*	Roll Call Number	

Agenda	Item Number
Ö	Q

Date February 21, 2022

APPROVING CHANGE ORDER NO. 7 WITH MPS ENGINEERS, P.C., d/b/a KINGSTON SERVICES, P.C., FOR ADDITIONAL WORK ON MARKET DISTRICT SANITARY SEWER AND FORCE MAIN, IN THE AMOUNT OF \$100,398.60

BE IT RESOLVED by the City Council of the City of Des Moines, Iowa, that the attached Change Order No. 7 between the City of Des Moines and MPS Engineers, P.C. d/b/a Kingston Services, P.C., Umesh G. Shetye, President, 1444 Illinois Street, Des Moines, Iowa, 50314, for additional work on Market District Sanitary Sewer and Force Main, in the amount of \$100,398.60, be and is hereby approved, and the City Manager is authorized and directed to execute said change order.

(City Council Communication Number **22-D59** attached)
Activity ID 07-2019-010

Moved by	Satto	to adopt.	Second by	Poesen
-			•	

FORM APPROVED: s/Kathleen Vanderpool

Kathleen Vanderpool Deputy City Attorney

Funding Source: 2021-22 CIP, Page 99, Market District Lift Station and Force Main, SS140, Tax Increment Funding Bonds

	COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
	COWNIE	V			
	BOESEN				
	GATTO	V			
	MANDELBAUM	V			
	SHEUMAKER	L			
	VOSS	V			
	WESTERGAARD	V			
	TOTAL	1			
I	IOTION CARRIED		1	APP	ROVED

CERTIFICATE

I, P. Kay Cmelik, 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.

May Cmelik City Clerk

ENGINEERING DEPARTMENT CITY OF DES MOINES, IOWA



CHANGE ORDER AGREEMENT NO. 7

Date:

January 20, 2022

INITIATED BY: Engineering

Contractor: MPS Engineers, P.C. dba Kingston Services, P.C.

Project:

Market District Sanitary Sewer and Force Main Activity ID: 072019010

DESCRIPTION OF CHANGE ORDER AND PURPOSE

This change order adjusts plan quantities to as-built quantities. This change order does not include any modifications to the contract completion provisions.

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
3	Excavation, Class 10	65.00 CY	\$78.00	\$5,070.00
4	Subgrade Preparation, 6 IN. Depth (27685)	-520.00 SY	\$7.00	(\$3,640.00)
5	Subbase, Modified (27287)	232.00 TON	\$48.00	\$11,136.00
6	Sanitary Sewer Gravity Main, Trenched, DIP, 10"	19 .0 0 LF	\$212.00	\$4,028.00
7	Sanitary Sewer Gravity Main, Trenched, PVC SDR 26, 12"	-249.00 LF	\$198.00	(\$49,302.00)
8	Sanitary Sewer, Gravity Main, Trenched, PVC SDR 26, 15"	333.00 LF	\$226.00	\$75,258.00
11	Sanitary Sewer Force Main, Trenched, PVC, 10" (23075)	-6.00 LF	\$54.00	(\$324.00)
13	Sanitary Sewer Force Main with Casing Pipe, Trenchless, PVC, 10"	7.00 LF	\$735.00	\$5,145.00
14	Sanitary Sewer Service Relocation	1.00 EACH	\$1,850.00	\$1,850.00
16	Removal of Sanitary Sewer, VCP, 10"	62.00 LF	\$32.00	\$1,984.00
17	Sanitary Sewer Abandonment, Fill and Plug, 10"	-21.00 LF	\$55.00	(\$1,155.00)
18	Storm Sewer, Trenched, RCP CL 3, 15"	-2.00 LF	\$312.00	(\$624.00)
19	Removals of Storm Sewer, RCP, 12" Thru 18"	103.00 LF	\$32.00	\$3,296.00
22	Manhole, SW 301, 48"	-1.00 EACH	\$7,200.00	(\$7,200.00)
25	Intake, SW 507	-1.00 EACH	\$7,500.00	(\$7,500.00)
28	Manhole Adjustment, Minor	3.00 EACH	\$2,500.00	\$7,500.00
29	Manhole Adjustment, PCC Diamond	5.00 EACH	\$3,200.00	\$16,000.00
31	Remove Manhole	1.00 EACH	\$1,500.00	\$1,500.00
32	Remove Intake	-1.00 EACH	\$1,000.00	(\$1,000.00)

Chain Link Fence, 48" Tree Protection Fence Remove Railroad Tracks and Ties Manufactured Sand (14672) MS FOR WHICH CONTRACT UNIT PRIO DESCRIPTION Geogrid, Type 2 Hydromulch Erosion Control Chain Link Fence, Black Vinyl Coated, 8- ft High, with Barb Wire Reinforced Concrete Mow Strip Milling - Extended Quantity	112.00 LF 391.00 LF -1,000.00 TON NET CHANGE PART CES ARE NOT ESTAB UNITS 205.40 SY -0.91 ACRE -40.00 LF -40.00 LF 622.00 SY		\$392.0 \$19,550.0 (\$48,000.00 \$95,766.0 AMOUNT \$924.3 (\$1,701.70 (\$2,068.00 (\$1,852.00 \$9,330.0
Chain Link Fence, 48" Tree Protection Fence Remove Railroad Tracks and Ties Manufactured Sand (14672) MS FOR WHICH CONTRACT UNIT PRICE DESCRIPTION Geogrid, Type 2 Hydromulch Erosion Control Chain Link Fence, Black Vinyl Coated, 8- ft High, with Barb Wire	391.00 LF -1,000.00 TON NET CHANGE PART CES ARE NOT ESTAB UNITS 205.40 SY -0.91 ACRE -40.00 LF	\$50.00 \$48.00 *A LISHED: UNIT PRICE \$4.50 \$1,870.00 \$51.70	\$19,550.0 (\$48,000.00 \$95,766.0 AMOUNT \$924.3 (\$1,701.70 (\$2,068.00
Chain Link Fence, 48" Tree Protection Fence Remove Railroad Tracks and Ties Manufactured Sand (14672) MS FOR WHICH CONTRACT UNIT PRICE DESCRIPTION Geogrid, Type 2 Hydromulch Erosion Control Chain Link Fence, Black Vinyl Coated, 8-	391.00 LF -1,000.00 TON NET CHANGE PART CES ARE NOT ESTAB UNITS 205.40 SY -0.91 ACRE	\$50.00 \$48.00 A LISHED: UNIT PRICE \$4.50 \$1,870.00	\$19,550.0 (\$48,000.00 \$95,766.0 AMOUNT \$924.3 (\$1,701.70
Chain Link Fence, 48" Tree Protection Fence Remove Railroad Tracks and Ties Manufactured Sand (14672) MS FOR WHICH CONTRACT UNIT PRICE DESCRIPTION Geogrid, Type 2	391.00 LF -1,000.00 TON NET CHANGE PART CES ARE NOT ESTAB UNITS 205.40 SY	\$50.00 \$48.00 A LISHED: UNIT PRICE \$4.50	\$19,550.0 (\$48,000.00 \$95,766.0 AMOUNT \$924.3
Chain Link Fence, 48" Tree Protection Fence Remove Railroad Tracks and Ties Manufactured Sand (14672) MS FOR WHICH CONTRACT UNIT PRICE DESCRIPTION	391.00 LF -1,000.00 TON NET CHANGE PART CES ARE NOT ESTAB UNITS	\$50.00 \$48.00 A LISHED: UNIT PRICE	\$19,550.0 (\$48,000.00 \$95,766.0 AMOUNT
Chain Link Fence, 48" Tree Protection Fence Remove Railroad Tracks and Ties Manufactured Sand (14672) MS FOR WHICH CONTRACT UNIT PRICE	391.00 LF -1,000.00 TON NET CHANGE PART CES ARE NOT ESTAB	\$50.00 \$48.00 	\$19,550.0 (\$48,000.00 \$95,766.0
Chain Link Fence, 48" Tree Protection Fence Remove Railroad Tracks and Ties Manufactured Sand (14672)	391.00 LF -1,000.00 TON NET CHANGE PART	\$50.00 \$48.00 -	\$19,550.0 (\$48,000.00
Chain Link Fence, 48" Tree Protection Fence Remove Railroad Tracks and Ties	391.00 LF -1,000.00 TON	\$50.00 \$48.00	\$19,550.0 (\$48,000.00
Chain Link Fence, 48" Tree Protection Fence Remove Railroad Tracks and Ties	391.00 LF	\$50.00	\$19,550.0
Chain Link Fence, 48" Tree Protection Fence Remove Railroad Tracks and Ties	391.00 LF	\$50.00	\$19,550.0
Chain Link Fence, 48" Tree Protection Fence			
Chain Link Fence, 48"		***	#202
Removal and Reinstallation of Existing			
	-20.00 LF	\$100.00	(\$2,000.00
	-3.00 EACH	\$175.00	(\$525.00
			(\$2,372.0
	-4.744.00 LF	\$1.50	(\$7,116.0
Conventional Seeding, Fertilizing and	-2.30 ACRE	\$2,450.00	(\$5,635.00
Pavement Removal	713.00 SY	\$15.00	\$10,695.0
Driveway, Granular, 6"	-1.00 TON	\$50.00	(\$50.00
Driveway, Paved, HMA 6"	-266.00 TON	\$150.00	(\$39,900.00
Detectable Warning	39.00 SF	\$64.00	\$2,496.0
Sidewalk, PCC, 6" Thick	27.00 SY	\$212.00	\$5,724.0
Sidewalk, PCC, 4" Thick	27.00 SY	\$72.00	\$1,944.0
	-400.00 SY	\$15.00	(\$6,000.00
	55.00 SY	\$15.00	\$825.0
			\$47,970.0
			\$54,860.0
			\$3,402.0
			\$15,708.0
PVC			(\$17,145.00 \$6,496.0
RCP	-27.00 LF		(\$6,075.00
RCP	-5.00 LF	\$300.00	(\$1,500.00
	Remove and Replace Storm Sewer, 18" RCP Remove and Replace Storm Sewer, 12" PVC Pavement, PCC, 6" Thickness Pavement, PCC, 8" Thickness Curb and Gutter, PCC, 8", 2'-6" Wide Pavement, HMA LT, Base Course Pavement, HMA LT, Surface Course Removal of Sidewalk Removal of Driveway Sidewalk, PCC, 4" Thick Sidewalk, PCC, 6" Thick Detectable Warning Driveway, Paved, HMA 6" Driveway, Granular, 6" Pavement Removal Conventional Seeding, Fertilizing and Mulching, Type 2 Filter Sock Filter Sock Removal Inlet Protection Device Removal and Reinstallation of Existing	RCP Remove and Replace Storm Sewer, 18" RCP Remove and Replace Storm Sewer, 12" PVC Pavement, PCC, 6" Thickness Pavement, PCC, 8" Thickness Pavement, PCC, 8" Thickness Pavement, HMA LT, Base Course Pavement, HMA LT, Surface Course Removal of Sidewalk Removal of Driveway Sidewalk, PCC, 4" Thick Pavement, HMA LT, Surface Course Removal of Driveway Sidewalk, PCC, 6" Thick Pavement, HMA ET, Surface Course Removal of Driveway Removal of Driveway Sidewalk, PCC, 6" Thick Pavement, HMA ET, Surface Course Removal of Driveway Fidewalk, PCC, 6" Thick Pavement Removal Priveway, Paved, HMA 6" Pavement Removal Priveway, Faraular, 6" Pavement Removal Pavement	RCP Remove and Replace Storm Sewer, 18" -27.00 LF \$225.00 RCP Remove and Replace Storm Sewer, 12" -67.50 LF \$254.00 Percomment, PCC, 6" Thickness 58.00 SY \$112.00 Pavement, PCC, 8" Thickness 187.00 SY \$84.00 Curb and Gutter, PCC, 8", 2'-6" Wide 63.00 LF \$54.00 Pavement, HMA LT, Base Course 422.00 TON \$130.00 Pavement, HMA LT, Surface Course 369.00 TON \$130.00 Removal of Sidewalk 55.00 SY \$15.00 Removal of Driveway -400.00 SY \$15.00 Sidewalk, PCC, 4" Thick 27.00 SY \$72.00 Sidewalk, PCC, 6" Thick 27.00 SY \$212.00 Detectable Warning 39.00 SF \$64.00 Driveway, Paved, HMA 6" -266.00 TON \$150.00 Driveway, Granular, 6" -1.00 TON \$50.00 Pavement Removal 713.00 SY \$15.00 Conventional Seeding, Fertilizing and Mulching, Type 2 -4,744.00 LF \$1.50 Filter Sock Removal -4,744.00 LF \$0.50 Inlet Protection Device -3.00 EACH \$175.00 Removal

Original Contract Amount		\$3,396,233.50
Previous Change Orders		\$280,294.95
Amount of Change By This Change Order		\$100,398.60
New Contract Amount Including This Change Ord	ler /	\$3,776,927.05
Percentage of Change Orders to Original Contract		11.21%
May Col 1/20/2022	DMK	02/02/2022
Matt Radermacher, P.E. Date	Steven L. Naber, P.E.	Date
Civil Engineer I	Des Moines City Lagreer	/
Umesh Shetye 1/20/2022	Jen J.	7 21/22/22
MPS Engineers, P.C. dba Kingston Services, Date	Scott E. Sanders	Date
P.C.	City Manager	
	22-0221	2-21-22
	Roll Call No.	Date

Copy -

Copy -

Matt Radermacher, P.E.

Civil Engineer I Matthew Becker, P.E.

Civil Engineer II

Distribution:

Original - Project File

Copy - Prime Contractor

Copy - Contract Compliance

Copy - Finance Department

Copy - Inspection

Copy - Public Works - Dan Pritchard

FUNDIN	FUNDING INFORMATION			
Street – 33	Reviewer	DMK		
542010	Adequate	X		
C038EG99	Transfer \$			
ST274	Object Code			
072019010	Organization	pt.		
	Project			
	542010 C038EG99 ST274	542010 Adequate C038EG99 Transfer \$ ST274 Object Code 072019010 Organization		

Adjust plan quantities to as-built quantities.

Radermacher, Matt K.

From:

Pritchard, Daniel W.

Sent:

Monday, January 24, 2022 9:01 AM

To:

Radermacher, Matt K.

Subject:

RE: Market District Sanitary Sewer & Force Main - Final Change Order

Approved

Dan Pritchard 515-323-8163

From: Radermacher, Matt K. < MKRadermacher@dmgov.org>

Sent: Thursday, January 20, 2022 2:36 PM

To: Pritchard, Daniel W. < DWPritchard@dmgov.org>

Subject: Market District Sanitary Sewer & Force Main - Final Change Order

Dan,

Please see change order #7 which adjusts plan quantities to as-built quantities.

Please let me know if you approve.

Thanks,

Matt

Matt Radermacher P.E. Civil Engineer City of Des Moines 400 Robert D. Ray Drive Des Moines, Iowa 50309 Office: (515)-283-4076

e-mail: mkradermacher@dmgov.org

