



C.C.O. HISTORY INCREASE/(DECREASE)	CCO #1	\$24,813.00	PRIOR ADJUSTED CONTRACT PRICE :	\$7,383,125.00
	CCO #2	\$43,905.69	NET INCREASE/(DECREASE):	\$43,905.69
			ADJUSTED CONTRACT PRICE:	\$7,427,030.69
			CHANGE TO DATE:	\$68,718.69

	CONTRACTOR:	PKG CONTRACTING, INC.	DATE	4-18-23
	PROJECT MANAGER:	EDUARDO LOPEZ, P.E.	DATE	4/18/23
	ASSISTANT PUBLIC WORKS DIRECTOR:	STACEY TITUS, P.E.	DATE	4/18/23
	MAYOR:	STEVE ALLENDER	DATE	
	FINANCE:	DANIEL AINSLIE	DATE	
CONTRACT TIME CHANGE +/-: 0 Days		NEW CONTRACT TIME:	04/01/2024	

City Staff recommends approval of this Change Order #2 to PKG Contracting, Inc. for an increase of \$43,905.69 based the following appropriation:

Initial Funding	\$6,974,617.00	\$383,695.00			\$7,358,312.00
Fund Type	Water Reclamatio	Water			
Department	0116	0116			
Line Item	4390	4390			
Fund	0102	0102			
CCO #1	\$24,293.00	\$520.00			\$24,813.00
CCO #2	\$43,905.69	\$0.00			\$43,905.69
Adjusted Funding	\$7,042,815.69	\$384,215.00		\$0.00	\$7,427,030.69

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER # 2  
 MISCELLANEOUS IMPROVEMENTS PROJECTS, FACILITY TYPE AND FENCING IMPROVEMENTS  
 20-2608 / CIP # 51132.4  
 4/18/23  
 ORIGINAL CONTRACT AMOUNT: \$7,358,312.00  
 CONTRACTOR: PKG CONTRACTING, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
A-2-CO2	SANDBLAST AND COAT THE TRENCH DRAINS IN THE DIGESTER BUILDING	THE TRENCH DRAINS WERE SANDBLASTED AND COATED FOR ADDITIONAL PROTECTION FROM CORROSION THAT MAY RESULT FROM THE ENVIRONMENT IN THE DIGESTER BUILDING OR FROM A FERRIC CHLORIDE LEAK.
B-3-CO2	OVEREXCAVATION AT GENERATOR PADS	BASED ON A TEST HOLE AT THE LOCATION FOR THE GENERATOR PADS AND EXAMINATION OF THE EXISTING SUBGRADE CONDITIONS BY FMG IT WAS DETERMINED THAT FOUNDATION IMPROVEMENTS WERE NEEDED TO MINIMIZE SETTLEMENT OF THE GENERATOR PAD. RECOMMENDED FOUNDATION IMPROVEMENTS INCLUDED 2 FEET OVEREXCAVATION AND PLACEMENT OF DRAINAGE FABRIC AND CLASS 3 SUB-BASE MATERIALS UNDER THE GENERATOR FOUNDATION.
C-2-CO2	DRIP PAN EXTENSION AND CONCRETE CURBING FOR GRIT BELT CONVEYOR	THE BELT CONVEYOR THAT WILL CONVEY DEWATERED GRIT FROM THE GRIT CLASSIFIERS INCLUDES A DRAIN PAN UNDER THE CONVEYOR TO CATCH ANY WATER THAT DRIPS OVER THE TOP OF THE BELT. THE LOW END OF THE DRAIN PAN DISCHARGES NEAR THE BACK END OF THE CONVEYOR. A FLOOR DRAIN WITH CONCRETE CURB AND SHORT EXTENSION OF THE DRAIN PAN IS BEING ADDED TO DIRECT THE DRAINAGE FROM THE DRIP PAN DIRECTLY INTO THE INFLUENT CHANNEL OF THE GRIT CHAMBER TO KEEP THE FLOOR DRY AND CLEAN.
C-3-CO2	RELOCATE NPW IN GRIT ROOM WITH STAINLESS STEEL PIPING AND VALVES	THE DRAWINGS CALLED OUT FOR THE NON-POTABLE WATER (NPW) LINE IN THE GRIT BUILDING TO BE RELOCATED FOR CONSTRUCTION OF THE SUSPENDED SLAB. THE DRAWINGS INDICATED THE USE OF SCHEDULE 80 PVC PIPE FOR THE NPW RELOCATION. THE DECISION WAS MADE TO RELOCATE THE NPW LINE WITH STAINLESS STEEL PIPE TO MATCH THE EXISTING NPW PIPING IN THE BUILDING. THIS COST CHANGE IS FOR THE DIFFERENCE IN COST BETWEEN STAINLESS STEEL PIPE AND SCHEDULE 80 PVC PIPE.
D-30-CO2	CONNECT OWNER F&I SCUM PUMP TO SECOND SCUM PIPELINE	THE CITY WRF OPERATIONS STAFF WILL BE PURCHASING AND INSTALLING A NEW SCUM PUMP FOR REDUNDANCY TO REPLACE A SCUM PUMP THAT HAS NOT BEEN IN SERVICE FOR SEVERAL YEARS. PIPING, FITTINGS, AND A VALVE ARE BEING ADDED SO THAT THIS REDUNDANT SCUM PUMP IS CONNECTED TO BOTH OF THE TWO SCUM PIPELINES THAT DIRECT SCUM TO THE DIGESTERS.
D-31-CO2	INSTALL 4" PVC CONDUIT IN SAME TRENCH AS THE TWO 6" SCUM LINES FROM INSIDE THE DIGESTER BLDG TO 60 FEET EAST OF THE DIGESTER BLDG	AS PART OF THE NEXT WRF EXPANSION PHASE, FERRIC CHLORIDE WILL BE FED TO THE ANAEROBIC DIGESTERS FROM A NEW FERRIC FEED SYSTEM LOCATED IN THE EXISTING SOLIDS HANDLING BUILDING. CONDUIT WILL NEED TO BE RUN FROM THE NEW FERRIC FEED SYSTEM TO THE DIGESTER BUILDING FOR PULLING AND CONTAINMENT OF THE FERRIC FEED LINES. TO ELIMINATE EXCAVATING UNDER THE DIGESTER BUILDING AND REMOVING PAVEMENT IN FRONT OF THE DIGESTER BUILDING IN THE NEXT WRF EXPANSION PROJECT, PVC CONDUIT WILL BE LAYED IN THE TRENCH WITH THE GREASE PIPELINES INSTALLED AS PART OF THIS MIPS PROJECT FOR USE IN PULLING THE FERRIC FEED TUBING INTO THE DIGESTER BUILDING
J-2-CO2	REPLACE PVC CLEANOUT ON CENTRATE LINE IN SOLIDS HANDLING BUILDING	MODIFICATIONS TO THE EXISTING CENTRATE PIPING AND VALVES TO ALLOW USE OF THE EXISTING THICKENED SLUDGE PUMP TO TRANSFER CENTRATE WERE ADDED IN CHANGE ORDER NO. 1. FOLLOWING THE PIPING MODIFICATIONS IT WAS DETERMINED THAT THE CLEANOUT DOWNSTREAM OF THE MODIFIED PIPING AND VALVES WAS NOT PRESSURE RATED FOR PUMPING AND NEEDED TO BE REPLACED.



1-CO2	EXTEND MILESTONE COMPLETION DATE FOR STANDBY GENERATORS REMOVAL AND REPLACEMENT (SCHEDULE B) FROM OCTOBER 31, 2023 TO DECEMBER 4, 2023.	DUE TO SUPPLY CHAIN DELAYS, THE ELECTRICAL SWITCHGEAR FOR THE STANDBY GENERATORS- WILL NOT BE DELIVERED UNTIL SEPTEMBER 25, 2023. PER LETTER FROM PKG DATED FEBRUARY 7, 2023 WITH EMAILS FROM SUPPLIERS ATTACHED AND EMAIL FROM MUTH ELECTRIC TO PKG DATED FEBRUARY 1, 2023.
2-CO2	EXTEND MILESTONE COMPLETION DATE FOR GRIT CLASSIFIER IMPROVEMENTS (SCHEDULE C) FROM AUGUST 4, 2023 TO AUGUST 18, 2023.	EXTENSION IN THE CONTRACT MILESTONE DATE WILL BE GRANTED IN CONSIDERATION OF THE EXTRA WORK FOR THE DRIP PAN EXTENSION AND CONCRETE CURBING FOR THE GRIT BELT CONVEYOR, PER ITEM C-2-CO2.
3-CO2	EXTEND MILESTONE COMPLETION DATE FOR TRICKLING FILTER PUMPS(SCHEDULE C) FROM MARCH 1, 2023 TO SEPTEMBER 4, 2023.	DUE TO SUPPLY CHAIN DELAYS, THE TRICKLING FILTER PUMPS WILL NOT BE DELIVERED UNTIL END OF JUNE 8, 2023. PER LETTER FROM PKG DATED FEBRUARY 7, 2023 WITH EMAILS FROM SUPPLIERS AND EMAIL FROM CASCADE PUMP COMPANY TO PKG DATED JANUARY 27, 2023..
4-CO2	EXTEND MILESTONE COMPLETION DATE FOR ROBBINSDALE BOOSTER STATION (SCHEDULE E) FROM SEPTEMBER 30, 2023 TO DECEMBER 4, 2023.	DUE TO SUPPLY CHAIN DELAYS, THE ELECTRICAL EQUIPMENT FOR THE ROBBINSDALE BOOSTER STATION WILL NOT BE DELIVERED UNTIL APRIL 7, 2023 PER LETTER FROM PKG DATED FEBRUARY 7, 2023. THEN WORK ON THE ROBBINSDALE BOOSTER STATION IS NOT ALLOWED DURING THE HIGH DEMAND PERIOD FROM MAY 1ST TO SEPTEMBER 30TH.
5-CO2	EXTEND MILESTONE COMPLETION DATE FOR SLUDGE HOLDING POND AERATORS/MIXERS REPLACEMENT (SCHEDULE F) FROM JUNE 30, 2023 TO AUGUST 7, 2023.	DUE TO SUPPLY CHAIN DELAYS, THE AERATION EQUIPMENT WILL NOT BE DELIVERED UNTIL JUNE 15, 2023. PER LETTER FROM PKG DATED FEBRUARY 7, 2023 WITH EMAILS FROM SUPPLIERS AND EMAIL FROM VESSCO TO PKG DATED FEBRUARY 6, 2023..

PREPARED BY: Eduardo Lopez

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