

★ Roll Call Number

Agenda Item Number

7

Date March 25, 2013

APPROVING CHANGE ORDER NO. 19 WITH CORELL CONTRACTOR, INC. FOR ADDITIONAL WORK ON THE RIVERPOINT TRUNK SEWER SEPARATION AND PUMP STATIONS FOR A TOTAL NOT TO EXCEED \$110,547.36

BE IT RESOLVED by the City Council of the City of Des Moines, Iowa, that the attached Change Order No. 19 between the City of Des Moines and Corell Contractor Inc., Grant S. Corell, President, 1300 Lincoln Street, West Des Moines, IA, 50265, for additional work on the Riverpoint Trunk Sewer Separation and Pump Stations, in an amount not to exceed \$110,547.36, including an extension of the project's completion date to May 15, 2013, be and is hereby approved, and the City Manager is authorized and directed to execute said change order.

(Council Letter Number 13-137 attached)

Activity ID 07-2010-005

Moved by _____ to adopt.

FORM APPROVED: Kathleen Vanderpool Deputy City Attorney

Funding Source: 2013-2014 CIP, Page Sanitary-14, Riverpoint Trunk Separation and Pump Station, SAE123, Being: \$1,250,000 targeted I-JOBS funds with the remaining \$2,704,315.04 from Des Moines Sanitary Sewer Funds

JB

Table with 5 columns: COUNCIL ACTION, YEAS, NAYS, PASS, ABSENT. Rows include COWNIE, COLEMAN, GRIESS, HENSLEY, MAHAFFEY, MEYER, MOORE, TOTAL, MOTION CARRIED, APPROVED, Mayor.

CERTIFICATE

I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk



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CHANGE ORDER AGREEMENT NO. 19

Date: March 12, 2013

INITIATED BY: Engineering

Contractor: Corell Contractor, Inc.

Project: Riverpoint Trunk Sewer Separation and Pump Stations

Activity ID: 07-2010-005

DESCRIPTION OF CHANGE ORDER AND PURPOSE

This change order will adjust quantities to final as-built quantities (except Div. 3 sodding). Also while excavating the wet well at the Riverpoint Pump Station, buried railroad tracks and numerous wooden pilings were discovered. Additional work was needed to remove these obstructions. This delayed excavation and increased the time associated with dewatering (daily system rental and fuel). The sanitary sewer installed by directional boring near Principal Park was not in compliance with the tolerances required by the specifications. The sanitary sewer was determined to be acceptable, however, a price adjustment for not meeting specifications has been established. Some minor restoration is the only work remaining on this project. This work can't be accomplished until spring, therefore the project's completion date shall be extended to May 15, 2013.

SETTLEMENT FOR COST OF CHANGED WORK

A. CHANGE OF PLANS TO BE INCLUDED IN AS-BUILT MEASUREMENT OF CONTRACT ITEMS:

ITEM	DESCRIPTION	UNITS	UNIT PRICE	AMOUNT
1.08	Remove and Replace Storm Sewer	-12.0000 LF	\$138.00	(\$1,656.00)
1.10	Turf Reinforcement Mat	55.9400 SY	\$15.00	\$839.10
1.11	Flow Transition Mat	16.5500 SY	\$145.00	\$2,399.75
1.12	Temporary Erosion Mat	-3,127.3300 SY	\$3.00	(\$9,381.99)
1.17	Trench Stabilization	-48.0000 CY	\$36.00	(\$1,728.00)
1.19	6" Force Main	-5.0000 LF	\$103.00	(\$515.00)
1.20	Video Inspection	-10.0000 LF	\$8.00	(\$80.00)
1.22	Core Out Excavation	260.0000 CY	\$15.50	\$4,030.00
1.23	Select Backfill	-100.0000 CY	\$24.00	(\$2,400.00)
1.24	Drill and Dowel Pavement	2.0000 LF	\$16.00	\$32.00
1.27	Seeding and Fertilizing	-0.1200 ACRE	\$3,660.00	(\$439.20)
1.28	Hydromulching	-0.2300 ACRE	\$1,500.00	(\$345.00)
1.29	Silt Fence	276.0000 LF	\$2.10	\$579.60
1.30	Silt Fence Removal	276.0000 LF	\$0.50	\$138.00
1.33	Tree Protection Fence	-240.0000 LF	\$2.10	(\$504.00)

2.08	Plugging of Abandoned 3'x4' Combined Sewer (Sheet D2.06)	-1.0000 EACH	\$2,500.00	(\$2,500.00)
2.12	Rip Rap, Class E	19.6500 TON	\$44.00	\$864.60
2.13	6" PVC Sanitary Sewer (Open Cut)	11.0000 LF	\$115.00	\$1,265.00
2.15	12" PVC Sanitary Sewer (Open Cut)	-27.0000 LF	\$116.00	(\$3,132.00)
2.16	8" PVC Sanitary Sewer (Directionally Drilled)	12.5000 LF	\$169.00	\$2,112.50
2.18	Trench Stabilization	-150.0000 CY	\$36.50	(\$5,475.00)
2.21	6" PVC Force Main, Open Cut	-4.0000 LF	\$121.00	(\$484.00)
2.24	Video Inspection	-46.0000 LF	\$2.00	(\$92.00)
2.25	Core Out Excavation	-140.0000 CY	\$22.00	(\$3,080.00)
2.26	Select Backfill	-140.0000 CY	\$24.50	(\$3,430.00)
2.27	Sidewalk, HMA, 6" - 1/2" 300K ESAL Surface PG58-28	-28.3000 SY	\$66.50	(\$1,881.95)
2.28	Sidewalk, PCC, 6"	285.2600 SY	\$61.00	\$17,400.86
2.29	Grind Down Curb and Gutter	-42.0000 LF	\$26.50	(\$1,113.00)
2.30	Pavement Removal	69.9500 SY	\$9.50	\$664.53
2.32	Sodding	6.0800 SQ	\$36.00	\$218.88
2.33	Silt Fence	251.0000 LF	\$2.10	\$527.10
2.34	Silt Fence Removal	251.0000 LF	\$0.50	\$125.50
2.36	Tree Protection Fence	-61.0000 LF	\$2.10	(\$128.10)
3.02	Project Sign (Large - I Jobs)	-1.0000 EACH	\$900.00	(\$900.00)
3.08	Removal of Existing Storm Structure	-1.0000 EACH	\$1,350.00	(\$1,350.00)
3.09	Removal of Existing Storm Sewer <36"	-64.0000 LF	\$43.50	(\$2,784.00)
3.12	Sewer, Class 3 RCP Storm, 30"	-5.0000 LF	\$156.00	(\$780.00)
3.18	Subdrain, Longitudinal, 6"	25.0000 LF	\$18.00	\$450.00
3.22	Connection to Existing Sanitary Sewers	-1.0000 EACH	\$2,000.00	(\$2,000.00)
3.23	6" PVC Sanitary Sewer Service	2.0000 LF	\$178.00	\$356.00
3.24	8" PVC Sanitary Sewer	-6.0000 LF	\$145.00	(\$870.00)
3.25	15" PVC Sanitary Sewer	9.0000 LF	\$285.00	\$2,565.00
3.26	Sanitary Manhole, 48" Type A Modified	-1.0000 EACH	\$5,200.00	(\$5,200.00)
3.27	Trench Stabilization	-254.0000 CY	\$36.00	(\$9,144.00)
3.28	Video Inspection	-12.5000 LF	\$2.00	(\$25.00)
3.29	Drop Connection	-1.0000 EACH	\$2,600.00	(\$2,600.00)
3.30	Boring 16" Dia. Steel Casing	27.0000 LF	\$705.00	\$19,035.00
3.31	Core Out Excavation	1,020.6000 CY	\$27.50	\$28,066.50
3.32	Select Backfill	411.0000 CY	\$27.00	\$11,097.00
3.33	Flyash	-100.0000 TON	\$113.50	(\$11,350.00)

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3.34	Subgrade Preparation	-71.6800 SY	\$8.00	(\$573.44)
3.35	Modified Subbase	6.8600 SY	\$9.00	\$61.74
3.36	Standard PCC Pavement, Class C Mix, 10"	248.1200 SY	\$61.00	\$15,135.32
3.37	Standard PCC Pavement, Class C Mix, 7"	198.0300 SY	\$47.25	\$9,356.92
3.38	Drill and Dowel Pavement	200.0000 LF	\$8.50	\$1,700.00
3.39	Sidewalk, PCC, 4"	-63.4502 SY	\$33.50	(\$2,125.58)
3.40	Sidewalk, PCC, 6"	64.6700 SY	\$42.00	\$2,716.14
3.41	Detectable Warnings, Truncated Domes	-21.0000 SF	\$50.50	(\$1,060.50)
3.42	Driveway, PCC, 9"	16.2300 SY	\$52.50	\$852.08
3.44	HMA, (3M ESAL) 1/2" Surface, PG 64-22	320.9500 SY	\$14.50	\$4,653.78
3.45	Granular Surfacing, Class A Crushed Stone	-44.6000 TON	\$49.00	(\$2,185.40)
3.46	Pavement Removal	435.4900 SY	\$11.50	\$5,008.14
3.47	Sidewalk Removal	12.7100 SY	\$7.75	\$98.50
3.50	Painted Pavement Markings	1.1400 STA	\$231.00	\$263.34
3.52	Silt Fence	-276.0000 LF	\$2.10	(\$579.60)
3.53	Silt Fence Removal	-276.0000 LF	\$0.50	(\$138.00)
3.54	Inlet Protection Device, Furnish, Install, and Remove	4.0000 EACH	\$180.00	\$720.00
3.55	Type "I" Inlet Filter	-4.0000 EACH	\$250.00	(\$1,000.00)
3.57	Tree Protection Fence	-354.0000 LF	\$2.10	(\$743.40)
NET CHANGE PART A				\$49,558.72

B. ITEMS FOR WHICH CONTRACT UNIT PRICES ARE NOT ESTABLISHED:

ITEM	DESCRIPTION	UNITS	UNIT PRICE	AMOUNT
1.51	Remove Buried RR Tracks & Piling	1.0000 LS	\$54,288.94	\$54,288.94
1.52	Additional Dewatering	1.0000 LS	\$37,099.70	\$37,099.70
2.53	Sanitary Sewer Bore Credit	1.0000 LS	(\$30,400.00)	(\$30,400.00)
NET CHANGE PART B				\$60,988.64

TOTAL \$110,547.36

Original Contract Amount \$3,371,652.94
 Previous Change Orders \$472,114.74
 Amount of Change By This Change Order \$110,547.36
 New Contract Amount Including This Change Order \$3,954,315.04
 Percentage of Change Orders to Original Contract 17.28%

Matthew D Becker 3-13-13
 Matthew Becker, P.E. Date
 Civil Engineer 2
[Signature] 3/13/13
 Corell Contractor, Inc. Date

JEB Brewer 3/13/13
 Jeb E. Brewer, P.E. Date
 Des Moines City Engineer

 Richard A. Clark Date
 City Manager

 Roll Call No. Date

Distribution: Original - Project File
 Copy - Prime Contractor
 Copy - Contract Compliance
 Copy - Finance Department
 Copy - Inspection

Copy - Matthew Becker, P.E.
 Civil Engineer 2

FUNDING INFORMATION			
Index Code		Reviewer	<u>AJA DJL</u>
CIP Page	SAE-13	Adequate	<u>X</u>
Account	543040	Transfer \$	_____
Fund	EN104	Account	_____
Organization	PWK990000	Fund	_____
Project	SAE123	Organization	_____
Activity ID	07-2010-005	Project	_____

Adjust quantities to final as-built quantities and add removal unknown subsurface objects & additional dewatering due to these removals.