

# MEMORANDUM

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**To:** Mayor and City Council  
**From:** Douglas B. Roesler, P.E.  
**Date:** September 20, 2007  
**Subject:** C.R. 220 Water Line

Attached is the Bid Tabulation for the referenced project. We recommend that the City award the Contract to the low bidder, Matula & Matula Construction for the reduced bid amount of \$268,812.87.

Matula and Matula Construction's original bid amount is \$307,611.12. We have made the following changes to bring the project closer to the budgeted amount.

1. Reduced Boring Casing for 12" Waterline to omit casing under County Road 220 near Jamison Boulevard.
2. Change the 12" Waterline to an 8" Waterline along the west side of C.R.288.
3. Reduced the number of 12" Gate Valves from 9 to 4.
4. Delete Welded Steel Casing for 12" Waterline (Open Cut) at County Road 220 near Jamison Boulevard.

Bid Tabulations  
County Road 220 12" Water Line  
City of Angleton

Item	Spec	Description	Unit	Quantity	Matula & Matula		Direct Boring & Underground	
					Unit Price	Extension	Unit Price	Extension
1	2	Clearing and Grubbing Easement	AC	0.32	\$2,500.00	\$800.00	\$10,073.25	\$3,223.44
2	12	Removing Existing Base	S.Y.	41.77	\$3.15	\$131.58	\$22.39	\$935.23
3	12	Removing Existing Base & Surfacing	S.Y.	10.66	\$3.15	\$33.58	\$22.39	\$238.68
4	33	Flexible Base (Crushed Concrete)	S.Y.	57.77	\$14.50	\$837.67	\$33.58	\$1,939.92
5	51	Prime Coat	Gal	4	\$8.00	\$32.00	\$27.98	\$111.92
6	60	Saw Cut HMAC (3" Deep)	L.F.	64	\$5.00	\$320.00	\$4.37	\$279.68
7	60	Hot-Mix Asphaltic Concrete (1" - Surf.)	S.Y.	14.22	\$17.50	\$248.85	\$139.91	\$1,989.52
8	93	Wellpointing for Ditch 7 Crossing	L.F.	300	\$32.00	\$9,600.00	\$27.98	\$8,394.00
9	95	Boring Casing for 12" Waterline (Incl Waterline Pipe & Casing Pip	L.F.	170	\$231.00	\$39,270.00	\$400.36	\$68,061.20
10	95	Boring for 12" Waterline (Incl Waterline Pipe)(at Ditch 7 Crossing)	L.F.	320	\$91.00	\$29,120.00	\$400.36	\$128,115.20
11	95	Boring for 12" Waterline (Incl Waterline Pipe)	L.F.	365	\$64.60	\$23,579.00	\$82.07	\$29,955.55
12	111	Welded Steel Casing for 12" Waterline (Open Cut)	L.F.	90	\$65.00	\$5,850.00	\$64.92	\$5,842.80
13	111	12" Water Main	L.F.	6,530	\$22.15	\$144,639.50	\$29.05	\$189,696.50
14	111	Fitting	Ton	0.811	\$2,958.00	\$2,398.94	\$5,036.63	\$4,084.71
15	111	Wet Connection for 8" and 12" Waterline	EA.	2	\$715.00	\$1,430.00	\$3,084.65	\$6,169.30
16	115	8" Gate Valve w/ Box	EA.	1	\$1,200.00	\$1,200.00	\$680.50	\$680.50
17	115	12" Gate Valve w/ Box	EA.	9	\$1,550.00	\$13,950.00	\$1,298.33	\$11,684.97
18	118	Pressure Sustaining Valve	EA.	1	\$9,350.00	\$9,350.00	\$6,155.88	\$6,155.88
19	120	Barbed Wire Fence (4 Strand)	L.F.	760	\$4.25	\$3,230.00	\$3.87	\$2,941.20
20	400	Deep Trench Construction (5'-7' Deep)	L.F.	6,310	\$1.00	\$6,310.00	\$0.56	\$3,533.60
21	400	Deep Trench Construction (over 7' Deep)	L.S.	280	\$1.00	\$280.00	\$1.12	\$313.60
22	1000	General Conditions	L.S.	1	\$9,800.00	\$9,800.00	\$1,119.25	\$1,119.25
23	2000	Storm Water Pollution Prevention Plan	L.S.	1	\$5,200.00	\$5,200.00	\$19,217.52	\$19,217.52
TOTAL AMOUNT OF BID					\$307,611.12		\$494,684.16	
# of Calendar Days					90		80	

Revised Bid  
 County Road 220 12" Water Line  
 City of Angleton

Item	Spec	Description	Unit	Quantity	Unit Price	Extension
1	2	Clearing and Grubbing Easement	AC	0.32	\$2,500.00	\$800.00
2	12	Removing Existing Base	S.Y.	41.77	\$3.15	\$131.58
3	12	Removing Existing Base & Surfacing	S.Y.	10.66	\$3.15	\$33.58
4	33	Flexible Base (Crushed Concrete)	S.Y.	57.77	\$14.50	\$837.67
5	51	Prime Coat	Gal	4	\$8.00	\$32.00
6	60	Saw Cut HMAC (3" Deep)	L.F.	64	\$5.00	\$320.00
7	60	Hot-Mix Asphaltic Concrete (1" - Surf.)	S.Y.	14.22	\$17.50	\$248.85
8	93	Wellpointing for Ditch 7 Crossing	L.F.	300	\$32.00	\$9,600.00
9	95	Boring Casing for 12" Waterline (Incl Waterline Pipe & Casing Pip	L.F.	90	\$231.00	\$20,790.00
10	95	Boring for 12" Waterline (Incl Waterline Pipe)(at Ditch 7 Crossing)	L.F.	320	\$91.00	\$29,120.00
11	95	Boring for 12" Waterline (Incl Waterline Pipe)	L.F.	365	\$64.60	\$23,579.00
12	111	8" Water Main	L.F.	1745	\$18.30	\$31,933.50
13	111	12" Water Main	L.F.	4,785	\$22.15	\$105,987.75
14	111	Fitting	Ton	0.811	\$2,958.00	\$2,398.94
15	111	Wet Connection for 8" and 12" Waterline	EA.	2	\$715.00	\$1,430.00
16	115	8" Gate Valve w/ Box	EA.	1	\$1,200.00	\$1,200.00
17	115	12" Gate Valve w/ Box	EA.	4	\$1,550.00	\$6,200.00
18	118	Pressure Sustaining Valve	EA.	1	\$9,350.00	\$9,350.00
19	120	Barbed Wire Fence (4 Strand)	L.F.	760	\$4.25	\$3,230.00
20	400	Deep Trench Construction (5'-7' Deep)	L.F.	6,310	\$1.00	\$6,310.00
21	400	Deep Trench Construction (over 7' Deep)	L.F.	280	\$1.00	\$280.00
22	1000	General Conditions	L.S.	1	\$9,800.00	\$9,800.00
23	2000	Storm Water Pollution Prevention Plan	L.S.	1	\$5,200.00	\$5,200.00
TOTAL AMOUNT OF BID						\$268,812.87
# of Calendar Days						90