



STAFF REPORT

DATE: February 21, 2017

CONSENT

ITEM #: 7

AGENDA ITEM: Inwood Water Tower (No. 4) – Pay Request No. 8

SUBMITTED BY: Chad Isakson, Project Engineer

REVIEWED BY: Krintina Handt, City Administrator
Jack Griffin, City Engineer

BACKGROUND: CB&I, Inc. was awarded a construction contract on March 15, 2016 to complete the Inwood Water Tower (No. 4) project. The contractor has submitted Partial Pay Request No. 8.

ISSUE BEFORE COUNCIL: Should the City Council approve Pay Request No. 8?

PROPOSAL DETAILS/ANALYSIS: CB&I, Inc., has submitted Partial Pay Request No. 8 in the amount of \$354,458.30. The request has been reviewed and payment is recommended in the amount requested. In accordance with the contract documents, the City has retained 5% of the total work completed. The amount retained is \$89,669.38.

FISCAL IMPACT: None. Partial payment is proposed in accordance with the Contract for the project. Payment remains within the authorized scope and budget.



RECOMMENDATION: Staff is recommending that the City Council approve, *as part of the Consent Agenda*, Pay Request No. 8 for the Inwood Water Tower (No. 4) project. If removed from the consent agenda, the recommended motion for the action is as follows:

“Move to approve Pay Request No. 8 to CB&I, Inc. in the amount of \$354,458.30 for the Inwood Water Tower (No. 4)”.

ATTACHMENTS:

1. Partial Pay Estimate No. 8

PROJECT PAY FORM

PARTIAL PAY ESTIMATE NO. <u>8</u>				FOCUS ENGINEERING, inc.	
INWOOD WATER TOWER NO. 4 PROJECT NO. 2015.130				PERIOD OF ESTIMATE FROM <u>12/1/2016</u> TO <u>1/14/2017</u>	
PROJECT OWNER: CITY OF LAKE ELMO 3800 LAVERNE AVENUE NORTH LAKE ELMO, MN 55042 ATTN: JACK GRIFFIN, CITY ENGINEER				CONTRACTOR: CB&I Inc. 14109 S. ROUTE 59 PLAINFIELD, IL 60544 ATTN: MICHAEL ALLISON	
CONTRACT CHANGE ORDER SUMMARY				PAY ESTIMATE SUMMARY	
No.	Approval Date	Amount			
		Additions	Deductions		
1	5/3/2016	\$0.00	\$0.00	1. Original Contract Amount	\$2,395,000.00
2	9/20/2016	\$8,744.00	\$0.00	2. Net Change Order Sum	\$8,744.00
				3. Revised Contract (1+2)	\$2,403,744.00
				4. *Work Completed	\$1,793,387.50
				5. *Stored Materials	\$0.00
				6. Subtotal (4+5)	\$1,793,387.50
				7. Retainage* <u>5.0%</u>	\$89,669.38
				8. Previous Payments	\$1,349,259.83
TOTALS				9. Amount Due (6-7-8)	\$354,458.30
NET CHANGE		\$8,744.00		*Detailed Breakdown Attached	
CONTRACT TIME					
START DATE: <u>4/7/2016</u>		ORIGINAL DAYS <u>574</u>		ON SCHEDULE	
SUBSTANTIAL COMPLETION: <u>9/28/2017</u>		REVISED DAYS <u>0</u>		YES <input checked="" type="checkbox"/>	
FINAL COMPLETION: <u>11/2/2017</u>		REMAINING <u>292</u>		NO <input type="checkbox"/>	
ENGINEER'S CERTIFICATION: The undersigned certifies that the work has been reviewed and to the best of their knowledge and belief, the quantities shown in this estimate are correct and the work has been performed in accordance with the contract documents.				SEH, Inc.  ENGINEER <u>2/1/2017</u> DATE	
CONTRACTOR'S CERTIFICATION: The undersigned Contractor certifies that to the best of their knowledge, information and belief the work covered by this payment estimate has been completed in accordance with the contract documents, that all amounts have been paid by the contractor for work for which previous payment estimates was issued and payments received from the owner, and that current payment shown herein is now due.				CONTRACTOR  BY <u>2/1/17</u> DATE	
APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA					
BY _____			BY _____		
DATE _____			DATE _____		

PARTIAL PAY ESTIMATE NO. 8

INWOOD WATER TOWER NO. 4
CITY OF LAKE ELMO, MINNESOTA
PROJECT NO. 2015.130

FOCUS ENGINEERING, inc.

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
DIVISION 1 - SITE & UTILITY WORK									
1	MOBILIZATION	LS	1	\$16,000.00	\$16,000.00		\$0.00	1.00	\$16,000.00
2	ROCK CONSTRUCTION ENTRANCE	EA	1	\$3,822.00	\$3,822.00		\$0.00	1.00	\$3,822.00
3	TRAFFIC CONTROL	LS	1	\$2,068.00	\$2,068.00		\$0.00	0.50	\$1,034.00
4	SUBGRADE EXCAVATION	CY	120	\$10.00	\$1,200.00		\$0.00	60.00	\$600.00
5	GEOTEXTILE FABRIC TYPE V	SY	200	\$6.00	\$1,200.00		\$0.00	0.00	\$0.00
6	ORGANIC TOPSOIL BORROW	CY	100	\$30.00	\$3,000.00		\$0.00	0.00	\$0.00
7	SELECT GRANULAR BORROW	CY	150	\$16.00	\$2,400.00		\$0.00	0.00	\$0.00
8	AGGREGATE BASE, CLASS 6	TON	1,250	\$22.00	\$27,500.00		\$0.00	0.00	\$0.00
9	BIT WEARING COURSE MIX (WEA240B)	TON	65	\$99.00	\$6,435.00		\$0.00	0.00	\$0.00
10	BIT NON-WEARING COURSE MIX (WEB240B)	TON	65	\$99.00	\$6,435.00		\$0.00	0.00	\$0.00
11	TACK COAT	GAL	35	\$10.00	\$350.00		\$0.00	0.00	\$0.00
12	8" CONCRETE APRON	SF	350	\$25.00	\$8,750.00		\$0.00	0.00	\$0.00
13	4" CONCRETE WALK	SF	100	\$20.00	\$2,000.00		\$0.00	0.00	\$0.00
14	CONNECT TO EXISTING WATERMAIN	EA	1	\$2,300.00	\$2,300.00		\$0.00	0.00	\$0.00
15	6" DIP WATER MAIN PIPE, CL. 52	LF	10	\$110.00	\$1,100.00		\$0.00	0.00	\$0.00
16	16" DIP WATER MAIN PIPE, CL. 52	LF	120	\$140.00	\$16,800.00		\$0.00	0.00	\$0.00
17	6" GATE VALVE & BOX	EA	1	\$1,980.00	\$1,980.00		\$0.00	0.00	\$0.00
18	HYDRANT	EA	1	\$4,864.00	\$4,864.00		\$0.00	0.00	\$0.00
19	DIP FITTINGS	LB	700	\$2.50	\$1,750.00		\$0.00	0.00	\$0.00
20	POLYETHYLENE ENCASEMENT	LF	140	\$2.00	\$280.00		\$0.00	0.00	\$0.00
21	4' X 4' CATCH BASIN WITH GRATING	EA	1	\$2,618.00	\$2,618.00		\$0.00	0.00	\$0.00
22	1.5" CLEAR TOCK	CY	16	\$76.00	\$1,216.00		\$0.00	0.00	\$0.00
23	GEOTEXTILE FABRIC TYPE I	SY	30	\$6.00	\$180.00		\$0.00	0.00	\$0.00
24	18" RCP STORM SEWER PIPE, CL. V	LF	90	\$68.00	\$6,120.00		\$0.00	0.00	\$0.00
25	18" APRON W/TRASH GUARD	EA	1	\$1,700.00	\$1,700.00		\$0.00	0.00	\$0.00
26	HAND PLACED RIP RAP, CL. III	CY	10	\$92.00	\$920.00		\$0.00	0.00	\$0.00
27	GEOTEXTILE FABRIC TYPE IV	SY	37	\$3.00	\$111.00		\$0.00	0.00	\$0.00
28	PREASSEMBLED SILT FENCE	LF	500	\$2.25	\$1,125.00		\$0.00	250.00	\$562.50
29	STRAW BIOROLL	LF	1,000	\$2.00	\$2,000.00		\$0.00	0.00	\$0.00
30	TEMPORARY SEEDING (MIX 22-111 WITH TYPE I MULCH)	AC	1.5	\$4,000.00	\$6,000.00		\$0.00	0.00	\$0.00
31	SEEDING (MIX 25-131 WITH FERTILIZER & HYDROMULCH)	AC	1.5	\$3,500.00	\$5,250.00		\$0.00	0.00	\$0.00
SUBTOTAL - DIVISION 1			\$137,474.00			\$0.00		\$22,018.50	
DIVISION 2 - ELEVATED STORAGE TANK									
1	INSURANCE AND BONDS	LS	1	\$47,900.00	\$47,900.00		\$0.00	1.00	\$47,900.00
2	ENGINEERING & APPROVAL	LS	1	\$239,500.00	\$239,500.00		\$0.00	0.98	\$234,710.00
3	TANK MATERIALS	LS	1	\$316,100.00	\$316,100.00		\$0.00	1.00	\$316,100.00
4	TANK FABRICATION & SHIP	LS	1	\$287,700.00	\$287,700.00	0.72	\$207,144.00	0.97	\$279,069.00
5	FOUNDATION CONSTRUCTION	LS	1	\$413,400.00	\$413,400.00		\$0.00	0.95	\$392,730.00
6	CONCRETE SHAFT CONSTRUCTION	LS	1	\$372,100.00	\$372,100.00	0.10	\$37,210.00	1.00	\$372,100.00
7	TANK ERECTION (ON GROUND)	LS	1	\$214,600.00	\$214,600.00	0.60	\$128,760.00	0.60	\$128,760.00
8	TANK PAINT (ON GROUND)	LS	1	\$142,300.00	\$142,300.00		\$0.00	0.00	\$0.00
9	HOIST TANK	LS	1	\$43,450.00	\$43,450.00		\$0.00	0.00	\$0.00
10	TANK PAINT (IN AIR)	LS	1	\$74,200.00	\$74,200.00		\$0.00	0.00	\$0.00
11	STERILIZE AND TEST	LS	1	\$976.00	\$976.00		\$0.00	0.00	\$0.00
12	ELECTRICAL	LS	1	\$89,800.00	\$89,800.00		\$0.00	0.00	\$0.00
13	WATER TOWER CONTROL PANEL AND RTU	LS	1	\$15,500.00	\$15,500.00		\$0.00	0.00	\$0.00
SUBTOTAL - DIVISION 2			\$2,257,526.00			\$373,114.00		\$1,771,369.00	
TOTALS - BASE CONTRACT					\$2,395,000.00	\$373,114.00		\$1,793,387.50	
TOTAL CHANGE ORDER NO.1		0	1	\$0.00	\$0.00	\$0.00		0.00	\$0.00
TOTAL CHANGE ORDER NO.2		0	1	\$8,744.00	\$8,744.00	\$0.00		0.00	\$0.00
TOTALS - REVISED CONTRACT					\$2,403,744.00	\$373,114.00		\$1,793,387.50	