## **BOARD OF SUPERVISORS**

**MADISON COUNTY, MISSISSIPPI** 

Department of Engineering Tim Bryan, P.E., County Engineer 3137 South Liberty Street, Canton, MS 39046 Office (601) 790-2525 FAX (601) 859-3430

## **MEMORANDUM**

July 1, 2021

To: Sheila Jones, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
Karl Banks, Supervisor, District IV
Paul Griffin, Supervisor, District V

From: Tim Bryan, P.E., PTOE

County Engineer

Re: Summary Change Order/Project Closeout

Onsite Water and Sewer Utilities, Project Pine

The Engineering Department recommends approval of this Summary Change Order with Hemphill Construction. This CO includes quantity adjustments for the completed work with no additional cost beyond the original contract price. It is also requested the President be authorized to sign the attached form.



July 1, 2021

Tim Bryan, P.E.
County Engineer, Madison County, Mississippi
3137 South Liberty Street
Canton, Mississippi 39046

Re: Project Pine – <u>Onsite Utilities – Water and Sewer</u>

Contractor Summary Change Order Close Out Hemphill Construction MCEDA Madison Mega Site Utility Infrastructure in Support of Project Pine

Dear Mr. Bryan,

Please find attached Contractor Summary Change Order for construction of the Onsite Mega Site Water and Sewer Utilities for Hemphill Construction Inc.

Work has been completed and this Summary Change Order closes all quantity adjustments for the completed work with No additional cost beyond the original contract price.

Civil-Link recommends approval by the Board of Supervisors.

Please let me know if you have any questions or comments.

Sincerely,

Chad A. Wages, P.E. Engineering Manager

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Civil-Link

## **Change Order**

Hemphill Constru PO Drawer 879 Florence, MS 39	uction Company, Inc.	Distr		Project Pi  Office Other	ne Onsite Water and Se	wei
Project:	Project Pine Onsite Water and Sewer II 1978 Hwy 22	Contract Number:			ine Onsite Water and Se	-W
	Canton, MS 39046	Proposed Change Orde	er#: PCO	CO-1 Cha	ange Order 1 Final Sumn	nar
To (Contractor):	Hemphill Construction Company, Inc. PO Drawer 879 Florence, MS 39073	Change Order Date :	06/15/2	21		

You are directed to make the following changes in this Contract:

0.0			inge	s iii uiis con	uact.		
C.O.	0	Change					
Item	Contract Item	in Days	UM	Units	Description	<b>Unit Price</b>	Amount
CO1-1	CO1-1		AC	-1.500	Clearing & Grubbing (18") (Stripping Included	500.00000	-750.00
CO1-2	CO1-2		LF	-3,500.000	Silt Fence	3.50000	-12,250.00
CO1-3	CO1-3		LF	-2,130.000	20" Wattles	2.50000	-5,325.00
CO1-4	CO1-4		LF	-29.000	4" C-900 Water Line (ALL DEPTHS)	30.00000	-870.00
CO1-5	CO1-5		LF	64.000	12" C-900 Water Line (ALL DEPTHS)	40.00000	2,560.00
CO1-6	CO1-6		LF	-238.000	16" C-900 Water Line (ALL DEPTHS)	44.00000	-10,472.00
CO1-7	CO1-7		LF	30.000	18" C-900 Water Line (ALL DEPTHS)	54.00000	1,620.00
CO1-8	CO1-8		LF	-50.000	24" C-900 Water Line (ALL DEPTHS)	90.00000	-4,500.00
CO1-9	CO1-9		LF	-125.000	18" Steel Casing (Sch 40)(Jack & Bore)	350.00000	-43,750.00
CO1-10	CO1-10		LF	25.000	24" Steel Casing (Sch 40)(Jack & Bore)	400.00000	10,000.00
CO1-11	CO1-11		LF	35.000	36" Steel Casing (Sch 40)(Open Cut)	250.00000	8,750.00
CO1-12	CO1-12		LF	5.000	36" Steel Casing (Sch 40)(Jack & Bore)	560.00000	2,800.00
CO1-13	CO1-13		EA	-24.000	Restrained Joints (Various Sizes) (12", 16", 1	380.00000	-9,120.00
CO1-14	CO1-14		EA	1.000	4" Gate Valve	750.00000	750.00
CO1-15	CO1-15		EA	3.000	12" Gate Valve	3,000.00000	9,000.00
CO1-16	CO1-16		EA	2.000	16" Gate Valve	5,900.00000	11,800.00
CO1-17	CO1-17		LB	-15,798.000	Ductile Iron Fittings	1.00000	-15,798.00
CO1-18	CO1-18		AC	-6.500	Grassing and Mulching	1,450.00000	-9,425.00
CO1-19	CO1-19		LF	-135.000	8" SDR-21 PVC Force Main	15.00000	-2,025.00
CO1-20	CO1-20		LF	-26.000	10" SDR-26 PVC Gravity Sewer (12/16)	55.00000	-1,430.00
CO1-21	CO1-21		LF	-10.000	12" SDR-26 PVC Gravity Sewer (12/16)	65.00000	-650.00
CO1-22	CO1-22		CY	-5.000	Miscellaneous Concrete (Added Thrust Block	125.00000	-625.00
CO1-23	CO1-23		LF	80.000	16" C-900 Water Pipe - Material Only	31.39000	2,511.20
CO1-24	CO1-24		LF	60.000	24" C-900 Water Pipe - Material Only	71.90000	4,314.00
CO1-25	CO1-25		LF	15.000	24" Steel Casing (Sch 40) - Material Only	63.33000	949.95
CO1-26	CO1-26		LF	100.000	8" SDR-21 PVC Force Main Pipe - Material (	6.35000	635.00
CO1-27	CO1-27		LF	28.000	10" SDR-26 PVC Gravity Sewer Pipe - Mater	8.10000	226.80
CO1-28	CO1-28		LF	14.000	12" SDR-26 PVC Gravity Sewer Pipe - Mater	11.55000	161.70
CO1-29	CO1-29		LF	145.000	18" Steel Casing (Sch 40)(Open Cut)	175.00000	25,375.00
CO1-30	CO1-30		LS		Added L&E for Added Depth		35,536.35
					Total For Change Order:		0.00
							0.00

## **Change Order**

	Change Order			
Hemphill Construction Company, Inc. PO Drawer 879 Florence, MS 39073		Distribution	Project Pine Ons  Office Other	site Water and Sewer
			) Other	
				·
Not valid until signed by both the Owner and agreement herewith, including any adjustme	Architect. Signature of the Content in the Contract Sum or Contract	ractor indicates th t Time.	ne Contractor's	
The original Contract Sum was				1,419,980.00
The net change by previously authori The Contract Sum prior to this Chang				0.00 1,419,980.00
The Contract Sum will be increased by The new Contract Sum will be	by this Change Order			0.00 1,419,980.00
Authorized By Owner:	Accepted By Contractor:		Architect/Enginee	
Madison County - Board of Supervisors 146 W. Center St	Hemphill Construction Compar PO Drawer 879	y, Inc.	Civil Link 137 Executive	Dr Suite F
Canton, MS 39046	Florence, MS 39073	2 ,	Madison, MS	
By:	By. Kich M		By:	// // // // //

1 Hemphill Construction Company, Inc. Date Format - MM/DD/YY

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06/15/21 03:14:30 PM PMPendChangeOrder.rpt MCEDA: Project Pine Water & Sewer Improvements

Canton, MS

H20141 Est #5 (05.2021) FINAL OVER/UNDER May 1, 2021 Through May 31, 2021

Α		B B	Construction			С	D1	D2	D3	E1	E2	F	G			Н	1
							Qty Completed					Materials	Total Completed &				
							To Date	Qty Completed				Presently Stored	Stored To Date	% Comp.	Balance To Finish		Retainage
Item No.	Pay Item No.	Description of Item	Qty	Unit	Cost Per Unit	Total Cost	(D2+D3)	Previous Appl.	Qty This Period	<b>Previous Total</b>	Current Total	(Not in E1 Or E2)	(E1+E2+F)	(G/C)	Units	Value	Applicable
1	1	Mobilization (6% of Contract Price)(10/40, 25/60, 80/90)	1	LS	\$ 80,000.00	\$ 80,000.00	1.00	1.00	0.00	\$ 80,000.00	\$ -	\$ -	\$ 80,000.00	100.00%	0.00		\$ 4,000.
2	2	Maintenance of Traffic		LS	\$ 2,500.00	\$ 2,500.00	1.00	1.00	0.00		-	\$ -	\$ 2,500.00	100.00%	0.00		\$ 125.
3	3	Clearing & Grubbing (18") (Stripping Included in this Item)	10		\$ 500.00	\$ 5,000.00	8.50	8.50		<u> </u>	\$ -	\$ -	\$ 4,250.00	85.00%	1.50		
4	4	Silt Fence	3500		\$ 3.50	\$ 12,250.00						\$ -	\$ -	0.00%	3,500.00	\$ 12,250.00	1.
5	5	20" Wattles	2500	LF	\$ 2.50	\$ 6,250.00	370.00	370.00	0.00	\$ 925.00	\$ -	\$ -	\$ 925.00	14.80%	2,130.00		<u> </u>
6	6	4" C-900 Water Line (ALL DEPTHS)	35	LF	\$ 30.00	\$ 1,050.00	6.00	6.00	0.00	•		\$ -	\$ 180.00	17.14%	29.00		
7	7	12" C-900 Water Line (ALL DEPTHS)	300		\$ 40.00	\$ 12,000.00	300.00	364.00	-64.00	· ·		\$ -	\$ 12,000.00	100.00%	0.00		\$ 600
8	8	16" C-900 Water Line (ALL DEPTHS)	6120	LF	\$ 44.00	\$ 269,280.00	5882.00	5882.00	0.00	\$ 258,808.00	\$ -	\$ -	\$ 258,808.00	96.11%	238.00	\$ 10,472.00	
9	9	18" C-900 Water Line (ALL DEPTHS)	4450	LF	\$ 54.00	\$ 240,300.00	4450.00	4480.00	-30.00			\$ -	\$ 240,300.00	100.00%	0.00	•	\$ 12,015
10	10	24" C-900 Water Line (ALL DEPTHS)	1230	LF	\$ 90.00	\$ 110,700.00	1180.00	1180.00	0.00			\$ -	\$ 106,200.00	95.93%	50.00		
11	11	18" Steel Casing (Sch 40)(Jack & Bore)	125		\$ 350.00	\$ 43,750.00	0.00	145.00	-145.00				\$ -	0.00%	125.00		
12	12	24" Steel Casing (Sch 40)(Jack & Bore)	270		\$ 400.00	\$ 108,000.00	270.00		T-000000000000000000000000000000000000	A CONTRACTOR OF THE PARTY OF TH		1	\$ 108,000.00	100.00%	0.00		\$ 5,400
13	13	36" Steel Casing (Sch 40)(Open Cut)	40		\$ 250.00	\$ 10,000.00	40.00	75.00					\$ 10,000.00	100.00%	0.00		\$ 500
14	14	36" Steel Casing (Sch 40)(Jack & Bore)	185		\$ 560.00	\$ 103,600.00	185.00	190.00				\$ -	\$ 103,600.00	100.00%	0.00		\$ 5,180
15	15	Restrained Joints (Various Sizes) (12", 16", 18", 24")	30	EA	\$ 380.00	\$ 11,400.00	6.00	6.00	0.00	\$ 2,280.00		\$ -	\$ 2,280.00	20.00%	24.00		
16	16	4" Gate Valve	1	EA	\$ 750.00	\$ 750.00	1.00	2.00	-1.00			2000	\$ 750.00	100.00%	0.00		\$ 37
17	17	12" Gate Valve	. 2	EA	\$ 3,000.00	\$ 6,000.00	2.00	5.00	-3.00				\$ 6,000.00	100.00%	0.00		\$ 300
18	18	16" Gate Valve		EA	\$ 5,900.00	\$ 35,400.00		- 100 610	HX725305	1.C. Com Control mentions		\$ -	\$ 35,400.00	100.00%	0.00		\$ 1,770
19	19	18" Gate Valve	6	EA	\$ 9,200.00	\$ 55,200.00	6.00	6.00	0.00	\$ 55,200.00	\$ -	\$ -	\$ 55,200.00	100.00%	0.00		\$ 2,760
20	20	Fire Hydrant Assembly (ALL DEPTHS & SIZES)	11	EA	\$ 5,500.00	\$ 60,500.00	11.00	11.00			\$ -	\$ -	\$ 60,500.00	100.00%		11.00	\$ 3,025
21	21	Connect to Existing Water (Hot Tap)(12") BY OTHERS ADD. #1	0	EA	\$	\$ -	0.00			•	\$ -	\$ -	\$ -	#DIV/0!	0.00	30.5	\$
22	22	Ductile Iron Fittings	27000	LB	\$ 1.00	\$ 27,000.00	11202.00	11202.00	0.00			\$ -	\$ 11,202.00	41.49%			
23	23	Grassing and Mulching	10.5	AC	\$ 1,450.00	\$ 15,225.00	4.00	The state of the s		NEW CONTRACTOR OF THE PARTY OF		\$ -	\$ 5,800.00	38.10%			
24	24	8" SDR-21 PVC Force Main	4350		\$ 15.00	\$ 65,250.00	4215.00	4215.00	0.00	\$ 63,225.00	\$ -	\$ -	\$ 63,225.00	96.90%			
25	25	8" SDR-26 PVC Gravity Sewer (12/16)	350	LF	\$ 50.00	\$ 17,500.00	350.00	350.00	0.00	\$ 17,500.00	\$ -	\$ -	\$ 17,500.00	100.00%			\$ 875
26	26	10" SDR-26 PVC Gravity Sewer (12/16)	910	LF	\$ 55.00	\$ 50,050.00	884.00	884.00	0.00	\$ 48,620.00	\$ -	\$ -	\$ 48,620.00	97.14%			\$ 2,431
27	27	12" SDR-26 PVC Gravity Sewer (12/16)	10	LF	\$ 65.00	\$ 650.00	0.00	0.00	0.00		\$ -	\$ -	\$ -	0.00%		-	
28	28	Air Release Valve (Includes 48" MH)	3	EA	\$ 4,500.00	\$ 13,500.00	3.00	3.00	0.00	\$ 13,500.00	\$ -	\$ -	\$ 13,500.00	100.00%	0.00		· ·
29	29	Tie 8" SDR-26 PVC Pipe to MH 6 (EOP)(14/16)	1	EA	\$ 1,000.00	\$ 1,000.00	1.00	1.00	0.00	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	100.00%	0.00		Y
30	30	Sewer Manhole (12/14)	3	EA	\$ 7,000.00	\$ 21,000.00	3.00	3.00	0.00	\$ 21,000.00	\$ -	\$ -	7	100.00%	0.00		7 2,000
31	31	Sewer Manhole (14/16)	3	EA	\$ 8,000.00	\$ 24,000.00	3.00	3.00	0.00			\$ -	\$ 24,000.00	100.00%			\$ 1,200
32	32	Sewer Manhole (16/18)		EA	\$ 9,000.00	\$ 9,000.00	1.00					\$ -	\$ 9,000.00	100.00%			7
33	33	Miscellaneous Concrete (Added Thrust Blocking, Etc per ENG)	15	CY	\$ 125.00	\$ 1,875.00	10.00	10.00	0.00	\$ 1,250.00	\$ -	\$ -	\$ 1,250.00	66.67%	5.00		
tal Base Bid Co	ontract					\$ 1,419,980.00				\$ 1,401,020.00	\$ (98,030.00	\$ -	\$ 1,302,990.00	91.8%		\$ 116,990.00	\$ 65,149

MCEDA: Project Pine Water & Sewer Improvements

Canton, MS

H20141 Est #5 (05.2021) FINAL OVER/UNDER

Α	gh May 31, 2021	В		Electrical Control		С	D1	D2	D3	E1	E2	F	G			Н	1
							Qty Completed					Materials	Total Completed &				
							To Date	Qty Completed				Presently Stored	Stored To Date	% Comp.	Balance To Finish	Balance To Finish -	A
Item No.	Pay Item No.	Description of Item	Qty	Unit	Cost Per Unit	Total Cost	(D2+D3)	Previous Appl.	Qty This Period	Previous Total	Current Total	(Not in E1 Or E2)	(E1+E2+F)	(G/C)	Units	Value	Applicable 5
																	Topics and
		Change Order No. 1										A CONTRACTOR OF THE PARTY OF TH	A	0.00%	(1.50)	\$ (750.00)	1) \$ -
CO1-1	3	Clearing & Grubbing (18") (Stripping Included in this Item)	-1.5		\$ 500.00						T	Y	\$ -	0.00%			
CO1-2	4	Silt Fence	-3500		\$ 3.50						7	\$ -	\$ -	270000000000000000000000000000000000000	(3,500.00)		
CO1-3	5	20" Wattles	-2130		\$ 2.50						343	\$ -	\$ -	0.00%	(2,130.00)		
CO1-4	6	4" C-900 Water Line (ALL DEPTHS)	-29		\$ 30.00					7.	\$ -	Y	\$ -	0.00%	(29.00)		
CO1-5	7	12" C-900 Water Line (ALL DEPTHS)	64		\$ 40.00				100 700 000		Ť -/	\$ -	\$ 2,560.00	100.00%	0.00		\$ 128.0
CO1-6	8	16" C-900 Water Line (ALL DEPTHS)	-238		\$ 44.00						T	\$ -	\$ -	0.00%	(238.00)		
CO1-7	9	18" C-900 Water Line (ALL DEPTHS)	30		\$ 54.00		30.00				\$ 1,620.00			100.00%	0.00	\$ -	\$ 81.0
CO1-8	10	24" C-900 Water Line (ALL DEPTHS)	-50		\$ 90.00		0.00				•	\$ -	\$ -	0.00%	(50.00)		
CO1-9	11	18" Steel Casing (Sch 40)(Jack & Bore)	-125		\$ 350.00	\$ (43,750.00)	0.00	0.00			т.	\$ -	\$ -	0.00%	(125.00)	\$ (43,750.00)	
CO1-10	12	24" Steel Casing (Sch 40)(Jack & Bore)	25		\$ 400.00	\$ 10,000.00	25.00	0.00	25.00	\$ -	\$ 10,000.00			100.00%	0.00		\$ 500.0
CO1-11	13	36" Steel Casing (Sch 40)(Open Cut)	35	LF	\$ 250.00	\$ 8,750.00	35.00	0.00	35.00	\$ -	\$ 8,750.00	\$ -	\$ 8,750.00	100.00%	0.00		\$ 437.5
CO1-12	14	36" Steel Casing (Sch 40)(Jack & Bore)	5	LF	\$ 560.00	\$ 2,800.00	5.00	0.00	5.00	\$ -	\$ 2,800.00	\$ -	\$ 2,800.00	100.00%	0.00	1000	\$ 140.0
CO1-13	15	Restrained Joints (Various Sizes) (12", 16", 18", 24")	-24	EA	\$ 380.00	\$ (9,120.00)	0.00	0.00	0.00	\$ -	\$ -	\$ -	T.	0.00%			
CO1-14	16	4" Gate Valve	1	EA	\$ 750.00	\$ 750.00	1.00	0.00	1.00	\$ -	\$ 750.00	\$ -		100.00%			\$ 37.5
CO1-15	17	12" Gate Valve	3	EA	\$ 3,000.00	\$ 9,000.00	3.00	0.00	3.00	\$ -	\$ 9,000.00	\$ -	\$ 9,000.00	100.00%			\$ 450.0
CO1-16	18	16" Gate Valve	2	EA	\$ 5,900.00	\$ 11,800.00	2.00	0.00	2.00	\$ -	\$ 11,800.00	\$ -	\$ 11,800.00	100.00%			
CO1-17	22	Ductile Iron Fittings	-15798	LB	\$ 1.00	\$ (15,798.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	0.00%	(15,798.00)	\$ (15,798.00	1) \$ -
CO1-18	23	Grassing and Mulching	-6.5	AC	\$ 1,450.00	\$ (9,425.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	0.00%	(6.50)	\$ (9,425.00	0) \$ -
CO1-19	24	8" SDR-21 PVC Force Main	-135	LF	\$ 15.00	\$ (2,025.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	0.00%	(135.00)	\$ (2,025.00	0) \$ -
CO1-20	26	10" SDR-26 PVC Gravity Sewer (12/16)	-26	LF	\$ 55.00	\$ (1,430.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	0.00%	(26.00)	\$ (1,430.00	1) \$ -
CO1-21	27	12" SDR-26 PVC Gravity Sewer (12/16)	-10		\$ 65.00			0.00	0.00	\$ -	\$ -	\$ -	\$ -	0.00%	(10.00)	\$ (650.00	1) \$ -
CO1-22	33	Miscellaneous Concrete (Added Thrust Blocking, Etc per ENG)		CY	\$ 125.00				0.00	\$ -	\$ -	\$ -	\$ -	0.00%	(5.00)	\$ (625.00	0) \$ -
CO1-23	CO1-23	16" C-900 Water Pipe - Material Only	80.00		\$ 31.39				0.00	\$ 2,511.20	\$ -	\$ -	\$ 2,511.20	100.00%	0.00	\$ -	\$ 125.
CO1-24	CO1-24	24" C-900 Water Pipe - Material Only	60.00		\$ 71.90	\$ 4,314.00	60.00	60.00	0.00	\$ 4,314.00	\$ -	\$ -	\$ 4,314.00	100.00%	0.00	\$ -	\$ 215.
CO1-25	CO1-25	24" Steel Casing (Sch 40) - Material Only	15.00	1,000	\$ 63.33				0.00	\$ 949.95	\$ -	\$ -	\$ 949.95	100.00%	0.00	\$ -	\$ 47.
CO1-26	CO1-26	8" SDR-21 PVC Force Main Pipe - Material Only	100.00	_	\$ 6.35				0.00		\$ -	\$ -	\$ 635.00	100.00%	0.00	\$ -	\$ 31.
CO1-27	CO1-27	10" SDR-26 PVC Gravity Sewer Pipe - Material Only	28.00		\$ 8.10							\$ -	\$ 226.80	100.00%	0.00	\$ -	\$ 11.
CO1-28	CO1-28	12" SDR-26 PVC Gravity Sewer Pipe - Material Only	14.00		\$ 11.55						\$ -	\$ -	\$ 161.70	100.00%	0.00	\$ -	\$ 8.
CO1-29	CO1-29	18" Steel Casing (Sch 40)(Open Cut)	145.00		\$ 175.00		75.5 (2				\$ 25,375.00	\$ -	\$ 25,375.00	100.00%	0.00	\$ -	\$ 1,268.
CO1-30	CO1-30	Added L&E for Added Depth	1.00		\$ 35,536.35						\$ 35,536.35		\$ 35,536.35	100.00%	0.00	\$ -	\$ 1,776.
Total Change Orde		10000 101 101 10000 0 opti	2.00			Ś -				\$ 8,798.65			\$ 116,990.00	#DIV/0!		\$ (116,990.00	0) \$ 5,849
otal Change Olde	110. 1														A		
Total Original Con	tract w/ CO1					\$ 1,419,980.00	1			\$ 1,409,818.65	\$ 10,161.35	Š -	\$ 1,419,980.00	100.0%		Ś -	\$ 70,999.