



**The Town of Hilton Head Island  
Special Public Facilities Committee  
Meeting**

**July 9, 2018**

**11:00 a.m.**

**Council Chambers**

**AGENDA**

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**As a Courtesy to Others Please Turn Off All Cell Phones and Pagers during the Meeting**

1. **Call to Order**
2. **Freedom of Information Act Compliance**  
Public notification of this meeting has been published, posted, and mailed in compliance with the Freedom of Information Act and the Town of Hilton Head Island requirements.
3. **Committee Business**
  - Approval of Minutes: None
4. **Unfinished Business**
5. **New Business**
  - Hilton Head Public Service District Sewer System Expansion Project
6. **Adjournment**

**Please note that a quorum of Town Council may result if four (4) or more of Town Council members attend this meeting.**

MEMORANDUM

**TO:** Public Facilities Committee  
**FROM:** Scott Liggett /Director Public Projects & Facilities  
**DATE:** July 3, 2018  
**RE:** **Hilton Head Public Service District Sewer System Expansion Project -**

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**Recommendation:** The Hilton Head Public Service District has presented the attached cost reimbursement agreement for the consideration of Town Council. Additionally, as the District as previously indicated, they are seeking formal Town Council authorization to consolidate and accelerate the Town funded projects which constitute a 5 year sewer system expansion program (as approved) to a 3 year program. Doing so would allow completion of the remaining projects during fiscal year 2019. Supporting documents to include a project summary list and bid results are attached. Sufficient funding is available in the approved consolidated Municipal Budget Fiscal Year 2019 Capital Projects Fund to support the agreement as written.

Staff recommends endorsement of the agreement with the following changes:

- 1.) That Section 2 be modified to allow the Town thirty (30 days) to reimburse the District. The 30 day turnaround is a standard performance requirement typically included in all Town contracts. Compliance with a 15 day turnaround, which was a requirement of the Years 1 and 2 agreement with the District, proved to be challenging and was often not met. Historically, the dollar value of the monthly requests typically exceeds \$100,000 and necessarily requires a process of additional financial control to include the involvement of the Town Manager or Mayor to execute the check.
- 2.) That a provision is included which requires the District to inspect and certify compliance with the terms and conditions of any Town property use authorization (e.g. right of entry, temporary easement, written permission) that may be issued in support of the project. Staff recommends that these inspections occur at least weekly and that the certifications be submitted monthly as part of the request for payment package. The intent being to codify a self-policing requirement of District Staff in their contractor's use of Town property.

**Summary:** The District is representing that the agreement is reflective of the Year 3, Year 4 and Year 5 projects as previously approved by Town Council. The agreement, if executed, would obligate the Town to pay to the District the following actual expenses associated with preliminary design, engineering, site work, construction and other costs for the Town's Projects set forth in years three (3), four (4) and five (5) of the Sewer Plan:

a) Construction Cost:	\$2,310,968.50
b) Construction Contingency:	\$ 231,096.85
c) Design/Engineering Costs to Date:	\$ 232,012.66
d) Projected Design/Engineering Costs:	\$ 90,790.00

Total Construction and Design/Engineering for Years 3-5:       **\$2,864,868.01**

The complete Year 1 through Year 5 list of projects to be funded by the Town along with updated cost estimates as provided by the District is provided via attachment.

**Background:** In 2015, Town Council established a cooperative 5 year program with the Hilton Head Public Service District to expand the sewer system within the District's service area with the goal of providing sewer access to all that desired it. Funding for the program is included in the Capital Projects Fund of the Fiscal Year 2019 and is sourced to General Obligation Bonds yet to be issued by the Town.

**COST REIMBURSEMENT AGREEMENT BETWEEN HILTON HEAD PUBLIC SERVICE DISTRICT, AND THE TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA FOR COSTS ASSOCIATED WITH THE IMPLEMENTATION OF THE MASTER SEWER PLAN**

This Cost Reimbursement Agreement (“*Agreement*”) is entered into this \_\_\_ day of \_\_\_\_\_, 2018 between Hilton Head Public Service District (the “*District*”), and the Town of Hilton Head Island, South Carolina (the “*Town*” and together with the District, each a “*Party*” or acting collectively, the “*Parties*”).

WHEREAS, the District provides water and sewer service to the northern portion of the Town as well as Jenkins Island (the “*Service Area*”);

WHEREAS, approximately 95% of the customers in the Service Area have sewer service available to them;

WHEREAS, the Parties desire to make sewer service available to customers associated with approximately 900 parcels in the Service Area that do not currently have access to sewer service (the “*Unserved Customers*”);

WHEREAS, the District, in concert with the Town, introduced its 2015 Master Sewer Plan dated April 2015, the provisions of which establish a framework for making sewer service available to the Unserved Customers (the “*Sewer Plan*”);

WHEREAS, the Town has authorized and intends to appropriate funds toward the Sewer Plan to defray the costs constructing sewer force mains necessary to make sewer service available to approximately 500 of the Unserved Customers (the “*Town’s Projects*”);

WHEREAS, the District has authorized and intends to fund the costs of new sewer pump stations needed to facilitate the installation and operation of the new sewer systems for the Unserved Customers;

WHEREAS, the District and its engineers are responsible for the design, implementation, construction and operation of the new sewer infrastructure described in the Sewer Plan and recited herein above;

WHEREAS, the District has incurred and will continue to incur substantial out of pocket costs in undertaking preliminary design and engineering of the Town’s Projects; and

WHEREAS, the Town intends to pay the District for all costs associated with the preliminary design and engineering of the Town’s Projects, and this Agreement shall memorialize the Town’s promise to reimburse the District for all costs incurred by the District to facilitate the development and construction of the Town’s Projects; and

WHEREAS, the Sewer Plan will be implemented over a five (5) year schedule as set forth in Project Schedule attached hereto as Exhibit “A”; and

WHEREAS, the District and the Town previously entered into a Cost Reimbursement Agreement on or about June 19, 2017 pertaining to costs associated with years one (1) and two (2) of the Sewer Plan; and

WHEREAS, the District has already incurred engineering and design costs for years three (3), four (4) and five (5) of the Sewer Plan; and

WHEREAS, the Town and District enter into this Cost Reimbursement Agreement for purpose of setting forth the terms and conditions of reimbursement to the District by the Town for all engineering, design and construction costs already incurred and projected to be incurred by the District pertaining to years three (3), four (4) and five (5) of the Sewer Plan.

NOW, THEREFORE, for and in consideration of the mutual covenants contained herein, each of which are acknowledged by the Parties, the Parties hereto agree as follows:

1. The Town shall pay to the District the following actual expenses associated with preliminary design, engineering, site work, construction and other costs for the Town's Projects set forth in years three (3), four (4) and five (5) of the Sewer Plan:

a) Construction Cost:	\$2,310,968.50
b) Construction Contingency:	\$ 231,096.85
c) Design/Engineering Costs to Date:	\$ 232,012.66
d) Projected Design/Engineering Costs:	\$ 90,790.00

Total Construction and Design/Engineering for Years 3-5: **\$2,864,868.01**

2. All invoices for reimbursement of actual expenses incurred by the District shall be submitted to the Town in writing, and The Town shall reimburse the District within fifteen (15) days of receipt of such billing or invoice.

3. In the event any Party shall fail to comply with its obligations set forth in the Agreement, and such default shall continue for a period of thirty (30) days after written notice of default has been provided by the other Party, then the complaining party shall be entitled to pursue any and all legal or equitable remedies provided under South Carolina law and/or terminate this Agreement. In the event of any litigation enforcing any terms of this Agreement, the prevailing party shall be entitled reimbursement of reasonable attorneys fees, costs and expenses, including those incurred on appeal, from the non-prevailing party.

4. The failure of any Party to insist upon the strict performance of any provision of this Agreement shall not be deemed to be a waiver of the right to insist upon strict performance of such provisions or of any other provision of this Agreement at any time. Waiver of any breach of this Agreement by either party shall not constitute waiver of subsequent breach.

5. If any provision of this Agreement or any obligation or agreement contained herein is determined by a court of competent jurisdiction to be invalid or unenforceable, that determination shall not affect any other provision, obligation or agreement, each of which shall be construed and enforced as if the invalid or unenforceable portion were not contained herein.

That invalidity or unenforceability shall not affect any valid and enforceable application thereof, and each such provision, obligation, or agreement shall be deemed to be effective, operative, made, entered into, or taken in the manner and to the full extent permitted by law.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, in duplicate original, the day and year first above written.

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WITNESSES:

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\_\_\_\_\_

WITNESSES:

\_\_\_\_\_

\_\_\_\_\_

HILTON HEAD PUBLIC SERVICE  
DISTRICT

By: \_\_\_\_\_  
Pete Nardi

Its: General Manager

TOWN OF HILTON HEAD ISLAND,  
SOUTH CAROLINA

By: \_\_\_\_\_  
Stephen G. Riley

Its: Town Manager

**HHPSD MASTER SEWER PLAN YEARS 3-5  
 JORDAN CONSTRUCTION OF HILTON HEAD ISLAND - LOW BIDDER  
 CONSOLIDATED BID SUMMARY  
 BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	JORDAN CONSTRUCTION	
				UNIT PRICE	EXTENDED PRICE
1	Project Mobilization	LS	1	\$ 227,370.00	\$ 227,370.00
2	8" Gravity Sewer (0-6' Deep)	LF	5071	\$ 72.65	\$ 368,408.15
3	8" Gravity Sewer (6'-8' Deep)	LF	4279	\$ 67.30	\$ 287,976.70
4	8" Gravity Sewer (8'-10' Deep)	LF	2020	\$ 73.90	\$ 149,278.00
5	20" Casing Pipe Installed by Jack and Bore	LF	137	\$ 1,280.00	\$ 175,360.00
6	20" Casing Pipe Installed by Jack and Bore (Mustang Lane)	LF	44	\$ 1,050.00	\$ 46,200.00
7	20" Casing Pipe Installed by Jack and Bore (Tarpon)	LF	28	\$ 1,320.00	\$ 36,960.00
8	Manholes (0'-6' Deep)	EA	35	\$ 3,800.00	\$ 133,000.00
9	Manholes (6'-8' Deep)	EA	17	\$ 3,950.00	\$ 67,150.00
10	Manholes (8'-10' Deep)	EA	8	\$ 4,200.00	\$ 33,600.00
11	Manholes (10'-12' Deep)	EA	1	\$ 4,500.00	\$ 4,500.00
12	Doghouse Manholes	EA	6	\$ 10,000.00	\$ 60,000.00
13	Core Manholes	EA	9	\$ 5,000.00	\$ 45,000.00
14	Core Manholes	EA	10	\$ 2,500.00	\$ 25,000.00
15	Short service Lead (unpaved road)	EA	82	\$ 350.00	\$ 28,700.00
16	Long service Lead (unpaved road)	EA	48	\$ 675.00	\$ 32,400.00
17	Remove and Replace Concrete	SF	465	\$ 8.00	\$ 3,720.00
18	Remove and Replace Asphalt Drive	SF	4493	\$ 8.50	\$ 38,190.50
19	Asphalt Overlay	SF	5690	\$ 3.60	\$ 20,484.00
20	Remove and Replace Telephone/Cable Ped./etc.	EA	15	\$ 200.00	\$ 3,000.00
21	Remove and Replace Water Meter	EA	1	\$ 300.00	\$ 300.00
22	Remove and Replace Fire Hydrant	EA	1	\$ 1,200.00	\$ 1,200.00
23	Shore Power Pole	EA	4	\$ 400.00	\$ 1,600.00
24	Remove and Replace Palm	EA	3	\$ 400.00	\$ 1,200.00
25	8" Gravity Sewer Stubout w/ Plug	EA	2	\$ 1,000.00	\$ 2,000.00
26	4" Gravity Sewer Stubout w/ Plug	EA	3	\$ 200.00	\$ 600.00
27	2" Water Line	LF	742	\$ 35.00	\$ 25,970.00
28	8X2 Tap	EA	1	\$ 400.00	\$ 400.00
29	Plug Waterline	EA	3	\$ 200.00	\$ 600.00
30	Water Services	EA	6	\$ 400.00	\$ 2,400.00
31	2" LPS	LF	7940	\$ 30.00	\$ 238,200.00
32	2" LPS Forcemain by Directional Bore	LF	302	\$ 40.00	\$ 12,080.00
33	LPS Junction Box	EA	12	\$ 2,500.00	\$ 30,000.00
34	LPS End Flushing Connection	EA	18	\$ 1,500.00	\$ 27,000.00
35	2" LPS to Existing LPS Tie-in (@ Existing Junction Box)	EA	2	\$ 400.00	\$ 800.00
36	2" LPS to Existing MH Tie-in	EA	6	\$ 2,000.00	\$ 12,000.00
37	3" LPS Forcemain	LF	3146	\$ 40.00	\$ 125,840.00
38	3" LPS Forcemain by Directional Bore	LF	283	\$ 60.00	\$ 16,980.00



**HHPSD MASTER SEWER PLAN YEARS 3-5**  
**JORDAN CONSTRUCTION OF HILTON HEAD ISLAND - LOW BIDDER**  
**CONSOLIDATED BID SUMMARY**  
**BID OPENING: 05/31/18**

				<b>JORDAN CONSTRUCTION</b>	
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>EST. QTY</b>	<b>UNIT PRICE</b>	<b>EXTENDED PRICE</b>
39	3" LPS to Existing MH Tie-in	EA	1	\$ 2,500.00	\$ 2,500.00
40	2" LPS to New Junction Box	EA	1	\$ 2,000.00	\$ 2,000.00
41	Tree Protection	LS	1	\$ 1,120.00	\$ 1,120.00
42	Tree Removal	LS	1	\$ 830.00	\$ 830.00
43	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 18,950.00	\$ 18,950.00
<b>TOTAL</b>					<b>\$ 2,310,867.35</b>

**HHPSD MASTER SEWER PLAN YEARS 3-5  
CONTRACT 1 - AREA 1  
DETAILED BID SUMMARY  
BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	Project Mobilization (Area 1)	LS	1	\$ 60,000.00	\$ 60,000.00	\$ 112,000.00	\$ 112,000.00
	<b>Cobia Court Sewer</b>						\$ -
2	8" Gravity Sewer (0-6' Deep)	LF	211	\$ 55.00	\$ 11,605.00	\$ 50.00	\$ 10,550.00
3	8" Gravity Sewer (6'-8' Deep)	LF	1072	\$ 60.00	\$ 64,320.00	\$ 65.00	\$ 69,680.00
4	8" Gravity Sewer (8'-10' Deep)	LF	368	\$ 70.00	\$ 25,760.00	\$ 120.00	\$ 44,160.00
5	8" Gravity Sewer Stubout w/ Plug	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00
6	New 8" Sewer Connection to Existing Manhole	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00
7	Manholes (0'-6' Deep)	EA	4	\$ 3,800.00	\$ 15,200.00	\$ 3,300.00	\$ 13,200.00
8	Manholes (6'-8' Deep)	EA	2	\$ 3,950.00	\$ 7,900.00	\$ 4,100.00	\$ 8,200.00
9	Manholes (8'-10' Deep)	EA	1	\$ 4,200.00	\$ 4,200.00	\$ 7,560.00	\$ 7,560.00
10	Manhole Coating per HHPSD Specifications	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00
11	Short service Lead (unpaved road)	EA	12	\$ 350.00	\$ 4,200.00	\$ 770.00	\$ 9,240.00
12	Long service Lead (unpaved road)	EA	15	\$ 675.00	\$ 10,125.00	\$ 1,100.00	\$ 16,500.00
13	Remove and Replace Asphalt Drive	SF	260	\$ 8.50	\$ 2,210.00	\$ 20.00	\$ 5,200.00
13A	Asphalt Overlay	SF	770	\$ 3.60	\$ 2,772.00	\$ 6.30	\$ 4,851.00
14	Remove and Replace Electric Box	EA	1	\$ 200.00	\$ 200.00	\$ 3,600.00	\$ 3,600.00
15	Remove and Replace Telephone/Cable Ped.	EA	1	\$ 200.00	\$ 200.00	\$ 3,000.00	\$ 3,000.00
16	Shore Power Pole	EA	2	\$ 400.00	\$ 800.00	\$ 500.00	\$ 1,000.00
17	Tree Protection	LS	1	\$ 100.00	\$ 100.00	\$ 2,500.00	\$ 2,500.00
18	Tree Removal	LS	1	\$ 100.00	\$ 100.00	\$ 7,500.00	\$ 7,500.00
19	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 14,000.00	\$ 14,000.00
	<b>Wright Place Sewer</b>						\$ -
20	8" Gravity Sewer (6'-8' Deep)	LF	188	\$ 60.00	\$ 11,280.00	\$ 65.00	\$ 12,220.00
21	8" Gravity Sewer (8'-10' Deep)	LF	612	\$ 65.00	\$ 39,780.00	\$ 120.00	\$ 73,440.00
22	8" Gravity Sewer (10'-12' Deep)	LF	220	\$ 75.00	\$ 16,500.00	\$ 140.00	\$ 30,800.00
23	New 8" Sewer Connection to Existing Manhole	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00
24	Manholes (6'-8' Deep)	EA	2	\$ 3,950.00	\$ 7,900.00	\$ 4,100.00	\$ 8,200.00
25	Manholes (8'-10' Deep)	EA	2	\$ 4,200.00	\$ 8,400.00	\$ 7,560.00	\$ 15,120.00
26	Manholes (10'-12' Deep)	EA	1	\$ 4,500.00	\$ 4,500.00	\$ 8,500.00	\$ 8,500.00
27	Short service Lead (unpaved road)	EA	8	\$ 350.00	\$ 2,800.00	\$ 770.00	\$ 6,160.00

**HHPSD MASTER SEWER PLAN YEARS 3-5  
CONTRACT 1 - AREA 1  
DETAILED BID SUMMARY  
BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
28	Long service Lead (unpaved road)	EA	5	\$ 675.00	\$ 3,375.00	\$ 1,100.00	\$ 5,500.00
29	Tree Protection	LS	1	\$ 100.00	\$ 100.00	\$ 1,700.00	\$ 1,700.00
30	Tree Removal	LS	1	\$ 100.00	\$ 100.00	\$ 3,800.00	\$ 3,800.00
31	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 6,500.00	\$ 6,500.00
	<b>Outlaw Rd. Sewer</b>						
32	8" Gravity Sewer (0-6' Deep)	LF	116	\$ 63.00	\$ 7,308.00	\$ 50.00	\$ 5,800.00
33	8" Gravity Sewer (6'-8' Deep)	LF	324	\$ 70.00	\$ 22,680.00	\$ 65.00	\$ 21,060.00
34	8" Gravity Sewer (8'-10' Deep)	LF	166	\$ 80.00	\$ 13,280.00	\$ 120.00	\$ 19,920.00
35	20" Casing Pipe Installed by Jack and Bore	LF	32	\$ 1,280.00	\$ 40,960.00	\$ 800.00	\$ 25,600.00
36	Manholes (0'-6' Deep)	EA	1	\$ 3,800.00	\$ 3,800.00	\$ 3,300.00	\$ 3,300.00
37	Manholes (6'-8' Deep)	EA	2	\$ 3,950.00	\$ 7,900.00	\$ 4,100.00	\$ 8,200.00
38	Manholes (8'-10' Deep)	EA	1	\$ 4,200.00	\$ 4,200.00	\$ 7,560.00	\$ 7,560.00
39	Manholes (8'-10'; Cut-in at Existing Sewer)	EA	1	\$ 10,000.00	\$ 10,000.00	\$ 9,560.00	\$ 9,560.00
40	Short service Lead (unpaved road)	EA	8	\$ 350.00	\$ 2,800.00	\$ 770.00	\$ 6,160.00
41	Long service Lead (unpaved road)	EA	3	\$ 675.00	\$ 2,025.00	\$ 1,100.00	\$ 3,300.00
42	Remove and Replace Bikepath	SF	170	\$ 8.50	\$ 1,445.00	\$ 20.00	\$ 3,400.00
43	Remove and Replace Sign	EA	1	\$ 200.00	\$ 200.00	\$ 350.00	\$ 350.00
44	Remove and Replace Electric Box	EA	1	\$ 200.00	\$ 200.00	\$ 3,600.00	\$ 3,600.00
45	Shore Power Pole	EA	1	\$ 400.00	\$ 400.00	\$ 500.00	\$ 500.00
46	Tree Protection	LS	1	\$ 100.00	\$ 100.00	\$ 1,100.00	\$ 1,100.00
47	Tree Removal	LS	1	\$ 100.00	\$ 100.00	\$ 5,700.00	\$ 5,700.00
48	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 13,000.00	\$ 13,000.00
	<b>Murray Ave LPS</b>						\$ -
49	2" LPS Forcemain	LF	682	\$ 30.00	\$ 20,460.00	\$ 16.00	\$ 10,912.00
49A	2" LPS Forcemain by Directional Bore	LF	50	\$ 40.00	\$ 2,000.00	\$ 34.00	\$ 1,700.00
50	LPS Junction Box	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 1,600.00	\$ 1,600.00
51	LPS End Flushing Connection	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00
52	2" LPS to Existing LPS Tie-in (@ Existing Junction Box)	EA	1	\$ 400.00	\$ 400.00	\$ 550.00	\$ 550.00
53	Tree Protection	LS	1	\$ 25.00	\$ 25.00	\$ 1,100.00	\$ 1,100.00

**HHPSD MASTER SEWER PLAN YEARS 3-5**  
**CONTRACT 1 - AREA 1**  
**DETAILED BID SUMMARY**  
**BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
54	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 500.00	\$ 500.00	\$ 6,000.00	\$ 6,000.00
	<b>Amelia Circle LPS</b>						\$ -
55	2" LPS Forcemain	LF	1247	\$ 30.00	\$ 37,410.00	\$ 16.00	\$ 19,952.00
56	2" LPS Forcemain by Directional Bore	LF	20	\$ 60.00	\$ 1,200.00	\$ 34.00	\$ 680.00
57	LPS Junction Box	EA	2	\$ 2,500.00	\$ 5,000.00	\$ 1,600.00	\$ 3,200.00
58	LPS End Flushing Connection	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 1,200.00	\$ 2,400.00
59	Remove and Replace Bikepath	SF	40	\$ 8.50	\$ 340.00	\$ 20.00	\$ 800.00
60	2" LPS to Existing MH Tie-in	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00
61	Coat Existing Manhole	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00
62	Tree Protection	LS	1	\$ 25.00	\$ 25.00	\$ 2,100.00	\$ 2,100.00
63	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 17,500.00	\$ 17,500.00
	<b>TOTAL</b>				<b>\$ 518,185.00</b>		<b>\$ 732,985.00</b>

**HHPSD MASTER SEWER PLAN YEARS 3-5**  
**CONTRACT 2 - AREA 2**  
**DETAILED BID SUMMARY**  
**BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	BRW CONSTRUCTION		JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	Project Mobilization (Area 2)	LS	1	\$ 13,000.00	\$ 13,000.00	\$ 2,000.00	\$ 2,000.00	\$ 76,000.00	\$ 76,000.00
	<b>Clifford Miller Dr. Sewer</b>						\$ -		\$ -
2	8" Gravity Sewer (0-6' Deep)	LF	300	\$ 58.00	\$ 17,400.00	\$ 55.00	\$ 16,500.00	\$ 50.00	\$ 15,000.00
3	8" Gravity Sewer (6'-8' Deep)	LF	288	\$ 64.00	\$ 18,432.00	\$ 60.00	\$ 17,280.00	\$ 65.00	\$ 18,720.00
4	20" Casing Pipe Installed by Jack and Bore	LF	35	\$ 677.00	\$ 23,695.00	\$ 1,280.00	\$ 44,800.00	\$ 800.00	\$ 28,000.00
5	Manholes (0'-6' Deep)	EA	2	\$ 4,500.00	\$ 9,000.00	\$ 3,800.00	\$ 7,600.00	\$ 3,300.00	\$ 6,600.00
6	Manholes (6'-8' Deep)	EA	1	\$ 5,500.00	\$ 5,500.00	\$ 3,950.00	\$ 3,950.00	\$ 4,100.00	\$ 4,100.00
7	Manholes (8'-10'; Cut-in at Existing Sewer)	EA	1	\$ 8,500.00	\$ 8,500.00	\$ 10,000.00	\$ 10,000.00	\$ 9,560.00	\$ 9,560.00
8	Long service Lead (unpaved road)	EA	3	\$ 640.00	\$ 1,920.00	\$ 675.00	\$ 2,025.00	\$ 1,100.00	\$ 3,300.00
9	Tree Protection	LS	1	\$ 1,406.00	\$ 1,406.00	\$ 50.00	\$ 50.00	\$ 650.00	\$ 650.00
10	Tree Removal	LS	1	\$ 1,800.00	\$ 1,800.00	\$ 50.00	\$ 50.00	\$ 8,500.00	\$ 8,500.00
11	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 4,000.00	\$ 4,000.00	\$ 1,000.00	\$ 1,000.00	\$ 7,800.00	\$ 7,800.00
	<b>Gum Tree Road, Orage Lane, Duey Hill Dr. LPS</b>						\$ -		\$ -
12	3" LPS Forcemain	LF	1902	\$ 30.00	\$ 57,060.00	\$ 40.00	\$ 76,080.00	\$ 18.00	\$ 34,236.00
13	3" LPS Forcemain by Directional Bore	LF	201	\$ 43.00	\$ 8,643.00	\$ 60.00	\$ 12,060.00	\$ 39.00	\$ 7,839.00
14	2" LPS Forcemain	LF	1114	\$ 23.00	\$ 25,622.00	\$ 30.00	\$ 33,420.00	\$ 16.00	\$ 17,824.00
15	2" LPS Forcemain by Directional Bore	LF	85	\$ 40.00	\$ 3,400.00	\$ 40.00	\$ 3,400.00	\$ 34.00	\$ 2,890.00
16	LPS Junction Box	EA	4	\$ 7,500.00	\$ 30,000.00	\$ 2,500.00	\$ 10,000.00	\$ 1,600.00	\$ 6,400.00
17	LPS End Flushing Connection	EA	3	\$ 5,100.00	\$ 15,300.00	\$ 1,500.00	\$ 4,500.00	\$ 1,200.00	\$ 3,600.00
18	3" LPS to Existing MH Tie-in	EA	1	\$ 1,750.00	\$ 1,750.00	\$ 2,500.00	\$ 2,500.00	\$ 1,100.00	\$ 1,100.00
19	Coat Existing Manhole	EA	1	\$ 1,800.00	\$ 1,800.00	\$ 2,500.00	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00
20	Tree Protection	LS	1	\$ 917.00	\$ 917.00	\$ 100.00	\$ 100.00	\$ 1,800.00	\$ 1,800.00
21	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 12,083.00	\$ 12,083.00	\$ 1,500.00	\$ 1,500.00	\$ 11,000.00	\$ 11,000.00
	<b>TOTAL</b>				<b>\$ 261,228.00</b>		<b>\$ 251,315.00</b>		<b>\$ 270,919.00</b>

**HHPSD MASTER SEWER PLAN YEARS 3-5  
CONTRACT 3 - AREA 3  
DETAILED BID SUMMARY  
BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	Project Mobilization (Area 3)	LS	1	\$ 60,000.00	\$ 60,000.00	\$ 106,000.00	\$ 106,000.00
	<b>Mustang Lane Sewer</b>						\$ -
2	8" Gravity Sewer (0-6' Deep)	LF	1033	\$ 55.00	\$ 56,815.00	\$ 50.00	\$ 51,650.00
3	8" Gravity Sewer (6'-8' Deep)	LF	110	\$ 60.00	\$ 6,600.00	\$ 65.00	\$ 7,150.00
4	New 8" Sewer Connection to Existing Manhole	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00
5	20" Casing Pipe Installed by Jack and Bore	LF	44	\$ 1,050.00	\$ 46,200.00	\$ 800.00	\$ 35,200.00
6	Manholes (0'-6' Deep)	EA	5	\$ 3,800.00	\$ 19,000.00	\$ 3,300.00	\$ 16,500.00
7	Manholes (6'-8' Deep)	EA	2	\$ 3,950.00	\$ 7,900.00	\$ 4,100.00	\$ 8,200.00
8	Short service Lead (unpaved road)	EA	11	\$ 350.00	\$ 3,850.00	\$ 770.00	\$ 8,470.00
9	Long service Lead (unpaved road)	EA	5	\$ 675.00	\$ 3,375.00	\$ 1,100.00	\$ 5,500.00
10	Remove and Replace Asphalt Drive	SF	80	\$ 8.50	\$ 680.00	\$ 20.00	\$ 1,600.00
11	Remove and Replace Sign	EA	2	\$ 200.00	\$ 400.00	\$ 350.00	\$ 700.00
12	Tree Protection	LS	1	\$ 100.00	\$ 100.00	\$ 1,900.00	\$ 1,900.00
13	Tree Removal	LS	1	\$ 100.00	\$ 100.00	\$ 7,500.00	\$ 7,500.00
14	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 16,200.00	\$ 16,200.00
	<b>Lawyer Place Sewer</b>						\$ -
15	8" Gravity Sewer (0-6' Deep)	LF	50	\$ 85.00	\$ 4,250.00	\$ 50.00	\$ 2,500.00
16	8" Gravity Sewer (6'-8' Deep)	LF	250	\$ 90.00	\$ 22,500.00	\$ 65.00	\$ 16,250.00
17	8" Gravity Sewer (8'-10' Deep)	LF	136	\$ 100.00	\$ 13,600.00	\$ 120.00	\$ 16,320.00
18	4" Gravity Sewer Stubout w/ Plug	EA	1	\$ 200.00	\$ 200.00	\$ 900.00	\$ 900.00
19	Manholes (0'-6' Deep)	EA	1	\$ 3,800.00	\$ 3,800.00	\$ 3,300.00	\$ 3,300.00
20	Manholes (6'-8' Deep)	EA	1	\$ 3,950.00	\$ 3,950.00	\$ 4,100.00	\$ 4,100.00
21	Manholes (8'-10' Deep)	EA	1	\$ 4,200.00	\$ 4,200.00	\$ 7,560.00	\$ 7,560.00
22	New 8" Sewer Connection to Existing Manhole	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00
23	Manhole Coating per HHPSD Specifications	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00
24	Short service Lead (unpaved road)	EA	2	\$ 350.00	\$ 700.00	\$ 770.00	\$ 1,540.00
25	Long service Lead (unpaved road)	EA	1	\$ 675.00	\$ 675.00	\$ 1,100.00	\$ 1,100.00
26	Remove and Replace Bikepath	SF	285	\$ 8.50	\$ 2,422.50	\$ 20.00	\$ 5,700.00
27	Remove and Replace Hydrant	EA	1	\$ 1,200.00	\$ 1,200.00	\$ 4,500.00	\$ 4,500.00
28	Remove and Replace Palm	EA	1	\$ 400.00	\$ 400.00	\$ 1,600.00	\$ 1,600.00

**HHPSD MASTER SEWER PLAN YEARS 3-5  
CONTRACT 3 - AREA 3  
DETAILED BID SUMMARY  
BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
29	Tree Protection	LS	1	\$ 50.00	\$ 50.00	\$ 700.00	\$ 700.00
30	Tree Removal	LS	1	\$ 50.00	\$ 50.00	\$ 3,800.00	\$ 3,800.00
31	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 12,000.00	\$ 12,000.00
	<b>Bligen Sewer</b>						\$ -
32	8" Gravity Sewer (0-6' Deep)	LF	304	\$ 58.00	\$ 17,632.00	\$ 50.00	\$ 15,200.00
33	8" Gravity Sewer (6'-8' Deep)	LF	382	\$ 63.00	\$ 24,066.00	\$ 65.00	\$ 24,830.00
34	8" Gravity Sewer (8'-10' Deep)	LF	325	\$ 70.00	\$ 22,750.00	\$ 120.00	\$ 39,000.00
35	2" LPS Forcemain	LF	658	\$ 30.00	\$ 19,740.00	\$ 16.00	\$ 10,528.00
36	LPS End Flushing Connection	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 1,200.00	\$ 2,400.00
37	20" Casing Pipe Installed by Jack and Bore	LF	35	\$ 1,280.00	\$ 44,800.00	\$ 800.00	\$ 28,000.00
38	Manholes (0'-6' Deep)	EA	2	\$ 3,800.00	\$ 7,600.00	\$ 3,300.00	\$ 6,600.00
39	Manholes (6'-8' Deep)	EA	1	\$ 3,950.00	\$ 3,950.00	\$ 4,100.00	\$ 4,100.00
40	Manholes (8'-10' Deep)	EA	2	\$ 4,200.00	\$ 8,400.00	\$ 7,560.00	\$ 15,120.00
41	Manholes (8'-10' Deep; Cut-in at Existing Sewer)	EA	1	\$ 10,000.00	\$ 10,000.00	\$ 9,560.00	\$ 9,560.00
42	Manhole Coating per HHPSD Specifications	EA	1	\$ 2,800.00	\$ 2,800.00	\$ 6,000.00	\$ 6,000.00
43	Short service Lead (unpaved road)	EA	6	\$ 350.00	\$ 2,100.00	\$ 770.00	\$ 4,620.00
44	Long service Lead (unpaved road)	EA	4	\$ 675.00	\$ 2,700.00	\$ 1,100.00	\$ 4,400.00
45	Remove and Replace Asphalt Drive	SF	230	\$ 8.50	\$ 1,955.00	\$ 20.00	\$ 4,600.00
46	Remove and Replace Concrete Drive	SF	175	\$ 8.00	\$ 1,400.00	\$ 26.00	\$ 4,550.00
47	Remove and Replace Electric Box	EA	4	\$ 200.00	\$ 800.00	\$ 3,600.00	\$ 14,400.00
48	Remove and Replace Sign	EA	1	\$ 200.00	\$ 200.00	\$ 350.00	\$ 350.00
49	Tree Protection	LS	1	\$ 100.00	\$ 100.00	\$ 2,900.00	\$ 2,900.00
50	Tree Removal	LS	1	\$ 100.00	\$ 100.00	\$ 7,600.00	\$ 7,600.00
51	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 23,000.00	\$ 23,000.00
	<b>Driveways off 278 Sewer</b>						\$ -
52	8" Gravity Sewer (0-6' Deep)	LF	568	\$ 70.00	\$ 39,760.00	\$ 50.00	\$ 28,400.00
53	Manholes (0'-6' Deep)	EA	3	\$ 3,800.00	\$ 11,400.00	\$ 3,300.00	\$ 9,900.00
54	Manholes (8'-10' Deep; Cut-in at Existing Sewer, Provide Drop)	EA	1	\$ 4,200.00	\$ 4,200.00	\$ 9,560.00	\$ 9,560.00
55	Short service Lead (unpaved road)	EA	3	\$ 350.00	\$ 1,050.00	\$ 770.00	\$ 2,310.00

**HHPSD MASTER SEWER PLAN YEARS 3-5**  
**CONTRACT 3 - AREA 3**  
**DETAILED BID SUMMARY**  
**BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
56	Long service Lead (unpaved road)	EA	2	\$ 675.00	\$ 1,350.00	\$ 1,100.00	\$ 2,200.00
57	Remove and Replace Palm	EA	1	\$ 500.00	\$ 500.00	\$ 1,600.00	\$ 1,600.00
58	Tree Protection	LS	1	\$ 20.00	\$ 20.00	\$ 1,100.00	\$ 1,100.00
59	Tree Removal	LS	1	\$ 20.00	\$ 20.00	\$ 10,000.00	\$ 10,000.00
60	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 500.00	\$ 500.00	\$ 13,000.00	\$ 13,000.00
	<b>Adrianna Lane &amp; Darling Road LPS</b>						\$ -
61	2" LPS Forcemain	LF	990	\$ 30.00	\$ 29,700.00	\$ 16.00	\$ 15,840.00
62	LPS Junction Box	EA	2	\$ 2,500.00	\$ 5,000.00	\$ 1,600.00	\$ 3,200.00
63	LPS End Flushing Connection	EA	3	\$ 1,500.00	\$ 4,500.00	\$ 1,200.00	\$ 3,600.00
64	2" LPS to Existing LPS Tie-in (@ New Junction Box)	EA	2	\$ 2,000.00	\$ 4,000.00	\$ 550.00	\$ 1,100.00
65	Tree Protection	LS	1	\$ 50.00	\$ 50.00	\$ 1,750.00	\$ 1,750.00
66	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 23,000.00	\$ 23,000.00
	<b>TOTAL</b>				<b>\$ 557,160.50</b>		<b>\$ 714,758.00</b>



**HHPSD MASTER SEWER PLAN YEARS 3-5  
CONTRACT 4 - AREA 4  
DETAILED BID SUMMARY  
BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	Project Mobilization (Area 4)	LS	1	\$ 85,250.00	\$ 85,250.00	\$ 110,000.00	\$ 110,000.00
	<b>Tarpon Trail Sewer</b>						\$ -
2	8" Gravity Sewer (0-6' Deep)	LF	122	\$ 65.00	\$ 7,930.00	\$ 50.00	\$ 6,100.00
3	8" Gravity Sewer (6'-8' Deep)	LF	58	\$ 70.00	\$ 4,060.00	\$ 65.00	\$ 3,770.00
4	8" Gravity Sewer (8'-10' Deep)	LF	42	\$ 80.00	\$ 3,360.00	\$ 120.00	\$ 5,040.00
5	New 8" Sewer Connection to Existing Manhole	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00
6	20" Casing Pipe Installed by Jack and Bore	LF	28	\$ 1,320.00	\$ 36,960.00	\$ 800.00	\$ 22,400.00
7	Manholes (0'-6' Deep)	EA	1	\$ 3,800.00	\$ 3,800.00	\$ 3,300.00	\$ 3,300.00
8	Manholes (6'-8' Deep)	EA	1	\$ 3,950.00	\$ 3,950.00	\$ 4,100.00	\$ 4,100.00
9	Short service Lead (unpaved road)	EA	2	\$ 350.00	\$ 700.00	\$ 770.00	\$ 1,540.00
10	Long service Lead (unpaved road)	EA	1	\$ 675.00	\$ 675.00	\$ 1,100.00	\$ 1,100.00
11	Remove and Replace Bikepath	SF	60	\$ 8.50	\$ 510.00	\$ 20.00	\$ 1,200.00
12	Remove and Replace Sign	EA	1	\$ 200.00	\$ 200.00	\$ 350.00	\$ 350.00
13	Tree Protection	LS	1	\$ 10.00	\$ 10.00	\$ 500.00	\$ 500.00
14	Tree Removal	LS	1	\$ 10.00	\$ 10.00	\$ 5,700.00	\$ 5,700.00
15	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 400.00	\$ 400.00	\$ 7,000.00	\$ 7,000.00
	<b>Adell Lane Sewer</b>						\$ -
16	8" Gravity Sewer (0-6' Deep)	LF	150	\$ 112.00	\$ 16,800.00	\$ 50.00	\$ 7,500.00
17	8" Gravity Sewer (6'-8' Deep)	LF	113	\$ 120.00	\$ 13,560.00	\$ 65.00	\$ 7,345.00
18	Manholes (0'-6' Deep)	EA	2	\$ 3,800.00	\$ 7,600.00	\$ 3,300.00	\$ 6,600.00
19	Manholes (6'-8' Deep)	EA	1	\$ 3,950.00	\$ 3,950.00	\$ 4,100.00	\$ 4,100.00
20	Manholes (6'-8' Deep; Cut-in at Existing Sewer)	EA	1	\$ 10,000.00	\$ 10,000.00	\$ 7,100.00	\$ 7,100.00
21	Short service Lead (unpaved road)	EA	5	\$ 375.00	\$ 1,875.00	\$ 770.00	\$ 3,850.00
22	Remove and Replace Asphalt Road	SF	160	\$ 8.50	\$ 1,360.00	\$ 70.00	\$ 11,200.00
22A	Asphalt Overlay	SF	1210	\$ 3.60	\$ 4,356.00	\$ 6.30	\$ 7,623.00
23	Tree Protection	LS	1	\$ 10.00	\$ 10.00	\$ 600.00	\$ 600.00
24	Tree Removal	LS	1	\$ 10.00	\$ 10.00	\$ 4,800.00	\$ 4,800.00
25	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 300.00	\$ 300.00	\$ 7,200.00	\$ 7,200.00

**HHPSD MASTER SEWER PLAN YEARS 3-5  
CONTRACT 4 - AREA 4  
DETAILED BID SUMMARY  
BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
	<b>Horse Sugar Lane &amp; Alice Perry Sewer</b>						\$ -
26	8" Gravity Sewer (0-6' Deep)	LF	1256	\$ 112.00	\$ 140,672.00	\$ 50.00	\$ 62,800.00
27	8" Gravity Sewer (6'-8' Deep)	LF	70	\$ 120.00	\$ 8,400.00	\$ 65.00	\$ 4,550.00
28	4" Gravity Sewer Stubout w/ Plug	EA	1	\$ 400.00	\$ 400.00	\$ 900.00	\$ 900.00
29	Manholes (0'-6' Deep)	EA	6	\$ 3,800.00	\$ 22,800.00	\$ 3,300.00	\$ 19,800.00
30	Manholes (6'-8' Deep; Cut-in at Existing Sewer)	EA	1	\$ 10,000.00	\$ 10,000.00	\$ 7,100.00	\$ 7,100.00
31	Manhole Coating per HHPSD Specifications	EA	1	\$ 2,800.00	\$ 2,800.00	\$ 6,000.00	\$ 6,000.00
32	Short service Lead (unpaved road)	EA	10	\$ 350.00	\$ 3,500.00	\$ 770.00	\$ 7,700.00
33	Long service Lead (unpaved road)	EA	3	\$ 675.00	\$ 2,025.00	\$ 1,100.00	\$ 3,300.00
34	Remove and Replace Asphalt Road	SF	145	\$ 8.50	\$ 1,232.50	\$ 70.00	\$ 10,150.00
34A	Asphalt Overlay	SF	1490	\$ 3.60	\$ 5,364.00	\$ 6.30	\$ 9,387.00
35	Shore Power Pole	EA	1	\$ 400.00	\$ 400.00	\$ 500.00	\$ 500.00
36	Tree Protection	LS	1	\$ 100.00	\$ 100.00	\$ 2,100.00	\$ 2,100.00
37	Tree Removal	LS	1	\$ 100.00	\$ 100.00	\$ 11,000.00	\$ 11,000.00
38	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 19,000.00	\$ 19,000.00
	<b>Triggerfish Trail Sewer</b>						\$ -
39	8" Gravity Sewer (0-6' Deep)	LF	487	\$ 62.00	\$ 30,194.00	\$ 50.00	\$ 24,350.00
40	8" Gravity Sewer (6'-8' Deep)	LF	70	\$ 70.00	\$ 4,900.00	\$ 65.00	\$ 4,550.00
41	New 8" Sewer Connection to Existing Manhole	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00
42	Manholes (0'-6' Deep)	EA	3	\$ 3,800.00	\$ 11,400.00	\$ 3,300.00	\$ 9,900.00
43	Manholes (6'-8' Deep)	EA	1	\$ 3,950.00	\$ 3,950.00	\$ 4,100.00	\$ 4,100.00
44	Short service Lead (unpaved road)	EA	4	\$ 350.00	\$ 1,400.00	\$ 770.00	\$ 3,080.00
45	Long service Lead (unpaved road)	EA	1	\$ 675.00	\$ 675.00	\$ 1,100.00	\$ 1,100.00
46	Remove and Replace Asphalt Road	SF	445	\$ 8.50	\$ 3,782.50	\$ 45.00	\$ 20,025.00
46A	Asphalt Overlay	SF	1130	\$ 3.60	\$ 4,068.00	\$ 6.30	\$ 7,119.00
47	Remove and Replace Concrete Drive	SF	215	\$ 8.00	\$ 1,720.00	\$ 26.00	\$ 5,590.00
48	Tree Protection	LS	1	\$ 20.00	\$ 20.00	\$ 900.00	\$ 900.00
49	Tree Removal	LS	1	\$ 20.00	\$ 20.00	\$ 7,000.00	\$ 7,000.00
50	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 500.00	\$ 500.00	\$ 12,500.00	\$ 12,500.00

**HHPSD MASTER SEWER PLAN YEARS 3-5  
CONTRACT 4 - AREA 4  
DETAILED BID SUMMARY  
BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
	<b>Great Barracuda Lane Sewer</b>						\$ -
51	8" Gravity Sewer (0-6' Deep)	LF	412	\$ 55.00	\$ 22,660.00	\$ 50.00	\$ 20,600.00
52	8" Gravity Sewer (6'-8' Deep)	LF	211	\$ 60.00	\$ 12,660.00	\$ 65.00	\$ 13,715.00
53	8" Gravity Sewer (8'-10' Deep)	LF	125	\$ 75.00	\$ 9,375.00	\$ 120.00	\$ 15,000.00
54	20" Casing Pipe Installed by Jack and Bore	LF	35	\$ 1,280.00	\$ 44,800.00	\$ 800.00	\$ 28,000.00
55	Manholes (0'-6' Deep)	EA	2	\$ 3,800.00	\$ 7,600.00	\$ 3,300.00	\$ 6,600.00
56	Manholes (8'-10' Deep)	EA	1	\$ 4,200.00	\$ 4,200.00	\$ 7,560.00	\$ 7,560.00
57	New 8" Sewer Connection to Existing Manhole	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00
58	Long service Lead (unpaved road)	EA	5	\$ 675.00	\$ 3,375.00	\$ 1,100.00	\$ 5,500.00
59	Short service Lead (unpaved road)	EA	1	\$ 350.00	\$ 350.00	\$ 770.00	\$ 770.00
60	2" Water Line	LF	742	\$ 35.00	\$ 25,970.00	\$ 15.00	\$ 11,130.00
61	8"X2" Tapping Sleeve & Valve; Tie-in to Existing 8" Water Line	EA	1	\$ 400.00	\$ 400.00	\$ 3,000.00	\$ 3,000.00
62	Plug & Abandon Existing Water Service @ 8" Main	EA	3	\$ 200.00	\$ 600.00	\$ 400.00	\$ 1,200.00
63	Water Service Including Installation of Existing/New Meter/Meter Box and Reconnection to Residential Supply Line	EA	6	\$ 400.00	\$ 2,400.00	\$ 800.00	\$ 4,800.00
64	Remove and Replace Asphalt Drive	SF	675	\$ 8.50	\$ 5,737.50	\$ 20.00	\$ 13,500.00
65	Tree Protection	LS	1	\$ 50.00	\$ 50.00	\$ 1,300.00	\$ 1,300.00
66	Tree Removal	LS	1	\$ 50.00	\$ 50.00	\$ 12,000.00	\$ 12,000.00
67	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 500.00	\$ 500.00	\$ 22,000.00	\$ 22,000.00
	<b>Yucca Drive LPS</b>						\$ -
68	2" LPS Forcemain	LF	814	\$ 30.00	\$ 24,420.00	\$ 16.00	\$ 13,024.00
69	2" LPS Forcemain by Directional Bore	LF	147	\$ 40.00	\$ 5,880.00	\$ 34.00	\$ 4,998.00
70	LPS Junction Box	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 1,600.00	\$ 1,600.00
71	LPS End Flushing Connection	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00
72	2" LPS to Existing MH Tie-in	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00
73	Coat Existing Manhole	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00
74	Tree Protection	LS	1	\$ 20.00	\$ 20.00	\$ 1,500.00	\$ 1,500.00
75	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 500.00	\$ 500.00	\$ 18,500.00	\$ 18,500.00
	<b>Fish Haul Road LPS</b>						\$ -
76	2" LPS Forcemain	LF	712	\$ 30.00	\$ 21,360.00	\$ 16.00	\$ 11,392.00

**HHPSD MASTER SEWER PLAN YEARS 3-5**  
**CONTRACT 4 - AREA 4**  
**DETAILED BID SUMMARY**  
**BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
77	LPS End Flushing Connection	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00
78	Remove and Replace Asphalt Road	SF	30	\$ 8.50	\$ 255.00	\$ 70.00	\$ 2,100.00
78A	Asphalt Overlay	SF	1040	\$ 3.60	\$ 3,744.00	\$ 6.30	\$ 6,552.00
79	2" LPS to Existing MH Tie-in	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00
80	Coat Existing Manhole	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00
81	Tree Protection	LS	1	\$ 20.00	\$ 20.00	\$ 1,200.00	\$ 1,200.00
82	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 500.00	\$ 500.00	\$ 15,000.00	\$ 15,000.00
<b>TOTAL</b>					<b>\$ 695,985.50</b>		<b>\$ 772,460.00</b>

**HHPSD MASTER SEWER PLAN YEARS 3-5**  
**CONTRACT 5 - AREA 6**  
**DETAILED BID SUMMARY**  
**BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	BRW CONSTRUCTION		JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	Project Mobilization (Area 6)	LS	1	\$ 4,000.00	\$ 4,000.00	\$ 4,800.00	\$ 4,800.00	\$ 70,000.00	\$ 70,000.00
	<b>Christopher Drive LPS</b>						\$ -		\$ -
2	2" LPS Forcemain	LF	1037	\$ 19.00	\$ 19,703.00	\$ 30.00	\$ 31,110.00	\$ 16.00	\$ 16,592.00
3	LPS Junction Box	EA	1	\$ 5,673.00	\$ 5,673.00	\$ 2,500.00	\$ 2,500.00	\$ 1,600.00	\$ 1,600.00
4	LPS End Flushing Connection	EA	1	\$ 5,112.00	\$ 5,112.00	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00
5	2" LPS to Existing MH Tie-in	EA	1	\$ 2,440.00	\$ 2,440.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00
6	Coat Existing Manhole	EA	1	\$ 2,612.00	\$ 2,612.00	\$ 2,500.00	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00
7	Tree Protection	LS	1	\$ 1,561.00	\$ 1,561.00	\$ 30.00	\$ 30.00	\$ 1,800.00	\$ 1,800.00
8	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 2,317.00	\$ 2,317.00	\$ 500.00	\$ 500.00	\$ 25,000.00	\$ 25,000.00
	<b>Pauline Manor &amp; Matilda Drive LPS</b>						\$ -		\$ -
9	2" LPS Forcemain	LF	686	\$ 19.00	\$ 13,034.00	\$ 30.00	\$ 20,580.00	\$ 16.00	\$ 10,976.00
10	LPS Junction Box	EA	1	\$ 5,200.00	\$ 5,200.00	\$ 2,500.00	\$ 2,500.00	\$ 1,600.00	\$ 1,600.00
11	LPS End Flushing Connection	EA	2	\$ 5,117.00	\$ 10,234.00	\$ 1,500.00	\$ 3,000.00	\$ 1,200.00	\$ 2,400.00
12	2" LPS to Existing LPS Tie-in (@ Existing Junction Box)	EA	1	\$ 2,397.00	\$ 2,397.00	\$ 800.00	\$ 800.00	\$ 550.00	\$ 550.00
13	2" LPS to Existing LPS Tie-in (@ New Junction Box)	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 800.00	\$ 800.00	\$ 1,100.00	\$ 1,100.00
14	Tree Protection	LS	1	\$ 1,561.00	\$ 1,561.00	\$ 30.00	\$ 30.00	\$ 1,100.00	\$ 1,100.00
15	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 400.00	\$ 400.00	\$ 17,000.00	\$ 17,000.00
	<b>TOTAL</b>				<b>\$ 79,344.00</b>		<b>\$ 73,050.00</b>		<b>\$ 157,918.00</b>

**HHPSD MASTER SEWER PLAN YEARS 3-5  
CONTRACT 6 - AREA 7  
DETAILED BID SUMMARY  
BID OPENING: 05/31/18**


ITEM	DESCRIPTION	UNITS	EST. QTY	JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	Project Mobilization (Area 7)	LS	1	\$ 11,320.00	\$ 11,320.00	\$ 71,000.00	\$ 71,000.00
	<b>Marshland Road Sewer</b>						\$ -
2	8" Gravity Sewer (0-6' Deep)	LF	372	\$ 58.00	\$ 21,576.00	\$ 50.00	\$ 18,600.00
3	8" Gravity Sewer (6'-8' Deep)	LF	370	\$ 65.00	\$ 24,050.00	\$ 65.00	\$ 24,050.00
4	New 8" Sewer Connection to Existing Manhole	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00
5	Manholes (0'-6' Deep)	EA	2	\$ 3,800.00	\$ 7,600.00	\$ 3,300.00	\$ 6,600.00
6	Manholes (6'-8' Deep)	EA	1	\$ 3,950.00	\$ 3,950.00	\$ 4,100.00	\$ 4,100.00
7	Short service Lead (unpaved road)	EA	7	\$ 350.00	\$ 2,450.00	\$ 770.00	\$ 5,390.00
8	Long service Lead (unpaved road)	EA	3	\$ 675.00	\$ 2,025.00	\$ 1,100.00	\$ 3,300.00
9	Remove and Replace Bikepath	SF	1620	\$ 8.50	\$ 13,770.00	\$ 20.00	\$ 32,400.00
10	Remove and Replace Asphalt Drive	SF	293	\$ 8.50	\$ 2,490.50	\$ 20.00	\$ 5,860.00
11	Remove and Replace Water Meter	EA	3	\$ 300.00	\$ 900.00	\$ 800.00	\$ 2,400.00
12	Remove and Replace Electric Box	EA	1	\$ 200.00	\$ 200.00	\$ 3,600.00	\$ 3,600.00
13	Tree Protection	LS	1	\$ 20.00	\$ 20.00	\$ 1,500.00	\$ 1,500.00
14	Tree Removal	LS	1	\$ 20.00	\$ 20.00	\$ 6,000.00	\$ 6,000.00
15	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 450.00	\$ 450.00	\$ 16,500.00	\$ 16,500.00
	<b>Nina Road Sewer</b>						\$ -
16	8" Gravity Sewer (0-6' Deep)	LF	192	\$ 58.00	\$ 11,136.00	\$ 50.00	\$ 9,600.00
17	8" Gravity Sewer (6'-8' Deep)	LF	297	\$ 65.00	\$ 19,305.00	\$ 65.00	\$ 19,305.00
18	Manholes (0'-6' Deep)	EA	1	\$ 3,800.00	\$ 3,800.00	\$ 3,300.00	\$ 3,300.00
19	Manholes (6'-8' Deep)	EA	2	\$ 3,950.00	\$ 7,900.00	\$ 4,100.00	\$ 8,200.00
20	Manholes (0'-6' Deep; Cut-in at Existing Sewer)	EA	1	\$ 10,000.00	\$ 10,000.00	\$ 5,300.00	\$ 5,300.00
21	Short service Lead (unpaved road)	EA	3	\$ 350.00	\$ 1,050.00	\$ 770.00	\$ 2,310.00
22	Tree Protection	LS	1	\$ 20.00	\$ 20.00	\$ 800.00	\$ 800.00
23	Tree Removal	LS	1	\$ 20.00	\$ 20.00	\$ 7,000.00	\$ 7,000.00
24	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 300.00	\$ 300.00	\$ 9,000.00	\$ 9,000.00
	<b>TOTAL</b>				<b>\$ 149,352.50</b>		<b>\$ 269,115.00</b>

**HHPSD MASTER SEWER PLAN YEARS 3-5**  
**CONTRACT 7 - AREA 8**  
**DETAILED BID SUMMARY**  
**BID OPENING: 05/31/18**

ITEM	DESCRIPTION	UNITS	EST. QTY	BRW CONSTRUCTION		JORDAN CONSTRUCTION		QUALITY ENTERPRISES	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	Project Mobilization (Area 8)	LS	1	\$ 4,500.00	\$ 4,500.00	\$ 4,000.00	\$ 4,000.00	\$ 68,000.00	\$ 68,000.00
	<b>Spanish Wells Drive LPS</b>						\$ -		\$ -
2	3" LPS Forcemain	LF	1244	\$ 45.00	\$ 55,980.00	\$ 40.00	\$ 49,760.00	\$ 18.00	\$ 22,392.00
3	3" LPS Forcemain by Directional Bore	LF	82	\$ 63.00	\$ 5,166.00	\$ 60.00	\$ 4,920.00	\$ 95.00	\$ 7,790.00
4	LPS End Flushing Connection	EA	1	\$ 4,939.00	\$ 4,939.00	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00
5	Remove and Replace Concrete Road	SF	75	\$ 40.00	\$ 3,000.00	\$ 8.00	\$ 600.00	\$ 26.00	\$ 1,950.00
6	3" LPS to Existing MH Tie-in	EA	1	\$ 2,158.00	\$ 2,158.00	\$ 2,000.00	\$ 2,000.00	\$ 1,100.00	\$ 1,100.00
7	Coat Existing Manhole	EA	1	\$ 2,608.00	\$ 2,608.00	\$ 2,500.00	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00
8	Tree Protection	LS	1	\$ 840.00	\$ 840.00	\$ 40.00	\$ 40.00	\$ 2,000.00	\$ 2,000.00
9	Erosion Control/Stabilization (seeding, sodding, erosion control mat, silt fence, sediment tube, etc.) for Sewer Installation	LS	1	\$ 10,496.00	\$ 10,496.00	\$ 600.00	\$ 600.00	\$ 11,000.00	\$ 11,000.00
	<b>TOTAL</b>				<b>\$ 89,687.00</b>		<b>\$ 65,920.00</b>		<b>\$ 121,432.00</b>

Town-Funded Master Sewer Plan Collector Main Projects				
Year 1	Year 2	Year 3	Year 4	Year 5
Nazarene Rd. Sassafras Ln. Trinh Palace Way Oakview Rd. Spanish Wells Rd. (parts) Sam Frazier Retreat Freddie's Way Rasta Dr. Dillon Rd. (part) Ferguson Ln. Kids Way Ned Ct. Rhiner Dr. Eagin Ct. Katie Miller Rd. Caesar Place	Marshland Rd. (parts) Allen Rd. Mackerel Dr. Pinefield Rd. Dianah Dr. William Way Aiken Place L&L Broadcasting Dr. Jessica Dr. Chisolm Dr.	Nina Dr. Marshland Rd. (part) Driveways off Wm. Hilton Pkwy. Cobia Ct. Wright Place Murray Ave. Amelia Circle Outlaw Rd. Mustang Ln. Lawyer Place Bligen Ln. Gumtree Rd. (part) Clifford Miller Dr. Duey Hill Dr. Orage Rd. Darling Rd. Adrianna Ln.	Thomas Cohen Dr. Spanish Wells Rd. (part) Fish Haul Rd. (part) Yucca Dr. Great Barracuda Ln. Tarpon Trail Adell Ln. Horse Sugar Ln. Alice Perry Dr. Triggerfish Trail	Christopher Dr. Pauline Manor Matilda Dr.

PSD-Funded Master Sewer Plan Collector Main Projects	
Year 3	Year 4
Marshland Rd. (part) Campbell Dr. Diamond Back Rd. Evelina Dr. McDonough Ln. Betty P. Ln. Abraham Jones Ln. Landlocked properties (Spanish Wells, Marshland, Squire Pope, Murray)	Grant Dr. Butterfly Dr. Landlocked properties (Beach City, Fish Haul) Benjamin Dr. Elizabeth Dr.

 = Sewer collector main installed. Properties can connect.