

There came on for consideration at a duly constituted meeting of the Mayor and Members of the City Council of the City of Hattiesburg, Mississippi, held on the 6th day of **November, 2018**, the following Resolution:

RESOLUTION 2018-179

The City Council of the City of Hattiesburg, Mississippi (the “City”) acting for and on behalf of the City, took up for consideration the matter of requesting and authorizing Requisition No. **29** from the Project Fund Construction Account in connection with the loan agreement between the Mississippi Development Bank and the City dated August 18, 2016.

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HATTIESBURG, MISSISSIPPI (THE “CITY”) AUTHORIZING REQUISITION NO. 29 FROM THE PROJECT FUND CONSTRUCTION ACCOUNT IN CONNECTION WITH THAT CERTAIN LOAN AGREEMENT, DATED AS OF AUGUST 18, 2016, BY AND BETWEEN THE MISSISSIPPI DEVELOPMENT BANK AND THE CITY.

Whereas, on August 18, 2016 the City entered into a loan with the Mississippi Development Bank in an amount not to exceed \$25,000,000 (the “Loan”) pursuant to the terms and conditions of that certain loan agreement, dated as of August 18, 2016, by and between the Mississippi Development Bank and the City (the “Loan Agreement”).

Whereas, the City Council of the City now finds it necessary to approve Requisition No. **29** from the Project Fund Construction Account under the Loan in the total aggregate amount of **\$374,498.12** for the purpose of paying Water & Sewer Projects in connection with the loan as more particularly described in Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HATTIESBURG, MISSISSIPPI:

SECTION 1. The City Council of the City hereby authorizes and approves Requisition No. **29** from the Project Fund Construction Account under the Loan in the total aggregate amount of **Three Hundred Seventy-Four Thousand Four Hundred Ninety-Eight and 12/100 dollars (\$374,498.12)** for the purpose of paying Water & Sewer Projects in connection with the loan as more particularly described in Exhibit A.

SECTION 2. The City Council hereby directs Regions Bank, as Trustee to disburse funds of Requisition No.**29** in the total aggregate amount of **Three Hundred Seventy-Four Thousand Four Hundred Ninety-Eight and 12/100 dollars (\$374,498.12)** as authorized herein, as more particularly described in Exhibit A.

SECTION 3. The Mayor and City Clerk are hereby authorized and directed for and on behalf of the City to take any and all action as may be required by the City to carry out and give effect to the aforesaid documents authorized pursuant to this Resolution and to execute all papers, documents, certificates and other instruments that may be required for the carrying out of the authority conferred by this Resolution in order to evidence the authority.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council Vice President Dryden seconded by Council Member Brown, and was adopted by the following vote, to wit:

YEAS:

George

Delgado

Carroll

Dryden

Brown

NAYS:

None

ABSENT:

None

The President thereby declared the motion carried and the Resolution adopted this the 6th day of **November, 2018**.

(S.E.A.L.)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution, having been submitted to and approved by the Mayor, this the 6th day of **November, 2018**.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

EXHIBIT A

PROJECT FUND CONSTRUCTION ACCOUNT REQUISITION

PROJECT FUND CONSTRUCTION ACCOUNT REQUISITION

RE: \$25,000,000.00 Mississippi Development Bank Taxable Special Obligation Bonds, Series 2016 (Hattiesburg, Mississippi Combined Water and Sewer System Construction Project) (the "Series 2016 Bonds") secured by \$25,000,000.00 Taxable Promissory Note (Hattiesburg, Mississippi Combined Water and Sewer System Construction Project), dated August 18, 2016 (the "Series 2016 Note").

TO: Regions Bank
400 West Capitol, 7th Floor
Little Rock, AR 72201
ATTN: Corporate Trust Department

REQUISITION NO.: 29

DATE OF REQUISITION: 11/6/2018

Item #	Payee Name & Address	Budget Line Item	Payment Amount	Invoice #	Purpose of Payment
1	C B Developers, Inc. 1716 Evelyn Gandy Pkwy., Suite 40 Hattiesburg, MS 39401	093695.7220.70	289,628.83	Pay Est 2	Sewer Improvements Ph VIII - Camp St. Area Period: 8/26/18 - 9/30/18 MB: 2018-108
2	C B Developers, Inc. 1716 Evelyn Gandy Pkwy., Suite 40 Hattiesburg, MS 39401	093695.7220.54	25,674.29	Pay Est 9	Sewer Improvements Ph V Period: 8/26/18 - 9/30/18 MB: 2017-403
3	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.75	11,725.00	20468	CIPP Project Period: 8/26/18 - 9/22/18 MB 2011-4/89-110 SDW #11256
4	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7295.70	13,235.00	20466	Water Plant #1 Rehabilitation Period: 8/26/18 - 9/22/18 MB 2017-81 SDW #1273-W015
5	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.72	3,172.50	20465	Sewer Improvements Phase X - Quinn St. Area Period: 8/26/18 - 9/22/18 MB 2011-4/89-110

Item #	Payee Name & Address	Budget Line Item	Payment Amount	Invoice #	Purpose of Payment
6	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.70	16,807.50	20464	SDW #1273-S011 Sewer Improvements Ph VIII - Camp St. Area Period: 8/26/18 - 9/22/18 MB 2011-4/89-110 SDW #1273-S010
7	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7245.62	1,217.50	20459	Water Improvements Ph V Period: 8/26/18 - 9/22/18 MB 2011-4/89-110 SDW # 1273-W013
8	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7245.51	3,205.00	20458	Water Ph II - Palmers Crossing Period: 8/26/18 - 9/22/18 MB 2011-4/89-110 SDW #1273-W007
9	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.54	4,582.50	20456	Sewer Improvements Ph V Period: 8/26/18 - 9/22/18 MB 2011-4/89-110 & 2012-1/413 SDW Project# 1273-S005
10	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.51	5,250.00	20457	Sewer Improvements Ph XII Period: 8/26/18 - 9/22/18 MB 2011-4/89-110 SDW #1273-S012
			374,498.12		



Engineering Progress

October 11, 2018

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403-1898

Attn: Lamar Rutland, P.E.

**Re: Comprehensive Sewer/Water Improvements – Phase VIII
Camp Street Area
City of Hattiesburg**

Dear Lamar:

Enclosed please find Pay Estimate No. 2 for the above referenced project in the amount of \$289,628.83.

Should you have any questions and/or comments, please, do not hesitate to contact me.

Sincerely,

John T. Weeks, P.E.
Project Engineer

/aa

Enclosure

cc: C.B. Developers
SDW

RECEIVED
10/12/18

093695.1220.70

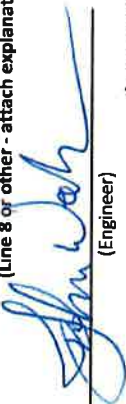
mB 2018-108

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

G:\PROJECTS\Hattiesburg_City OF\1273-5010 - Comswip Sewer Phase VIII - Camp St Area\Corres\1273-5010_Pay Estimate No. 2_Transmittal.Docx

Contractor's Application For Payment No. 2

1. ORIGINAL CONTRACT PRICE	\$	3,721,611.76
2. Net change by Change Orders	\$	-
3. CURRENT CONTRACT PRICE (LINE 1 + 2)	\$	3,721,611.76
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimates)	\$	748,908.77
5. RETAINAGE:		
a. 5.0 % x Work Completed	\$	16,236.77
b. 5.0% x Stored Material	\$	21,208.67
c. Total Retainage (line 5a + line 5b)	\$	37,445.44
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)	\$	711,463.33
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	\$	421,834.50
8. AMOUNT DUE THIS APPLICATION	\$	289,628.83
9. BALANCE TO FINISH, PLUS RETAINAGE		
(Column G on Progress Estimate + Line 5 above)	\$	3,010,148.43

Payment of:	\$289,628.83	(Line 8 or other - attach explanation of other amount)
Is recommended by:		10/11/18 (Date)
Payment of:	\$289,628.83	(Line 8 or other - attach explanation of other amount)
Is approved by:	(Owner)	(Date)
Is approved by:	(Owner)	(Date)
Approved by:	(Funding Agency, if applicable)	(Date)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

COMPREHENSIVE SEWER/WATER PHASE 8			8/26/2018		9/30/2018		9/30/2018		Application Number: 2		30-Aug-18	
Application Period:			8/26/2018		TO		9/30/2018		Application Date:			
Pay Item	A	Bid Quantity	Unit Price	B	C	D	E	F	G			
	Item Description			Bid Value	Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	Balance to Finish (B - F)	% (F)		
CAMP STREET AREA												
SEWER PIPE ITEMS												
1	8" SDR-26 PVC SEWER PIPE (0-6')	2109.0	\$ 48.54	\$ 102,370.86		\$ -	\$ 9,448.32	\$ 9,448.32	\$ 92,922.54	9%	\$	
2	8" SDR-26 PVC SEWER PIPE (6'-8')	5576.0	\$ 50.96	\$ 284,152.96		\$ -	\$ 24,980.48	\$ 24,980.48	\$ 259,172.48	9%	\$	
3	8" SDR-26 PVC SEWER PIPE (8'-10')	2961.0	\$ 53.38	\$ 158,058.18	651.00	\$ 34,750.38	\$ 10,348.80	\$ 45,099.18	\$ 112,959.00	29%	\$	
4	8" SDR-26 PVC SEWER PIPE (10'-12')	863.0	\$ 55.81	\$ 48,164.03	178.00	\$ 9,934.18	\$ 3,068.80	\$ 13,002.98	\$ 35,161.05	27%	\$	
5	8" SDR-26 PVC SEWER PIPE (12'-14')	249.0	\$ 59.44	\$ 14,800.56		\$ -	\$ 1,115.52	\$ 1,115.52	\$ 13,685.04	8%	\$	
6	10" SDR-26 PVC SEWER PIPE (0-6')	25.0	\$ 51.64	\$ 1,291.00		\$ -	\$ 176.00	\$ 176.00	\$ 1,115.00	14%	\$	
7	10" SDR-26 PVC SEWER PIPE (6'-8')	351.0	\$ 54.06	\$ 18,975.06	100.00	\$ 5,406.00	\$ 1,767.04	\$ 7,173.04	\$ 11,802.02	38%	\$	
8	10" SDR-26 PVC SEWER PIPE (8'-10')	325.0	\$ 56.48	\$ 18,356.00	222.29	\$ 12,554.94	\$ 723.08	\$ 13,278.02	\$ 5,077.98	72%	\$	
9	10" SDR-26 PVC SEWER PIPE (10'-12')	239.0	\$ 58.91	\$ 14,079.49	243.71	\$ 14,356.96	\$ -	\$ 14,356.96	\$ (277.47)	102%	\$	
10	10" SDR-26 PVC SEWER PIPE (12'-14')	130.0	\$ 62.54	\$ 8,130.20		\$ -	\$ 915.20	\$ 915.20	\$ 7,215.00	11%	\$	
11	10" SDR-26 PVC SEWER PIPE (14'-16')	67.0	\$ 78.28	\$ 5,244.76		\$ -	\$ 56.32	\$ 56.32	\$ 5,188.44	1%	\$	
12	8" DUCTILE IRON SEWER PIPE (0-6')	384.0	\$ 79.57	\$ 30,554.88		\$ -	\$ 10,798.08	\$ 10,798.08	\$ 19,756.80	35%	\$	
13	8" DUCTILE IRON SEWER PIPE (6'-8')	20.0	\$ 89.26	\$ 1,785.20		\$ -	\$ 562.40	\$ 562.40	\$ 1,222.80	32%	\$	
14	10" DUCTILE IRON SEWER PIPE (0-6')	25.0	\$ 105.96	\$ 2,649.00		\$ -	\$ 953.00	\$ 953.00	\$ 1,696.00	36%	\$	
15	10" DUCTILE IRON SEWER PIPE (6'-8')	30.0	\$ 109.59	\$ 3,287.70		\$ -	\$ 1,143.60	\$ 1,143.60	\$ 2,144.10	35%	\$	
16	REMOVAL OF EXISTING SEWER LINE	10650.0	\$ 3.63	\$ 38,659.50	1395.00	\$ 5,063.85	\$ -	\$ 5,063.85	\$ 33,595.65	13%	\$	
17	ABANDONMENT OF EXISTING SEWER LINE (ALL SIZES)	3220.0	\$ 6.67	\$ 21,477.40		\$ -	\$ -	\$ -	\$ 21,477.40		\$	
18	TRACER WIRE SYSTEM FOR SEWER	19153.0	\$ 1.44	\$ 27,580.32	1566.00	\$ 2,255.04	\$ 20,049.18	\$ 22,304.22	\$ 5,276.10	81%	\$	
SEWER MANHOLE ITEMS												
19	48" PRECAST CONCRETE SEWER MANHOLE (0-6)	6.0	\$ 2,339.80	\$ 14,038.80		\$ -	\$ 5,261.94	\$ 5,261.94	\$ 8,776.86	37%	\$	
20	48" PRECAST CONCRETE SEWER MANHOLE (6-8)	32.0	\$ 3,040.17	\$ 97,285.44		\$ -	\$ 32,576.64	\$ 32,576.64	\$ 64,708.80	33%	\$	
21	48" PRECAST CONCRETE SEWER MANHOLE (8-10)	8.0	\$ 3,491.71	\$ 27,933.68	2.00	\$ 6,983.42	\$ 7,146.00	\$ 14,129.42	\$ 13,804.26	51%	\$	
22	48" PRECAST CONCRETE SEWER MANHOLE (10-12)	1.0	\$ 4,051.04	\$ 4,051.04	1.00	\$ 4,051.04	\$ -	\$ 4,051.04	\$ -	100%	\$	
TOTALS				\$ 942,926.06	\$	\$ 95,355.81	\$ 131,090.40	\$ 226,446.20	\$ 716,479.86		\$	

Progress Estimate

Contractor's Application

COMPREHENSIVE SEWER/WATER PHASE 8									
For contract:		8/26/2018		TO		9/30/2018		Application Number: 2	
Application Period:		8/26/2018		TO		9/30/2018		Application Date: 30-Aug-18	
Pay Item	Item Description	Bid Quantity	Unit Price	Bid Value	C	D	E	F	G
					Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	Balance to Finish (F)
Subtotal from Previous Page									
23	48" PRECAST CONCRETE SEWER MANHOLE (12-14)	3.0	\$ 4,025.31	\$ 12,075.93		\$ 95,355.81	\$ 131,090.40	\$ 226,446.20	\$ 716,479.86
24	48" PRECAST CONCRETE SEWER MANHOLE (0-6) (FLAT TOP)	3.0	\$ 3,553.84	\$ 10,661.52		\$ -	\$ 4,238.01	\$ 4,238.01	\$ 7,837.92
25	60" PRECAST CONCRETE SEWER MANHOLE (0-6)	1.0	\$ 4,502.46	\$ 4,502.46		\$ -	\$ 2,787.99	\$ 2,787.99	\$ 7,873.53
26	60" PRECAST CONCRETE SEWER MANHOLE (6-8)	1.0	\$ 5,058.41	\$ 5,058.41	1.00	\$ 5,058.41	\$ 1,552.52	\$ 1,552.52	\$ 2,949.94
27	60" PRECAST CONCRETE SEWER MANHOLE (8-10)	1.0	\$ 5,419.09	\$ 5,419.09		\$ -	\$ 5,058.41	\$ 5,058.41	\$ -
28	60" PRECAST CONCRETE SEWER MANHOLE (10-12)	1.0	\$ 6,342.23	\$ 6,342.23	1.00	\$ 6,342.23	\$ 1,850.00	\$ 1,850.00	\$ 3,569.09
29	60" PRECAST CONCRETE SEWER MANHOLE (6-8) (DOGHOUSE)	1.0	\$ 6,620.27	\$ 13,240.54		\$ -	\$ -	\$ 6,342.23	\$ -
30	72" PRECAST CONCRETE SPLITTER SEWER MANHOLE (10-12) (10-12)	2.0	\$ 9,100.91	\$ 18,201.82		\$ -	\$ 1,150.00	\$ 1,150.00	\$ 12,090.54
31	DEMOLITION AND REMOVAL OF EXISTING MANHOLES (ALL TYPES)	35.0	\$ 302.70	\$ 10,594.50	5.00	\$ 1,513.50	\$ 2,665.00	\$ 2,665.00	\$ 6,435.91
32	ABANDONMENT OF EXISTING MANHOLE	12.0	\$ 393.51	\$ 4,722.12		\$ -	\$ -	\$ 1,513.50	\$ 9,081.00
33	DROP MANHOLE ASSEMBLY (ALL DEPTHS)	1.0	\$ 2,674.73	\$ 2,674.73		\$ -	\$ 649.28	\$ 649.28	\$ 4,722.12
SEWER SERVICE ITEMS									
34	4" SANITARY SEWER SERVICE CLEANOUT	231.0	\$ 375.31	\$ 86,696.61	7.00	\$ 2,627.17	\$ 35,413.38	\$ 38,040.55	\$ 48,656.06
35	4" SDR-26 PVC PIPE SANITARY SEWER SERVICE (INCL FITTINGS)	316.0	\$ 39.97	\$ 12,630.52	3.00	\$ 119.91	\$ -	\$ 119.91	\$ 12,510.61
36	6" SDR-26 PVC PIPE SANITARY SEWER SERVICE (INCL FITTINGS)	3792.0	\$ 27.33	\$ 103,635.36	245.00	\$ 6,695.85	\$ 8,299.98	\$ 14,995.83	\$ 88,639.53
37	8"x8"x6" PVC SERVICE TEE	203.0	\$ 191.79	\$ 38,933.37	7.00	\$ 1,342.53	\$ 11,446.40	\$ 12,788.93	\$ 26,144.44
38	10"x10"x6" PVC SERVICE TEE	20.0	\$ 417.00	\$ 8,340.00	7.00	\$ 2,919.00	\$ 2,862.86	\$ 5,781.86	\$ 2,558.14
39	8"x8"x6" DUCTILE IRON SERVICE TEE	5.0	\$ 825.41	\$ 4,127.05		\$ -	\$ 2,400.00	\$ 2,400.00	\$ 1,727.05
WATER PIPE ITEMS									
40	2" & UNDER 150 PSI PVC WATER PIPE FOR CONNECTIONS (OPEN CUT)	40.0	\$ 13.39	\$ 535.60		\$ -	\$ 42.40	\$ 42.40	\$ 493.20
41	6" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	8340.0	\$ 26.87	\$ 224,095.80		\$ -	\$ 70,273.60	\$ 70,273.60	\$ 153,822.20
42	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	4680.0	\$ 32.38	\$ 151,538.40		\$ -	\$ 80,636.40	\$ 80,636.40	\$ 70,902.00
43	8" 200 PSI, DR9, HDPE (DIRECTIONAL BORE) (INCL ADAPTER FITTINGS)	500.0	\$ 52.33	\$ 26,165.00		\$ -	\$ 9,255.00	\$ 9,255.00	\$ 16,910.00
44	10" 200 PSI, DR9, HDPE (DIRECTIONAL BORE) (INCL ADAPTER FITTINGS)	360.0	\$ 67.53	\$ 24,310.80		\$ -	\$ 9,277.20	\$ 9,277.20	\$ 15,033.60
45	TRACER WIRE SYSTEM FOR WATER	22864.0	\$ 1.33	\$ 30,409.12		\$ -	\$ 22,864.00	\$ 22,864.00	\$ 7,545.12
TOTALS				\$ 1,738,796.13		\$ 121,974.41	\$ 398,754.42	\$ 520,728.82	\$ 1,218,007.31

EJCDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

For Contract:		COMPREHENSIVE SEWER/WATER PHASE 8			Application Number: 2					
Application Period:		8/26/2018 TO 9/30/2018		Application Date: 30-Aug-18						
Pay Item	A Item Description	Bid Quantity	Unit Price	B Bid Value	C Estimated Quantity Installed	D Value	E Materials Stored (not in C)	F Total Completed and Stored to Date (D + E)	% (F)	G Balance to Finish (F)
	Subtotal from Previous Page			\$ 1,738,736.13		\$ 121,974.41	\$ 398,754.42	\$ 520,728.82		\$ 1,218,007.31
46	WATER CONNECTION ITEMS									
46	CUT AND CAP EXISTING WATER LINE IN PLACE	6.0	\$ 644.87	\$ 3,869.22	-	\$ -	\$ 699.00	\$ 699.00	18%	\$ 3,170.22
47	CONNECTION: PROPOSED 6" TO EXISTING 2" (STRAIGHT-RED)	1.0	\$ 1,038.87	\$ 1,038.87	-	\$ -	\$ 222.00	\$ 222.00	21%	\$ 816.87
48	CONNECTION: PROPOSED 6" TO EXISTING 6" (STRAIGHT-COU	2.0	\$ 1,006.18	\$ 2,012.36	-	\$ -	\$ 478.00	\$ 478.00	24%	\$ 1,534.36
49	CONNECTION: PROPOSED 6" TO EXISTING 6" (TEE & OTHER F	3.0	\$ 1,549.82	\$ 4,649.46	-	\$ -	\$ 1,962.00	\$ 1,962.00	42%	\$ 2,687.46
50	CONNECTION: PROPOSED 6" TO EXISTING 6" (HOT TAP w/ VA	8.0	\$ 3,500.42	\$ 28,003.36	-	\$ -	\$ -	\$ -		\$ 28,003.36
51	CONNECTION: PROPOSED 6" TO EXISTING 12" (HOT TAP w/ V	2.0	\$ 4,419.42	\$ 8,838.84	-	\$ -	\$ -	\$ -		\$ 8,838.84
52	CONNECTION: PROPOSED 6" TO PROPOSED 6" (TEE & OTHER	1.0	\$ 934.74	\$ 934.74	-	\$ -	\$ 654.00	\$ 654.00	70%	\$ 280.74
53	CONNECTION: PROPOSED 8" TO EXISTING 6" (TEE & OTHER F	11.0	\$ 1,657.59	\$ 18,233.49	-	\$ -	\$ 10,076.00	\$ 10,076.00	55%	\$ 8,157.49
54	CONNECTION: PROPOSED 8" TO EXISTING 6" (HOT TAP w/ VA	1.0	\$ 4,269.28	\$ 4,269.28	-	\$ -	\$ 207.00	\$ 207.00	5%	\$ 4,062.28
55	CONNECTION: PROPOSED 8" TO EXISTING 8" (HOT TAP w/ VA	1.0	\$ 4,881.95	\$ 4,881.95	-	\$ -	\$ -	\$ -		\$ 4,881.95
56	CONNECTION: PROPOSED 8" TO EXISTING 12" (HOT TAP w/ V	3.0	\$ 6,336.12	\$ 19,008.36	-	\$ -	\$ -	\$ -		\$ 19,008.36
57	CONNECTION: PROPOSED 8" TO PROPOSED 6" (TEE & OTHER	5.0	\$ 1,129.68	\$ 5,648.40	-	\$ -	\$ 1,775.00	\$ 1,775.00	31%	\$ 3,873.40
58	CONNECTION: PROPOSED 8" TO PROPOSED 8" (TEE & OTHER	3.0	\$ 1,145.42	\$ 3,436.26	-	\$ -	\$ 1,650.00	\$ 1,650.00	48%	\$ 1,786.26
59	WATER VALVE ITEMS									
59	6" GATE VALVE	27.0	\$ 870.57	\$ 23,505.39	-	\$ -	\$ -	\$ -		\$ 23,505.39
60	8" GATE VALVE	22.0	\$ 1,162.37	\$ 25,572.14	-	\$ -	\$ -	\$ -		\$ 25,572.14
61	WATER FIRE PROTECTION ITEMS									
61	3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL TEE, VALVE,	16.0	\$ 3,703.84	\$ 59,261.44	-	\$ -	\$ 7,696.00	\$ 7,696.00	13%	\$ 51,565.44
62	REMOVAL OF EXISTING FIRE HYDRANT	9.0	\$ 787.02	\$ 7,083.18	-	\$ -	\$ -	\$ -		\$ 7,083.18
63	WATER SERVICE ITEMS									
63	SERVICE TAP (3/4") (INCL, TAPPING SADDLE, CORP STOP, ETC	242.0	\$ 412.88	\$ 99,916.96	-	\$ -	\$ -	\$ -		\$ 99,916.96
64	SERVICE TAP (1") (INCL, TAPPING SADDLE, CORP STOP, ETC.)	33.0	\$ 760.38	\$ 25,092.54	-	\$ -	\$ -	\$ -		\$ 25,092.54
65	SERVICE TUBING (OPEN CUT) (3/4")	1985.0	\$ 6.28	\$ 12,465.80	-	\$ -	\$ -	\$ -		\$ 12,465.80
66	SERVICE TUBING (OPEN CUT) (1")	400.0	\$ 6.41	\$ 2,564.00	-	\$ -	\$ -	\$ -		\$ 2,564.00
	TOTALS			\$ 2,099,022.17		\$ 121,974.41	\$ 424,173.42	\$ 546,147.82		\$ 1,552,874.35

EJCDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

Application Period:		8/26/2018 TO		9/30/2018		Application Number:		2		Application Date:		30-Aug-18	
For (contract):		COMPREHENSIVE SEWER/WATER PHASE 8											
Pay Item	Item Description	Bid	Quantity	Unit	Price	E	C	D	E	F	% (F)	G	
						Bid Value	Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)		Balance to Finish (F)	
Subtotal from Previous Page													
67	SERVICE TUBING (BORED) (3/4")	4080.0	\$	9.92	\$	2,099,022.17		\$	121,974.41	\$	546,147.82	\$	1,552,874.35
68	SERVICE TUBING (BORED) (1")	400.0	\$	10.04	\$	4,016.00		\$		\$		\$	40,473.60
69	WATER SERVICE METER (3/4")	13.0	\$	440.65	\$	5,728.45		\$		\$		\$	4,016.00
70	WATER SERVICE METER (1")	2.0	\$	652.32	\$	1,304.64		\$		\$		\$	5,728.45
MISCELLANEOUS CONSTRUCTION ITEMS													
71	CRUSHED AGGREGATE (SIZE 825)	5097.0	\$	49.58	\$	252,709.26	652	\$	32,310.79	\$	32,310.79	\$	220,398.47
72	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM	23770.0	\$	7.68	\$	182,553.60	2,796	\$	21,473.28	\$	21,473.28	\$	161,080.32
73	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	1062.0	\$	65.38	\$	69,433.56		\$		\$		\$	69,433.56
74	HARDY STREET ROADWAY REPAIR (SPECIAL CONSTRUCTION)	50.0	\$	332.97	\$	16,648.50		\$		\$		\$	16,648.50
75	9.5 MM HOT MIX ASPHALT	1652.0	\$	133.94	\$	221,268.88		\$		\$		\$	221,268.88
76	19 MM HOT MIX ASPHALT	1273.0	\$	173.59	\$	220,980.07		\$		\$		\$	220,980.07
77	CONCRETE SIDEWALK REPAIR (ALL DEPTHS)	55.0	\$	66.59	\$	3,662.45		\$		\$		\$	3,662.45
78	CONCRETE CURB & GUTTER (MATCH EXISTING TYPE)	370.0	\$	96.86	\$	35,838.20		\$		\$		\$	35,838.20
79	CONCRETE DITCH REPAIR	95.0	\$	26.64	\$	2,530.80		\$		\$		\$	2,530.80
80	CLASS "B" CONCRETE, MINOR STRUCTURES	10.0	\$	1,816.20	\$	18,162.00		\$		\$		\$	18,162.00
81	REINFORCING STEEL	470.0	\$	4.18	\$	1,964.60		\$		\$		\$	1,964.60
82	INLET GRATINGS	765.0	\$	6.87	\$	5,255.55		\$		\$		\$	5,255.55
83	INLET CASTINGS	79.0	\$	6.20	\$	489.80		\$		\$		\$	489.80
84	12" CORRUGATED HDPE PIPE (DUAL WALL)	64.0	\$	25.55	\$	1,635.20		\$		\$		\$	1,635.20
85	15" CORRUGATED HDPE PIPE (DUAL WALL)	20.0	\$	40.48	\$	809.60		\$		\$		\$	809.60
86	12" REINFORCED CONCRETE PIPE (CLASS 3) (RUBBER GASKETS)	32.0	\$	30.83	\$	986.56		\$		\$		\$	986.56
87	15" REINFORCED CONCRETE PIPE (CLASS 3) (RUBBER GASKETS)	370.0	\$	27.86	\$	10,308.20		\$		\$		\$	10,308.20
88	18" REINFORCED CONCRETE PIPE (CLASS 3) (RUBBER GASKETS)	210.0	\$	32.66	\$	6,858.60		\$		\$		\$	6,858.60
89	18"x11" REINFORCED CONCRETE ARCH PIPE (CLASS 3) (PLASTIC)	76.0	\$	50.08	\$	3,806.08		\$		\$		\$	3,806.08
90	REMOVAL OF EXISTING PIPE CROSS DRAINS (ALL SIZES AND DEPTHS)	750.0	\$	2.42	\$	1,815.00		\$		\$		\$	1,815.00
TOTALS						\$ 3,208,261.37		\$ 175,758.48	\$ 424,173.42	\$ 599,931.89		\$ 2,608,329.48	

EJCDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Monthly Totals

[illegible]

Monthly Totals

	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	TOTAL
		Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
23	48" PRECAST CONCRETE SEWER MANHOLE (12-34)											
24	48" PRECAST CONCRETE SEWER MANHOLE (0-6) (FLAT TOP)											
25	60" PRECAST CONCRETE SEWER MANHOLE (0-6)	1										1
26	60" PRECAST CONCRETE SEWER MANHOLE (6-8)											
27	60" PRECAST CONCRETE SEWER MANHOLE (8-10)											
28	60" PRECAST CONCRETE SEWER MANHOLE (10-12)		1									1
29	60" PRECAST CONCRETE SEWER MANHOLE (6-8) (DOGHOUSE)											
30	72" PRECAST CONCRETE SPLITTER SEWER MANHOLE (10-12) (DOGHOUSE)											
31	DEMOLITION AND REMOVAL OF EXISTING MANHOLES (ALL TYPES)		5									5
32	ABANDONMENT OF EXISTING MANHOLE											
33	DROP MANHOLE ASSEMBLY (ALL DEPTHS)											
SEWER SERVICE ITEMS												
34	4" SANITARY SEWER SERVICE CLEANOUT	3	4									7
35	4" SDR-26 PVC PIPE SANITARY SEWER SERVICE (INCL FITTINGS)	2	1									3
36	6" SDR-26 PVC PIPE SANITARY SEWER SERVICE (INCL FITTINGS)	60	185									245
37	8"x8"x6" PVC SERVICE TEE		7									7
38	10"x10"x6" PVC SERVICE TEE	5	2									7
39	8"x8"x6" DUCTILE IRON SERVICE TEE											
WATER PIPE ITEMS												
40	2" IL UNDER 150 PSI PVC WATER PIPE FOR CONNECTIONS (OPEN CUT)											
41	6" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)											
42	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)											
43	8" 200 PSI, DR9, HDPE (DIRECTIONAL BORE) (INCL ADAPTER FITTINGS)											
44	10" 200 PSI, DR9, HDPE (DIRECTIONAL BORE) (INCL ADAPTER FITTINGS)											
45	TRACER WIRE SYSTEM FOR WATER											

Monthly Totals

[illegible]

Monthly Totals

	DESCRIPTION										1	2	3	4	5	6	7	8	9	10	TOTAL
											Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
67	SERVICE TUBING (BORED) (3/4")																				
68	SERVICE TUBING (BORED) (1")																				
69	WATER SERVICE METER (3/4")																				
70	WATER SERVICE METER (1")																				
	MISCELLANEOUS CONSTRUCTION ITEMS																				
71	CRUSHED AGGREGATE (SIZE #25)																				
72	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM										68.35	583.34									651.69
73	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)										688	2108									2796
74	HARDY STREET ROADWAY REPAIR (SPECIAL CONSTRUCTION)																				
75	9.5 MM HOT MIX ASPHALT																				
76	19 MM HOT MIX ASPHALT																				
77	CONCRETE SIDEWALK REPAIR (ALL DEPTHS)																				
78	CONCRETE CURB & GUTTER (MATCH EXISTING TYPE)																				
79	CONCRETE DITCH REPAIR																				
80	CLASS "B" CONCRETE, MINOR STRUCTURES																				
81	REINFORCING STEEL																				
82	INLET GRATINGS																				
83	INLET CASTINGS																				
84	12" CORRUGATED HDPE PIPE (DUAL WALL)																				
85	15" CORRUGATED HDPE PIPE (DUAL WALL)																				
86	12" REINFORCED CONCRETE PIPE (CLASS 3) (RUBBER GASKETS)																				
87	15" REINFORCED CONCRETE PIPE (CLASS 3) (RUBBER GASKETS)																				
88	18" REINFORCED CONCRETE PIPE (CLASS 3) (RUBBER GASKETS)																				
89	18"x11" REINFORCED CONCRETE ARCH PIPE (CLASS 3) (PLASTIC GASKETS)																				
90	REMOVAL OF EXISTING PIPE CROSS DRAINS (ALL SIZES AND DEPTHS)																				

Monthly Totals

	DESCRIPTION										1	2	3	4	5	6	7	8	9	10	TOTAL
											Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
91	REMOVAL OF EXISTING CORRUGATED HDPE PIPE (ALL SIZES AND DEPTHS) AND RESET																				
92	REMOVE, SALVAGE, AND RESET EXISTING WOOD FENCE																				
93	REMOVE, SALVAGE, AND RESET EXISTING NET WIRE FENCE																				
94	REMOVE, SALVAGE, AND RESET EXISTING CHAIN LINK FENCE																				
95	6" YELLOW THERMOPLASTIC DETAIL TRAFFIC STRIPE																				
96	LEGEND WHITE THERMOPLASTIC TRAFFIC MARKING (6" EQUIVALENT)																				
97	SOLID SOD (INCL SOD, TOP SOIL, FERTILIZER, WATERING, ETC.)																				
98	LANDSCAPE RESTORATION (INCL TOP SOIL, PLANTS, MULCH, WATERING, ETC.)																				
99	CLEARING AND GRUBBING																				
100	TEMPORARY EROSION CONTROL																				
101	MAINTENANCE OF TRAFFIC										0.1										0.2
102	MOBILIZATION										0.5										0.5

Stored Material Summary

2-'s Application

COMPREHENSIVE SEWER/WATER PHASE 8				9/30/2018		Application Number: 2				
For (contract):		8/26/2018		8/26/2018		Application Date: 30-Aug-18				
Application Period:		TO		9/30/2018						
A	B	C		D		E		F		G
Pay Item No.	Unit Price	Materials Description		Stored Previously		Stored this Month		Incorporated in Work		Materials Remaining in Storage (\$)(D + E - F)
				Quantity	Amount (\$)	Quantity	Amount (\$)	Quantity	Amount (\$)	
CAMP STREET AREA SEWER PIPE ITEMS										
1	\$ 4.48	8" SDR-26 PVC SEWER PIPE (0-6')				2,109	\$ 9,448.32		\$ -	\$ 9,448.32
2	\$ 4.48	8" SDR-26 PVC SEWER PIPE (6'-8')				5,576	\$ 24,980.48		\$ -	\$ 24,980.48
3	\$ 4.48	8" SDR-26 PVC SEWER PIPE (8'-10')				2,961	\$ 13,265.28	651	\$ 2,916.48	\$ 10,348.80
4	\$ 4.48	8" SDR-26 PVC SEWER PIPE (10'-12')				863	\$ 3,866.24	178	\$ 797.44	\$ 3,068.80
5	\$ 4.48	8" SDR-26 PVC SEWER PIPE (12'-14')				249	\$ 1,115.52		\$ -	\$ 1,115.52
6	\$ 7.04	10" SDR-26 PVC SEWER PIPE (0-6')				25	\$ 176.00		\$ -	\$ 176.00
7	\$ 7.04	10" SDR-26 PVC SEWER PIPE (6'-8')				351	\$ 2,471.04	100	\$ 704.00	\$ 1,767.04
8	\$ 7.04	10" SDR-26 PVC SEWER PIPE (8'-10')				325	\$ 2,288.00	222	\$ 1,564.92	\$ 723.08
9	\$ 7.04	10" SDR-26 PVC SEWER PIPE (10'-12')				239	\$ 1,682.56	244	\$ 1,715.72	\$ 915.20
10	\$ 7.04	10" SDR-26 PVC SEWER PIPE (12'-14')				130	\$ 915.20		\$ -	\$ 56.32
11	\$ 7.04	10" SDR-26 PVC SEWER PIPE (14'-16')				8	\$ 56.32		\$ -	\$ 10,798.08
12	\$ 28.12	8" DUCTILE IRON SEWER PIPE (0-6')				384	\$ 10,798.08		\$ -	\$ 562.40
13	\$ 28.12	8" DUCTILE IRON SEWER PIPE (6'-8')				20	\$ 562.40		\$ -	\$ 953.00
14	\$ 38.12	10" DUCTILE IRON SEWER PIPE (0-6')				25	\$ 953.00		\$ -	\$ 1,143.60
15	\$ 38.12	10" DUCTILE IRON SEWER PIPE (6'-8')				30	\$ 1,143.60		\$ -	\$ -
16		REMOVAL OF EXISTING SEWER LINE					\$ -	1,395	\$ -	\$ -
17		ABANDONMENT OF EXISTING SEWER LINE (ALL SIZES)					\$ -		\$ -	\$ -
18	\$ 1.14	TRACER WIRE SYSTEM FOR SEWER				19,153	\$ 21,834.42	1,566	\$ 1,785.24	\$ 20,049.18
SEWER MANHOLE ITEMS										
19	\$ 876.99	48" PRECAST CONCRETE SEWER MANHOLE (0-6)				6	\$ 5,261.94		\$ -	\$ 5,261.94
20	\$ 1,018.02	48" PRECAST CONCRETE SEWER MANHOLE (6-8)				32	\$ 32,576.64		\$ -	\$ 32,576.64
21	\$ 1,191.00	48" PRECAST CONCRETE SEWER MANHOLE (8-10)				8	\$ 9,528.00	2	\$ 2,382.00	\$ 7,146.00
22	\$ 1,346.00	48" PRECAST CONCRETE SEWER MANHOLE (10-12)				1	\$ 1,346.00	1	\$ 1,346.00	\$ -
TOTALS					\$ -		\$ 144,269.04		\$ 13,211.80	\$ 131,090.40
				10/2/2018						

EICDC No. C-620 (2002 Edition)

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Stored Material Summary

Contractor's Application

COMPREHENSIVE SEWER/WATER PHASE 8					Application Number: 2		
Application Period:		8/26/2018 TO 9/30/2018		Application Date: 30-Aug-18			
A	B	C		D	E	F	G
Pay Item No.	Unit Price	Materials Description	Stored Previously		Stored this Month		Materials Remaining in Storage (\$)(D + E - F)
			Quantity	Amount (\$)	Quantity	Amount (\$)	
Subtotal From Previous Page							131090.3984
23	\$ 1,412.67	48" PRECAST CONCRETE SEWER MANHOLE (12-14)	-	\$ -	3	\$ 4,238.01	\$ 4,238.01
24	\$ 929.33	48" PRECAST CONCRETE SEWER MANHOLE (0-6) (FLAT TOP)	-	\$ -	3	\$ 2,787.99	\$ 2,787.99
25	\$ 1,552.52	60" PRECAST CONCRETE SEWER MANHOLE (0-6)	-	\$ -	1	\$ 1,552.52	\$ 1,552.52
26	\$ 1,550.00	60" PRECAST CONCRETE SEWER MANHOLE (6-8)	-	\$ -	1	\$ 1,550.00	\$ 1,550.00
27	\$ 1,850.00	60" PRECAST CONCRETE SEWER MANHOLE (8-10)	-	\$ -	1	\$ 1,850.00	\$ 1,850.00
28	\$ 2,156.00	60" PRECAST CONCRETE SEWER MANHOLE (10-12)	-	\$ -	1	\$ 2,156.00	\$ 2,156.00
29	\$ 575.00	60" PRECAST CONCRETE SEWER MANHOLE (6-8) (DOGHOUSE)	-	\$ -	2	\$ 1,150.00	\$ 1,150.00
30	\$ 2,665.00	72" PRECAST CONCRETE SPLITTER SEWER MANHOLE (10-12) (DOGHOUSE)	-	\$ -	1	\$ 2,665.00	\$ 2,665.00
31		DEMOLITION AND REMOVAL OF EXISTING MANHOLES (ALL TYPES)	-	\$ -		\$ -	\$ -
32		ABANDONMENT OF EXISTING MANHOLE	-	\$ -		\$ -	\$ -
33	\$ 649.28	DROP MANHOLE ASSEMBLY (ALL DEPTHS)	-	\$ -	1	\$ 649.28	\$ 649.28
SEWER SERVICE ITEMS							
34	\$ 166.26	4" SANITARY SEWER SERVICE CLEANOUT	-	\$ -	220	\$ 36,577.20	\$ 35,413.38
35		4" SDR-26 PVC PIPE SANITARY SEWER SERVICE (INCL FITTINGS)	-	\$ -		\$ -	\$ -
36	\$ 2.34	6" SDR-26 PVC PIPE SANITARY SEWER SERVICE (INCL FITTINGS)	-	\$ -	3,792	\$ 8,873.28	\$ 8,299.98
37	\$ 58.40	8"x8"x6" PVC SERVICE TEE	-	\$ -	203	\$ 11,855.20	\$ 11,446.40
38	\$ 220.22	10"x10"x6" PVC SERVICE TEE	-	\$ -	20	\$ 4,404.40	\$ 2,862.86
39	\$ 480.00	8"x8"x6" DUCTILE IRON SERVICE TEE	-	\$ -	5	\$ 2,400.00	\$ 2,400.00
WATER PIPE ITEMS							
40	\$ 1.06	2" & UNDER 150 PSI PVC WATER PIPE FOR CONNECTIONS (OPEN CUT)	-	\$ -	40	\$ 42.40	\$ 42.40
41	\$ 13.15	6" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	-	\$ -	5,344	\$ 70,273.60	\$ 70,273.60
42	\$ 17.23	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	-	\$ -	4,680	\$ 80,636.40	\$ 80,636.40
43	\$ 18.51	8" 200 PSI, DR9, HDPE (DIRECTIONAL BORE) (INCL ADAPTER FITTINGS)	-	\$ -	500	\$ 9,255.00	\$ 9,255.00
44	\$ 25.77	10" 200 PSI, DR9, HDPE (DIRECTIONAL BORE) (INCL ADAPTER FITTINGS)	-	\$ -	360	\$ 9,277.20	\$ 9,277.20
45	\$ 1.00	TRACER WIRE SYSTEM FOR WATER	-	\$ -	22,864	\$ 22,864.00	\$ 22,864.00
TOTALS				\$ -		\$ 419,326.52	\$ 398,754.42

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Stored Material Summary

Contractor's Application

COMPREHENSIVE SEWER/WATER PHASE 8				Application Number: 2					
Application Period: 8/26/2018 TO 9/30/2018		Application Date: 30-Aug-18							
A	B	C	D		E	F		G	
Pay Item No.	Unit Price	Materials Description	Stored Previously		Stored this Month		Incorporated in Work		Materials Remaining in Storage (\$)(D + E - F)
			Quantity	Amount (\$)	Quantity	Amount (\$)	Quantity	Amount (\$)	
Subtotal From Previous Page								398754.4184	
WATER CONNECTION ITEMS									
46	\$ 116.50	CUT AND CAP EXISTING WATER LINE IN PLACE	-	\$ -	6	\$ 699.00	\$ -	\$ 699.00	
47	\$ 222.00	CONNECTION: PROPOSED 6" TO EXISTING 2" (STRAIGHT-REDUCER AND COUPLING)	-	\$ -	1	\$ 222.00	\$ -	\$ 222.00	
48	\$ 239.00	CONNECTION: PROPOSED 6" TO EXISTING 6" (STRAIGHT-COUPLING)	-	\$ -	2	\$ 478.00	\$ -	\$ 478.00	
49	\$ 654.00	CONNECTION: PROPOSED 6" TO EXISTING 6" (TEE & OTHER FITTINGS)	-	\$ -	3	\$ 1,962.00	\$ -	\$ 1,962.00	
50		CONNECTION: PROPOSED 6" TO EXISTING 6" (HOT TAP w/ VALVE ASSEMBLY)	-	\$ -		\$ -	\$ -	\$ -	
51		CONNECTION: PROPOSED 6" TO EXISTING 12" (HOT TAP w/ VALVE ASSEMBLY)	-	\$ -		\$ -	\$ -	\$ -	
52	\$ 654.00	CONNECTION: PROPOSED 6" TO PROPOSED 6" (TEE & OTHER FITTINGS)	-	\$ -	1	\$ 654.00	\$ -	\$ 654.00	
53	\$ 916.00	CONNECTION: PROPOSED 8" TO EXISTING 6" (TEE & OTHER FITTINGS)	-	\$ -	11	\$ 10,076.00	\$ -	\$ 10,076.00	
54	\$ 207.00	CONNECTION: PROPOSED 8" TO EXISTING 6" (HOT TAP w/ VALVE ASSEMBLY)	-	\$ -	1	\$ 207.00	\$ -	\$ 207.00	
55		CONNECTION: PROPOSED 8" TO EXISTING 8" (HOT TAP w/ VALVE ASSEMBLY)	-	\$ -		\$ -	\$ -	\$ -	
56		CONNECTION: PROPOSED 8" TO EXISTING 12" (HOT TAP w/ VALVE ASSEMBLY)	-	\$ -		\$ -	\$ -	\$ -	
57	\$ 355.00	CONNECTION: PROPOSED 8" TO PROPOSED 6" (TEE & OTHER FITTINGS)	-	\$ -	5	\$ 1,775.00	\$ -	\$ 1,775.00	
58	\$ 550.00	CONNECTION: PROPOSED 8" TO PROPOSED 8" (TEE & OTHER FITTINGS)	-	\$ -	3	\$ 1,650.00	\$ -	\$ 1,650.00	
WATER VALVE ITEMS									
59		6" GATE VALVE	-	\$ -		\$ -	\$ -	\$ -	
60		8" GATE VALVE	-	\$ -		\$ -	\$ -	\$ -	
WATER FIRE PROTECTION ITEMS									
61	\$ 481.00	3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL TEE, VALVE, HYDRANT, BRASS TAG, PIPE, & OT	-	\$ -	16	\$ 7,696.00	\$ -	\$ 7,696.00	
62		REMOVAL OF EXISTING FIRE HYDRANT	-	\$ -		\$ -	\$ -	\$ -	
WATER SERVICE ITEMS									
63		SERVICE TAP (3/4") (INCL, TAPPING SADDLE, CORP STOP, ETC.)	-	\$ -		\$ -	\$ -	\$ -	
64		SERVICE TAP (1") (INCL, TAPPING SADDLE, CORP STOP, ETC.)	-	\$ -		\$ -	\$ -	\$ -	
65		SERVICE TUBING (OPEN CUT) (3/4")	-	\$ -		\$ -	\$ -	\$ -	
66		SERVICE TUBING (OPEN CUT) (1")	-	\$ -		\$ -	\$ -	\$ -	
TOTALS				\$ 444,745.52		\$ 20,605.26	\$ 424,173.42		

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Stored Material Summary

Contractor's Application

COMPREHENSIVE SEWER/WATER PHASE 8				Application Number: 2					
Application Period: 8/26/2018 TO 9/30/2018		Application Date: 30-Aug-18							
A	B	C	D		E		F		G
Pay Item No.	Unit Price	Materials Description	Stored Previously		Stored this Month		Incorporated in Work		Materials Remaining in Storage (\$)(D + E - F)
			Quantity	Amount (\$)	Quantity	Amount (\$)	Quantity	Amount (\$)	
		Subtotal From Previous Page				444745.52		20605.26	424173.4184
67		SERVICE TUBING (BORED) (3/4")	-	\$ -		\$ -		\$ -	\$ -
68		SERVICE TUBING (BORED) (1")	-	\$ -		\$ -		\$ -	\$ -
69		WATER SERVICE METER (3/4")	-	\$ -		\$ -		\$ -	\$ -
70		WATER SERVICE METER (1")	-	\$ -		\$ -		\$ -	\$ -
		MISCELLANEOUS CONSTRUCTION ITEMS							
71		CRUSHED AGGREGATE (SIZE 825)	-	\$ -		\$ -	652	\$ -	\$ -
72		SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM	-	\$ -		\$ -	2,796	\$ -	\$ -
73		CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	-	\$ -		\$ -		\$ -	\$ -
74		HARDY STREET ROADWAY REPAIR (SPECIAL CONSTRUCTION)	-	\$ -		\$ -		\$ -	\$ -
75		9.5 MM HOT MIX ASPHALT	-	\$ -		\$ -		\$ -	\$ -
76		19 MM HOT MIX ASPHALT	-	\$ -		\$ -		\$ -	\$ -
77		CONCRETE SIDEWALK REPAIR (ALL DEPTHS)	-	\$ -		\$ -		\$ -	\$ -
78		CONCRETE CURB & GUTTER (MATCH EXISTING TYPE)	-	\$ -		\$ -		\$ -	\$ -
79		CONCRETE DITCH REPAIR	-	\$ -		\$ -		\$ -	\$ -
80		CLASS "B" CONCRETE, MINOR STRUCTURES	-	\$ -		\$ -		\$ -	\$ -
81		REINFORCING STEEL	-	\$ -		\$ -		\$ -	\$ -
82		INLET GRATINGS	-	\$ -		\$ -		\$ -	\$ -
83		INLET CASTINGS	-	\$ -		\$ -		\$ -	\$ -
84		12" CORRUGATED HDPE PIPE (DUAL WALL)	-	\$ -		\$ -		\$ -	\$ -
85		15" CORRUGATED HDPE PIPE (DUAL WALL)	-	\$ -		\$ -		\$ -	\$ -
86		12" REINFORCED CONCRETE PIPE (CLASS 3) (RUBBER GASKETS)	-	\$ -		\$ -		\$ -	\$ -
87		15" REINFORCED CONCRETE PIPE (CLASS 3) (RUBBER GASKETS)	-	\$ -		\$ -		\$ -	\$ -
88		18" REINFORCED CONCRETE PIPE (CLASS 3) (RUBBER GASKETS)	-	\$ -		\$ -		\$ -	\$ -
89		18"x11" REINFORCED CONCRETE ARCH PIPE (CLASS 3) (PLASTIC GASKETS)	-	\$ -		\$ -		\$ -	\$ -
90		REMOVAL OF EXISTING PIPE CROSS DRAINS (ALL SIZES AND DEPTHS)	-	\$ -		\$ -		\$ -	\$ -
		TOTALS		\$ -		\$ 444,745.52		\$ 20,605.26	\$ 424,173.42

EICDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.



Engineering Progress

October 11, 2018

City of Hattiesburg
Post Office Box 1898
Hattiesburg MS 39403-1898

Attn: Lamar Rutland, P.E.

**RE: Comprehensive Sewer Improvements Ph V -
City of Hattiesburg**

Dear Mr. Rutland:

Enclosed please find Pay Estimate No. 9 for the above referenced project in the amount of \$25,674.29.

Should you have any questions and/or comments, please, do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read 'K. Wallace'.

Kyle D. Wallace, P.E.
Project Engineer

/aa

cc: Terry Jackson, SDW

093695.7220.54
MTB 2017-403

RECEIVED
10/12/18

Progress Estimate

Contractor's Application

For (contract):		COMPREHENSIVE SEWER PHASE 5			8/26/2018	9/30/2018		Application Number:		10/2/2018	
Application Period:		8/26/2018	TO	9/30/2018	Application Date:						
		A			B		C	D	E	F	G
Pay Item	Item Description	Bid Quantity	Unit Price	Bid Value	Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F)	Balance to Finish (B - F)	
SITE 1-DOGWOOD DRIVE											
1	4" 160 PSI PVC SANITARY SEWER FORCE MAIN (ALL DEPTHS)	1000.0	\$ 7.84	\$ 7,840.00	982	\$ 7,698.88	\$0.00	\$ 7,698.88	98%	\$ 141.12	
2	8" SDR 26 PVC SEWER PIPE (0-6')	1098.0	\$ 24.16	\$ 26,527.68	986	\$ 23,338.56	\$0.00	\$ 23,338.56	88%	\$ 3,189.12	
3	8" SDR 26 PVC SEWER PIPE (6'-8')	601.0	\$ 26.56	\$ 15,962.56	707	\$ 18,777.92	\$0.00	\$ 18,777.92	118%	\$ (2,815.36)	
4	8" SDR 26 PVC SEWER PIPE (8'-10')	123.0	\$ 38.55	\$ 4,741.65	146	\$ 5,628.30	\$0.00	\$ 5,628.30	119%	\$ (886.65)	
5	8" SDR 26 PVC SEWER PIPE (10'-12')	101.0	\$ 43.34	\$ 4,377.34	48	\$ 2,080.32	\$0.00	\$ 2,080.32	48%	\$ 2,297.02	
6	8" SDR 26 PVC SEWER PIPE (12'-14')	135.0	\$ 48.14	\$ 6,498.90	55	\$ 2,647.70	\$0.00	\$ 2,647.70	41%	\$ 3,851.20	
7	AIR RELEASE AND VACUUM VALVE ASSEMBLY (INCLUDING PR	1.0	\$ 4,189.24	\$ 4,189.24	1	\$ 4,189.24	\$0.00	\$ 4,189.24	100%	\$ -	
MANHOLE ITEMS											
8	48" PRECAST CONCRETE SEWER MANHOLE (0-6')	3.0	\$ 2,689.82	\$ 8,069.46	2	\$ 5,379.64	\$0.00	\$ 5,379.64	67%	\$ 2,689.82	
9	48" PRECAST CONCRETE SEWER MANHOLE (6'-8')	8.0	\$ 3,176.78	\$ 25,414.24	7	\$ 22,237.46	\$0.00	\$ 22,237.46	88%	\$ 3,176.78	
10	48" PRECAST CONCRETE SEWER MANHOLE (8'-10')	1.0	\$ 3,658.87	\$ 3,658.87	1	\$ 3,658.87	\$0.00	\$ 3,658.87	100%	\$ -	
11	48" PRECAST CONCRETE SEWER MANHOLE (10'-12')	1.0	\$ 4,190.30	\$ 4,190.30	-	\$ -	\$0.00	\$ -	0%	\$ 4,190.30	
12	48" PRECAST CONCRETE SEWER MANHOLE (12'-14')	1.0	\$ 4,382.73	\$ 4,382.73	1	\$ 4,382.73	\$0.00	\$ 4,382.73	100%	\$ -	
SEWER SERVICE ITEMS											
13	6" SDR 26 PVC SEWER PIPE FOR SERVICES (ALL DEPTHS)	942.0	\$ 10.60	\$ 9,985.20	898	\$ 9,518.80	\$0.00	\$ 9,518.80	95%	\$ 466.40	
14	8" X 8" X 6" PVC TEE	8.0	\$ 323.75	\$ 2,590.00	9	\$ 2,913.75	\$0.00	\$ 2,913.75	113%	\$ (323.75)	
15	6" PVC CLEANOUT	8.0	\$ 359.74	\$ 2,877.92	15	\$ 5,396.10	\$0.00	\$ 5,396.10	188%	\$ (2,518.18)	
LIFT STATION ITEMS											
16	LIFT STATION INCL CLEARING AND GRUBBING, BORROW MAT	1.0	\$ 207,236.80	\$ 207,236.80	1	\$ 207,236.80	\$0.00	\$ 207,236.80	100%	\$ -	
MISCELLANEOUS CONSTRUCTION ITEMS											
17	ABANDONMENT OF SEPTIC TANKS	7.0	\$ 359.68	\$ 2,517.76	5	\$ 1,798.40	\$0.00	\$ 1,798.40	71%	\$ 719.36	
18	DROP MANHOLE ASSEMBLY (ALL DEPTHS)	3.0	\$ 869.23	\$ 2,607.69	3	\$ 2,607.69	\$0.00	\$ 2,607.69	100%	\$ -	
19	WATER SERVICE REPAIR (INCLUDING SERVICE TUBING, FITTING	4.0	\$ 599.95	\$ 2,399.80	-	\$ -	\$0.00	\$ -	0%	\$ 2,399.80	
20	CRUSHED AGGREGATE (SIZE 825)	612.0	\$ 44.96	\$ 27,515.52	874	\$ 39,303.13	\$0.00	\$ 39,303.13	143%	\$ (11,787.61)	
TOTALS				\$ 373,583.66	\$	368,794.29	\$0.00	\$ 368,794.29	\$	4,789.37	

E/CDC No. C-620 (2002 Edition) 10/2/2018

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

For contract:		COMPREHENSIVE SEWER PHASE 5			Application Number: 43375					
Application Period:		8/26/2018	TO	9/30/2018	Application Date: 2-Oct-18					
Pay Item	A	Bid Quantity	Unit Price	Bid Value	C	D	E	F	%	G
	Item Description				Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	(F)	Balance to Finish (B - F)
	Subtotal from Previous Page			\$		\$	\$0.00	\$		\$
21	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM	2495.0	\$ 10.75	\$ 26,921.05	56	\$ 604.24	\$0.00	\$ 604.24	2%	\$ 26,316.81
22	HOT MIX ASPHALT, ST, 9.5MM	208.0	\$ 167.85	\$ 34,912.80	89	\$ 14,935.29	\$0.00	\$ 14,935.29	43%	\$ 19,977.51
23	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	57.0	\$ 59.95	\$ 3,417.15	*	\$ -	\$0.00	\$ -	0%	\$ 3,417.15
24	REMOVAL OF CROSS DRAINS (ALL TYPES AND SIZES)	16.0	\$ 11.99	\$ 191.84	72	\$ 863.28	\$0.00	\$ 863.28	450%	\$ (671.44)
25	30" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS	16.0	\$ 95.92	\$ 1,534.72	*	\$ *	\$0.00	\$ -	0%	\$ 1,534.72
26	CLASS "B" CONCRETE, MINOR STRUCTURES	5.0	\$ 2,353.82	\$ 11,769.10	*	\$ *	\$0.00	\$ -	0%	\$ 11,769.10
27	GRASSING	1.0	\$ 3,896.56	\$ 3,896.56	*	\$ -	\$0.00	\$ -	0%	\$ 3,896.56
28	EROSION CONTROL	1.0	\$ 6,594.17	\$ 6,594.17	1	\$ 3,297.09	\$0.00	\$ 3,297.09	50%	\$ 3,297.09
29	MOBILIZATION	1.0	\$ 44,960.26	\$ 44,960.26	1	\$ 44,960.26	\$0.00	\$ 44,960.26	100%	\$ -
30	MAINTENANCE OF TRAFFIC	1.0	\$ 29,973.50	\$ 29,973.50	1	\$ 29,973.50	\$0.00	\$ 29,973.50	100%	\$ -
1	SITE 2-CORRINE STREET, EMERALD LANE & DUKE AVENUE									
8"	SDR 26 PVC SEWER PIPE (6'-8')	243.0	\$ 24.46	\$ 5,943.78	448	\$ 10,958.08	\$0.00	\$ 10,958.08	184%	\$ (5,014.30)
8"	SDR 26 PVC SEWER PIPE (8'-10')	635.0	\$ 26.56	\$ 16,865.60	865	\$ 22,974.40	\$0.00	\$ 22,974.40	136%	\$ (6,108.80)
8"	SDR 26 PVC SEWER PIPE (10'-12')	125.0	\$ 28.95	\$ 3,618.75	115	\$ 3,329.25	\$0.00	\$ 3,329.25	92%	\$ 289.50
8"	SDR 26 PVC SEWER PIPE (12'-14')	137.0	\$ 31.35	\$ 4,294.95	145	\$ 4,545.75	\$0.00	\$ 4,545.75	106%	\$ (250.80)
8"	SDR 26 PVC SEWER PIPE (14'-16')	102.0	\$ 36.15	\$ 3,687.30	102	\$ 3,687.30	\$0.00	\$ 3,687.30	100%	\$ -
8"	SDR 26 PVC SEWER PIPE (16'-18')	187.0	\$ 40.94	\$ 7,655.78	327	\$ 13,387.38	\$0.00	\$ 13,387.38	175%	\$ (5,731.60)
8"	SDR 11 HDPE SEWER SERVICE BORE	275.0	\$ 59.47	\$ 16,354.25	268	\$ 15,937.96	\$0.00	\$ 15,937.96	97%	\$ 416.29
15"	SDR 26 PVC SEWER PIPE (6'-8')	733.0	\$ 38.50	\$ 28,220.50	647	\$ 24,909.50	\$0.00	\$ 24,909.50	88%	\$ 3,311.00
15"	SDR 26 PVC SEWER PIPE (8'-10')	336.0	\$ 43.29	\$ 14,545.44	315	\$ 13,636.35	\$0.00	\$ 13,636.35	94%	\$ 909.09
15"	SDR 26 PVC SEWER PIPE (10'-12')	225.0	\$ 48.09	\$ 10,820.25	266	\$ 12,791.94	\$0.00	\$ 12,791.94	118%	\$ (1,971.69)
24"	STEEL CASING (BORED)	60.0	\$ 213.46	\$ 12,807.60	30	\$ 6,403.80	\$0.00	\$ 6,403.80	50%	\$ 6,403.80
	MANHOLE ITEMS									
48"	PRECAST CONCRETE SEWER MANHOLE (8'-10')	3.0	\$ 3,179.29	\$ 9,537.87	4	\$ 12,717.16	\$0.00	\$ 12,717.16	133%	\$ (3,179.29)
48"	PRECAST CONCRETE SEWER MANHOLE (12'-14')	1.0	\$ 3,663.36	\$ 3,663.36	1	\$ 3,663.36	\$0.00	\$ 3,663.36	100%	\$ -
TOTALS				\$	\$	\$	\$	\$		\$
				\$ 675,770.24		\$ 612,370.18	\$0.00	\$ 612,370.18		\$ 63,400.06

EJCDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

COMPREHENSIVE SEWER PHASE 5					Application Number: 43375					
Application Period:		8/26/2018 TO 9/30/2018		Application Date: 2-Oct-18						
Pay Item	A Item Description	Bid Quantity	Unit Price	B Bid Value	C Estimated Quantity Installed	D Value	E Materials Stored (not in C)	F Total Completed and Stored to Date (D + E)	% (F)	G Balance to Finish (B - F)
14	Subtotal from Previous Page 48" PRECAST CONCRETE SEWER MANHOLE (14'-16") 60" PRECAST CONCRETE SEWER MANHOLE (6'-8") 60" PRECAST CONCRETE SEWER MANHOLE (10'-12") DROP MANHOLE ASSEMBLY (ALL DEPTHS) DEMOLITION AND REMOVAL OF EXISTING SEWER MANHOLE SEWER SERVICE ITEMS 6" SDR 26 PVC SEWER PIPE FOR SERVICES (ALL DEPTHS) 8" X 8" X 6" PVC TEE SERVICE CONNECTION (INSERT A TEE) 6" PVC CLEANOUT MISCELLANEOUS CONSTRUCTION ITEMS WATER SERVICE REPAIR (INCLUDING SERVICE TUBING, FITTING) CRUSHED AGGREGATE (SIZE 825) SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM HOT MIX ASPHALT, 57, 9.5MM CONCRETE PAVEMENT REPAIR (ALL DEPTHS) REMOVAL OF CROSS DRAINS (ALL TYPES AND SIZES) 12" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS 18" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS 21" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS 24" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS CLASS "B" CONCRETE, MINOR STRUCTURES GRASSING EROSION CONTROL MOBILIZATION	1.0	\$ 4,675.87	\$ 675,770.24	1	\$ 4,675.87	\$ 612,370.18	\$0.00	\$ 612,370.18	\$ 63,400.06
15		3.0	\$ 4,615.92	\$ 13,847.76	2	\$ 9,231.84	\$ 4,675.87	\$0.00	\$ 4,675.87	\$ 4,615.92
16		2.0	\$ 4,991.79	\$ 9,983.58	3	\$ 14,975.37	\$ 9,231.84	\$0.00	\$ 14,975.37	\$ (4,991.79)
17		3.0	\$ 869.23	\$ 2,607.69	1	\$ 869.23	\$ 14,975.37	\$0.00	\$ 869.23	\$ 1,738.46
18		8.0	\$ 1,498.68	\$ 11,989.44	8	\$ 11,989.44	\$ 869.23	\$0.00	\$ 11,989.44	\$ -
19		270.0	\$ 10.56	\$ 2,851.20	846	\$ 8,933.76	\$ 11,989.44	\$0.00	\$ 8,933.76	\$ (6,082.56)
20		3.0	\$ 323.75	\$ 971.25	15	\$ 4,856.25	\$ 8,933.76	\$0.00	\$ 4,856.25	\$ (3,885.00)
21		6.0	\$ 585.08	\$ 3,510.48	17	\$ 9,946.36	\$ 4,856.25	\$0.00	\$ 9,946.36	\$ (6,435.88)
22		9.0	\$ 370.47	\$ 3,334.23	32	\$ 11,855.04	\$ 9,946.36	\$0.00	\$ 11,855.04	\$ (8,520.81)
23		8.0	\$ 669.01	\$ 5,352.08	11	\$ 7,359.11	\$ 11,855.04	\$0.00	\$ 7,359.11	\$ (2,007.03)
24		1387.0	\$ 44.96	\$ 62,359.52	1,333.32	\$ 59,946.07	\$ 7,359.11	\$0.00	\$ 59,946.07	\$ 2,413.45
25		8090.0	\$ 11.39	\$ 92,145.10	3,396	\$ 38,681.01	\$ 59,946.07	\$0.00	\$ 38,681.01	\$ 53,464.09
26		530.0	\$ 167.85	\$ 88,960.50	726	\$ 121,830.57	\$ 38,681.01	\$0.00	\$ 121,830.57	\$ (32,870.07)
27		25.0	\$ 59.95	\$ 1,498.75	26	\$ 1,563.50	\$ 121,830.57	\$0.00	\$ 1,563.50	\$ (64.75)
28		180.0	\$ 11.99	\$ 2,158.20	288	\$ 3,453.12	\$ 1,563.50	\$0.00	\$ 3,453.12	\$ (1,294.92)
29		24.0	\$ 39.57	\$ 949.68	-	\$ -	\$ 3,453.12	\$0.00	\$ -	\$ 949.68
30		64.0	\$ 43.16	\$ 2,762.24	168	\$ 7,250.88	\$ -	\$0.00	\$ 7,250.88	\$ (4,488.64)
31		40.0	\$ 52.75	\$ 2,110.00	-	\$ -	\$ 7,250.88	\$0.00	\$ -	\$ 2,110.00
32	48.0	\$ 70.74	\$ 3,395.52	120	\$ 8,488.80	\$ -	\$0.00	\$ 8,488.80	\$ (5,093.28)	
33	1.0	\$ 2,381.10	\$ 2,381.10	-	\$ -	\$ 8,488.80	\$0.00	\$ -	\$ 2,381.10	
34	1.0	\$ 3,896.56	\$ 3,896.56	-	\$ -	\$ -	\$0.00	\$ -	\$ 3,896.56	
35	1.0	\$ 7,793.11	\$ 7,793.11	1	\$ 7,793.11	\$ -	\$0.00	\$ 7,793.11	\$ -	
36	1.0	\$ 41,962.90	\$ 41,962.90	1.00	\$ 41,962.90	\$ 7,793.11	\$0.00	\$ 41,962.90	\$ -	
TOTALS				\$ 1,047,267.00		\$ 988,032.40	\$0.00	\$ 988,032.40		\$ 59,234.60

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Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Monthly Totals

	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	TOTAL
		Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
	SITE 3-DOGWOOD DRIVE											0
1	4" 160 PSI PVC SANITARY SEWER FORCE MAIN (ALL DEPTHS)						745	237				982
2	8" SDR 26 PVC SEWER PIPE (0-6')				423		543					966
3	8" SDR 26 PVC SEWER PIPE (6'-8')				151		184	372				707
4	8" SDR 26 PVC SEWER PIPE (8'-10')				96		50					146
5	8" SDR 26 PVC SEWER PIPE (10'-12')						48					48
6	8" SDR 26 PVC SEWER PIPE (12'-14')						55					55
7	AIR RELEASE AND VACUUM VALVE ASSEMBLY (INCLUDING PRECAST CONCRETE MANHOLE)							1				1
6	MANHOLE ITEMS											0
8	48" PRECAST CONCRETE SEWER MANHOLE (0-6')						1			1		2
9	48" PRECAST CONCRETE SEWER MANHOLE (6'-8')				3		2			2		7
10	48" PRECAST CONCRETE SEWER MANHOLE (8'-10')				1							1
11	48" PRECAST CONCRETE SEWER MANHOLE (10'-12')											0
12	48" PRECAST CONCRETE SEWER MANHOLE (12'-14')						1					1
	SEWER SERVICE ITEMS											0
13	6" SDR 26 PVC SEWER PIPE FOR SERVICES (ALL DEPTHS)				144		369	282		103		898
14	8" X 8" X 6" PVC TEE				2		4	2		1		9
15	6" PVC CLEANOUT				3		4	3		5		15
	LIFT STATION ITEMS											0
16	LIFT STATION INCL CLEARING AND GRUBBING, BORROW MATERIAL, CRUSHED AGGREGATE, CONCRETE WET WELL, PUMPS, ELECTRICAL, DISCONNECT, VAL				0.25		0.5		0.2	0.05		1
	MISCELLANEOUS CONSTRUCTION ITEMS											0
17	ABANDONMENT OF SEPTIC TANKS									5		5
18	DROP MANHOLE ASSEMBLY (ALL DEPTHS)									3		3
19	WATER SERVICE REPAIR (INCLUDING SERVICE TUBING, FITTINGS, CORP STOP, CURB STOP, TAPPING SADDLE, ETC.)											0
20	CRUSHED AGGREGATE (SIZE B25)				12.08			77.75	784.35			874.18

Monthly Totals

	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	TOTAL
		Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
21	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM					56		88.98				56
22	HOT MIX ASPHALT, 5", 9.5MM											88.98
23	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)											0
24	REMOVAL OF CROSS DRAINS (ALL TYPES AND SIZES)								72			72
25	30" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS											0
26	CLASS "B" CONCRETE, MINOR STRUCTURES											0
27	GRASSING											0
28	EROSION CONTROL							0.5				0.5
29	MOBILIZATION					1						1
30	MAINTENANCE OF TRAFFIC					0.5		0.25	0.25			1
	SITE 2-CORRINE STREET, EMERALD LANE & DUKE AVENUE											0
1	8" SDR 26 PVC SEWER PIPE (6'-8')			28	420							448
2	8" SDR 26 PVC SEWER PIPE (8'-10')			111	754							865
3	8" SDR 26 PVC SEWER PIPE (10'-12')			115								115
4	8" SDR 26 PVC SEWER PIPE (12'-14')			145								145
5	8" SDR 26 PVC SEWER PIPE (14'-16')			77	25							102
6	8" SDR 26 PVC SEWER PIPE (16'-18')			215	112							327
7	8" SDR 11 HDPE SEWER SERVICE BORE			288								268
8	15" SDR 26 PVC SEWER PIPE (6'-8')		647									647
9	15" SDR 26 PVC SEWER PIPE (8'-10')	200	115									315
10	15" SDR 26 PVC SEWER PIPE (10'-12')	96	168									266
11	24" STEEL CASING (BORED)		30									30
	MANHOLE ITEMS											0
12	48" PRECAST CONCRETE SEWER MANHOLE (8'-10')				4							4
13	48" PRECAST CONCRETE SEWER MANHOLE (12'-14')			1								1

Monthly Totals

	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	TOTAL
		Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
14	48" PRECAST CONCRETE SEWER MANHOLE (14'-16')											1
15	60" PRECAST CONCRETE SEWER MANHOLE (6'-8')		2									2
16	60" PRECAST CONCRETE SEWER MANHOLE (10'-12')	2	1									3
17	DROP MANHOLE ASSEMBLY (ALL DEPTHS)		1									1
18	DEMOLITION AND REMOVAL OF EXISTING SEWER MANHOLE		5		3							8
	SEWER SERVICE ITEMS											0
19	6" SDR 26 PVC SEWER PIPE FOR SERVICES (ALL DEPTHS)	17	236	333	260							846
20	8" X 8" X 6" PVC TEE			10	5							15
21	SERVICE CONNECTION (INSERT A TEE)	1	16									17
22	6" PVC CLEANOUT	1	13	11	7							32
	MISCELLANOUS CONSTRUCTION ITEMS											0
23	WATER SERVICE REPAIR (INCLUDING SERVICE TUBING, FITTINGS, CORP STOP, CURB STOP, TAPPING SADDL		3	8								11
24	CRUSHED AGGREGATE (SIZE 825)	111.39	538.72	451.21	232			64.05				1333.32
25	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM		716	1762	854				725.83			3396.05
26	HOT MIX ASPHALT, ST. 9.5MM											725.83
27	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)				26.08							26.08
28	REMOVAL OF CROSS DRAINS (ALL TYPES AND SIZES)		88		200							288
29	12" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS											0
30	18" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS		48		80							168
31	21" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS	40										0
32	24" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS				120							120
33	CLASS "B" CONCRETE, MINOR STRUCTURES		0									0
34	GRASSING											0
35	EROSION CONTROL	0.5	0.5		0.5		0.5					1
36	MOBILIZATION											1



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

September 27, 2018
Project No: 11256
Invoice No: 20468

Project Manager Kyle Wallace
Project 11256 CIPP Sewer in Various Locations
Professional Services from August 26, 2018 to September 22, 2018

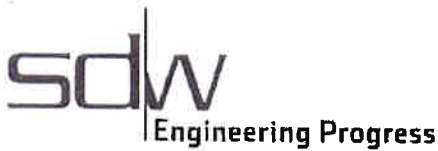
Phase DD Design Phase Services
Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Wallace, Kyle	53.00	175.00	9,275.00	
Weeks, John	14.00	175.00	2,450.00	
Totals	67.00		11,725.00	
Total Labor				11,725.00
		Total this Phase		\$11,725.00
		Total this Invoice		\$11,725.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695. 7220.75
MB 2011-4/89-110

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CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

September 27, 2018
Project No: 1273-W015
Invoice No: 20466

Project Manager John Weeks
Project 1273-W015 Water Plant #1 Rehabilitation

Professional Services from August 25, 2018 to September 22, 2018

Phase AS Additional Services
Professional Personnel

	Hours	Rate	Amount
CADD TECHNICIAN I			
Sullivan, Richard	.50	105.00	52.50
Totals	.50		52.50
Total Labor			52.50
Total this Phase			\$52.50

Phase DD Design Phase Services
Professional Personnel

	Hours	Rate	Amount
CAD TECHNICIAN II			
Trahan, Beau	40.50	90.00	3,645.00
PROJECT ENGINEER			
Connolly, Nicholas	25.00	175.00	4,375.00
Weeks, John	29.50	175.00	5,162.50
Totals	95.00		13,182.50
Total Labor			13,182.50
Total this Phase			\$13,182.50
Total this Invoice			\$13,235.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7295.70

MB 2017-81

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CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

September 27, 2018
Project No: 1273-S011
Invoice No: 20465

Project Manager John Weeks
Project 1273-S011 ComSWIP Sewer Phase X - Quinn St. Area
Professional Services from August 26, 2018 to September 22, 2018
Professional Personnel

	Hours	Rate	Amount	
SR. RESIDENT PROJECT REPRESENTATIVE				
Phillips, Michael	8.50	85.00	722.50	
PROJECT ENGINEER				
Weeks, John	14.00	175.00	2,450.00	
Totals	22.50		3,172.50	
Total Labor				3,172.50
		Total this Invoice		\$3,172.50

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7220.72
MB 2011-4/89-110

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CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

September 27, 2018
Project No: 1273-S010
Invoice No: 20464

Project Manager John Weeks
Project 1273-S010 ComSWIP Sewer Phase VIII - Camp St. Area
Professional Services from August 26, 2018 to September 22, 2018

Phase	CM	Construction Phase Services				
Professional Personnel						
			Hours	Rate	Amount	
CADD TECHNICIAN I						
Sullivan, Richard			.50	105.00	52.50	
SR. RESIDENT PROJECT REPRESENTATIVE						
Jackson, Terry			21.00	95.00	1,995.00	
Tingle, William			108.00	95.00	10,260.00	
PROJECT ENGINEER						
Weeks, John			30.00	150.00	4,500.00	
Totals			159.50		16,807.50	
Total Labor						16,807.50
Total this Phase						\$16,807.50
Total this Invoice						\$16,807.50

Please make checks payable to Shows, Dearman and Walts, Inc. Thank you.

093695. 7220.70
MB 2011-4/89-110

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CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

September 26, 2018
Project No: 1273-W013.001
Invoice No: 20459

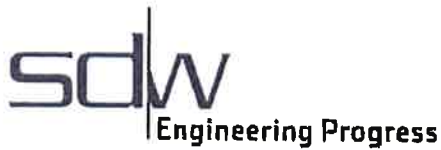
Project Manager Kyle Wallace
Project 1273-W013.001 COMSWIP Water Phase V - I59 Crossing - Construction Phase
Professional Services from August 26, 2018 to September 22, 2018

Phase	CM	Construction Management			
Professional Personnel					
		Hours	Rate	Amount	
SR. RESIDENT PROJECT REPRESENTATIVE					
	Jackson, Terry	3.00	85.00	255.00	
FIELD CREW					
	Crew, Field	2.50	175.00	437.50	
PROJECT ENGINEER					
	Wallace, Kyle	3.00	175.00	525.00	
	Totals	8.50		1,217.50	
	Total Labor				1,217.50
			Total this Phase		\$1,217.50
			Total this Invoice		\$1,217.50

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7245.62
MB 2011-4/89-110

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CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

September 26, 2018
Project No: 1273-W007
Invoice No: 20458

Project Manager Kyle Wallace
Project 1273-W007 ComSWIP Water Phase II - Palmers Crossing
Professional Services from August 26, 2018 to September 22, 2018

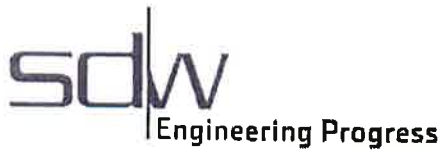
Phase CM Palmer's Crossing - Construction Phase
Professional Personnel

	Hours	Rate	Amount	
CONSTRUCTION OBSERVER				
Jackson, Terry	13.00	85.00	1,105.00	
PROJECT ENGINEER				
McNease, Shea	2.00	150.00	300.00	
Sellers, Bennie	2.00	150.00	300.00	
Wallace, Kyle	10.00	150.00	1,500.00	
Totals	27.00		3,205.00	
Total Labor				3,205.00
		Total this Phase		\$3,205.00
		Total this Invoice		\$3,205.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7245.51
MB 2011-4/89-110

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CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

September 26, 2018
Project No: 1273-S005
Invoice No: 20456

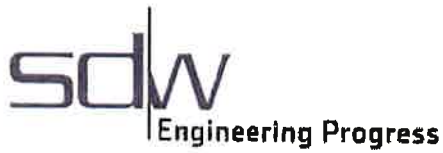
Project Manager Kyle Wallace
Project 1273-S005 ComSWIP Sewer Phase V
Professional Services from August 26, 2018 to September 22, 2018

Phase	CM	Phase V - Construction Phase Services		
Professional Personnel				
		Hours	Rate	Amount
CONSTRUCTION OBSERVER				
	Jackson, Terry	37.00	85.00	3,145.00
PROJECT ENGINEER				
	Sellers, Bennie	2.00	150.00	300.00
	Wallace, Kyle	6.50	175.00	1,137.50
	Totals	45.50		4,582.50
	Total Labor			4,582.50
			Total this Phase	\$4,582.50
			Total this Invoice	\$4,582.50

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7220.54
MB 2011-4/89-110 + 2012-1/4/13

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CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

September 26, 2018
Project No: 1273-S012
Invoice No: 20457

Project Manager Kyle Wallace

Project 1273-S012 COMSWIP Sewer Improv. Phase XII

Professional Services from August 26, 2018 to September 22, 2018

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Connolly, Nicholas	10.00	175.00	1,750.00	
Wallace, Kyle	20.00	175.00	3,500.00	
Totals	30.00		5,250.00	
Total Labor				5,250.00
		Total this Invoice		\$5,250.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7220.51
MB 2011-4/89-110

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Hattiesburg, Mississippi does hereby certify to Regions Bank, as trustee in respect to the referenced Bonds (the Trustee”):

- (1) The amounts herein requisitioned to be paid to the above-designated payees are for the items or services hereinabove described.
- (2) The items or services listed above for which payment is proposed to be made hereunder have not formed the basis for any payment heretofore made from the Series 2016 Project Fund Construction Account.
- (3) Each of the items was reasonable and necessary in connection with the “Construction Project” being financed pursuant to the Loan Agreement dated as of August 18, 2016 (the “Loan Agreement”).
- (4) The payment herein authorized and approved is a proper charge against the Series 2016 Project Fund Construction Account as provided for in Section 3 of the Loan Agreement.
- (5) The invoices or statements from the contractor, vendor or other payee or other document supporting the amounts requisitioned herein are on file with the City.

CITY OF HATTIESBURG, MISSISSIPPI

By: 
Title: Mayor or City Clerk
(Authorized City Representative)

As Approved by:

Regions Commercial Equipment Finance, LLC
As Purchaser

Authorized Officer