

STAFF REPORT

DATE: June 20, 2017

CONSENT

ITEM #: 10

AGENDA ITEM: Inwood Water Tower (No. 4) – Pay Request No. 10

SUBMITTED BY: Chad Isakson, Project Engineer **REVIEWED BY:** Krintina Handt, City Administrator

Jack Griffin, City Engineer

ISSUE BEFORE COUNCIL: Should the City Council approve Pay Request No. 10?

BACKGROUND: CB&I, Inc. was awarded a construction contract on March 15, 2016 to complete the Inwood Water Tower (No. 4) project.

PROPOSAL DETAILS/ANALYSIS: CB&I, Inc., has submitted Partial Pay Request No. 10 in the amount of \$135,185.00. 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 \$102,240.43.

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. 10 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. 10 to CB&I, Inc. in the amount of \$135,185.00 for the Inwood Water Tower (No. 4)".

ATTACHMENTS:

1. Partial Pay Estimate No. 10.

PROJECT PAY FORM

PARTIAI	_ PAY ESTIMA	TE NO. <u>1</u>	0		FOCUS	ENGINEERING, inc.				
	WATER TOWER NO. 2015.130	R NO. 4		PERIOD OF ESTIMATE FROM 2/1/2017 TO 5/26/2017						
CITY OF 3800 LAV LAKE ELI	OWNER: LAKE ELMO VERNE AVENUI MO, MN 55042 ACK GRIFFIN, C	!		CONTRACTOR: CB&I Inc. 14109 S. ROUTE 59 PLAINFIELD, IL 60544 ATTN: MICHAEL ALLISON						
	CONTRACT CH	ANGE ORDER SUM	1NAA RV		PAY ESTIMATE	STINANARV				
	Approval	ANGE ORDER 3010		1 Origina	I Contract Amount	\$2,395,000.00				
No.	Date	Additions	Deductions	_	ange Order Sum	\$2,393,000.00				
1	5/3/2016	\$0.00	\$0.00		d Contract (1+2)	\$2,403,744.00				
2	9/20/2016	\$8,744.00	\$0.00		Completed	\$2,044,808.50				
		1 = 7	, , , , ,		d Materials	\$0.00				
				6. Subtota	al (4+5)	\$2,044,808.50				
				7. Retaina	age* 5.0 %	\$102,240.43				
				8. Previoເ	ıs Payments	\$1,807,383.08				
TOTAL	TOTALS \$8,744.00 \$6			9. Amoun	t Due (6-7-8)	\$135,185.00				
NET CH	IANGE	\$8,744.00		*Detailed Breakdown Attached						
			CONTRA	CT TIME						
	TIAL COMPLETION:	4/7/201 ON: 9/28/20 11/2/20	17 REV	SED DAYS 0 YES X AINING 160 NO						
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. Inc. ENGINEER 6/7/2017 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. APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA										
ВУ				ВУ						
DATE				DATF	DATE					

FOCUS Engineering, inc. PROJECT PAYMENT FORM

PARTIAL PAY ESTIMATE NO. 10

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

FOCUS ENGINEERING, inc.

DUMSION 3 - STE & UTILITY WORK	ITEM	DESCRIPTION OF PAY ITEM	UNIT		CONTRACT		THIS PE	RIOD	TOTAL TO DATE	
MONINIZENDEN 15	IILIVI		ONII	QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUN
2		DIVISION 1 - SITE & UTILITY WORK								
THE PROPERTY OF THE PROPERTY	1	MOBILIZATION	LS	1						\$16,000
SUMMANDE COLUMNINO										\$3,822
STATEMENT PROPERTY STATEME	3									\$1,034
CONCRETO INSTRUMENT CONCRETOR MAN PER CL 32	4									\$600
The Content of Cont	5									\$900
BA GAGGEGATE MASK, CLASS 6	6									\$0
9 BIT WARRING COURSE MIX (WESZORI) TON 65 \$99.00 \$64,85.00 \$0.00 0.00 1.00 1.00 1.00 1.00 1.00	7	SELECT GRANULAR BORROW	CY	150					0.00	\$0
10	8	AGGREGATE BASE, CLASS 6	TON	1,250					625.00	\$13,750
TACK COAFT STACK COAFT S	9	BIT WEARING COURSE MIX (WEA240B)	TON	65					0.00	\$0
12	10	BIT NON-WEARING COURSE MIX (WEB240B)	TON	65					0.00	\$0
33	11	TACK COAT	GAL	35					0.00	\$0
18 CONNECT DESITING WATERMANN EA 1 93,000.00 \$3,000 \$5,000 \$0,00 \$1,000 \$	12	8" CONCRETE APRON	SF	350					0.00	\$0
15 OF DP WATER MANN PRP, CL. 52 LF 120 \$110.00 \$110.000 \$50.00 0.00 L6 16 16 TOP WATER MANN PRP, CL. 52 LF 120 \$140.00 \$15,800.00 \$50.00 0.00 LF 1 \$1,980.00 \$15,800.00 \$50.00 0.00 LF 1 \$1,980.00 \$1,980.00 \$1,980.00 \$50.00 0.00 LF 1 \$1,980.00 \$1,980.00 \$1,980.00 \$50.00 0.00 LF 1 \$1,980.00 \$1,980.00 \$1,980.00 \$1,980.00 0.00 LF 1 \$1,980.00 \$1,980.00 \$1,980.00 \$1,980.00 0.00 LF 1 \$1,980.00 \$1,	13	4" CONCRETE WALK	SF	100	\$20.00	\$2,000.00		\$0.00	0.00	\$0
16	14	CONNECT TO EXISTING WATERMAIN	EA	1	\$2,300.00	\$2,300.00		\$0.00	0.00	\$0
17 6" GATE VALVE & BOX	15	6" DIP WATER MAIN PIPE, CL. 52	LF	10	\$110.00	\$1,100.00		\$0.00	0.00	\$0
18	16	16" DIP WATER MAIN PIPE, CL. 52	LF	120	\$140.00	\$16,800.00		\$0.00	0.00	\$0
19	17	6" GATE VALVE & BOX	EA	1	\$1,980.00	\$1,980.00		\$0.00	0.00	\$0
20 POLYETHYLENE ENCASEMENT	18	HYDRANT	EA	1	\$4,864.00	\$4,864.00		\$0.00	0.00	\$0
1 4' X 4' CATCH BASIN WITH GRATING	19	DIP FITTINGS	LB	700	\$2.50	\$1,750.00		\$0.00	0.00	\$0
22 1.5° CLEAR TOCK CY 16 576.00 \$1,216.00 \$0.00	20	POLYETHYLENE ENCASEMENT	LF	140	\$2.00	\$280.00		\$0.00	0.00	\$0
23 GEOTEXTILE FABRIC TYPE I 24 ISF RCP STORM SEME PIPE, CL V 25 ISF "APRON MYTRASH GUARD 26 HAND PLACED RIP RAP, CL III 27 IS STARON MYTRASH GUARD 28 GEOTEXTILE FABRIC TYPE IV 28 YS 37 \$3.00 3.01 3.01 3.01 3.01 3.01 3.01 3.01	21	4' X 4' CATCH BASIN WITH GRATING	EA	1	\$2,618.00	\$2,618.00		\$0.00	0.00	\$1
24 18" RCP STORM SEWER PIPE, CL.V	22	1.5" CLEAR TOCK	CY	16	\$76.00	\$1,216.00		\$0.00	0.00	\$1
24 18" RCP STORM SEWER PIPE, CL.V					\$6.00	\$180.00		\$0.00		\$1
25 18" APRON W/TRASH GUARD					\$68.00	\$6,120.00		\$0.00		\$1
26 HAND PLACED RIP RAP, CL III CY 10 \$92.00 \$92.00 \$0.00 0.00 0.00 0.00 0.00 0.00 0.00										\$1
27 GEOTEXTILE FABRIC TYPE IV 28 PREASSEMBLED SUFFERNE 19 1000 \$2.00 \$5.2.25 \$1.125.00 \$0.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25.00 \$5.00 \$25										\$0
28 PREASSEMBLED SILT FENCE					\$3.00	\$111.00				\$0
29 STRAW BIOROLL 10 ITEMPORARY SEEDING (MIX 22-111 WITH TYPE I MULCH) 30 TEMPORARY SEEDING (MIX 22-111 WITH TYPE I MULCH) 31 SEEDING (MIX 22-111 WITH FERTILIZER & HYDROMULCH) 31 SEEDING (MIX 22-111 WITH FERTILIZER & HYDROMULCH) 32 SUBTOTAL - DIVISION 1 33 SUBTOTAL - DIVISION 1 34 SUBTOTAL - DIVISION 1 35 S3,500.00 35 S3,600.00 36 S0,000 37 S3,600.00 38 S3,600.00 39 S3,600.00 30 DIVISION 2 - ELEVAIDE STORAGE TANK 1 INSURANCE AND BONDS 1 S 1 S47,900.00 2 ENGINEERING & APPROVAL 1 IS S137,474.00 3 TANK MATERIALS 1 S 1 S239,500.00 3 S239,500.00 3 S0,000 3 S0,000 3 S0,000 3 S0,000 3 S0,000 3 S0,000 3 S234,7300.00 4 TANK FABRICATION & SHIP 1 S 1 S43,400.00 5 S2,7700.00 5 S287,700.00 5 S0,000 1 0 S287,700.00 5 S0,000 1 0 S287,700.00 5 S0,000 1 0 S287,700.00 5 S0,000 5 S0,000 5 S0,000 1 0 S3,72,700.00 5 S0,000 5 S0,00						-				\$562
30 TEMPORARY SEEDING (MIX 22-111 WITH TYPE I MULCH) AC 1.5 \$4,000.00 \$6,000.00 \$0.00										\$0
SEEDING (MIX 25-131 WITH FERTILIZER & HYDROMULCH) AC 1.5 \$3,500.00 \$5,250.00 \$0.00 \$36,0										\$(
SUBTOTAL - DIVISION 1										\$0
1 INSURANCE AND BONDS	31		AC	1.3					0.00	\$36,668
1 INSURANCE AND BONDS										
2 ENGINEERING & APPROVAL LS 1 \$239,500.00 \$239,500.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.316,100.00 \$0.00				ļ .						
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 \$0.00 1.00 \$287,700.00 \$0.00 1.00 \$287,700.00 \$0.00 1.00 \$287,700.00 \$0.00 1.00 \$287,700.00 \$0.00 1.00 \$287,700.00 \$0.00 1.00 \$287,700.00 \$0.00 1.00 \$287,700.00 \$0.00 1.00 \$372,100.00 \$0.00 1.00 \$372,100.00 \$0.00 1.00 \$372,100.00 \$0.00 1.00 \$372,100.00 \$0.00 1.00 \$372,100.00 \$0.00 1.00 \$372,100.00 \$0.00 1.00 \$372,100.00 \$0.00 1.00 \$0.00 1.00 \$0.00 1.00 \$0.00 1.00 \$0.00 \$0.00 1.00 \$0.00										
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5 FOUNDATION CONSTRUCTION LS 1 \$413,400.00 \$413,400.00 \$0.00 0.95 \$392,7 6 CONCRETE SHAFT CONSTRUCTION LS 1 \$372,100.00 \$372,100.00 \$0.00 1.00 \$372, 7 TANK ERECTION (ON GROUND) LS 1 \$214,600.00 \$214,600.00 \$0.00 1.00 \$224,6 8 TANK PAINT (ON GROUND) LS 1 \$142,300.00 \$142,300.00 1.00 \$142,300.00 1.00 \$142,300.00 1.00 \$142,3 9 HOIST TANK LS 1 \$43,450.00 \$43,450.00 \$0.00 50.00 0.00 10 TANK PAINT (IN AIR) LS 1 \$74,200.00 \$74,200.00 \$0.00 50.00 0.00 11 STERILIZE AND TEST LS 1 \$976.00 \$976.00 \$0.00 0.00 12 ELECTRICAL LS 1 \$89,800.00 \$89,800.00 \$0.00 0.00 13 WATER TOWER CONTROL PANEL AND RTU LS 1 \$15,500.00 \$15,500.00 \$0.00 SUBTOTAL - DIVISION 2 \$2,257,526.00 \$142,300.00 \$2,000 TALS - BASE CONTRACT TAL CHANGE ORDER NO.1 0 1 \$0.00 \$0.00 \$0.00 \$0.00 10 \$8,744.00 \$5,744.00 \$0.	3	TANK MATERIALS								
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10 TANK PAINT (IN AIR) 15 1 \$74,200.00 \$74,200.00 \$0.00 0.00 11 STERILIZE AND TEST 15 1 \$976.00 \$976.00 \$0.00 0.00 12 ELECTRICAL 15 1 \$89,800.00 \$89,800.00 \$0.00 0.00 13 WATER TOWER CONTROL PANEL AND RTU 15 1 \$15,500.00 \$15,500.00 \$0.00 SUBTOTAL - DIVISION 2 \$2,257,526.00 \$142,300.00 \$2,008. TALS - BASE CONTRACT 52,395,000.00 \$0.00 \$0.00 \$142,300.00 \$2,008. TAL CHANGE ORDER NO.1 0 1 \$0.00 \$0.00 \$0.00 \$1,500.00 \$0.00 \$0.00 \$2,008.	8	TANK PAINT (ON GROUND)	LS	1	\$142,300.00	\$142,300.00	1.00	\$142,300.00	1.00	\$142,30
11 STERILIZE AND TEST 12 ELECTRICAL 13 WATER TOWER CONTROL PANEL AND RTU 15 1 \$89,800.00 \$89,800.00 \$0.00 0.00 13 WATER TOWER CONTROL PANEL AND RTU 15 1 \$15,500.00 \$15,500.00 \$0.00 SUBTOTAL - DIVISION 2 TALS - BASE CONTRACT 52,395,000.00 \$142,300.00 \$2,008.10 TAL CHANGE ORDER NO.1 0 1 \$0.00 \$0.00 \$89,800.00 \$0.00 \$1,42,300.00 \$2,008.10 \$2,008.10 TAL CHANGE ORDER NO.1 0 1 \$0.00 \$0.00 \$0.00 \$0.00	9	HOIST TANK	LS	1	\$43,450.00	\$43,450.00		\$0.00	0.00	\$1
12 ELECTRICAL LS 1 \$89,800.00 \$89,800.00 \$0.00 0.00 13 WATER TOWER CONTROL PANEL AND RTU LS 1 \$15,500.00 \$15,500.00 \$0.00 0.00 SUBTOTAL - DIVISION 2 \$2,257,526.00 \$142,300.00 \$2,008,70 \$2,008,70 \$2,008,70 \$2,008,70 \$2,004,40 \$2,004,40 \$3,00	10	TANK PAINT (IN AIR)	LS	1	\$74,200.00	\$74,200.00		\$0.00	0.00	\$
13 WATER TOWER CONTROL PANEL AND RTU LS 1 \$15,500.00 \$15,500.00 \$0.00 0.00 SUBTOTAL - DIVISION 2 \$2,257,526.00 \$142,300.00 \$2,008.20 TALS - BASE CONTRACT \$2,395,000.00 \$142,300.00 \$2,044,40 TAL CHANGE ORDER NO.1 0 1 \$0.00 \$	11	STERILIZE AND TEST	LS	1	\$976.00	\$976.00		\$0.00	0.00	\$
SUBTOTAL - DIVISION 2 \$2,257,526.00 \$142,300.00 \$2,008.3 TALS - BASE CONTRACT \$2,395,000.00 \$142,300.00 \$2,044,4 TAL CHANGE ORDER NO.1 0 1 \$0.00 \$0.00 \$0.00 0.00 TAL CHANGE ORDER NO.2 0 1 \$8,744.00 \$8,744.00 \$0.00 0.00	12	ELECTRICAL	LS	1	\$89,800.00	\$89,800.00		\$0.00	0.00	\$1
TALS - BASE CONTRACT \$2,395,000.00 \$142,300.00 \$2,044,41 TAL CHANGE ORDER NO.1 0 1 \$0.00 \$0.00 \$0.00 0.00 TAL CHANGE ORDER NO.2 0 1 \$8,744.00 \$8,744.00 \$0.00 0.00	13	WATER TOWER CONTROL PANEL AND RTU	LS	1	\$15,500.00	\$15,500.00		\$0.00	0.00	\$1
TAL CHANGE ORDER NO.1 0 1 \$0.00 \$0.00 \$0.00 0.00 TAL CHANGE ORDER NO.2 0 1 \$8,744.00 \$8,744.00 \$0.00 0.00		SUBTOTAL - DIVISION 2				\$2,257,526.00		\$142,300.00		\$2,008,14
TAL CHANGE ORDER NO.2 0 1 \$8,744.00 \$8,744.00 \$0.00 0.00	TALS - BASE CONTRACT					\$2,395,000.00		\$142,300.00		\$2,044,80
TAL CHANGE ORDER NO.2 0 1 \$8,744.00 \$8,744.00 \$0.00 0.00	TAL CHANGE ORDER NO.1			1	\$0.00	\$0.00		\$0.00	0.00	\$
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TALS - REVISED CONTRACT \$2,403,744.00 \$142,300.00 \$2,044,8	CIT		U	1	ÇO,, 11.00	Ç0,7 11 .00		Ş0.00	0.00	Ş
	ALS - R	EVISED CONTRACT				\$2,403,744.00		\$142,300.00		\$2,044,80