

### **Roll Call Number**

Agenda Item Number

16 C

DATE June 27, 2022

## ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR DES MOINES FIRE STATION NO. 11, ROCHON CORPORATION OF IOWA, INC., N.K.A. GRAPHITE CONSTRUCTION GROUP, INC.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the Des Moines Fire Station No. 11, 102019001, in accordance with the contract approved between Rochon Corporation of Iowa, Inc., n.k.a. Graphite Construction Group, Inc., Russell Carew, President, 1955 NE 58th Avenue, Suite 100, Des Moines, IA 50313, under Roll Call No. 19-2073, of December 16, 2019, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted.

BE IT FURTHER RESOLVED: That \$5,957,939.36 is the total cost, of which \$5,779,201.18 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$178,738.18 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

BE IT FURTHER RESOLVED: That the Director of Finance be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by	to adopt.	Second by
FORM APPROVED:		FUNDS AVAILABLE
s/Kathleen Vanderpool		May Man
Kathleen Vanderpool Deputy City Attorney		Nickolas J. Schaul Director of Finance

Funding Source: 2022-23 CIP, Page 32, NE Fire Station, FR041, Being:

G. O. Bonds, with a transfer of \$180,000 of Gaming Monies from ST217, Roadway Rehabilitation -

Collector



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COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT	I, Laura Baumgartner, Acting City Clerk of
COWNIE					said City Council, hereby certify that at a
BOESEN					meeting of the City Council, held on the above date, among other proceedings the above was
GATTO					adopted.
MANDELBAUM					
SHEUMAKER					IN WITNESS WHEREOF, I have hereunto set
VOSS					my hand and affixed my seal the day and year
WESTERGAARD					first above written.
TOTAL					
MOTION CARRIED	OTION CARRIED APPROVED				

Mayor

City Clerk







### **PROJECT SUMMARY**

# Des Moines Fire Station No. 11 Activity ID 102019001

On December 16, 2019, under Roll Call No. 19-2073, the Council awarded the contract for the above improvements to Rochon Corporation of Iowa, Inc., n.k.a. Graphite Construction Group, Inc., in the amount of \$6,129,000.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	10/14/2020	\$(6,239.62)
	,	Remove, stockpile, and haul off debris from under new building. Add additional calendar days to contract.	V
2	City	10/14/2020	\$(48,347.37)
		Add project changes found during material submittal rand value engineering.	eview
3	City	10/14/2020	\$0.00
		Value engineering cost reduction.	
4	City	10/21/2020	\$0.00
		Add storm damage removals and floor drain.	
5	City	1/13/2021	\$0.00
	•	Add project changes found during construction.	
6	City	2/16/2021	\$0.00
	,	Add project changes found during construction.	
7	City	4/30/2021	\$0.00
		Add project changes found during construction. PR24	-29.
8	City	7/13/2021	\$0.00
	, and the second	Add project changes found during construction. PR30 39. Add additional calendar days to contract.	, 32-
9	City	9/2/2021	\$0.00
	,	Add project changes found during construction. PR40 45, and PR47-49.	, PR42-
10	City	10/19/2021	\$0.00
	•	Add project changes found during construction. PR 50 PR 51.	and and
11	City	12/7/2021	\$0.00
	•	Add project changes found during construction. PR 52	2-58.
12	City	4/21/2022	\$(70,973.65)
		Add project changes.	

\$(45,500.00)

Deduct to contract for Liquidated damages

Original Contract Amount\$6,129,000.00Total Change Orders\$(171,060.64)Percent of Change Orders to Original Contract(2.79)%Total Contract Amount\$5,957,939.36

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#### **CERTIFICATION OF COMPLETION**

#### **AGENDA HEADING:**

Accepting completed construction and approving final payment for the Des Moines Fire Station No. 11, Rochon Corporation of Iowa, Inc., n.k.a. Graphite Construction Group, Inc.

#### **SYNOPSIS:**

Approve the Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

#### **FISCAL IMPACT:**

Amount: \$0.00 As-Built Contract Cost

<u>Funding Source</u>: 2022-23 CIP, Page 32, NE Fire Station, FR041, Being: G. O. Bonds, with a transfer of \$180,000 of Gaming Monies from ST217, Roadway Rehabilitation - Collector

#### CERTIFICATION OF COMPLETION:

On December 16, 2019, under Roll Call No. 19-2073, the City Council awarded a contract to Rochon Corporation of Iowa, Inc., n.k.a. Graphite Construction Group, Inc., Russell Carew, President, 1955 NE 58th Avenue, Suite 100, Des Moines, IA 50313 for the construction of the following improvement:

Des Moines Fire Station No. 11, 102019001

The improvement includes new construction of an approximately 14,600 square feet fire station which includes a two-story mechanical area, living quarters, and a three bay apparatus area; design consists of cast stone, brick masonry, glazed aluminum curtainwall and architectural aluminum metal panels; wall structure consists of perimeter bearing walls and internal bearing and non-bearing concrete masonry units; floor structure is steel beam framing and concrete/metal floor decking; roof structure is metal roof joists and decking; roofing system is a single-ply, fully adhered membrane on low slope roof areas and metal roof for the apparatus bay; also sidewalks, utilities and reconstruction of E. 42nd Street; all work in accordance with the contract documents, including Plan File Nos. 601-070/209, located at 4150 E. 42nd Street, Des Moines, Iowa

I hereby certify that the construction of said Des Moines Fire Station No. 11, Activity ID 102019001, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on March 23, 2020, and was completed on June 14, 2022.

I further certify that \$0.00 is the total cost of said improvement, of which \$5,779,201.18 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$178,738.18 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.

Steven L. Naber, P.E.

Des Moines City Engineer

16C

#### ENGINEERING DEPARTMENT CITY OF DES MOINES, IOWA

## CITY OF DES MOINES

#### ESTIMATE OF CONSTRUCTION COMPLETED FOR WORK DONE FROM 4/13/2022 to 04/18/2022 FINAL PARTIAL PAYMENT NO. 22

PROJECT: DES MOINES FIRE STATION NO. 11 CONTRACTOR: GRAPHITE CONSTRUCTION GROUP Proj No: N/A Activity ID: 10-2019-001 Date: 6/14//2022

		T		UNITS			
					CONSTRUCTED		
LINE NO.	DESCRIPTION	UNIT	ESTIMATED	AUTHORIZED	TO DATE	UNIT PRICE	TOTAL AMOUNT
1	GENERAL CONDITIONS	LS	1.000	1.000	1.000000	\$364,401.52	\$364,401.52
2	CONCRETE	LS	1.000	1.000	1.000000	\$265,513.00 \$606,580.00	\$265,513.00 \$606,580.00
3	MASONRY	LS	1.000	1,000	1.000000	\$275,000.00	\$275,000.00
4	METALS	LS	1.000	1.000 1.000	1.000000	\$143,100.00	\$143,100.00
5	WOOD, PLASTIC AND COMPOSITES	LS	1.000	1.000	1.000000	\$424,721.48	\$424,721.48
6	THERMAL & MOISTURE	LS	1,000 1,000	1.000	1.000000	\$387,257.00	\$387,257.00
7	DOORS/HARDWARE	LS	1.000	1.000	1,000000	\$264,960.00	\$264,960.00
8	INTERIOR FINISHES	LS	1.000	1.000	1.000000	\$56,129.00	\$56,129.00
9	SPECIALTIES	LS	1.000	1.000	1.000000	\$39,275.00	\$39,275.00
10	EQUIPMENT	LS	1.000	1.000	1.000000	\$4,461.00	\$4,461.00
11	FURNISHINGS	LS	1.000	1.000	1.000000	\$34,600.00	\$34,600.00
12	FIRE SUPPRESSION	LS	1.000	1,000	1.000000	\$1,063,479.00	\$1,063,479.00
13	MECHANICAL	LS	1,000	1,000	1.000000	\$936,086.00	\$936,086.00
14 15	ELECTRICAL SITE WORK	LS	1.000	1,000	1.000000	\$300,840,00	\$300,840.00
16	EXTERIOR IMPROVEMENTS	LS	1.000	1.000	1.000000	\$281,750.00	\$281,750.00
17	UTILITIES	LS	1.000	1.000	1.000000	\$185,920.00	\$185,920.00
17	VE ITEMS NOT TAKEN, SUNSHADE & PAGING SYSTEM	LS	0.000	1,000	1.000000	\$175,433.00	\$175,433.00
1.01	MOBILIZE EXCAVATOR	EA	0.000	1,000	1.000000	\$1,200.00	\$1,200.00
1.02	MOBILIZE BACAVATOR  MOBILIZE DOZER	EA	0.000	1,000	1.000000	\$1,200.00	\$1,200.00
1.02	LOAD OF 3-INCH CLEAN STONE	EA	0.000	1.000	1.000	\$675.00	\$675.00
1.03	350 EXCAVATOR	HOUR	0.000	71.000	71.000	\$350.00	\$24,850.00
1.04	D6K DOZER	HOUR	0.000	61.750	61.750	\$225.00	\$13,893.75
1.06	550 SCRAPER	HOUR	0.000	15,500	15.500	\$395,00	\$6,122.50
1.07	TRUCKING	HOUR	0.000	181.250	181.250	\$110.00	\$19,937.50
1.08	SKID STEER	HOUR	0.000		2.500	\$125.00	\$312.50
1.09	GC MARKUP	LS	0.000	1.000	1.000	\$6,819.13	\$6,819.13
2.01	CONDENSATION PAD PR4	LS	0.000	1,000	1.000	\$200.00	\$200.00
2.02	GENERATOR PAD PR4	LS	0.000	1.000	1.000	\$2,600.00	\$2,600.00
2.03	STRUCTURE TO OH DOOR PR4	LS	0.000	1.000	1.000	\$3,350.00	\$3,350.00
2.04	ADA LOCKER PR4	EACH	0.000	1.000	1.000	\$1,300.00	\$1,300.00
2.05	ADD SOUND SEPERATION TO WALL PR4	LS	0.000	1.000	1.000	\$5,078.70	\$5,078.70
2.06	ADD FIRE RATED FRAME PR4	EACH	0.000	1,000	1.000	\$220.00	\$220.00
2.07	STAINLESS STEEL BEHIND STOVE PR5	LS	0.000	1.000	1.000	\$600.00	\$600.00
2.08	PAGING SYSTEM CHANGES PR5	LS	0.000	1.000	1.000	(\$8,439.48)	(\$8,439.48
2.09	ADD MECH OPENING STRUCTURAL STEEL PR6	EACH	0.000	3.000	3.000	\$532.88	\$1,598.64
2.13	PRINTING PLAN COSTS	LS	0.000	1.000	1.000	\$967.77	\$967.77
2.14	CHANGE ACCUSTICAL DECK TO 18GA PR9	LS	0.000		1.000	(\$1,200.00)	(\$1,200.00
2.15	RELOCATE SEWER LINE PR8	LS	0.000		1.000	\$533.00	\$533.00
3.20	BID ALLOWANCE-VE COMPLETE AS PER CONTRACT	EACH	0.000	183,088.000	0.000	\$1.00	\$0.00
4.01	CLEARING & GRUBBING	LS	0.000		1.000	\$9,075.00	\$9,075.00
4.02	ADD DRAIN & VENT FOR ICE MACHINE	LS	0.000	1.000	1.000	\$2,404.60	\$2,404.60
4.03	BID ALLOWANCE-VE COMPLETE AS PER CONTRACT	EA	0.000		0.000	(\$11,479.60)	\$0.00
5.01	PRECAST FLOOR INFILL	LS	0.000			\$2,299.00	\$2,299.00
5.02	FRAMING FOR HOSE BIBS	LS	0.000			\$2,321.87	\$2,321.87
5.03	BLOCKING & FLASHING UNDER TRANSL PANELS	LS	0.000			\$9,572.09	\$9,572.09
5.04	ICC 500 SIGNAGE	LS	0.000			\$500.50	\$500.50
5.05	BID ALLOWANCE-VE COMPLETE AS PER CONTRACT	EA	0.000			(\$14,693.46)	\$0.00 \$650.50
6.01	VENTALATION REVISION	LS	0.000			\$650.50	\$1,045.23
6.02	CO2 MONITOR	LS	0.000			\$1,045,23 \$1,479.45	\$1,045.23
6.03	RELOCATE CONDENSOR UNIT	LS	0,000			\$1,479.45 \$641.77	\$1,479.43
6.04	ADD OUTLET FOR STAIRMASTER	LS	0.000			(\$3,304.28)	
6.05	WESTNET REVISION FOR KITCHEN	LS	0.000				
6.06	BID ALLOWANCE-VE COMPLETE AS PER CONTRACT	EA	0.000			\$2,170.67	\$2,170.67
7.01	ADD VAPOR BARRIER	LS	0.000				\$2,223.79
7.02	ADD LEED SHOWER HEADS		0.000				\$8,750.50
7.03	ADD CLOSET RODS AND LOCKS	LS	0.000			\$357.27	\$357.27
7.04	ADD 35A2P BREAKER	LS	0,000				\$3,734.50
7.05	ADD LOCKER FRAME WALL	LS LS	0,000				\$924.00
7.06	ADD FOLDING DOOR FRAME REMOVAL	LS	0,000				
7.07	DEDUST COST OF BRICK REVEAL	EA	0,000				1
7.08	ADD ALLOWANCE-VE	LS	0.000				\$2,733.59
X001 00	PR30 RADIO/WIFI	Page 1 of		1.000	1.000	Ψ2,100,00	42,100,0

8002.00 PR32 KITCHEN BULKHEAD	LS	0.000	1.000	1.000	\$823.90	\$823.90
8003.00 PR33 GENERATOR CIRCUIT	LS	0.000	1.000	1.000	\$1,343.35	\$1,343.35
8004.00 PR34 FDC STROBE	LS	0.000	1.000	1.000	\$2,211.20	\$2,211.20
8005.00 PR35 BRANCH SELECTOR	LS	0.000	1,000		\$1,277.10	\$1,277.10
8006.00 PR36 DOOR GLASS CHANGE	LS	0,000	1.000		\$784.30	\$784.30
8007.00 PR37 ANTENNA SLEEVE	LS	0.000	1,000		\$355.75	\$355.75
8008.00 PR38 F5 LIGHT FIXTURES	LS	0.000	1.000		\$1,167.80	\$1,167.80
8009.00 PR39 F1 FIXTURES	LS	0.000	1.000		\$8,998.14	\$8,998.14
	EA	0.000	-19,695,130		(\$19,695.13)	\$0.00
8010.00 ADD ALLOWANCE -VE	LS	0.000	1.000		\$563.38	\$563.38
901.00 PR40 RELOCATE LIGHTS						
902.00 PR42 POLISH FLOOR	LS	0.000	1,000		\$1,799.88	\$1,799.88
903.00 PR43 SOG NW PATIO	LS	0.000	1.000		\$2,585.00	\$2,585.00
904.00 PR44 DR YER DUCT THRU CASEWORK	LS	0.000	1,000		\$577.50	\$577.50
905.00 PR45 REMOTE SWITCHES FOR DOORS	EA	0.000	3.000		\$618.00	\$618.00
906.00 PR47 TOPSOIL	LS	0.000	1.000		\$7,909.00	\$7,909.00
907.00 PR48 CREDIT TRAFFIC MARKINGS	LS	0.000	1.000		(\$230.00)	(\$230.00)
908.00 PR49 CHANGE DAMPER IN MOD-6	LS	0.000	1.000	1.000	\$822.86	\$822.86
909.00 ADD ALLOWANCE-VE	EA	0.000	-14,645.620	0.000	(\$14,645.62)	\$0.00
1001.00 PR50 ADD DATA LINES	LS	0.000	1.000	1.000	\$5,517.11	\$5,517.11
1002.00 PR51 ADD LANDSCAPING & SEEDING	LS	0.000	1.000	1.000	\$4,620.00	\$4,620.00
1003,00 ADD ALLOWANCE-VE	EA	0.000	-10,137.110	0.000	(\$10,137.11)	\$0.00
1101.00 PR52 ADDREST ROOM CORRECTIONS	LS	0.000	1,000		\$8,824.37	\$8,824.37
1102.00 PR53 ADD TILE REPAIR IN REST ROOMS	LS	0.000	1,000		\$1,017.50	\$1,017.50
1103.00 PR54 ADD PLANTINGS AS PER ASI 39	LS	0.000	1.000		\$4,375.80	\$4,375.80
1103.00 PR54 ADD FLANTINGS AS FER ASI 39  1104.00 PR55 ADD LIGHTING CONTROLS TO APPARATUS BAY	LS	0.000	1.000		\$828.59	\$828.59
1105.00 PR56 ADD PLUMBING CHANGES PER ASI#41	LS	0.000	1.000		\$8,411.70	\$8,411.70
1105,00 PR56 ADD PLOMBING CHANGES PER ASI#41  1106,00 PR57 ADD WINDOW SHADE TO ROOM 126	LS	0.000	1.000		\$368.50	\$368.50
1107.00 PR58 ADD ELECTRICAL TO PULL CORD APPARATUS BAY	LS	0.000	1.000		\$2,148.57	\$2,148.57
1108.00 ADD ALLOWANCE-VE	LS	0.000	-25,975.030		(\$25,975.03)	\$0.00
1201.00 PR59 ADD CABINET MODIFICATIONS	LS	0.000	1.000		\$1,815.00	\$1,815.00
1202,00 ADD ALLOWANCE-VE	LS	0.000	-72,788.650	1.000	(\$72,788.65)	
	D	id Allowance total	0.000			\$0.00
ANTEIOTRATED LIQUIDATED DAMACES	EA	d Allowalice total	0.000	91.000	(\$500.00)	(\$45,500.00)
ANTICIPATED LIQUIDATED DAMAGES	EA			-		\$0.00
ADD ALLOWANCE				0.000	\$0.00	\$0.00
MOMENT GOVERN I CIT I A COVERNE DY VIG CIVIA MOTE OR DEFINA		<b>#5.057.030.36</b>				
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$5,957,939.36				
PARTIAL PAYMENT #1		\$309,336.30				
PARTIAL PAYMENT #2		\$488,979.81				
PARTIAL PAYMENT #3		\$377,847.01				
PARTIAL PAYMENT #4		\$242,167.29				
PARTIAL PAYMENT #5		\$340,372.34				
PARTIAL PAYMENT #6		\$377,845.20				
PARTIAL PAYMENT #7		\$517,740.38				
PARTIAL PAYMENT #8		\$354,239.63				
PARTIAL PAYMENT #9		\$279,283.66				
PARTIAL PAYMENT #10		\$299,399.23				
PARTIAL PAYMENT #11						
PARTIAL PAYMENT #12		\$808,828.44				
PARTIAL PAYMENT #13		\$590,318.58				
	PARTIAL PAYMENT #14 \$156,235.60					
	11401741141041 #15					
PARTIAL PAYMENT #16						
PARTIAL PAYMENT #17						
PARTIAL PAYMENT #18	\$4,866.60					
PARTIAL PAYMENT #19	\$17,780.70					
PARTIAL PAYMENT #20		\$12,318.40				
PARTIAL PAYMENT #21		\$14,637.93				
THIS PARTIAL PAYMENT		\$0.00				
TOTAL PARTIAL PAYMENTS		\$5,779,201.18				
BALANCE		\$178,738.18				
		100%				
				TOTAL		\$5,957,939.36

PREPARED BY: \_

CHECKED BY: \_

TOTAL RETAINAGE \$5,957,939.36 \$178,738.18 TOTAL LESS RETAINAGE \$5,779,201.18 LESS PREVIOUS PAYMENT \$5,779,201.18 AMOUNT DUE \$0.00

FINAL PARTIAL PAYMENT NO. 22