HDR | CLAUNCH & MILLER
Engineering Consultants

January 26, 2011

Mr. John Lothrop
City of League City
305 East Main Street
League City, Texas 77573

Re: Houston Avenue Paving, Drainage, and Utility Improvements Project
City of League City
HDR|C&M Job No. 10-019

Dear Mr. Lothrop:

On January 11, 2011, the City received six (6) bids for the above referenced project. The following is a summary of our bid evaluation:

Bid Tabulation Sheet – Six (6) construction firms participated in the bidding process. Each bid was checked for mathematical errors and/or bid irregularities. David Wight Construction Co., Ltd.'s bid was deemed irregular and was not considered. Errors were discovered in Matula & Matula Construction, Inc., SER Construction Partners, Ltd., and James Construction Group, L.L.C.'s bid. Appropriate corrections to the errors were made and included in the attached bid tabulation. The bids for the project are as follows:

	Contractor	Total Project
1	Matula & Matula Construction, Inc.	$2,399,298.18
2	Reytec Construction Resources, Inc.	$2,533,065.00
3	Metro City Construction, L.P.	$2,533,366.00
4	SER Construction Partners, Ltd.	$2,576,489.00
5	James Construction Group, L.L.C.	$2,933,995.50

A copy of the bid tabulation is attached. Matula & Matula Construction, Inc. provided the City with a financial statement and qualification statement.

HDR|C&M contacted references from Matula & Matula Construction, Inc. to verify their performance for previous projects of similar nature. We were informed the work performed by Matula & Matula Construction, Inc. was satisfactory and met their expectations. Matula & Matula Construction, Inc. has also performed a water line replacement project for the City of League City and has done satisfactory work on the project. Matula & Matula Construction, Inc. appears to be a responsible firm that is capable of performing the specified work in a satisfactory manner.

HDR Engineering, Inc.
Texas Registered Engineering Firm F-754

4635 Southwest Freeway
Suite 1000
Houston, TX 77027-7139

Phone: (713) 622-9264
Fax: (713) 622-9265
www.hdrinc.com

HDR|C&M spoke with a representative of Matula & Matula Construction, Inc. and discussed the project requirements and expectations. Matula & Matula Construction, Inc.'s representative indicated that they are familiar with the project requirements and have substantial experience in the type of work to be performed on this Houston Avenue Project.

For these reasons, we recommend that the City of League City award the Houston Avenue Paving, Drainage, and Utility Improvements Project to Matula & Matula Construction, Inc. for a total amount of $2,399,298.18.

If you have any questions, please contact me.

Sincerely,

HDR|CLAUNCH & MILLER

Madhu Kilambi

Madhu Kilambi, P.E.
Senior Project Manager

MK/dwb

Cc: Mr. Rick Oller, P.E. – City of League City
Mr. Jack Murphy, P.E. – City of League City

Houston Avenue Paving, Drainage, and Utility Improvements Project

				LOW BIDDER											
				MATULA & MATULA		REYTEC CONSTRUCTION		METRO CITY CONSTRUCTION		SER CONSTRUCTION		JAMES CONSTRUCTION	
ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
PAVING ITEMS													
1	Traffic Control and Regulation	L.S.	1	$ 108,220.69	$ 108,220.69	$ 75,000.00	$ 75,000.00	$ 65,000.00	$ 65,000.00	$ 40,000.00	$ 40,000.00	$ 30,000.00	$ 30,000.00
2	Black Base (installed in 4" lifts) for temporary pavement	TON	1,400	$ 79.17	$ 110,838.00	$ 73.00	$ 102,200.00	$ 61.00	$ 85,400.00	$ 90.00	$ 126,000.00	$ 80.00	$ 112,000.00
3	Preparation of ROW	STA.	35	$ 2,078.20	$ 72,737.00	$ 1,700.00	$ 59,500.00	$ 700.00	$ 24,500.00	$ 4,500.00	$ 157,500.00	$ 1,000.00	$ 35,000.00
4	Remove and dispose of existing asphaltic pavement	S.Y.	14,500	$ 1.78	$ 25,810.00	$ 0.50	$ 7,250.00	$ 2.00	$ 29,000.00	$ 3.00	$ 43,500.00	$ 2.20	$ 31,900.00
5	7" thick reinforced concrete pavement	S.Y.	12,250	$ 31.63	$ 387,467.50	$ 30.00	$ 367,500.00	$ 39.00	$ 477,750.00	$ 31.00	$ 379,750.00	$ 35.00	$ 428,750.00
6	6" lime stabilized subgrade	S.Y.	17,800	$ 4.76	$ 84,728.00	$ 4.60	$ 81,880.00	$ 2.00	$ 35,600.00	$ 5.00	$ 89,000.00	$ 6.70	$ 119,260.00
7	HMAC Type D Surface	TON	500	$ 76.17	$ 38,085.00	$ 70.00	$ 35,000.00	$ 73.00	$ 36,500.00	$ 100.00	$ 50,000.00	$ 75.00	$ 37,500.00
8	Black Base (installed in 4" lifts)	TON	1,700	$ 73.17	$ 124,389.00	$ 67.00	$ 113,900.00	$ 70.00	$ 119,000.00	$ 80.00	$ 136,000.00	$ 73.00	$ 124,100.00
9	Remove and replace asphalt driveway	S.Y.	750	$ 19.67	$ 14,752.50	$ 31.00	$ 23,250.00	$ 17.00	$ 12,750.00	$ 33.00	$ 24,750.00	$ 20.00	$ 15,000.00
10	Remove and replace 6-inch thick concrete driveway	S.Y.	4,300	$ 39.91	$ 171,613.00	$ 35.00	$ 150,500.00	$ 50.00	$ 215,000.00	$ 37.00	$ 159,100.00	$ 48.00	$ 206,400.00
11	Remove existing sidewalk	S.Y.	100	$ 1.68	$ 168.00	$ 3.00	$ 300.00	$ 2.00	$ 200.00	$ 7.00	$ 700.00	$ 2.50	$ 250.00
12	4" thick concrete sidewalk	S.Y.	2,800	$ 30.54	$ 85,512.00	$ 34.00	$ 95,200.00	$ 45.00	$ 126,000.00	$ 33.00	$ 92,400.00	$ 45.00	$ 126,000.00
13	Wheelchair ramp	S.Y.	250	$ 41.91	$ 10,477.50	$ 97.00	$ 24,250.00	$ 45.00	$ 11,250.00	$ 45.00	$ 11,250.00	$ 72.00	$ 18,000.00
14	6" concrete curb	L.F.	6,800	$ 2.24	$ 15,232.00	$ 9.00	$ 61,200.00	$ 2.00	$ 13,600.00	$ 2.00	$ 13,600.00	$ 2.00	$ 13,600.00
15	6" monolithic curb and gutter	L.F.	1,800	$ 13.30	$ 23,940.00	$ 13.00	$ 23,400.00	$ 15.00	$ 27,000.00	$ 26.00	$ 46,800.00	$ 14.00	$ 25,200.00
16	Concrete paving header	L.F.	410	$ 9.78	$ 4,009.80	$ 9.00	$ 3,690.00	$ 6.00	$ 2,460.00	$ 6.00	$ 2,460.00	$ 15.00	$ 6,150.00
17	Adjust existing sanitary sewer manhole to grade	EA.	15	$ 931.82	$ 13,977.30	$ 1,000.00	$ 15,000.00	$ 500.00	$ 7,500.00	$ 168.00	$ 2,520.00	$ 950.00	$ 14,250.00
18	Remove and replace existing brick mailbox	EA.	1	$ 959.62	$ 959.62	$ 650.00	$ 650.00	$ 100.00	$ 100.00	$ 500.00	$ 500.00	$ 800.00	$ 800.00
19	Type I reflective pavement markings, 4" yellow	L.F.	1,000	$ 0.84	$ 840.00	$ 0.80	$ 800.00	$ 0.40	$ 400.00	$ 1.00	$ 1,000.00	$ 0.75	$ 750.00
20	Type I reflective pavement markings, 4" white	L.F.	1,000	$ 0.84	$ 840.00	$ 0.80	$ 800.00	$ 0.40	$ 400.00	$ 1.00	$ 1,000.00	$ 0.75	$ 750.00
21	Type II reflective pavement markings, 4" red	L.F.	500	$ 0.78	$ 390.00	$ 0.70	$ 350.00	$ 0.40	$ 200.00	$ 1.00	$ 500.00	$ 0.70	$ 350.00
22	Type I reflective pavement markings, 12" white	L.F.	1,500	$ 4.20	$ 6,300.00	$ 4.00	$ 6,000.00	$ 3.00	$ 4,500.00	$ 3.00	$ 4,500.00	$ 3.80	$ 5,700.00
23	Type I reflective pavement markings, 24" white	L.F.	300	$ 8.40	$ 2,520.00	$ 8.00	$ 2,400.00	$ 6.00	$ 1,800.00	$ 6.00	$ 1,800.00	$ 7.50	$ 2,250.00
24	Prefabricated pavement markings, Accessible Parking Symbol	EA.	2	$ 272.29	$ 544.58	$ 250.00	$ 500.00	$ 175.00	$ 350.00	$ 200.00	$ 400.00	$ 250.00	$ 500.00
25	Provide and install traffic sign, "Reserved Parking"	EA.	2	$ 269.89	$ 539.78	$ 250.00	$ 500.00	$ 400.00	$ 800.00	$ 450.00	$ 900.00	$ 240.00	$ 480.00
26	1-1/4" PVC Conduit (Schd 80)	L.F.	7	$ 16.61	$ 116.27	$ 9.00	$ 63.00	$ 13.00	$ 91.00	$ 9.00	$ 63.00	$ 12.00	$ 84.00
27	2" PVC Conduit (Schd 80)	L.F.	150	$ 10.50	$ 1,575.00	$ 11.00	$ 1,650.00	$ 16.00	$ 2,400.00	$ 11.00	$ 1,650.00	$ 15.00	$ 2,250.00
28	Ground Box Type D (162922)	EA.	2	$ 689.72	$ 1,379.44	$ 950.00	$ 1,900.00	$ 1,000.00	$ 2,000.00	$ 970.00	$ 1,940.00	$ 950.00	$ 1,900.00
29	Traffic signal cable (Type C) (14 AWG) (2 Condr)	L.F.	280	$ 1.20	$ 336.00	$ 1.10	$ 308.00	$ 4.00	$ 1,120.00	$ 1.00	$ 280.00	$ 3.30	$ 924.00
30	Vehicle loop detector	L.F.	355	$ 8.64	$ 3,067.20	$ 12.40	$ 4,402.00	$ 14.00	$ 4,970.00	$ 13.00	$ 4,615.00	$ 13.50	$ 4,792.50
31	Project identification sign	EA.	1	$ 887.64	$ 887.64	$ 700.00	$ 700.00	$ 700.00	$ 700.00	$ 735.00	$ 735.00	$ 1,000.00	$ 1,000.00
	TOTAL PAVING ITEMS:				**$ 1,312,252.82**		**$ 1,260,043.00**		**$ 1,308,341.00**		**$ 1,395,213.00**		**$ 1,365,890.50**
DRAINAGE ITEMS													
32	Remove and dispose of existing inlets	EA.	17	$ 565.02	$ 9,605.34	$ 100.00	$ 1,700.00	$ 120.00	$ 2,040.00	$ 270.00	$ 4,590.00	$ 440.00	$ 7,480.00
33	Remove and dispose of existing concrete flumes and driveway culvert headwalls	EA.	15	$ 562.77	$ 8,441.55	$ 100.00	$ 1,500.00	$ 120.00	$ 1,800.00	$ 250.00	$ 3,750.00	$ 1,400.00	$ 21,000.00
34	Remove and dispose of existing storm sewer manhole	EA.	1	$ 924.87	$ 924.87	$ 170.00	$ 170.00	$ 200.00	$ 200.00	$ 270.00	$ 270.00	$ 520.00	$ 520.00
35	Remove and dispose of existing storm sewer and culverts	L.F.	3,000	$ 8.91	$ 26,730.00	$ 8.00	$ 24,000.00	$ 6.00	$ 18,000.00	$ 7.00	$ 21,000.00	$ 17.20	$ 51,600.00
36	12" RCP, ASTM C76, Class III storm sewer	L.F.	33	$ 31.25	$ 1,031.25	$ 42.00	$ 1,386.00	$ 45.00	$ 1,485.00	$ 38.00	$ 1,254.00	$ 71.00	$ 2,343.00
37	18" RCP, ASTM C76, Class III storm sewer	L.F.	83	$ 47.35	$ 3,930.05	$ 48.00	$ 3,984.00	$ 50.00	$ 4,150.00	$ 41.00	$ 3,403.00	$ 73.00	$ 6,059.00
38	24" RCP, ASTM C76, Class III storm sewer	L.F.	1,346	$ 39.98	$ 53,813.08	$ 62.00	$ 83,452.00	$ 58.00	$ 78,068.00	$ 57.00	$ 76,722.00	$ 86.00	$ 115,756.00
39	30" RCP, ASTM C76, Class III storm sewer	L.F.	385	$ 48.90	$ 18,826.50	$ 84.00	$ 32,340.00	$ 60.00	$ 23,100.00	$ 66.00	$ 25,410.00	$ 88.00	$ 33,880.00
40	36" RCP, ASTM C76, Class III storm sewer	L.F.	341	$ 62.74	$ 21,394.34	$ 120.00	$ 40,920.00	$ 80.00	$ 27,280.00	$ 84.00	$ 28,644.00	$ 100.00	$ 34,100.00
41	42" RCP, ASTM C76, Class III storm sewer	L.F.	416	$ 68.06	$ 28,312.96	$ 100.00	$ 41,600.00	$ 85.00	$ 35,360.00	$ 100.00	$ 41,600.00	$ 130.00	$ 54,080.00
42	48" RCP, ASTM C76, Class III storm sewer	L.F.	360	$ 76.66	$ 27,597.60	$ 125.00	$ 45,000.00	$ 110.00	$ 39,600.00	$ 124.00	$ 44,640.00	$ 142.00	$ 51,120.00
43	4'x4' RCB, ASTM C1433, Class III storm sewer	L.F.	607	$ 145.84	$ 88,524.88	$ 160.00	$ 97,120.00	$ 160.00	$ 97,120.00	$ 163.00	$ 98,941.00	$ 210.00	$ 127,470.00
44	5'x4' RCB, ASTM C1433, Class III storm sewer	L.F.	620	$ 205.23	$ 127,242.60	$ 200.00	$ 124,000.00	$ 200.00	$ 124,000.00	$ 210.00	$ 130,200.00	$ 250.00	$ 155,000.00
45	4' x 4' shallow storm sewer box manhole as per detail	EA.	2	$ 2,340.31	$ 4,680.62	$ 3,500.00	$ 7,000.00	$ 1,800.00	$ 3,600.00	$ 1,350.00	$ 2,700.00	$ 2,200.00	$ 4,400.00
46	4' x 4' precast manhole	EA.	3	$ 2,928.07	$ 8,784.21	$ 2,900.00	$ 8,700.00	$ 2,400.00	$ 7,200.00	$ 2,000.00	$ 6,000.00	$ 3,000.00	$ 9,000.00
47	5' x 5' precast manhole	EA.	2	$ 3,623.79	$ 7,247.58	$ 3,600.00	$ 7,200.00	$ 2,900.00	$ 5,800.00	$ 3,600.00	$ 7,200.00	$ 3,500.00	$ 7,000.00

Houston Avenue Paving, Drainage, and Utility Improvements Project

				LOW BIDDER											
				MATULA & MATULA		REYTEC CONSTRUCTION		METRO CITY CONSTRUCTION		SER CONSTRUCTION		JAMES CONSTRUCTION	
ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
48	6' x 6' precast manhole	EA.	4	$ 5,611.41	$ 22,445.64	$ 5,400.00	$ 21,600.00	$ 5,800.00	$ 23,200.00	$ 4,000.00	$ 16,000.00	$ 5,000.00	$ 20,000.00
49	6' x 6' conflict storm manhole junction box #A-13B	EA.	1	$ 9,936.99	$ 9,936.99	$ 7,100.00	$ 7,100.00	$ 7,800.00	$ 7,800.00	$ 4,600.00	$ 4,600.00	$ 10,000.00	$ 10,000.00
50	Type "C" Inlet	EA.	24	$ 2,307.90	$ 55,389.60	$ 2,300.00	$ 55,200.00	$ 1,700.00	$ 40,800.00	$ 900.00	$ 21,600.00	$ 2,500.00	$ 60,000.00
51	Modified Type "C" Inlet installed on reinforced concrete box culvert	EA.	5	$ 1,855.45	$ 9,277.25	$ 1,750.00	$ 8,750.00	$ 1,200.00	$ 6,000.00	$ 1,500.00	$ 7,500.00	$ 2,000.00	$ 10,000.00
52	Modified Type "C" Inlet installed on 5'x5' precast junction box	EA.	3	$ 1,855.45	$ 5,566.35	$ 4,200.00	$ 12,600.00	$ 1,200.00	$ 3,600.00	$ 1,500.00	$ 4,500.00	$ 2,000.00	$ 6,000.00
53	Modified Type "BB" Inlet	EA.	1	$ 2,095.36	$ 2,095.36	$ 2,000.00	$ 2,000.00	$ 1,400.00	$ 1,400.00	$ 1,600.00	$ 1,600.00	$ 2,000.00	$ 2,000.00
54	Type "A" Inlet	EA.	2	$ 2,085.99	$ 4,171.98	$ 1,950.00	$ 3,900.00	$ 1,500.00	$ 3,000.00	$ 1,700.00	$ 3,400.00	$ 2,000.00	$ 4,000.00
55	Type "E" Inlet	EA.	3	$ 2,527.18	$ 7,581.54	$ 2,400.00	$ 7,200.00	$ 1,900.00	$ 5,700.00	$ 2,100.00	$ 6,300.00	$ 2,300.00	$ 6,900.00
56	5" thick concrete slope paving at "E" Inlet	S.Y.	25	$ 61.85	$ 1,546.25	$ 40.00	$ 1,000.00	$ 70.00	$ 1,750.00	$ 52.00	$ 1,300.00	$ 55.00	$ 1,375.00
57	Trench safety for all storm sewers greater than 5' deep	L.F.	4,191	$ 2.00	$ 8,382.00	$ 2.00	$ 8,382.00	$ 2.00	$ 8,382.00	$ 2.00	$ 8,382.00	$ 2.00	$ 8,382.00
58	Concrete outfall structure	L.S.	1	$ 20,150.32	$ 20,150.32	$ 16,700.00	$ 16,700.00	$ 22,000.00	$ 22,000.00	$ 20,000.00	$ 20,000.00	$ 40,000.00	$ 40,000.00
59	Grade drainage ditch	L.F.	700	$ 11.30	$ 7,910.00	$ 13.00	$ 9,100.00	$ 6.00	$ 4,200.00	$ 5.00	$ 3,500.00	$ 3.00	$ 2,100.00
60	Provide and install Trash Trooper	EA.	1	$ 23,759.27	$ 23,759.27	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 25,000.00	$ 25,000.00
61	Inlet protection barrier	EA.	65	$ 47.98	$ 3,118.70	$ 85.00	$ 5,525.00	$ 46.00	$ 2,990.00	$ 100.00	$ 6,500.00	$ 70.00	$ 4,550.00
62	Rock filter dam	EA.	1	$ 223.11	$ 223.11	$ 500.00	$ 500.00	$ 600.00	$ 600.00	$ 500.00	$ 500.00	$ 800.00	$ 800.00
63	Filter fabric fence	L.F.	400	$ 1.06	$ 424.00	$ 1.60	$ 640.00	$ 1.00	$ 400.00	$ 2.00	$ 800.00	$ 1.30	$ 520.00
64	Reinforced filter fabric fence	L.F.	750	$ 1.32	$ 990.00	$ 2.00	$ 1,500.00	$ 2.00	$ 1,500.00	$ 3.00	$ 2,250.00	$ 1.50	$ 1,125.00
	TOTAL DRAINAGE ITEMS:				**$ 620,055.79**		**$ 701,769.00**		**$ 622,125.00**		**$ 625,056.00**		**$ 883,560.00**
WATER LINE ITEMS													
65	2" PVC (SDR 21) Class 200, water line,	L.F.	100	$ 7.06	$ 706.00	$ 19.00	$ 1,900.00	$ 20.00	$ 2,000.00	$ 12.00	$ 1,200.00	$ 38.80	$ 3,880.00
66	6" PVC (AWWA C-900) Class 150, water line	L.F.	80	$ 27.47	$ 2,197.60	$ 36.00	$ 2,880.00	$ 30.00	$ 2,400.00	$ 52.00	$ 4,160.00	$ 55.50	$ 4,440.00
67	8" PVC (AWWA C-900) Class 150, water line	L.F.	4,500	$ 16.48	$ 74,160.00	$ 32.00	$ 144,000.00	$ 39.50	$ 177,750.00	$ 33.00	$ 148,500.00	$ 52.30	$ 235,350.00
68	2-inch Gate valves, AWWA C509	EA.	2	$ 402.04	$ 804.08	$ 664.00	$ 1,328.00	$ 600.00	$ 1,200.00	$ 380.00	$ 760.00	$ 660.00	$ 1,320.00
69	8-inch Gate valves, AWWA C509	EA.	29	$ 1,019.31	$ 29,559.99	$ 1,250.00	$ 36,250.00	$ 1,300.00	$ 37,700.00	$ 1,000.00	$ 29,000.00	$ 1,330.00	$ 38,570.00
70	Fire hydrant assembly, AWWA C502	EA.	8	$ 3,140.62	$ 25,124.96	$ 3,350.00	$ 26,800.00	$ 2,600.00	$ 20,800.00	$ 3,000.00	$ 24,000.00	$ 2,450.00	$ 19,600.00
71	End of line line fire hydrant, AWWA C502	EA.	3	$ 3,036.26	$ 9,108.78	$ 3,300.00	$ 9,900.00	$ 2,800.00	$ 8,400.00	$ 3,200.00	$ 9,600.00	$ 2,960.00	$ 8,880.00
72	Remove and salvage existing fire hydrant and valve	EA.	2	$ 119.69	$ 239.38	$ 195.00	$ 390.00	$ 110.00	$ 220.00	$ 140.00	$ 280.00	$ 600.00	$ 1,200.00
73	Abandon existing valves	EA.	8	$ 71.82	$ 574.56	$ 150.00	$ 1,200.00	$ 300.00	$ 2,400.00	$ 100.00	$ 800.00	$ 230.00	$ 1,840.00
74	2" wet connection	EA.	5	$ 263.56	$ 1,317.80	$ 300.00	$ 1,500.00	$ 500.00	$ 2,500.00	$ 150.00	$ 750.00	$ 450.00	$ 2,250.00
75	6" wet connection	EA.	4	$ 588.00	$ 2,352.00	$ 1,000.00	$ 4,000.00	$ 700.00	$ 2,800.00	$ 440.00	$ 1,760.00	$ 920.00	$ 3,680.00
76	8" wet connection	EA.	3	$ 634.83	$ 1,904.49	$ 1,050.00	$ 3,150.00	$ 900.00	$ 2,700.00	$ 635.00	$ 1,905.00	$ 760.00	$ 2,280.00
77	10"x8" tapping sleeve and valve with box	EA.	1	$ 4,527.54	$ 4,527.54	$ 4,300.00	$ 4,300.00	$ 3,500.00	$ 3,500.00	$ 2,000.00	$ 2,000.00	$ 5,600.00	$ 5,600.00
78	8"x8" tapping sleeve and valve with box	EA.	1	$ 3,358.01	$ 3,358.01	$ 3,100.00	$ 3,100.00	$ 3,400.00	$ 3,400.00	$ 1,900.00	$ 1,900.00	$ 4,200.00	$ 4,200.00
79	8" plug with 2" tap	EA.	4	$ 153.01	$ 612.04	$ 300.00	$ 1,200.00	$ 300.00	$ 1,200.00	$ 150.00	$ 600.00	$ 90.00	$ 360.00
80	Cut and plug existing 2" water line to be abandoned	EA.	3	$ 72.52	$ 217.56	$ 85.00	$ 255.00	$ 100.00	$ 300.00	$ 100.00	$ 300.00	$ 300.00	$ 900.00
81	Cut and plug existing 6" water line to be abandoned	EA.	4	$ 129.39	$ 517.56	$ 230.00	$ 920.00	$ 200.00	$ 800.00	$ 150.00	$ 600.00	$ 270.00	$ 1,080.00
82	Cut and plug existing 8" water line to be abandoned	EA.	3	$ 148.98	$ 446.94	$ 240.00	$ 720.00	$ 200.00	$ 600.00	$ 220.00	$ 660.00	$ 93.00	$ 279.00
83	1" single short side service reconnection	EA.	11	$ 422.38	$ 4,646.18	$ 340.00	$ 3,740.00	$ 600.00	$ 6,600.00	$ 370.00	$ 4,070.00	$ 900.00	$ 9,900.00
84	1" single long side service reconnection	EA.	19	$ 544.76	$ 10,350.44	$ 540.00	$ 10,260.00	$ 800.00	$ 15,200.00	$ 700.00	$ 13,300.00	$ 1,240.00	$ 23,560.00
85	Trench safety for all water line greater than 5' deep	L.F.	3,000	$ 2.00	$ 6,000.00	$ 2.00	$ 6,000.00	$ 2.00	$ 6,000.00	$ 2.00	$ 6,000.00	$ 2.00	$ 6,000.00
	TOTAL WATER LINE ITEMS:				**$ 178,725.91**		**$ 263,793.00**		**$ 298,470.00**		**$ 252,145.00**		**$ 375,169.00**
SANITARY SEWER ITEMS:													
86	Remove and dispose of existing sanitary sewer	LF	80	$ 7.50	$ 600.00	$ 20.00	$ 1,600.00	$ 5.00	$ 400.00	$ 15.00	$ 1,200.00	$ 35.20	$ 2,816.00
87	Remove and replace 8" PVC SDR 26 sanitary sewer	L.F.	420	$ 47.40	$ 19,908.00	$ 75.00	$ 31,500.00	$ 35.00	$ 14,700.00	$ 84.00	$ 35,280.00	$ 70.00	$ 29,400.00
88	Prop. 8" PVC SDR 26 sanitary sewer	L.F.	15	$ 47.40	$ 711.00	$ 77.00	$ 1,155.00	$ 100.00	$ 1,500.00	$ 55.00	$ 825.00	$ 101.00	$ 1,515.00
89	Prop. 4' diameter sanitary sewer manhole	EA.	4	$ 2,461.20	$ 9,844.80	$ 3,500.00	$ 14,000.00	$ 3,500.00	$ 14,000.00	$ 1,300.00	$ 5,200.00	$ 2,650.00	$ 10,600.00
90	Remove and replace 4' diameter manhole	EA.	2	$ 2,762.60	$ 5,525.20	$ 3,250.00	$ 6,500.00	$ 3,600.00	$ 7,200.00	$ 2,200.00	$ 4,400.00	$ 4,000.00	$ 8,000.00
91	Prop. manhole core cut w/ drop structure	EA.	1	$ 1,005.70	$ 1,005.70	$ 3,000.00	$ 3,000.00	$ 4,000.00	$ 4,000.00	$ 2,500.00	$ 2,500.00	$ 4,700.00	$ 4,700.00
92	Extra depth manhole	V.F.	10	$ 159.20	$ 1,592.00	$ 200.00	$ 2,000.00	$ 200.00	$ 2,000.00	$ 200.00	$ 2,000.00	$ 165.00	$ 1,650.00
93	Short side service replacement	EA.	5	$ 641.20	$ 3,206.00	$ 980.00	$ 4,900.00	$ 500.00	$ 2,500.00	$ 320.00	$ 1,600.00	$ 1,130.00	$ 5,650.00
94	Trench safety for all sanitary sewers greater than 5' deep	L.F.	435	$ 2.00	$ 870.00	$ 2.00	$ 870.00	$ 2.00	$ 870.00	$ 2.00	$ 870.00	$ 2.00	$ 870.00
	TOTAL SANITARY SEWER ITEMS:				**$ 43,262.70**		**$ 65,525.00**		**$ 47,170.00**		**$ 53,875.00**		**$ 65,201.00**

Houston Avenue Paving, Drainage, and Utility Improvements Project

				LOW BIDDER									
				MATULA & MATULA		REYTEC CONSTRUCTION		METRO CITY CONSTRUCTION		SER CONSTRUCTION		JAMES CONSTRUCTION	
ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
TREE PROTECTION ITEMS:													
95	Remove tree 0" to 11.99"	EA.	9	$ 95.96	$ 863.64	$ 110.00	$ 990.00	$ 200.00	$ 1,800.00	$ 250.00	$ 2,250.00	$ 100.00	$ 900.00
96	Remove Tree 12" to 29.99"	EA.	8	$ 383.85	$ 3,070.80	$ 440.00	$ 3,520.00	$ 475.00	$ 3,800.00	$ 650.00	$ 5,200.00	$ 350.00	$ 2,800.00
97	Remove Tree 30" to 49.99"	EA.	1	$ 1,271.49	$ 1,271.49	$ 660.00	$ 660.00	$ 1,200.00	$ 1,200.00	$ 1,300.00	$ 1,300.00	$ 1,200.00	$ 1,200.00
98	Clearence Prune Tree	EA.	119	$ 67.17	$ 7,993.23	$ 75.00	$ 8,925.00	$ 100.00	$ 11,900.00	$ 140.00	$ 16,660.00	$ 65.00	$ 7,735.00
99	Install tree protection fence	LF	4,770	$ 3.84	$ 18,316.80	$ 2.00	$ 9,540.00	$ 3.00	$ 14,310.00	$ 3.00	$ 14,310.00	$ 3.00	$ 14,310.00
100	Install root pruning	LF	3,470	$ 7.80	$ 27,066.00	$ 8.00	$ 27,760.00	$ 7.00	$ 24,290.00	$ 6.00	$ 20,820.00	$ 7.00	$ 24,290.00
101	Install curb zero cutback	LF	80	$ 17.99	$ 1,439.20	$ 11.00	$ 880.00	$ 12.00	$ 960.00	$ 12.00	$ 960.00	$ 50.00	$ 4,000.00
102	Root Stimulation	EA.	20	$ 23.99	$ 479.80	$ 83.00	$ 1,660.00	$ 150.00	$ 3,000.00	$ 210.00	$ 4,200.00	$ 22.00	$ 440.00
	TOTAL TREE PROTECTION ITEMS:				**$ 60,500.96**		**$ 53,935.00**		**$ 61,260.00**		**$ 65,700.00**		**$ 55,675.00**
SUPPLEMENTAL ITEMS:													
103	Well pointing for storm sewer	L.F.	1,800	$ 20.00	$ 36,000.00	$ 20.00	$ 36,000.00	$ 25.00	$ 45,000.00	$ 20.00	$ 36,000.00	$ 20.00	$ 36,000.00
104	Well pointing for water line or sanitary sewer	L.F.	500	$ 20.00	$ 10,000.00	$ 20.00	$ 10,000.00	$ 25.00	$ 12,500.00	$ 20.00	$ 10,000.00	$ 20.00	$ 10,000.00
105	Wet condition bedding for 48" RCP and smaller storm sewer installation	L.F.	550	$ 5.00	$ 2,750.00	$ 5.00	$ 2,750.00	$ 5.00	$ 2,750.00	$ 5.00	$ 2,750.00	$ 5.00	$ 2,750.00
106	Wet condition bedding for box storm sewer installation	L.F.	1,230	$ 20.00	$ 24,600.00	$ 20.00	$ 24,600.00	$ 20.00	$ 24,600.00	$ 20.00	$ 24,600.00	$ 20.00	$ 24,600.00
107	Wet condition bedding for manhole	EA.	7	$ 500.00	$ 3,500.00	$ 500.00	$ 3,500.00	$ 500.00	$ 3,500.00	$ 500.00	$ 3,500.00	$ 500.00	$ 3,500.00
108	Wet condition bedding for water line or sanitary sewer installation	L.F.	500	$ 5.00	$ 2,500.00	$ 5.00	$ 2,500.00	$ 5.00	$ 2,500.00	$ 5.00	$ 2,500.00	$ 5.00	$ 2,500.00
109	Solid sheet shoring system for storm sewer, sanitary sewer and water line	L.F.	100	$ 20.00	$ 2,000.00	$ 20.00	$ 2,000.00	$ 20.00	$ 2,000.00	$ 20.00	$ 2,000.00	$ 20.00	$ 2,000.00
110	Installation and removal of piezometers	EA.	10	$ 100.00	$ 1,000.00	$ 100.00	$ 1,000.00	$ 100.00	$ 1,000.00	$ 100.00	$ 1,000.00	$ 100.00	$ 1,000.00
111	Install extra cement stabilized sand backfill	C.Y.	200	$ 20.00	$ 4,000.00	$ 20.00	$ 4,000.00	$ 20.00	$ 4,000.00	$ 20.00	$ 4,000.00	$ 20.00	$ 4,000.00
112	Install extra bank sand backfill	C.Y.	20	$ 15.00	$ 300.00	$ 15.00	$ 300.00	$ 15.00	$ 300.00	$ 15.00	$ 300.00	$ 15.00	$ 300.00
113	Extra Type 'D' asphalt pavement	TON	500	$ 60.00	$ 30,000.00	$ 65.00	$ 32,500.00	$ 60.00	$ 30,000.00	$ 60.00	$ 30,000.00	$ 68.00	$ 34,000.00
114	Extra crushed concrete base material	TON	100	$ 25.00	$ 2,500.00	$ 25.00	$ 2,500.00	$ 25.00	$ 2,500.00	$ 25.00	$ 2,500.00	$ 25.00	$ 2,500.00
115	Extra 1.5 sack of cement per cubic yard added to the 6" concrete driveways (total of 7.0 sack/cubic yard)	S.Y.	1,000	$ 3.00	$ 3,000.00	$ 3.00	$ 3,000.00	$ 3.00	$ 3,000.00	$ 3.00	$ 3,000.00	$ 3.00	$ 3,000.00
116	Extra 1.5 sack of cement per cubic yard added to the 7" concrete paving (total of 7.0 sack/cubic yard)	S.Y.	2,500	$ 3.50	$ 8,750.00	$ 3.50	$ 8,750.00	$ 3.50	$ 8,750.00	$ 3.50	$ 8,750.00	$ 3.50	$ 8,750.00
117	Brace, support and protect utility structures as per Utility Company's requirements	EA.	2	$ 800.00	$ 1,600.00	$ 1,300.00	$ 2,600.00	$ 800.00	$ 1,600.00	$ 800.00	$ 1,600.00	$ 800.00	$ 1,600.00
118	1-1/4" to 2" single long side service reconnection	EA.	1	$ 800.00	$ 800.00	$ 800.00	$ 800.00	$ 800.00	$ 800.00	$ 800.00	$ 800.00	$ 800.00	$ 800.00
119	1-1/4" to 2" single short side service reconnection	EA.	1	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00
120	Extra polyethylene service tubing	L.F.	100	$ 7.00	$ 700.00	$ 7.00	$ 700.00	$ 7.00	$ 700.00	$ 7.00	$ 700.00	$ 7.00	$ 700.00
121	Cash allowance for miscellaneous items, as directed by Engineer		1	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00
	TOTAL SUPPLEMENTAL ITEMS:				**$ 184,500.00**		**$ 188,000.00**		**$ 196,000.00**		**$ 184,500.00**		**$ 188,500.00**
	TOTAL PAVING ITEMS				$ 1,312,252.82		$ 1,260,043.00		$ 1,308,341.00		$ 1,395,213.00		$ 1,365,890.50
	TOTAL DRAINAGE ITEMS				$ 620,055.79		$ 701,769.00		$ 622,125.00		$ 625,056.00		$ 883,560.00
	TOTAL WATER LINE ITEMS				$ 178,725.91		$ 263,793.00		$ 298,470.00		$ 252,145.00		$ 375,169.00
	TOTAL SANITARY SEWER ITEMS				$ 43,262.70		$ 65,525.00		$ 47,170.00		$ 53,875.00		$ 65,201.00
	TOTAL TREE PROTECTION ITEMS				$ 60,500.96		$ 53,935.00		$ 61,260.00		$ 65,700.00		$ 55,675.00
	TOTAL SUPPLEMENTAL ITEMS				$ 184,500.00		$ 188,000.00		$ 196,000.00		$ 184,500.00		$ 188,500.00
	TOTAL BASE BID PLUS SUPPLEMENTAL ITEMS ITEMS				$ 2,399,298.18		$ 2,533,065.00		$ 2,533,366.00		$ 2,576,489.00		$ 2,933,995.50

MATHEMATICAL ERROR CORRECTED BY ENGINEER