

★ Roll Call Number

Agenda Item Number

12

Date August 14, 2017

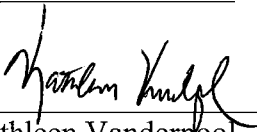
**APPROVING CHANGE ORDER NO. 1 WITH
MPS ENGINEERS, P.C. DBA KINGSTON SERVICES, P.C. FOR
ADDITIONAL WORK ON THE E. 2nd STREET RECONSTRUCTION FROM
E. LOCUST STREET TO E. GRAND AVENUE
IN THE AMOUNT OF \$50,987.65**


BE IT RESOLVED by the City Council of the City of Des Moines, Iowa, that the attached Change Order No. 1 between the City of Des Moines and MPS Engineers, P.C. dba Kingston Services, P.C., Dan Hutton, President, 1444 Illinois Street, Des Moines, Iowa, 50314, for additional work on E. 2nd Street Reconstruction from E. Locust Street to E. Grand Avenue, in an amount not to exceed \$50,987.65, be and is hereby approved, and the City Manager is authorized and directed to execute said change order.

(Council Letter Number 17-591 attached)
Activity ID 06-2017-003

Moved by _____ to adopt.

FORM APPROVED:


Kathleen Vanderpool
Deputy City Attorney

 Funding Source: \$20,074.25, 2017-2018 CIP, Page Street Improvements – 13, East Village Street Improvements, ST262; and the remaining \$30,913.40 from Des Moines Water Works

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MOORE				
WESTERGAARD				
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



CHANGE ORDER AGREEMENT NO. 1

Date: August 3, 2017 **INITIATED BY:** City
Contractor: MPS Engineers, P.C. dba Kingston Services, P.C.
Project: E. 2nd Street Reconstruction from E. Locust Street **Activity ID:** 06-2017-003
to E. Grand Avenue

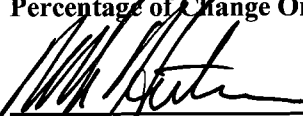
DESCRIPTION OF CHANGE ORDER AND PURPOSE				
During construction of the storm sewer numerous utility conflict were encountered requiring the storm sewer system to be redesigned.				
After excavating the water main in East Grand Ave an electrical duct bank was found to be in conflict with the equipment needed to install a live tap in the water main. Des Moines Water Works instructed the contractor to extend the excavation and shoring south of the duct bank to allow a tee to be placed on the water main and a valve installed south of the duct bank. Conflicts with Duct Banks caused the design of the water main to be changed by Des Moines Water Works which required additional work. This portion of the change order will compensate the contractor for the additional work requested and will be funded by Des Moines Water Works.				
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
7	Storm Sewer, Trenched, RCP, 15"	-150.0000 LF	\$88.00	(\$13,200.00)
11	8" Ductile Iron Pipe, Stab	-8.0000 LF	\$108.00	(\$864.00)
12	8" Ductile Iron Pipe, RJ	-18.0000 LF	\$154.00	(\$2,772.00)
13	8" Bend	2.0000 EACH	\$1,000.00	\$2,000.00
17	Hydrant Assembly	1.0000 EACH	\$5,000.00	\$5,000.00
24	Manhole, SW-401, 48"	-1.0000 EACH	\$8,000.00	(\$8,000.00)
27	Intake, SW-505	-1.0000 EACH	\$6,000.00	(\$6,000.00)
36	Full Depth Patches	1.1000 SY	\$154.00	\$169.40
NET CHANGE PART A				(\$23,666.60)
B. ITEMS FOR WHICH CONTRACT UNIT PRICES ARE NOT ESTABLISHED:				
ITEM	DESCRIPTION	UNITS	UNIT PRICE	AMOUNT
1.01	Material Restocking Charges	1.0000 LS	\$1,841.25	\$1,841.25
1.02	Modification to SW-401	1.0000 LS	\$2,400.00	\$2,400.00
1.03	12" DIP Storm Sewer	45.0000 LF	\$158.00	\$7,110.00


1.04 16" DIP Storm Sewer	36.0000 LF	\$218.00	\$7,848.00
1.05 Export of Unsuitable Material	94.0000 CY	\$25.00	\$2,350.00
1.06 Granular Backfill	117.0000 TON	\$25.00	\$2,925.00
1.07 Soil Segregation	12.0000 HOUR	\$285.00	\$3,420.00
1.08 Additional Survey	1.0000 LS	\$1,380.00	\$1,380.00
1.09 Intake SW-509	2.0000 EACH	\$9,000.00	\$18,000.00
1.10 Additional Excavation & Shoring for Water Main	1.0000 LS	\$4,000.00	\$4,000.00
1.11 Change in Water Main Abandonment	1.0000 LS	\$7,700.00	\$7,700.00
1.12 Duct Bank Conflict with Water Main	1.0000 LS	\$1,130.00	\$1,130.00
1.13 6" Bend	8.0000 EACH	\$850.00	\$6,800.00
1.14 Remove and Replace Water Main	40.0000 LF	\$95.00	\$3,800.00
1.15 Hydro-Vac Water Main	5.0000 HOUR	\$400.00	\$2,000.00
1.16 Additional Mobilization	1.0000 LS	\$1,950.00	\$1,950.00

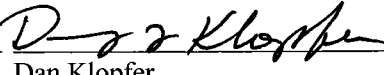
NET CHANGE PART B \$74,654.25

TOTAL \$50,987.65

Original Contract Amount	\$659,983.50
Previous Change Orders	\$0.00
Amount of Change By This Change Order	\$50,987.65
New Contract Amount Including This Change Order	\$710,971.15
Percentage of Change Orders to Original Contract	7.73%

 8/8/2017
 Mark Hutchens, P.E. Date
 Civil Engineer II

 SW 8/9/2017
 Pamela S. Cooksey, P.E. Date
 Des Moines City Engineer

 8/7/17
 Dan Klopfer Date
 Des Moines Water Works

_____ _____
 Scott E. Sanders Date
 City Manager

 _____
 MPS Engineers, P.C. dba Kingston Services, P.C. Date

_____ _____
 Roll Call No. Date

Distribution: Original - Project File Copy - Mark Hutchens, P.E.
 Copy - Prime Contractor Civil Engineer II
 Copy - Contract Compliance
 Copy - Finance Department
 Copy - Inspection

FUNDING INFORMATION			
CIP Page	Street - 13	Reviewer	<u>DMK</u>
Object Code	543060	Adequate	<u>X</u>
Organization	C038EG99	Transfer \$	_____
Project	ST262	Object Code	_____
Activity ID	062017003	Organization	_____
		Project	_____

Changes in storm sewer design, additional excavation and shoring and changes due to existing duct banks in conflict with the water main construction.