

**VAN DE WIELE & VOGLER, INC.**  
**BID TABULATION**

**Water Distribution, Sanitary Sewer Collection, Drainage System Improvements & Overflow Detention Pond  
To Serve Maple Ridge Place, Section 4  
Within Harris County MUD No. 11  
Harris County, Texas  
V&V Project Number: 20007-004-1-UTL  
Bid Date: Thursday, August 26, 2010**

ITEM NO.	DESCRIPTION	UNIT	QTY	1. Clearwater Utilities, Inc.		2. Triple B Services, L.L.P.		3. C.E. Barker, Ltd.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>BASE BID</b>									
<b>WATER DISTRIBUTION</b>									
1.	4" C900 PVC CL 150 Waterline (Incl. fittings)	LF	478	\$ 10.20	\$ 4,875.60	\$ 10.70	\$ 5,114.60	\$ 11.00	\$ 5,258.00
2.	6" C900 PVC CL 150 Waterline (Incl. fittings)	LF	360	\$ 10.90	\$ 3,924.00	\$ 14.00	\$ 5,040.00	\$ 11.56	\$ 4,161.60
3.	8" C900 PVC CL 150 Waterline (Incl. fittings)	LF	108	\$ 14.90	\$ 1,609.20	\$ 20.00	\$ 2,160.00	\$ 16.22	\$ 1,751.76
4.	12" C900 PVC CL 150 Waterline (Incl. fittings)	LF	1,131	\$ 23.40	\$ 26,465.40	\$ 27.00	\$ 30,537.00	\$ 23.51	\$ 26,589.81
5.	4" C900 PVC CL 150 Restrained Joint Waterline (Incl. fittings)	LF	42	\$ 22.25	\$ 934.50	\$ 24.00	\$ 1,008.00	\$ 32.79	\$ 1,377.18
6.	6" C900 PVC CL 150 Restrained Joint Waterline (Incl. fittings)	LF	183	\$ 21.90	\$ 4,007.70	\$ 26.00	\$ 4,758.00	\$ 33.09	\$ 6,055.47
7.	8" C900 PVC CL 150 Restrained Joint Waterline (Incl. fittings)	LF	32	\$ 44.50	\$ 1,424.00	\$ 53.00	\$ 1,696.00	\$ 59.90	\$ 1,916.80
8.	12" C900 PVC CL 150 Restrained Joint Waterline (Incl. fittings)	LF	120	\$ 47.60	\$ 5,712.00	\$ 60.00	\$ 7,200.00	\$ 91.31	\$ 10,957.20
9.	6" Fire Hydrant Branch	LF	40	\$ 9.30	\$ 372.00	\$ 16.00	\$ 640.00	\$ 24.09	\$ 963.60
10.	18" Ductile Iron Pipe Casing for 12" Water Line (Includes pipe, spacers & grouting)	LF	59	\$ 69.90	\$ 4,124.10	\$ 135.00	\$ 7,965.00	\$ 174.92	\$ 10,320.28
11.	Jack & Bore 18" Ductile Iron Pipe Casing for 12" Water Line (Pipe not included; Includes mobilization)	LF	31	\$ 123.05	\$ 3,814.55	\$ 75.00	\$ 2,325.00	\$ 101.77	\$ 3,154.87
12.	4" Gate Valve & Box	EA	2	\$ 554.00	\$ 1,108.00	\$ 600.00	\$ 1,200.00	\$ 494.02	\$ 988.05
13.	6" Gate Valve & Box	EA	8	\$ 605.00	\$ 4,840.00	\$ 660.00	\$ 5,280.00	\$ 617.66	\$ 4,941.28
14.	8" Gate Valve & Box	EA	3	\$ 820.00	\$ 2,460.00	\$ 900.00	\$ 2,700.00	\$ 842.06	\$ 2,526.18
15.	12" Gate Valve & Box	EA	5	\$ 1,640.00	\$ 8,200.00	\$ 1,850.00	\$ 9,250.00	\$ 1,840.64	\$ 9,203.20
16.	12" x 12" TS&V Back Tap	EA	1	\$ 5,716.00	\$ 5,716.00	\$ 7,300.00	\$ 7,300.00	\$ 7,663.26	\$ 7,663.26

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17.	12" Wet Connect (Remove Clamp & Plug)	EA.	1	\$ 154.00	\$ 154.00	\$ 380.00	\$ 380.00	\$ 767.26	\$ 767.26
18.	2" Blow-off Valve & Box	EA	6	\$ 369.00	\$ 2,214.00	\$ 660.00	\$ 3,960.00	\$ 780.54	\$ 4,683.24
19.	6" Plug & Clamp	EA	2	\$ 64.00	\$ 128.00	\$ 90.00	\$ 180.00	\$ 190.74	\$ 381.48
20.	8" Plug & Clamp	EA	2	\$ 87.00	\$ 174.00	\$ 110.00	\$ 220.00	\$ 210.94	\$ 421.88
21.	12" x 8" Reducer	EA	2	\$ 226.00	\$ 452.00	\$ 435.00	\$ 870.00	\$ 237.86	\$ 475.72
22.	6" x 4" Reducer	EA	2	\$ 65.00	\$ 130.00	\$ 80.00	\$ 160.00	\$ 65.08	\$ 130.16
23.	Fire Hydrants (All Depths)	EA	4	\$ 1,847.00	\$ 7,388.00	\$ 2,700.00	\$ 10,800.00	\$ 2,637.45	\$ 10,549.80
24.	OSHA Trench Safety System	LF	2,553	\$ 0.10	\$ 255.30	\$ 1.00	\$ 2,553.00	\$ 0.11	\$ 280.83
25.	Extra C.I. Fittings (To be used only w/ Engr's authorization)	TON	2	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00
26.	Extra Bank Sand (To be used only w/ Engr's authorization)	CY	50	\$ 20.00	\$ 1,000.00	\$ 20.00	\$ 1,000.00	\$ 20.00	\$ 1,000.00
	Sub-Total Water Distribution				\$ 93,482.35		\$ 116,296.60		\$ 118,518.91
<b><u>SANITARY SEWER</u></b>									
1.	8" Plug	EA	4	\$ 20.50	\$ 82.00	\$ 25.00	\$ 100.00	\$ 142.12	\$ 568.48
2.	6" Sanitary Sewer Lead Including 6"x6" Wye (All Cuts)	LF	1,066	\$ 27.30	\$ 29,101.80	\$ 30.60	\$ 32,619.60	\$ 34.18	\$ 36,435.88
3.	8" SDR 26 PVC Sanitary Sewer Pipe	LF	1,939	\$ 29.55	\$ 57,297.45	\$ 26.00	\$ 50,414.00	\$ 19.95	\$ 38,683.05
4.	Standard Precast Concrete Manhole	EA	19	\$ 1,084.00	\$ 20,596.00	\$ 1,370.00	\$ 26,030.00	\$ 1,326.91	\$ 25,211.29
5.	6" Sanitary Sewer Stack	EA	14	\$ 289.00	\$ 4,046.00	\$ 300.00	\$ 4,200.00	\$ 490.34	\$ 6,864.76
6.	Remove Existing 8" Plug and Connect to Existing 8" Sanitary Sewer	EA	1	\$ 154.00	\$ 154.00	\$ 120.00	\$ 120.00	\$ 960.31	\$ 960.31
7.	Inflow Protectors	EA	19	\$ 82.00	\$ 1,558.00	\$ 90.00	\$ 1,710.00	\$ 174.47	\$ 3,314.93
8.	OSHA Trenching System (All Cuts)	LF	3,005	\$ 0.10	\$ 300.50	\$ 1.00	\$ 3,005.00	\$ 0.11	\$ 330.55
9.	Extra Cement Stabilized Sand (To be used only with Engineer's authorization)	TON	25	\$ 25.00	\$ 625.00	\$ 25.00	\$ 625.00	\$ 25.00	\$ 625.00

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10.	Well Pointing / Trench Dewatering (To be used only with Engineer's authorization)	LF	100	\$ 30.00	\$ 3,000.00	\$ 30.00	\$ 3,000.00	\$ 30.00	\$ 3,000.00
11.	Crushed Stone Trench Foundation (To be used only with Engineer's authorization)	LF	100	\$ 25.00	\$ 2,500.00	\$ 25.00	\$ 2,500.00	\$ 25.00	\$ 2,500.00
12.	Post Construction TV Inspection	LS	1	\$ 3,486.00	\$ 3,486.00	\$ 500.00	\$ 500.00	\$ 3.09	\$ 3.09
	Sub-Total Sanitary Sewer				\$ 122,746.75		\$ 124,823.60		\$ 118,497.34
<b><u>STORM SEWER</u></b>									
1.	24" ASTM C76 CL III RCP (All Cuts)	LF	1,049	\$ 28.35	\$ 29,739.15	\$ 38.00	\$ 39,862.00	\$ 35.66	\$ 37,407.34
2.	30" ASTM C76 CL III RCP (All Cuts)	LF	263	\$ 35.60	\$ 9,362.80	\$ 48.00	\$ 12,624.00	\$ 44.72	\$ 11,761.36
3.	36" ASTM C76 CL III RCP (All Cuts)	LF	319	\$ 48.30	\$ 15,407.70	\$ 69.00	\$ 22,011.00	\$ 60.84	\$ 19,407.96
4.	42" ASTM C76 CL III RCP (All Cuts)	LF	292	\$ 59.40	\$ 17,344.80	\$ 84.00	\$ 24,528.00	\$ 75.04	\$ 21,911.68
5.	48" ASTM C76 CL III RCP (All Cuts)	LF	414	\$ 70.20	\$ 29,062.80	\$ 100.00	\$ 41,400.00	\$ 90.09	\$ 37,297.26
6.	48" CMP (All Cuts)	LF	68	\$ 58.75	\$ 3,995.00	\$ 87.00	\$ 5,916.00	\$ 125.09	\$ 8,506.12
7.	24" RCP Inlet Lead	LF	416	\$ 41.90	\$ 17,430.40	\$ 43.00	\$ 17,888.00	\$ 35.66	\$ 14,834.56
8.	Type "C" Manhole (24"-42")	EA	16	\$ 1,148.00	\$ 18,368.00	\$ 1,250.00	\$ 20,000.00	\$ 1,705.44	\$ 27,287.04
9.	Type "C" Manhole (48"-72")	EA	3	\$ 1,892.00	\$ 5,676.00	\$ 1,700.00	\$ 5,100.00	\$ 2,823.71	\$ 8,471.13
10.	Type "C" Manhole (48"-72") with E-Inlet Top	EA	1	\$ 2,179.00	\$ 2,179.00	\$ 1,700.00	\$ 1,700.00	\$ 3,076.16	\$ 3,076.16
11.	Construct Manhole on Exist. Storm Sewer	EA	2	\$ 2,358.00	\$ 4,716.00	\$ 1,400.00	\$ 2,800.00	\$ 2,294.49	\$ 4,588.98
12.	Type "B-B" Storm Inlet	EA	22	\$ 1,369.00	\$ 30,118.00	\$ 1,660.00	\$ 36,520.00	\$ 1,353.13	\$ 29,768.86
13.	24" Thick Brick Plug	EA	3	\$ 36.00	\$ 108.00	\$ 70.00	\$ 210.00	\$ 224.40	\$ 673.20
14.	Rip Rap (18" Thick)	CY	73	\$ 61.50	\$ 4,489.50	\$ 55.00	\$ 4,015.00	\$ 100.98	\$ 7,371.54
15.	Timber Bent for 48" Outfall	EA	1	\$ 923.00	\$ 923.00	\$ 1,000.00	\$ 1,000.00	\$ 1,290.30	\$ 1,290.30

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				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
16.	25' Wide Emergency Overflow Swale with 3:1 Side Slopes (Incl. Excavation & Embankment; Additional Material to be Spread and Compacted to 95% Std. Proctor on Adjacent Lots)	LF	586	\$ 10.25	\$ 6,006.50	\$ 4.00	\$ 2,344.00	\$ 4.26	\$ 2,496.36
17.	Seed 25' Wide Emergency Overflow Swale (Dry Application per HCFCD Specs.)	AC	0.50	\$ 3,384.00	\$ 1,692.00	\$ 2,000.00	\$ 1,000.00	\$ 4,510.44	\$ 2,255.22
18.	Regrade Existing Backslope Swale and Maintenance Berm within Existing Detention Pond per HCFCD Stds.	LF	639	\$ 2.05	\$ 1,309.95	\$ 2.35	\$ 1,501.65	\$ 4.26	\$ 2,722.14
19.	Reestablish Existing Detention Pond High Bank & Seed (Dry Application per HCFCD Specs.)	SY	537	\$ 6.15	\$ 3,302.55	\$ 2.00	\$ 1,074.00	\$ 0.56	\$ 300.72
20.	Furnish and Install Articulated Concrete Block Extreme Event Swale per HCFCD Stds. (Includes excavation and embankment)	SY	94	\$ 84.65	\$ 7,957.10	\$ 80.00	\$ 7,520.00	\$ 84.21	\$ 7,915.74
21.	10' Wide Outfall Swale (Incl. Excavation & Embankment)	LF	132	\$ 7.20	\$ 950.40	\$ 6.00	\$ 792.00	\$ 12.12	\$ 1,599.84
22.	10' Wide Temp. Swale (Incl. Excavation & Embankment)	LF	462	\$ 7.20	\$ 3,326.40	\$ 3.00	\$ 1,386.00	\$ 6.51	\$ 3,007.62
23.	OSHA Trenching System (All Depths)	LF	2,821	\$ 0.10	\$ 282.10	\$ 1.00	\$ 2,821.00	\$ 0.11	\$ 310.31
24.	Utility Spoils - Spread & Compact on Adjacent Section 5 (Compact to 95% std. proctor)	LS	1	\$ 9,535.00	\$ 9,535.00	\$ 3,800.00	\$ 3,800.00	\$ 5,385.60	\$ 5,385.60
25.	Extra Cement Stabilized Sand (To be used only with authorization from the Engineer)	TON	25	\$ 25.00	\$ 625.00	\$ 25.00	\$ 625.00	\$ 25.00	\$ 625.00
26.	Well Pointing / Trench Dewatering (To be used only with authorization from the Engineer)	LF	100	\$ 30.00	\$ 3,000.00	\$ 30.00	\$ 3,000.00	\$ 30.00	\$ 3,000.00
27.	Crushed Stone Trench Foundation (To be used only with authorization from the Engineer)	LF	100	\$ 25.00	\$ 2,500.00	\$ 25.00	\$ 2,500.00	\$ 25.00	\$ 2,500.00
28.	SWPPP Weekly Inspections	LS	1	\$ 513.00	\$ 513.00	\$ 500.00	\$ 500.00	\$ 953.70	\$ 953.70

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				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
Sub-Total Storm Sewer					\$ 229,920.15		\$ 264,437.65		\$ 266,725.74
<b><u>DEMOLITION, CLEARING &amp; GRUBBING</u></b>									
1.	Relocate Existing Wood Frame Building (Contractor Responsible for Coordinating with Property Owner)	LS	1	\$ 7,177.00	\$ 7,177.00	\$ 1,750.00	\$ 1,750.00	\$ 5,610.00	\$ 5,610.00
2.	Remove & Replace Existing Gravel Driveway Sections (Reuse removed gravel for new gravel driveway section)	SY	92	\$ 25.65	\$ 2,359.80	\$ 35.00	\$ 3,220.00	\$ 11.22	\$ 1,032.24
3.	Remove Existing Barb Wire Fence - Haul Offsite	LF	733	\$ 1.55	\$ 1,136.15	\$ 1.50	\$ 1,099.50	\$ 2.24	\$ 1,641.92
4.	Site Stripping & Demucking - Overflow Pond (Haul Offsite at Contractor's Discretion)	LS	1	\$ 1,640.00	\$ 1,640.00	\$ 15,000.00	\$ 15,000.00	\$ 8,371.24	\$ 8,371.24
5.	Site Stripping & Demucking - Maple Ridge Place 4 (Stockpile at rear of lots & spread across site after final grading)	LS	1	\$ 3,794.00	\$ 3,794.00	\$ 9,000.00	\$ 9,000.00	\$ 6,171.00	\$ 6,171.00
6.	Site Stripping & Demucking - Maple Ridge Place 5 (Stockpile at rear of lots & spread across site after final grading)	LS	1	\$ 3,178.00	\$ 3,178.00	\$ 9,000.00	\$ 9,000.00	\$ 6,171.00	\$ 6,171.00
7.	Site Stripping & Demucking - Maple Ridge Place 6 (Stockpile at rear of lots & spread across site after final grading)	LS	1	\$ 5,229.00	\$ 5,229.00	\$ 9,000.00	\$ 9,000.00	\$ 6,171.00	\$ 6,171.00
8.	Exist. Swale Stripping & Demucking -	LS	1	\$ 11,278.00	\$ 11,278.00	\$ 1,200.00	\$ 1,200.00	\$ 1,683.00	\$ 1,683.00
Sub-Total Demolition, Clearing & Grubbing					\$ 35,791.95		\$ 49,269.50		\$ 36,851.40
<b><u>POND CONSTRUCTION</u></b>									
1.	Detention Excavation - Spread & Compact on Designated Lots within Maple Ridge Place 4, 5 & 6 (Incl. Excavation, Embankment & Compaction) (Compact to 95% std. proctor)	CY	44,168	\$ 4.10	\$ 181,088.80	\$ 4.65	\$ 205,381.20	\$ 5.51	\$ 243,365.68
2.	24" CGMP Outfall Pipe (All Cuts)	LF	107	\$ 57.35	\$ 6,136.45	\$ 46.00	\$ 4,922.00	\$ 59.02	\$ 6,315.14
3.	Galvanized Metal Flap Gate for 24" CGMP (Complete in place)	EA	1	\$ 1,897.00	\$ 1,897.00	\$ 1,800.00	\$ 1,800.00	\$ 2,748.90	\$ 2,748.90

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4.	5" Reinforced Concrete Overflow Structure	SY	462	\$ 71.80	\$ 33,171.60	\$ 56.00	\$ 25,872.00	\$ 61.71	\$ 28,510.02
5.	Install 18" Thick Rip Rap (Incl. Filter Fabric, Backfill & Compaction per HCFCO Specs.)	SY	84	\$ 30.75	\$ 2,583.00	\$ 45.00	\$ 3,780.00	\$ 50.49	\$ 4,241.16
6.	Backslope Interceptor Structure Incl. 24" CGMP & 5" Reinforced Concrete Splash Pad (Complete in place)	EA	2	\$ 5,127.00	\$ 10,254.00	\$ 3,100.00	\$ 6,200.00	\$ 6,024.02	\$ 12,048.04
7.	Backslope Interceptor Swale (Any Additional Cut Material to be Hauled to Maple Ridge Place 4, 5 & 6 lots & Compacted to 95% Std. Proctor)	LF	1,291	\$ 2.55	\$ 3,292.05	\$ 3.00	\$ 3,873.00	\$ 4.26	\$ 5,499.66
8.	Fill & Regrade Existing Backslope Interceptor Swale	LF	60	\$ 9.25	\$ 555.00	\$ 2.50	\$ 150.00	\$ 12.12	\$ 727.20
9.	OSHA Trench Safety System	LF	107	\$ 0.10	\$ 10.70	\$ 1.00	\$ 107.00	\$ 0.90	\$ 96.30
10.	Barb Wire Fence Around Site Perimeter	LF	1,430	\$ 2.55	\$ 3,646.50	\$ 6.00	\$ 8,580.00	\$ 4.49	\$ 6,420.70
11.	Pond Seeding - Dry Application per HCFCO Specs. (Seed All Disturbed Areas)	AC	4.50	\$ 1,692.00	\$ 7,614.00	\$ 1,750.00	\$ 7,875.00	\$ 2,311.32	\$ 10,400.94
Sub-Total Pond Construction					\$ 250,249.10		\$ 268,540.20		\$ 320,373.74
<b>Total Base Bid</b>					\$ 732,190.30		\$ 823,367.55		\$ 860,967.13
<b>TOTAL BID</b>					<b>\$732,190.30</b>		<b>\$823,367.55</b>		<b>\$860,967.13</b>
<b>CALENDAR DAYS</b>					<b>75</b>		<b>110</b>		<b>90</b>
<b>ADDITIONAL BIDS:</b>				Jaho, Inc. \$862,271.41 90 Calendar Days Bay Utilities LLC \$947,377.80 130 Calendar Days Burnside Services \$1,020,247.76 100 Calendar Days					