



September 30, 2019

Hon. Kevin Neal – Judge Executive  
Marshall County Fiscal Court  
1101 Main Street  
Benton, KY 42025

**RE: Murtco Utility Services, LLC Application for Payment No. 13  
Recommendation for Payment  
Draffenville Sewer Expansion Phases 1-3  
Draffenville, Marshall County, Kentucky**

Judge Neal,

We have received and reviewed the thirteenth application for payment from Murtco Utility Services, LLC (Murtco) on the sewer expansion project in Draffenville. Following our review, we concur with the quantities shown and the amount invoiced. We recommend that payment be issued to Murtco in the amount indicated on the application as **\$72,175.88**, for the work completed and materials stored through September 27, 2019. This includes a 5% retainage.

To date, Murtco has installed all of the originally contracted scope of work items, including the two (2) lift stations, nine (9) gravity sewer mains (A thru I), and two (2) force mains. The contractor is currently working on Sewer Line J, which extends from the U.S. 641 lift station No. 1 upstream towards the Memory Lane trailer park. Based upon our review of the work, the contractor is staffing the project appropriately, and the workmanship has been satisfactory. At this time, we understand that Murtco plans to complete work on Sewer Line J during the month of October.

One copy of Murtco's application for payment is attached to this letter for your reference. Also included, are

- a) Copies of Rivercrest's September invoice for engineering services (for approval)
- b) KIA Funding "Exhibit B" Draw Request Form (**requires signature**)
- c) Change Order No. 5 – This adds new pay items for a 12-inch Open Cut Stream Crossing, a deeper 8-inch sewer construction line item, and costs for additional clearing work that was required for construction of Line J.

Upon your approval, please return a scanned copy of the executed KIA draw request and Change Order No. 5 to me so that we may process these payments through the Division of Water and KIA Loan processes. If you have any questions, or wish to discuss further, please call me at your convenience.

Sincerely,  
**Rivercrest Engineering, Inc.**

A handwritten signature in blue ink, appearing to read "Charles D. McCann II", is written over a faint circular stamp.

Charles D. McCann II, P.E.  
Project Manager

cc: Randy Green, Sanitation District Chairman

Rivercrest Job No. 17009-02



## Professional Services Invoice

**Service Provider:** Rivercrest Engineering Incorporated  
3519 State Route 440  
Hickory, KY 42051  
Phone (270) 519-7675

**Invoice No.** 25  
**Invoice Date:** September 30, 2019

**REI Project No.** 17009-02

**Client:** Marshall County Fiscal Court  
Attn: Kevin Neal, Judge/Executive  
1101 Main Street  
Benton, KY 42025

**Project Name:** MC San District  
Sanitary Sewer Expansion  
Phase 1  
Draffenville, KY

**Service Dates:** 8/31/2019 through 9/27/2019

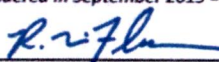
**Professional Service Invoice Type:**

<b>Lump Sum &amp; Hourly</b>	<b>375,800.00</b>	
Lump Sum - Des thru Proc	165,400.00	- Approved at 8/2/17 MCFC Meeting
Hourly - Const Eng & Obs	141,000.00	- Approved at 2/20/18 MCFC Meeting
Lump Sum - CM #1 - LStation	15,000.00	- Contract Mod #1 Approved 6/18/18 by Signed Proposal Letter
Lump Sum - CM #2 - Grav. Ext to WWTP	33,000.00	- Contract Mod #2 Approved 4/8/19 @ MCFC Meeting
Hourly - CM #3 - Const Time Extension	21,400.00	- Contract Mod #3 Approved 9/3/19 by signed proposal letter

Task Item No	Service Description	L.S. Amount	Units This Period	Complete to Date	Amount Subtotal
1	Preliminary Evaluation	9,600.00		100%	\$9,600.00
2	Preliminary Design & Survey Coord.	29,900.00		100%	\$29,900.00
3	Final Design & Permitting	42,200.00		100%	\$42,200.00
4	Easement Development & Negotiation	33,900.00		100%	\$33,900.00
5	Procurement Assistance	6,800.00		100%	\$6,800.00
6	Cont Mod #1 - Relocate L Sta and Gravity	15,000.00		100%	\$15,000.00
7	Cont Mod #2 - Gravity Extension Sycamore Cr to WWTP	12,400.00		100%	\$12,400.00

<b>Subtotal Lump Sum Services</b>	<b>149,800.00</b>		<b>100%</b>	<b>\$149,800.00</b>
<b>L.S. Direct Expenses - Surv/Geo/Elec</b>	<b>43,000.00</b>		<b>100%</b>	<b>\$43,000.00</b>
<b>Construction Phase Services - Hourly T&amp;M</b>				
Hourly - Tech. Rate	75.00	103.0	1582	\$118,650.00
Hourly - Des. Rate	90.00		22	\$1,980.00
Hourly - PM Rate	115.00	14.0	370	\$42,550.00
<b>Direct Expense - Mileage</b>	<b>0.59</b>	<b>478</b>	<b>7564</b>	<b>\$4,462.76</b>
<b>Approved HRLY Amt.</b>	<b>183,000.00</b>		<b>91.6%</b>	<b>\$167,642.76</b>
* Initial Fee Est. based on 32 Week Construction Period				
<b>Amount Earned to Date</b>				<b>\$360,442.76</b>
Less Amount Previously Invoiced				\$350,825.74
<b>Amount Due this Invoice</b>				<b>\$9,617.02</b>

Service fees due for professional services rendered in September 2019 = \$9,617.02

  
R. Brian Flynn, PE, President

Payment History (see Page 2) :

<u>Invoice No.</u>	<u>Invoice Date</u>	<u>Amount Due</u>	<u>Amount Paid</u>	<u>Date Received</u>	<u>Invoice Age</u>	<u>Cummulative AR</u>
1	September 12, 2017	\$16,235.00	\$16,235.00	1/4/2018	0	\$0.00
2	November 1, 2017	\$42,925.00	\$42,925.00	1/4/2018	0	\$0.00
3	December 5, 2017	\$33,610.00	\$33,610.00	1/4/2018	0	\$0.00
4	January 3, 2018	\$14,020.00	\$14,020.00	2/8/2018	0	\$0.00
5	February 9, 2018	\$11,870.00	\$11,870.00	3/26/2018	0	\$0.00
6	March 5, 2018	\$12,280.00	\$12,280.00	5/29/2018	0	\$0.00
7	April 5, 2018	\$13,560.00	\$13,560.00	4/13/2018	0	\$0.00
8	May 8, 2018	\$9,800.00	\$9,800.00	6/12/2018	0	\$0.00
9	June 7, 2018	\$7,700.00	\$7,700.00	6/20/2018	0	\$0.00
10	July 9, 2018	\$12,400.00	\$12,400.00	8/10/2018	0	\$0.00
11	August 8, 2018	\$6,000.00	\$6,000.00	8/27/2018	0	\$0.00
12	September 4, 2018	\$6,110.54	\$6,110.54	10/4/2018	0	\$0.00
13	October 1, 2018	\$13,987.25	\$13,987.25	12/10/2018	0	\$0.00
14	November 2, 2018	\$20,342.46	\$20,342.46	12/10/2018	0	\$0.00
15	December 3, 2018	\$12,934.66	\$12,934.66	1/12/2019	0	\$0.00
16	January 3, 2019	\$14,204.37	\$14,204.37	1/25/2019	0	\$0.00
17	February 1, 2019	\$19,137.43	\$19,137.43	2/21/2019	0	\$0.00
18	March 4, 2019	\$15,327.94	\$15,327.94	3/25/2019	0	\$0.00
19	April 1, 2019	\$15,579.51	\$15,579.51	4/26/2019	0	\$0.00
20	May 1, 2019	\$17,496.15	\$17,496.15	7/10/2019	0	\$0.00
21	June 3, 2019	\$18,459.53	\$18,459.53	7/10/2019	0	\$0.00
22	July 1, 2019	\$6,052.50			91	\$6,052.50
23	August 6, 2019	\$3,880.00	\$3,880.00	8/24/2019	0	\$6,052.50
24	September 3, 2019	\$6,913.40			27	\$12,965.90
25	September 30, 2019	\$9,617.02			0	\$22,582.92





## Professional Services Invoice

**Service Provider:** Rivercrest Engineering Incorporated  
 3519 State Route 440  
 Hickory, KY 42051  
 Phone (270) 519-7675

**Invoice No.** 17  
**Invoice Date:** September 30, 2019

**REI Project No.** 17014

**Client:** Marshall County Fiscal Court  
 Attn: Kevin Neal, Judge/Executive  
 1101 Main Street  
 Benton, KY 42025

**Project Name:** Marshall Co. Fiscal Court  
 Loan Administration Assist.  
 San Dist - Sewer Expansion  
 Draffenville, KY

**Service Dates:** 6/1/2019 through 9/27/2019

\* Services Approved at 10/17/17 MCFC Meeting

\* Contract Mod Services approved at 4/8/19 MCFC Mtg - Part of \$34,500 Cont Mod #2 for Gravity Ext to WWTP

<b>Professional Service Invoice Type:</b>	<b>Lump Sum Amt Approved</b>	<b>56,500.00</b>
	<b>Original Approved Amount</b>	<b>55,000.00</b>
	<b>Contract Mod - Gravity Ext</b>	<b>1,500.00</b>

Task Item No	Service Description	L.S. Amount	Units This Period	Complete to Date	Amount Subtotal
1	Preliminary & Design Phase	4,000.00		100%	\$4,000.00
2	Construction Procurement Phase	7,000.00		100%	\$7,000.00
3	Construction Phase	30,000.00	5%	100%	\$30,000.00
4	Project Closeout Phase	12,000.00		0%	\$0.00
5	Contract Mod - Gravity Ext Sycamore Cr to WWTP	1,500.00	30%	30%	\$450.00

<b>Subtotal Lump Sum Services</b>	<b>53,000.00</b>		<b>78%</b>	<b>\$41,450.00</b>
<b>L.S. Direct Expenses - Reprod/Mileage,etc</b>	<b>2,000.00</b>		<b>50%</b>	<b>\$1,000.00</b>
<b>Hourly Services</b>				
Hourly - Tech. Rate	75.00	0	0	\$0.00
Hourly - Des. Rate	90.00	0	0	\$0.00
Hourly - PM Rate	115.00	0	0	\$0.00
<b>Approved HRLY Amt.</b>	<span style="border: 1px solid black; padding: 2px;">0.00</span>			<b>\$0.00</b>
<b>Amount Earned to Date</b>				<b>\$42,450.00</b>
Less Amount Previously Invoiced				\$40,500.00
<b>Amount Due this Invoice</b>				<b>\$1,950.00</b>

*Service fees due for professional services rendered in June-September 2019 =*

**\$1,950.00**

  
 R. Brian Flynn, PE, President

Payment History (see Page 2) :

<u>Invoice No.</u>	<u>Invoice Date</u>	<u>Amount Due</u>	<u>Amount Paid</u>	<u>Date Received</u>	<u>Invoice Age</u>	<u>Cummulative Amount</u>
1	February 9, 2018	\$2,600.00	\$2,600.00	3/26/2018	0	\$0.00
2	March 5, 2018	\$600.00	\$600.00	5/29/2018	0	\$0.00
3	April 5, 2018	\$400.00	\$400.00	4/13/2018	0	\$0.00
4	June 7, 2018	\$750.00	\$750.00	6/20/2018	0	\$0.00
5	July 9, 2018	\$1,050.00	\$1,050.00	8/10/2018	0	\$0.00
6	August 8, 2018	\$5,600.00	\$5,600.00	8/27/2018	0	\$0.00
7	September 4, 2018	\$3,000.00	\$3,000.00	10/4/2018	0	\$0.00
8	October 1, 2018	\$3,300.00	\$3,300.00	12/10/2018	0	\$0.00
9	November 2, 2018	\$2,700.00	\$2,700.00	12/10/2018	0	\$0.00
10	December 3, 2018	\$3,600.00	\$3,600.00	1/12/2019	0	\$0.00
11	January 3, 2019	\$4,200.00	\$4,200.00	1/25/2019	0	\$0.00
12	February 1, 2019	\$2,400.00	\$2,400.00	2/21/2019	0	\$0.00
13	March 4, 2019	\$2,400.00	\$2,400.00	3/25/2019	0	\$0.00
14	April 1, 2019	\$3,000.00	\$3,000.00	4/26/2019	0	\$0.00
15	May 1, 2019	\$2,400.00	\$2,400.00	7/10/2019	0	\$0.00
16	June 3, 2019	\$2,500.00	\$2,500.00	7/10/2019	0	\$0.00
17	September 30, 2019	\$1,950.00				\$1,950.00




**SECTION 00650  
CONTRACT CHANGE ORDER**

Change Order No. 5

To: <b>MURTCO UTILITY SERVICES, LLC 815 ABELL STREET PADUCAH, KENTUCKY 42003</b>		Date: <b>30-Sep-19</b>	Project: <b>MARSHALL COUNTY SANITATION DISTRICT SEWER EXPANSION - PHASES 1-3</b>			
		Location: <b>DRAFFENVILLE, KY</b>				
ITEM	DESCRIPTION	UNITS	BID QTY.	UNIT PRICE BID	INSTALLED QTY.	TOTAL ADDITION / DEDUCT
1.	10" SDR-26 PVC Gravity Sewer (15'+ Deep)	I.f.	190	\$68.00	190	\$0
2.	10" SDR-26 PVC Gravity Sewer (10-15' Deep)	I.f.	1,000	\$52.00	1,000	\$0
3.	10" SDR-35 PVC Gravity Sewer (0-10' Deep)	I.f.	960	\$43.00	960	\$0
4.	10" RJ/PVC Gravity Sewer (w/in Encasement)	I.f.	435	\$42.00	435	\$0
5.	8" SDR-26 PVC Gravity Sewer (10-15' Deep)	I.f.	1,625	\$46.00	1,625	\$0
6.	8" SDR-35 PVC Gravity Sewer (0-10' Deep)	I.f.	6,365	\$38.00	6,365	\$0
7.	8" RJ/PVC Gravity Sewer (w/in Encasement)	I.f.	705	\$35.00	705	\$0
8.	8" DR-11 HDPE Force Main (Trench)	I.f.	5,910	\$36.00	5,910	\$0
9.	8" DR-11 HDPE Force Main (HDD)	I.f.	980	\$57.00	980	\$0
10.	2" DR-11 HDPE Force Main (Trench)	I.f.	60	\$12.00	60	\$0
11.	6" PVC Service Lateral	I.f.	760	\$46.00	760	\$0
12.	20" Steel Encasement (Bore & Jack)	I.f.	240	\$370.00	240	\$0
13.	20" Steel Encasement (Stream Crossing)	I.f.	100	\$100.00	100	\$0
14.	16" Steel Encasement (Bore & Jack - 8" Sewer)	I.f.	620	\$385.00	620	\$0
15.	4' Diameter Precast Concrete Manhole (15'+ Deep)	each	1	\$4,875.00	1	\$0
16.	4' Diameter Precast Concrete Manhole (10-15' Deep)	each	17	\$4,060.00	17	\$0
17.	4' Diameter Precast Conc. Drop Manhole (10-15'+ Deep)	each	3	\$6,890.00	3	\$0
18.	4' Diameter Precast Concrete Manhole (4-10' Deep)	each	33	\$3,500.00	33	\$0
19.	4' Diameter Precast Conc. Drop Manhole (4-10' Deep)	each	1	\$5,615.00	1	\$0
20.	2" Air Release Valve & Vault	each	6	\$4,370.00	6	\$0
21.	Cleanout Assembly	each	39	\$750.00	39	\$0
22.	Core Drill Existing Wet Well/Manhole	I. sum	2	\$1,210.00	2	\$0
23.	Reconnect Existing Sewer Service	each	1	\$1,200.00	1	\$0
24.	Tie Existing Sewer to Proposed Manhole	each	1	\$1,150.00	1	\$0
25.	Class III Channel Lining (w/ Geotextile Fabric)	s.y.	330	\$44.00	330	\$0
26.	Landscaping & Seeding	I. sum	1	\$110,370.00	1	\$0
27.	Select Fill	tons	2,355	\$21.00	2,355	\$0
28.	Concrete Class B Thrustblocking	c.y.	6	\$150.00	6	\$0
29.	Concrete Driveway Replacement	s.y.	20	\$64.00	20	\$0
30.	Asphalt Driveway/Roadway Replacement	tons	146	\$195.00	146	\$0
31.	Clearing & Grubbing	I. sum	1	\$33,545.00	1	\$0
32a	MCHS LS No. 1 - 270gpm Duplex Lift Station	I. sum	1	\$205,890.00	1	\$0
32b	MCHS LS No. 1 - Electrical (Includes Generator)	I. sum	1	\$69,350.00	1	\$0
32c	MCHS LS No. 1 - Site Grading, DGA, Culvert & Riprap	I. sum	1	\$14,910.00	1	\$0
32d	MCHS LS No. 1 - Site Fencing & Gate	I. sum	1	\$14,210.00	1	\$0
33a	Steeple Chase LS No. 2 - 50gpm Duplex Lift Station	I. sum	1	\$45,925.00	1	\$0
33b	Steeple Chase LS No. 2 - Electrical	I. sum	1	\$20,300.00	1	\$0
33c	Steeple Chase LS No. 2 - Site Grading & DGA	I. sum	1	\$3,560.00	1	\$0
33d	Steeple Chase LS No. 2 - Site Fencing & Gate	I. sum	1	\$8,480.00	1	\$0
34.	Mobilization/Demobilization	I. sum	1	\$7,850.00	1	\$0
35.	Bonds & Insurance	I. sum	1	\$52,980.00	1	\$0
36.	Erosion & Sediment Control	I. sum	1	\$42,280.00	1	\$0
CO 01	24" CMP Upgrade	I. sum	1	\$1,150.00	1	\$0
CO 02	MCHS LS No. 1 - Pump & Control Material Changes	I. sum	1	\$5,230.00	1	\$0
CO 03	Steeple Chase LS No. 2 - Pump & Control Material Changes	I. sum	1	\$8,550.00	1	\$0
CO 04	Steeple Chase LS No. 2 - Pump & Control Material Changes	I.f.	813	\$46.00	813	\$0
CO 05	Steeple Chase LS No. 2 - Pump & Control Material Changes	I. sum	1	\$4,006.05	1	\$0.00
CO 06	12" Steel Encasement (Stream Crossing)	I.f.	0	\$75.00	80	\$6,000.00
CO 07	8" SDR-26 PVC Gravity Sewer (15'+ Deep)	I.f.	0	\$66.00	105	\$6,930.00
CO 08	Sewer Line J - Clearing & Grubbing	I. sum	0	\$9,694.00	1	\$9,694.00
Net Increase in Contract Price						\$22,624.00
TOTAL CONTRACT PRICE BEFORE THIS CHANGE						\$ 2,160,088.00
TOTAL CONTRACT PRICE AFTER THIS CHANGE						\$2,182,712.00

The time provided for completion of the contract is to be unchanged. This document shall become an amendment to the contract and all provisions of the contract will apply thereto.

Recommended by:   
RIVERCREST ENGINEERING, INC.

Date: 9/30/2019

Accepted by:   
MURTCO UTILITY SERVICES, LLC

Date: 9/30/19

Approved by: \_\_\_\_\_  
MARSHALL CO. FISCAL COURT

Date: \_\_\_\_\_



**EXHIBIT B**  
**REQUEST FOR REIMBURSEMENT AND PROJECT STATUS REPORT**

Borrower: **Marshall County Fiscal Court**  
WX/SX Number: **SX 21157035**

Date: **October 1, 2019**  
KIA Loan #: **A18-014**

<b>Project Status:</b>	<b>On Schedule</b>
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<b>Draw Number:</b>	<b>13</b>
<b>Funds Requested:</b>	<b>\$83,742.90</b>

**Project Budget and Expenses**

Cost	Project Budget	Expenses (excluding this request)	Expenses This Request	Balance After Draw
Administrative	56,500.00	40,500.00	1,950.00	14,050.00
Legal	-	-	-	-
Land/Appraisals/Easements/Rights of Way	36,700.00	36,700.00	-	-
Relocation Expense	-	-	-	-
Planning	9,600.00	9,600.00	-	-
Engineering Fees - Design	100,700.00	100,700.00	-	-
Engineering Fees - Construction	62,200.00	45,910.90	1,610.00	14,679.10
Engineering Fees - Inspection	120,000.00	111,314.84	8,007.02	678.14
Engineering Fees - Other	46,600.00	46,600.00	-	-
Construction	2,394,094.05	2,052,262.91	72,175.88	269,655.26
Equipment	-	-	-	-
Contingency	240,593.95	-	-	240,593.95
Other	-	-	-	-
<b>Total</b>	<b>3,066,988.00</b>	<b>2,443,588.65</b>	<b>83,742.90</b>	<b>539,656.45</b>

If expenses exceed the project budget, a revised budget must be submitted to & approved by the Authority before funds will be released.

**Project Funding**


Funding Agency	Project Budget	Expenses (excluding this request)	Expenses This Request	Balance After Draw
A18-014	3,066,988.00	2,443,588.65	83,742.90	539,656.45
Local Funds	-	-	-	-
Funding Source #3	-	-	-	-
Funding Source #4	-	-	-	-
Funding Source #5	-	-	-	-
Funding Source #6	-	-	-	-
Funding Source #7	-	-	-	-
<b>Total</b>	<b>3,066,988.00</b>	<b>2,443,588.65</b>	<b>83,742.90</b>	<b>539,656.45</b>

<b>REQUIRED: Were any of the funds requested above paid to an MBE/WBE subcontractor?</b>	<b>No</b>
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Submitter Name: **Charles D. McCann II**

Submitter Phone #: **618-521-5421**

[Sign here to verify that all AIS certifications for materials/equipment included in this draw have been received.](#)

  
(Project Engineer's Signature)

Marshall County Fiscal Court has entered into an Assistance Agreement with the Kentucky Infrastructure Authority (the "Authority") for the acquisition and construction of facilities described in the Assistance Agreement as the "Project."  
Pursuant to the Assistance Agreement, Marshall County Fiscal Court hereby certifies that the following expenses were incurred in connection with the Project (SX 21157035) and that the Authority's share of these expenses is in the amount so denoted in this request. Documentation supporting the expenses incurred and identified per this request are attached.  
We certify that the expenses in this draw request were incurred pursuant to local procurement policies which conform to KRS 45A.

Borrower's Signature \_\_\_\_\_ Date \_\_\_\_\_

  
Project Administrator's Signature \_\_\_\_\_ Date **9/30/19**

# PROJECT BUDGET

Borrower: Marshall County Fiscal Court  
 WX/SX Number: SX 21157035  
 KIA Loan #: A18-014

[Click here to go back to instructions.](#)

Budget Dates:

	1/1/2018 Preliminary Budget	6/8/2018 As Bid Budget	10/1/2018 Revised Budget	12/3/2018 Revised Budget	1/3/2019 Revised Budget	9/3/2019 Revised Budget	9/3/2019 Current Budget	Expenses to Date	Balance
Cost									
Administrative	55,000.00	55,000.00	55,000.00	55,000.00	55,000.00	56,500.00	56,500.00	42,450.00	14,050.00
Legal	-	-	-	-	-	-	-	-	0.00
Land/Appraisals/Easements/Rights of Way	75,000.00	-	33,900.00	33,900.00	33,900.00	36,700.00	36,700.00	36,700.00	0.00
Relocation Expense	-	-	-	-	-	-	-	-	0.00
Planning	9,600.00	9,600.00	9,600.00	9,600.00	9,600.00	9,600.00	9,600.00	9,600.00	0.00
Engineering Fees - Design	78,900.00	78,900.00	93,900.00	93,900.00	93,900.00	100,700.00	100,700.00	100,700.00	0.00
Engineering Fees - Construction	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	62,200.00	62,200.00	47,520.90	14,679.10
Engineering Fees - Inspection	96,000.00	96,000.00	96,000.00	96,000.00	96,000.00	120,000.00	120,000.00	119,321.86	678.14
Engineering Fees - Other	76,900.00	76,900.00	43,000.00	43,000.00	43,000.00	46,600.00	46,600.00	46,600.00	0.00
Construction	2,391,444.00	2,107,760.00	2,107,760.00	2,122,690.00	2,160,088.00	2,394,094.05	2,394,094.05	2,124,438.79	269,655.26
Equipment	-	-	-	-	-	-	-	-	0.00
Contingency	239,144.00	597,828.00	582,828.00	567,898.00	530,500.00	240,593.95	240,593.95	-	240,593.95
Other	-	-	-	-	-	-	-	-	0.00
<b>Total</b>	<b>3,066,988.00</b>	<b>3,066,988.00</b>	<b>3,066,988.00</b>	<b>3,066,988.00</b>	<b>3,066,988.00</b>	<b>3,066,988.00</b>	<b>3,066,988.00</b>	<b>2,527,331.55</b>	<b>539,656.45</b>

## Funding Sources

A18-014	3,066,988.00	3,066,988.00	3,066,988.00	3,066,988.00	3,066,988.00	3,066,988.00	3,066,988.00	2,527,331.55	539,656.45
Local Funds	-	-	-	-	-	-	-	-	-
Funding Source #3	-	-	-	-	-	-	-	-	-
Funding Source #4	-	-	-	-	-	-	-	-	-
Funding Source #5	-	-	-	-	-	-	-	-	-
Funding Source #6	-	-	-	-	-	-	-	-	-
Funding Source #7	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>3,066,988.00</b>	<b>3,066,988.00</b>	<b>3,066,988.00</b>	<b>3,066,988.00</b>	<b>3,066,988.00</b>	<b>3,066,988.00</b>	<b>3,066,988.00</b>	<b>2,527,331.55</b>	<b>539,656.45</b>

ERROR

Use the space below for notes related to change orders and/or budget revisions.

Budget was revised to reflect easement negotiation/acquisition costs and to add Engineering required for the lift station redesign.	Budget was revised to reflect modification to proposed culvert pipe, pumps and controls for consistency with District standards.	Budget was revised to reflect the addition of a pay item for 10-inch SDR 26 sewer piping at depths of 0-10 feet. A new unit price was required as the original bid included only 10-15 foot depths of installation for this type of piping.	Budget was revised to reflect additional construction engineering and inspection time required for contract extension to end of October 2019.
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Marshall County Fiscal Court  
SX 21157035  
Draw # 13

A18-014  
10/1/19

**PROJECT EXPENSES THIS DRAW REQUEST**  
(Include Invoices for Expenses Listed Below)

Draw #	Budget Line Items	Invoice #	Vendor	Amount
13	Administrative	17	Rivercrest Engineering, Inc	1,950.00
13	Engineering Fees - Construction	25	Rivercrest Engineering, Inc	1,610.00
13	Engineering Fees - Inspection	25	Rivercrest Engineering, Inc	8,007.02
13	Construction	13	Murtco Utility Services, LLC	72,175.88

# APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

PAGE ONE OF 1 OF 3

OWNER: MARSHALL CO FISCAL COURT  
DRAFFENVILLE SEWER EXPANSION PHASES 1-3

APPLICATION NO: 13

Distribution to:  
☒ OWNER  
☒ ENGINEER  
☐ CONTRACTOR  
☐  
☐

FROM CONTRACTOR: MURTCO UTILITY SERVICES, LLC  
815 Abell Street  
Paducah, KY 42003

PERIOD TO: 9/30/2019 ✓

PROJECT NOS: A18-04

CONTRACT FOR

CONTRACT DATE: 7/26/18

## CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract Continuation Sheet, AIA Document G703, is attached

1 ORIGINAL CONTRACT SUM \$ \$ 2,107,760.00 ✓  
2 Net change by Change Orders \$ \$ 78,958.05 ✓  
3 CONTRACT SUM TO DATE (Line 1 + 2) \$ \$ 2,186,718.05 ✓  
4 TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$ \$ 2,236,251.36 ✓  
5 RETAINAGE  
a 5 % of Completed Work \$ \$ 111,812.57 ✓  
(Column D + E on G703)  
b % of Stored Material \$  
(Column F on G703)  
Total Retainage (Lines 5a + 5b or Total in Column I of G703) \$ \$ (111,812.57) ✓  
6 TOTAL EARNED LESS RETAINAGE \$ \$ 2,124,438.79 ✓  
(Line 4 Less Line 5 Total)  
7 LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) → \$ \$ (2,052,267.91) ✓  
8 CURRENT PAYMENT DUE \$ \$ 72,175.88 ✓  
9 BALANCE TO FINISH, INCLUDING RETAINAGE \$ \$ (49,533.31) ✓  
(Line 3 less Line 6)

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$56,334.05	
Total approved this Month	\$22,624.00	
TOTALS	\$78,958.05	\$0.00
NET CHANGES by Change Order	\$78,958.05	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due

CONTRACTOR

By [Signature] Date 9/30/19  
State of: KY County of: Sevier  
Subscribed and sworn to before me this 30 day of Sept 2019  
Notary Public Helen Hite  
My Commission expires 9-19-22



## ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED

AMOUNT CERTIFIED \$ \$ 72,175.88

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ENGINEER [Signature] Date 9/30/19

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract



**MARSHALL COUNTY SANITATION DISTRICT DRAFFENVILLE SEWER EXPANSION PHASES 1-3**  
**EXAMPLE INVOICING SPREADSHEET WITH STORED MATERIALS CALCULATIONS**

APPLICATION #13

09/30/19

A	B	C	D	E	F	G	H	I	J	K	L
ITEM	DESCRIPTION	BID QTY	UNIT	UNIT PRICE BID	BID AMT	PREVIOUSLY INSTALLED	INSTALLED THIS MONTH	MTL STORED TO DATE	STORED MTL AMT	QTY INST TO DATE	AMOUNT TO DATE
1	10" SDR-26 PVC Gravity Sewer (15'+ Deep)	l.f.	190	\$68.00	\$12,920.00	208			\$0.00	208	\$14,144.00
2	10" SDR-26 PVC Gravity Sewer (10-15' Deep)	l.f.	1,000	\$52.00	\$52,000.00	1524			\$0.00	1524	\$79,248.00
3	10" SDR-35 PVC Gravity Sewer (0-10' Deep)	l.f.	960	\$43.00	\$41,280.00	170			\$0.00	170	\$7,310.00
4	10" RJ/PVC Gravity Sewer (w/in Encasement)	l.f.	435	\$42.00	\$18,270.00	356			\$0.00	356	\$14,952.00
5	8" SDR-26 PVC Gravity Sewer (10-15' Deep)	l.f.	1,625	\$46.00	\$74,750.00	2125	282	0	\$0.00	2407	\$110,722.00
6	8" SDR-35 PVC Gravity Sewer (0-10' Deep)	l.f.	6,365	\$38.00	\$241,870.00	5359	440	566	\$2,037.60	5799	\$220,362.00
7	8" RJ/PVC Gravity Sewer (w/in Encasement)	l.f.	705	\$35.00	\$24,675.00	640	80		\$0.00	720	\$25,200.00
8	8" DR-11 HDPE Force Main (Trench)	l.f.	5,910	\$36.00	\$212,760.00	6011		(101)	\$0.00	6011	\$216,396.00
9	8" DR-11 HDPE Force Main (HDD)	l.f.	980	\$57.00	\$55,860.00	880		100	\$1,500.00	880	\$50,160.00
10	2" DR-11 HDPE Force Main (Trench)	l.f.	60	\$12.00	\$720.00	58				58	\$696.00
11	6" PVC Service Lateral	l.f.	760	\$46.00	\$34,960.00	1029	39			1068	\$49,128.00
12	20" Steel Encasement (Bore & Jack)	l.f.	240	\$370.00	\$88,800.00	250				250	\$92,500.00
13	20" Steel Encasement (Stream Crossing)	l.f.	100	\$100.00	\$10,000.00	100				100	\$10,000.00
14	16" Steel Encasement (Bore & Jack - 8" Sewer)	l.f.	620	\$385.00	\$238,700.00	620				620	\$238,700.00
15	4' Diameter Precast Concrete Manhole (15'+ Deep)	each	1	\$4,875.00	\$4,875.00	3				3	\$14,625.00
16	4' Diameter Precast Concrete Manhole (10-15' Deep)	each	17	\$4,060.00	\$69,020.00	20	2			22	\$89,320.00
17	4' Diameter Precast Conc. Drop Manhole (10-15'+ Deep)	each	3	\$6,890.00	\$20,670.00	3				3	\$20,670.00
18	4' Diameter Precast Concrete Manhole (4-10' Deep)	each	33	\$3,500.00	\$115,500.00	29	2			31	\$108,500.00
19	4' Diameter Precast Conc. Drop Manhole (4-10' Deep)	each	1	\$5,615.00	\$5,615.00	1				1	\$5,615.00
20	2" Air Release Valve & Vault	each	6	\$4,370.00	\$26,220.00	6				6	\$26,220.00
21	Cleanout Assembly	each	39	\$750.00	\$29,250.00	47	2			49	\$36,750.00
22	Core Drill Existing Wet Well/Manhole	l. sum	2	\$1,210.00	\$2,420.00	2	1			3	\$3,630.00
23	Reconnect Existing Sewer Service	each	1	\$1,200.00	\$1,200.00	1				1	\$1,200.00
24	Tie Existing Sewer to Proposed Manhole	each	1	\$1,150.00	\$1,150.00	1				1	\$1,150.00
25	Class III Channel Lining (w/ Geotextile Fabric)	s.y.	330	\$44.00	\$14,520.00	173	40			213	\$9,372.00
26	Landscaping & Seeding	l. sum	1	\$110,370.00	\$110,370.00	0.95				0.95	\$104,851.50
27	Select Fill	tons	2,355	\$21.00	\$49,455.00	2811.6	50.41			2862.01	\$60,102.21
28	Concrete Class B Thrustblocking	c.y.	6	\$150.00	\$900.00	12				12	\$1,800.00
29	Concrete Driveway Replacement	s.y.	20	\$64.00	\$1,280.00	0				0	\$0.00
30	Asphalt Driveway/Roadway Replacement	tons	146	\$195.00	\$28,470.00	128.6				128.6	\$25,077.00
31	Clearing & Grubbing	l. sum	1	\$33,545.00	\$33,545.00	1				1	\$33,545.00
32a	MCHS LS No. 1 - 270gpm Duplex Lift Station	l. sum	1	\$205,890.00	\$205,890.00	1				1	\$205,890.00
32b	MCHS LS No. 1 - Electrical (Includes Generator)	l. sum	1	\$69,350.00	\$69,350.00	1				1	\$69,350.00
32c	MCHS LS No. 1 - Site Grading, DGA, Culvert & Riprap	l. sum	1	\$14,910.00	\$14,910.00	1				1	\$14,910.00
32d	MCHS LS No. 1 - Site Fencing & Gate	l. sum	1	\$14,210.00	\$14,210.00	1				1	\$14,210.00
33a	Steeple Chase LS No. 2 - 50gpm Duplex Lift Station	l. sum	1	\$45,925.00	\$45,925.00	1				1	\$45,925.00
33b	Steeple Chase LS No. 2 - Electrical	l. sum	1	\$20,300.00	\$20,300.00	1				1	\$20,300.00
33c	Steeple Chase LS No. 2 - Site Grading & DGA	l. sum	1	\$3,560.00	\$3,560.00	1				1	\$3,560.00
33d	Steeple Chase LS No. 2 - Site Fencing & Gate	l. sum	1	\$8,480.00	\$8,480.00	1				1	\$8,480.00
34	Mobilization/Demobilization	l. sum	1	\$7,850.00	\$7,850.00	0.5				0.5	\$3,925.00
35	Bonds & Insurance	l. sum	1	\$52,980.00	\$52,980.00	1				1	\$52,980.00
36	Erosion & Sediment Control	l. sum	1	\$42,280.00	\$42,280.00	1				1	\$42,280.00
CO 01	24" CMP Upgrade	l. sum	1	\$1,150.00	\$1,150.00	1				1	\$1,150.00
CO 02	MCHS LS No. 1 - Pump & Control Material Changes	l. sum	1	\$5,230.00	\$5,230.00	1				1	\$5,230.00
CO 03	Steeple Chase LS No. 2 - Pump & Control Material Changes	l. sum	1	\$8,550.00	\$8,550.00	1				1	\$8,550.00
CO 04	10" SDR-26 PVC Gravity Sewer (0-10' Deep) Installed DEC	l.f.	813	\$46.00	\$37,398.00	813				813	\$37,398.00
CO 05	Electrical changes at lift station	l. sum	1	\$4,006.05	\$4,006.05	1				1	\$4,006.05
CO 06	12" steel Encasement (stream Crossing)	l.f.	0	\$75.00	\$6,000.00	0	80			80	\$6,000.00



MARSHALL COUNTY SANITATION DISTRICT DRAFFENVILLE SEWER EXPANSION PHASES 1-3  
EXAMPLE INVOICING SPREADSHEET WITH STORED MATERIALS CALCULATIONS

APPLICATION #13  
09/30/19

A	B	C	D	E	F	G	H	I	J	K	L
ITEM	DESCRIPTION	BID QTY	UNIT	UNIT PRICE BID	BID AMT	PREVIOUSLY INSTALLED	INSTALLED THIS MONTH	MTL STORED TO DATE	STORED MTL AMT	QTY INST TO DATE	AMOUNT TO DATE
CO 07	8" SDR-26" PVC Gravity Sewer (15'+Deep)	Lf	0	\$66.00	\$6,930.00	0	105			105	\$6,930.00
CO 08	Sewer Line J- Clearing & Grubbing	L sum	0	\$9,694.00	\$9,694.00	0	1			1	\$9,694.00
	<b>JOB TOTALS</b>				<b>\$2,186,718.05</b>			<b>3</b>	<b>\$3,537.60</b>		<b>\$2,232,713.76</b>

SUMMARY

A	Total Contract Amount with Change Orders	\$2,186,718.05
B	Total Stored to Date (Total of Column J)	\$3,537.60
C	Total Completed & Stored to Date (Column J + Column L)	\$2,236,251.36
D	Total Retainage (5%)	\$111,812.57
E	Amount Paid Previously	\$2,052,262.91
F	Current Invoice Amount (Item C - Items D & E)	\$72,175.88

NOTES

COLUMN I	THIS VALUE IS CALCULATED USING THE BID AMOUNT LESS THE AMOUNTS INSTALLED
COLUMN J	THIS VALUE IS CALCULATED BASED ON THE STORED AMOUNT SHOWN IN COLUMN I MULTIPLIED BY THE MATERIAL UNIT PRICE PAID FROM THE INVOICE INCLUDING TAX