

## MINUTES

### FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 19

March 9, 2018

The Board of Directors of Fort Bend County Levee Improvement District No. 19 (the "District") met in special session, open to the public, on the March 9<sup>th</sup>, 2018, at the Fort Bend County Economic Development Council Conference Room, One Fluor Daniel Drive, Building D, Sugar Land, Texas 77478, outside the boundaries of the District, and the roll was called of the members of the Board:

Robert W. Thompson	President
James W. Green	Vice President/Assistant Secretary
John Arndt	Secretary

and all of the above were present, thus constituting a quorum.

Also present at the meeting were: Gary Paradise and Nam Baek, District residents; Chad Hablinski of Costello, Inc.; Jeff Perry and Ross Awtry of Levee Management Services, LLC; and Nancy Carter, Keely Campbell, and Tara Miles of The Muller Law Group, PLLC.

#### HURRICANE HARVEY MATTERS

Ms. Carter discussed the preliminary re-appraisal of property in the District by the Fort Bend Central Appraisal District (the "CAD") due to Hurricane Harvey. She stated that the CAD has provided a preliminary estimate reducing the District's 2017 certified value by \$32,679,673, which value reduction would be prorated after Hurricane Harvey. She distributed and reviewed a Debt Service Tax Rate Analysis from the District's financial advisor, a copy of which is attached. Ms. Carter stated that the District's tax assessor is continuing discussions with the CAD to understand methodology and procedures for establishing a final appraised value.

Director Arndt discussed the District's relationship with Fort Bend County Levee Improvement District No. 15 ("LID 15") and proposed a joint exercise to walk through the districts' Emergency Action Plan.

The Board considered temporary pump options for the upcoming hurricane season. Mr. Perry and Mr. Hablinski reviewed a summary of temporary pump options, a copy of which is attached, and discussed pumping capacity, operational logistics, and costs. After discussion, the Board confirmed its intention to double its interim pumping capacity from 80,000 to 160,000 gallons per minute and directed Mr. Hablinski and Mr. Perry to provide additional information on acquiring such additional capacity. Ms. Carter discussed financing options for the pumps and reviewed the District's general operating budget with the Board. She also noted that per the Regional Pump Station Maintenance Agreement with LID 15, LID 15 will be responsible for 54.4% of the costs.

Next, the directors of LID 15, Frank Yonish, Darrell Groves, and Rohit Sankholkar, along with Andrew Yee of the City of Sugar Land, joined the meeting and introduced themselves.

Mr. Hablinski distributed the list of recommended post-Harvey projects and cost summary for the Lost Creek Pump Station, copies of which are attached. The directors of both districts

discussed the proposed projects and cost-sharing opportunities and confirmed their desire to work together towards regional flood protection improvements.

The Boards discussed the proposed cost-sharing of Lost Creek Pump Station, Snake Slough Pump Station, Interconnect between Steep Bank Creek and Alcorn Bayou, and Interconnect between Snake Slough and Steep Bank Creek. Ms. Carter noted that LID 15 authorized the design of the Snake Slough Pump Station and both interconnects at their last Board meeting. Following discussion, Director Green moved to i) authorize Costello to design the Snake Slough Pump Station and the Interconnect between Steep Bank Creek and Alcorn Bayou and ii) consider participation in the Interconnect between Snake Slough and Steep Bank Creek following the elevation determination. Director Arndt seconded the motion, which passed unanimously. The Board stated that it will consider its participation in construction costs of the aforementioned projects following receipt of its third-party engineering report.

There being no further business to come before the Board, the Board concurred to adjourn the meeting.



  
Secretary, Board of Directors

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4827-2933-8719, v. 1

## Fort Bend County Levee Improvement District No. 19

### 2017 Road Debt Service Tax Rate Analysis

Assumes AV reduction of \$32,679,673 for 30% partial year 2017 and for all years thereafter

Year Ending	Beginning Fund Balance as of 07/24/2017	Fund Interest Earnings @ 1.0000%	Reappraisal Refund	Prior Year Taxable AV	AV Growth Percentage	Tax Rate / \$100 of Assessed Value	Tax Collections @ 98.00%	Total Funds Available	Current Debt Service	Total Debt Service	Ending Balance	Debt Service Coverage %
2017	969,792	4,251		655,321,588	6.076%	0.110000	749,361	974,043	514,146	514,146	459,897	64.318%
2018	459,897	4,599	(10,784)	695,140,433	6.076%	0.110000	749,361	1,203,074	715,041	715,041	488,032	67.649%
2019	488,032	4,880		662,460,760	-4.701%	0.110000	714,133	1,207,045	721,416	721,416	485,629	66.807%
2020	485,629	4,856		662,460,760		0.110000	714,133	1,204,618	726,916	726,916	477,702	65.305%
2021	477,702	4,777		662,460,760		0.110000	714,133	1,196,611	731,491	731,491	465,120	62.846%
2022	465,120	4,651		662,460,760		0.120000	779,054	1,248,825	740,091	740,091	508,734	68.025%
2023	508,734	5,087		662,460,760		0.120000	779,054	1,292,875	747,861	747,861	545,014	72.714%
2024	545,014	5,450		662,460,760		0.120000	779,054	1,329,518	749,526	749,526	579,992	76.269%
2025	579,992	5,800		662,460,760		0.120000	779,054	1,364,846	760,456	760,456	604,389	79.493%
2026	604,389	6,044		662,460,760		0.120000	779,054	1,399,487	760,306	760,306	629,181	81.778%
2027	629,181	6,292		662,460,760		0.120000	779,054	1,414,526	769,376	769,376	645,150	83.535%
2028	645,150	6,452		662,460,760		0.120000	779,054	1,430,656	772,311	772,311	658,344	84.470%
2029	658,344	6,583		662,460,760		0.120000	779,054	1,443,982	779,386	779,386	664,595	84.155%
2030	664,595	6,646		662,460,760		0.120000	779,054	1,450,295	789,724	789,724	660,571	83.253%
2031	660,571	6,606		662,460,760		0.120000	779,054	1,446,231	793,449	793,449	652,782	81.532%
2032	652,782	6,528		662,460,760		0.120000	779,054	1,438,364	800,649	800,649	637,715	79.545%
2033	637,715	6,377		662,460,760		0.120000	779,054	1,423,146	801,699	801,699	621,447	77.073%
2034	621,447	6,214		662,460,760		0.120000	779,054	1,406,716	806,305	806,305	600,411	73.722%
2035	600,411	6,004		662,460,760		0.120000	779,054	1,385,469	814,425	814,425	571,044	70.028%
2036	571,044	5,710		662,460,760		0.120000	779,054	1,355,808	815,445	815,445	540,363	161.182%
2037	540,363	5,404		662,460,760		0.120000	779,054	1,324,820	835,250	835,250	498,570	291.909%
2038	498,570	9,896		662,460,760		0.120000	779,054	1,778,520	339,000	339,000	1,439,520	426.920%
2039	1,439,520	14,395		662,460,760		0.120000	779,054	2,232,969	337,188	337,188	1,895,782	
<b>Totals</b>		<b>143,503</b>	<b>(10,784)</b>			<b>Average Tax Rate: 0.118182</b>		<b>16,914,729</b>	<b>16,121,458</b>	<b>16,121,458</b>		

M&O Tax Rate to Balance Budget \$ 0.10000 @ a 98.00% collections rate generates \$681,238.

## Fort Bend County Levee Improvement District No. 19

### 2017 Levee and Parks Debt Service Tax Rate Analysis

Assumes AV reduction of \$32,679,673 for 30% partial year 2017 and for all years thereafter

Year Ending 12/31	Beginning Fund Balance as of 07/24/2017	Fund Interest Earnings @ 1.000%	Reappraisal Refund	Prior Year Taxable Year	AV Growth Percentage	Tax Rate / \$100 of Assessed Value	Tax Collections @ 98.00%	Total Funds Available	Current Debt Service	Proposed Debt Service Series 2018	Total Debt Service	Ending Balance	Debt Service Coverage %
2017	4,368,317	19,149		655,321,588			-	4,387,465	2,471,768		2,471,768	1,915,697	65.855%
2018	1,915,697	19,157		695,140,433	6.076%	0.430000	2,929,322	4,822,019	2,908,971		2,908,971	1,913,048	60.094%
2019	1,913,048	19,130	(42,157)	662,460,760	-4.701%	0.430000	2,791,610	4,723,788	2,929,416	254,000	3,183,416	1,540,372	47.959%
2020	1,540,372	15,404		662,460,760		0.430000	2,791,610	4,347,385	2,957,823	254,000	3,211,823	1,135,563	59.440%
2021	1,135,563	11,356		662,460,760		0.290000	1,882,713	3,029,632	1,416,450	494,000	1,910,450	1,119,182	58.629%
2022	1,119,182	11,192		662,460,760		0.290000	1,882,713	3,013,087	1,419,513	489,400	1,908,913	1,104,175	57.761%
2023	1,104,175	11,042		662,460,760		0.290000	1,882,713	2,997,930	1,427,013	484,600	1,911,613	1,086,317	56.821%
2024	1,086,317	10,863		662,460,760		0.290000	1,882,713	2,979,894	1,442,213	469,600	1,911,813	1,068,081	55.977%
2025	1,068,081	10,681		662,460,760		0.290000	1,882,713	2,961,476	1,453,269	454,800	1,908,069	1,053,407	55.234%
2026	1,053,407	10,534		662,460,760		0.290000	1,882,713	2,946,655	1,451,969	455,200	1,907,169	1,039,486	54.377%
2027	1,039,486	10,395		662,460,760		0.290000	1,882,713	2,932,594	1,466,431	445,200	1,911,631	1,020,963	53.507%
2028	1,020,963	10,210		662,460,760		0.290000	1,882,713	2,913,886	1,467,888	440,200	1,908,088	1,005,798	52.748%
2029	1,005,798	10,058		662,460,760		0.290000	1,882,713	2,898,570	1,476,781	430,000	1,906,781	991,789	51.985%
2030	991,789	9,918		662,460,760		0.290000	1,882,713	2,884,420	1,478,044	429,800	1,907,844	976,576	51.096%
2031	976,576	9,766		662,460,760		0.290000	1,882,713	2,869,056	1,477,044	434,200	1,911,244	957,812	50.108%
2032	957,812	9,578		662,460,760		0.290000	1,882,713	2,850,103	1,493,481	418,000	1,911,481	938,622	49.199%
2033	938,622	9,386		662,460,760		0.290000	1,882,713	2,830,722	1,485,806	422,000	1,907,806	922,916	48.281%
2034	922,916	9,229		662,460,760		0.290000	1,882,713	2,814,858	1,176,156	735,400	1,911,556	903,302	47.249%
2035	903,302	9,033		662,460,760		0.240000	1,558,108	2,470,443	1,175,975	735,800	1,911,775	885,668	46.445%
2036	558,668	5,587		662,460,760		0.190000	1,233,502	1,797,756	738,750	485,200	1,223,950	573,806	46.885%
2037	573,806	5,738		662,460,760		0.140000	908,896	1,488,441	740,250	483,600	1,223,850	264,591	54.963%
2038	264,591	2,646		662,460,760		0.070000	454,448	721,685	481,400	483,600	481,400	240,285	49.687%
2039	240,285	2,403		662,460,760		0.070000	454,448	697,135			483,600	213,535	0.000%
<b>Totals</b>		<b>242,453</b>	<b>(42,157)</b>		<b>Average Tax Rate:</b>	<b>0.275455</b>	<b>39,479,932</b>		<b>34,055,009</b>	<b>9,780,000</b>	<b>43,835,009</b>		

M&O Tax Rate to Balance Budget \$ 0.10000 @ a 98.00% collections rate generates \$681,238.

Steep Bank Creek Temporary Pump Options

SBC Service Area **2,854** acres  
 Remove 1" Rainfall in a Day **53,818** Gallons Per Minute

Existing Pumps	Cumulative Capacity	Equivalent Rainfall Per Day in Watershed	Cost for Rental (weekly)				Peak Rainfall Data (Per FBCDD)
			#	Stationary /Not Set Up) # based off 12,000GPM	#	Trailer Mounted (Installed) # based on 10,000GPM	
40,000	120,000 GPM	1.5 Inches	2	\$ 14,000.00	2	\$ 16,250.00	1 Yr 3.80
80,000	160,000 GPM	2.2 Inches	4	\$ 28,000.00	8	\$ 65,000.00	2 Yr 4.90
100,000	180,000 GPM	3.0 Inches	7	\$ 49,000.00	16	\$ 130,000.00	5 Yr 6.75
120,000	200,000 GPM	3.3 Inches					10 Yr 8.20
140,000	220,000 GPM	3.7 Inches					25 Yr 9.60
160,000	240,000 GPM	4.1 Inches	12	\$ 84,000.00	28	\$ 227,500.00	50 Yr 11.00
180,000	260,000 GPM	4.5 Inches					100 Yr 12.50
200,000	280,000 GPM	4.8 Inches					
220,000	300,000 GPM	5.2 Inches	17	\$ 119,000.00	40	\$ 325,000.00	
240,000	320,000 GPM	5.6 Inches					
260,000	340,000 GPM	5.9 Inches					
280,000	360,000 GPM	6.3 Inches					
300,000	380,000 GPM	6.7 Inches	24	\$ 168,000.00	56	\$ 455,000.00	
320,000	400,000 GPM	7.1 Inches					
340,000	420,000 GPM	7.4 Inches					
360,000	440,000 GPM	7.8 Inches					
380,000	460,000 GPM	8.2 Inches	30	\$ 210,000.00	72	\$ 585,000.00	
400,000	480,000 GPM	8.5 Inches					
420,000	500,000 GPM	8.9 Inches					
440,000	520,000 GPM	9.3 Inches					
		9.7 Inches	37	\$ 259,000.00	88	\$ 715,000.00	

\* Call costs do NOT include the costs of fuel

set up/tear down NOT include

Gator Pump Option (Purchase only)

Each:	Costs	Operations (Weekly)
40,000	90,000 GPM	\$18,000
	120,000 GPM	\$22,000
140,000	220,000 GPM	\$72,000
	280,000 GPM	Add \$6000
200,000	280,000 GPM	Add \$252,000
	280,000 GPM	Add \$38,000
280,000	360,000 GPM	Add \$360,000
	360,000 GPM	Add \$54,000
360,000	440,000 GPM	Add \$504,000
	440,000 GPM	Add \$70,000
440,000	520,000 GPM	Add \$648,000
	520,000 GPM	Add \$792,000
		Add \$86,000

\* Call costs do NOT include the costs of fuel

Max Daily Rainfall During Harvey

**Fort Bend County Levee Improvement District No. 19**  
**After Action Plan - Preliminary Recommendations**

Project Number	Project Description	Estimated Cost (after proration if appropriate)	Estimated Completion Time	Approved by Board (Date)
1	Construction of 400,000 GPM Lost Creek Pump Station (pro rated 28.4%)	\$3,750,000	730 days	Coordination with other Districts authorized 1/23/2017
2	Construction of Snake Slough Pump Station (pro rated 40%)	\$1,221,000	550 days	
3	Construction of watershed interconnect between Snake Slough and SBC (pro rated 33%)	\$344,000	270 days	
4	Construction of watershed interconnect between SBC and Alcorn Bayou (pro rated 50%)	\$313,000	180 days	
5	Construction of staff gauges at SBC pump station (pro rated 45%)	\$4,500	90 days	
6	Digital information boards for emergency information located in the District	\$15k-\$35k/ea	120 days	12/19/17
7	Construction of lighting package at SBC pump station (pro rated 45%)	TBD	120 days	12/19/17
8	Construction of bunk house/headquarters for UID 19/UID 15 system (pro rated 50%)	\$300,000	365 days	
9	Development of video monitoring at Pump Stations	TBD	270 days	
10	Purchase UTV for levee monitoring during river event	\$15,000	30 days	
11	Construction of all weather surface on levee top (26,000-ft @ \$60/ft)	\$1,560,000	TBD	
12	Construction of conveyance improvements for Steep Bank Creek (pro rated 27.4%)	TBD	TBD	
23	Stand-by Rental Pumps	TBD	TBD	authorized pricing proposals 1/23/17
a	Federal Grants and Reimbursement - Engage FEMA Consultant	TBD	ongoing	11/13/17
b	Evacuation Orders - Expand / Expedite ability to distribute information to District	TBD	TBD	
c	Expansion of District Website Communications	TBD	TBD	
d	Expansion of Emergency Notification System	<\$10,000	30 days	
e	Answering Service During Emergency Conditions	TBD	TBD	
f	Coordination with other Governmental Agencies / Protocol for UID rep to report to District	<\$10,000	30 days	
g	Pre-establish procedure and budgets for emergency operations / change order approvals	<\$10,000	90 days	
h	Prequalify Contractors/Vendors for Recovery Needs	<\$10,000	60 days	
i	Community Outreach / Live Webcasts	TBD	TBD	
j	Law Enforcement - Protocol with MUDs to communicate needs and explore supplemental security services	<\$10,000	30 days	
k	Debris Removal - Communicate with County and staging area	<\$10,000	TBD	

**Fort Bend County Levee Improvement District No. 15**  
**After Action Plan - Preliminary Recommendations**

Project Number	Project Description	Estimated Cost (after proration, if applicable)	Estimated Completion Time	Approved by Board (Date)
1	Construction of outfall southeast corner of Prestwick and overflow path	\$120,000	180 days	12/19/17
2	Construction of Snake Slough Pump Station (pro rated 60%)	\$1,831,000	550 days	12/19/17
3	Construction of watershed interconnect between Snake Slough and Alcorn Bayou	TBD	TBD	
4	Construction of 400,000 GPM Lost Creek Pump Station (pro rated 33.0%)	\$4,365,000	730 days	Coordination with other Districts authorized 12/19/2017
5	Construction of watershed interconnect between SBC and Alcorn Bayou (pro rated 50%)	\$913,000	180 days	
6	Construction of watershed interconnect between Snake Slough and SBC (pro rated 33%)	\$344,000	270 days	
7	Construction of staff gauges at SBC pump station (pro rated 55%)	\$5,500	90 days	12/19/17
8	Construction of staff gauges at Alcorn Pump Station	\$10,000	90 days	12/19/17
9	Construction of staff gauges at Pecan Manor Outfall	\$10,000	90 days	12/19/17
10	Remove pipe culverts at pipeline crossing east of Avalon	<\$5,000	30 days	12/19/17
11	Construction of driveway from Levee to Alcorn Pump Station	\$40,000	120 days	12/19/17
12	Digital information boards for emergency information located in the District	\$15k-\$35k/ea	120 days	12/19/17
13	Construction of lighting package at SBC pump station (pro rated 55%)	TBD	120 days	
14	Construction of lighting package at Alcorn Pump Station	TBD	120 days	
15	Construction of lighting package at Pecan Manor Outfall	TBD	120 days	
16	Construction of trunk house/headquarters for LID 19/LID 15 system (pro rated 50%)	\$300,000	365 days	
17	Development of video monitoring at Pump Stations	TBD	270 days	
18	Purchase UTV for levee monitoring during river event	\$15,000	30 days	
19	Construction of all weather surface on levee top (21,700-ft @ \$60/ft)	\$1,300,000	TBD	
20	Construction of lighting package at Pond AS12 Outfall	TBD	120 days	
21	Construction of staff gauges at Pond AS 12 Outfall	\$10,000	90 days	12/19/17
22	Construction of conveyance improvements for Steep Bank Creek (pro rated 34.1%)	TBD	TBD	authorized pricing proposals 1/23/17
23	Stand-by Rental Pumps	TBD	TBD	
a	Federal Grants and Reimbursement - Engage FEMA Consultant	TBD	ongoing	11/28/17
b	Evacuation Orders - Expand / Expedite ability to distribute information to District	TBD	TBD	
c	Expansion of District Website Communications	TBD	TBD	
d	Expansion of Emergency Notification System	<\$10,000	30 days	
e	Answering Service During Emergency Conditions	TBD	TBD	
f	Coordination with other Governmental Agencies / Protocol for LID rep to report to District	<\$10,000	30 days	
g	Pre-establish procedure and budgets for emergency operations / change order approvals	<\$10,000	90 days	
h	Prequalify Contractors/Vendors for Recovery Needs	<\$10,000	60 days	
i	Community Outreach / Live Webcasts	TBD	TBD	
j	Law Enforcement - Protocol with MUDs to communicate needs and explore supplemental security services	<\$10,000	30 days	
k	Debris Removal - Communicate with County and staging area	<\$10,000	TBD	



Construction Estimate of Cost for Lost Creek Pump Station  
Cost Shared with Other Entities

Item No.	Description of Item	Quantity	Unit	Unit Price	Extended Total
<b>PUMP STATION ITEMS</b>					
1	Proposed Generator (Natural Gas)	1	LS	\$1,500,000.00	\$1,500,000.00
2	Proposed Natural Gas Piping	1	LS	\$25,000.00	\$25,000.00
3	Proposed Stormwater Pumps	9	EA	\$200,000.00	\$1,800,000.00
4	Proposed Sump Pump	1	LS	\$25,000.00	\$25,000.00
5	60" Pump Tubing	9	EA	\$12,000.00	\$108,000.00
6	Proposed Venilation Fans	1	LS	\$45,500.00	\$45,500.00
7	Electrical System Installation	1	LS	\$1,750,000.00	\$1,750,000.00
8	Electrical Service	1	LS	\$25,000.00	\$25,000.00
8a	Install Primary Circuit and Ductbank to Transformer Pad	150	LF	\$250.00	\$37,500.00
8b	Install Secondary Circuit and Ductbank from Transformer Pad	100	LF	\$750.00	\$75,000.00
9	Telephone Service	1	LS	\$1,000.00	\$1,000.00
10	Pump Controller Programming Allowance	1	LS	\$115,000.00	\$115,000.00
11	Multilin Programming Allowance	1	LS	\$45,000.00	\$45,000.00
12	Security System	1	LS	\$45,000.00	\$45,000.00
13	NG Service/Meter Assembly Allowance (Si Energy)	1	LS	\$15,000.00	\$15,000.00
14	Motor Control and Generator Building	1	LS	\$350,000.00	\$350,000.00
15	Pump Station Structure	1	LS	\$2,500,000.00	\$2,500,000.00
16	Sluice Gate electric actuator	2	EA	\$75,000.00	\$150,000.00
17	120" Discharge Piping	400	LF	\$1,200.00	\$480,000.00
18	Coating System on Discharge Piping and Pump Tubes	1	LS	\$50,000.00	\$50,000.00
19	120" Flap Gate	2	EA	\$75,000.00	\$150,000.00
20	120" Sluice Gate	2	EA	\$75,000.00	\$150,000.00
21	Levee Removal/Replacement	1	LS	\$10,000.00	\$10,000.00
22	Reseed Levee Disturbed Area	1	LS	\$10,000.00	\$10,000.00
23	60" Check Valves	9	EA	\$85,000.00	\$765,000.00
Subtotal:					\$10,227,000.00
<b>DRAINAGE ITEMS</b>					
24	Relocate 36" Backslope Interceptor	1	EA	\$10,000.00	\$10,000.00
25	54" RCP Storm Sewer	150	EA	\$250.00	\$37,500.00
26	54" Outfall Structure	1	EA	\$15,000.00	\$15,000.00
27	Remove Ex. 54" Stm and Outfall Structure	1	LS	\$10,000.00	\$10,000.00
28	8' x 6' CL III RCP Storm Sewer	300	LF	\$650.00	\$195,000.00
29	SET For 8'x6' Outfall	6	EA	\$17,500.00	\$105,000.00
30	Sloped Paving for 8'x6' Outfall	1,500	SY	\$30.00	\$45,000.00
31	Proposed Swale	300	LF	\$10.00	\$3,000.00
32	Type "A" Inlet	3	EA	\$2,500.00	\$7,500.00
33	On Site Drainage	1	LS	\$10,000.00	\$10,000.00
34	Trench Safety System	850	LF	\$15.00	\$12,750.00
Subtotal:					\$450,750.00
<b>PAVING ITEMS</b>					
35	Excavation	1	LS	\$5,000.00	\$5,000.00
36	Haul off Surplus Excavation - Material to become Property of the Contractor	1	LS	\$10,000.00	\$10,000.00
37	8" Thick Lime Stabilized Subgrade	850	SY	\$3.00	\$2,550.00
38	Lime (8%)	25	TON	\$180.00	\$4,500.00
39	7" Concrete Pavement	800	SY	\$35.00	\$28,000.00
40	6" Curb	450	LF	\$4.00	\$1,800.00
41	Final Grading Pump Station Site	1	LS	\$5,000.00	\$5,000.00
42	Paving Markings	1	LS	\$1,500.00	\$1,500.00
43	Retaining Wall	100	LF	\$250.00	\$25,000.00
44	Pipe Bollards (Location TBD by Centerpoint)	15	EA	\$800.00	\$12,000.00
45	Radiator Pad	1	EA	\$1,500.00	\$1,500.00
46	Transformer Pad	1	EA	\$1,000.00	\$1,000.00
47	Gas Meter Pad	1	EA	\$800.00	\$800.00
Subtotal:					\$98,650.00
<b>MISCELLANEOUS ITEMS</b>					
48	Clearing and Grubbing (Site and Access Road)	1	LS	\$5,000.00	\$5,000.00
49	Construction Staking	1	LS	\$10,000.00	\$10,000.00
50	20-foot Wide Gate (Entry)	1	EA	\$7,000.00	\$7,000.00
51	Remove Barbed Wire Fencing (as necessary)	1	LS	\$500.00	\$500.00
52	Brick Fencing	500	LF	\$165.00	\$82,500.00
53	Minimum 2 Ton Portable A Frame Gantry (Aluminium or Steel) with Minimum 2 Ton Single Phase 110V Electric Hoist (with 35-foot Wire Rope or Chain)	1	LS	\$5,000.00	\$5,000.00
54	City of Missouri City Infrastructure Fee	1	LS	\$90,000.00	\$90,000.00
Subtotal:					\$200,000.00
<b>SWPPP ITEMS</b>					
55	Turf Establishment by Hydromulch Seeding (Pump Station Site)	2	Acres	\$1,500.00	\$3,000.00
56	Reinforced Silt Fence (Installed as Directed in Field)	500	LF	\$2.00	\$1,000.00
57	Inlet Protection Barrier	3	EA	\$200.00	\$600.00
58	Construction Entry/Exit	1	LS	\$4,000.00	\$4,000.00
59	NOI Submittal	1	LS	\$1,500.00	\$1,500.00
Subtotal:					\$10,100.00
<b>SUPPLEMENTAL ITEMS</b>					
60	Well Point System	1	LS	\$20,000.00	\$20,000.00
61	Additional Cost to Provide Modified Bedding for Box Storm Sewer	100	LF	\$15.00	\$1,500.00
62	Extra Cement Stabilized Sand	25	CY	\$12.00	\$300.00
63	Granular Material for Over Excavation of Trench	50	CY	\$15.00	\$750.00
Subtotal:					\$22,550.00
				Construction Cost	\$11,009,050.00
				Geotech/Engineering/Testing (20%)	\$2,201,810.00
				Contingency	\$1,321,086.00
				Project Cost	\$14,531,946.00
				FBCLID 15 SHARE	33.04%
				FBCLID 19 SHARE	28.38%
				FCLID SHARE	22.70%
				FBCMUD 115 SHARE	11.88%
				FBCLID 2 SHARE	3.99%
					\$4,801,550.48
					\$4,124,343.47
					\$3,299,474.78
					\$1,726,114.12
					\$580,463.15