



AECOM
5757 Woodway Drive
Suite 101 West
Houston, TX 77057-1599
www.aecom.com

713 780 4100 tel
713 267 2857 fax

April 4, 2011

Ms. Debbie Kaminski
Fort Bend County Purchasing
4250 Reading Road
Rosenberg, Texas 77471

Subject: Recommendation of Award
Old Richmond Road from Voss Rd to W Airport Blvd
Bid 11-052
AECOM Project No. 60185039

Dear Ms. Kaminski:

AECOM has reviewed the three (3) bids submitted to the Fort Bend County Engineering Department for the referenced project. The following is a list of the adjusted bids in order from low to high. Also below is a listing of the discrepancies found in the Bid Tabulation.

Bid Ranking:

No. 1 - Durwood Greene Construction Co.	(Option 1) \$676,889.40	(Option 2) \$738,635.80
No. 2 - Hassell Construction Co.	(Option 1) \$701,246.90	(Option 2) \$795,323.78
No. 3 - Triple B Services, L.L.P.	(Option 1) \$770,790.00	(Option 2) \$879,214.25

Bid Discrepancies/Corrections:

Triple B Services:

- Correction to the **Grand Total – Option 1** – was changed from \$0 to \$770,790.00 due to the Contractor's oversight in tallying the Option 1 Grand Total.
- Correction to the **Grand Total – Option 2** – was changed from \$889,714.25 to \$879,214.25 due to mathematical error.

Hassell Construction:

- Correction to the **Grand Total – Option 2** – was changed from \$801,323.78 to \$795,323.78 due to mathematical error.

After all adjustments, Durwood Greene Construction Company is the apparent low bidder at \$676,889.40 for Option 1, and \$738,635.80 for Option 2. On the basis of the total bid price, AECOM recommends awarding the contract to Durwood Greene Construction Company in the amount of \$676,889.40 if Option 1 is chosen, and \$738,635.80 if Option 2 is chosen.



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AECOM reviewed the bid submitted by Durwood Greene Construction and compared the Total Bid Price with the Engineer's Estimate of Construction Cost. The total estimated cost of \$706,976.70 (Option 1) was 4% higher than the low bid amount and 1% lower than the average of all three (3) bid amounts. The total estimated cost of \$776,687.70 (Option 2) was 5% higher than the low bid amount, and 3% lower than the average of all three (3) bid amounts. A breakdown of the estimated costs by section is as follows:

Section	Engineer's Estimate	% of Low Bid	% of Average
Site Prep & Earthwork	\$ 41,673.00	61%	52%
Paving Items	\$495,084.00	125%	117%
Storm Sewer Items	\$138,923.00	77%	78%
Signing & Pavement Marking	\$ 7,383.50	63%	73%
Traffic Control Option 1	\$ 4,500.00	100%	64%
Traffic Control Option 2	\$ 74,211.00	112%	78%
SW3P Items	\$ 19,413.20	135%	123%
<u>Total Bid Price Option 1</u>	<u>\$706,976.70</u>	<u>104%</u>	<u>99%</u>
<u>Total Bid Price Option 2</u>	<u>\$776,687.70</u>	<u>105%</u>	<u>97%</u>

Please let me know if you have any questions or require further information.

Regards,

Ellen S. Cunningham, P.E.
Project Engineer

ESC:lf
Attachment: Bid Tabulation

Bid Tabulation

Old Richmond Road from Voss Rd to West Airport Blvd

Durwood Greene Construction					Hassell Construction				Triple B Services				Average Bid				Engineer's Estimate	
Bid Item	Spec Item Number	Quantity	Unit	Bid Item Description Unit Price	Construction		Hassell Construction		Triple B Services		Average Bid		Unit Price	Total	Unit Price	Total		
					Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total						
Site Preparation and Earthwork Items - Subtotal																		
Paving Items					\$58,611.50		\$83,193.30		\$87,267.00		\$79,690.60		\$41,673.00					
8	220	9246	SY	6-inch (6") Lime Stabilized Subgrade, Complete in Place	\$2.00	\$18,492.00	\$2.00	\$18,492.00	\$1.80	\$16,642.80	\$1.93	\$17,875.60	\$2.00	\$18,492.00				
9	220	137	Ton	Line (6%) Bit Dry Weight	\$150.00	\$20,550.00	\$145.00	\$19,865.00	\$155.00	\$21,235.00	\$150.00	\$20,550.00	\$140.00	\$19,100.00				
10	250	4088	Ton	Hot Mix Asphaltic Base Course (Black Base), 8-inches (Pavement and Driveways)	\$60.00	\$245,280.00	\$64.00	\$261,632.00	\$66.75	\$272,874.00	\$63.58	\$259,926.67	\$75.00	\$306,600.00				
11	310	2323	Gal	Prime Coat for Base Course (Pavement and Driveways)	\$0.10	\$232.30	\$4.00	\$9,292.00	\$3.75	\$8,711.25	\$2.62	\$6,078.52	\$4.00	\$9,292.00				
12	340	1533	Ton	Type "D" HMAAC Surface Course, 3-inches (Pavement and Driveways)	\$71.00	\$108,843.00	\$73.00	\$111,909.00	\$84.25	\$128,155.25	\$76.08	\$116,635.75	\$80.00	\$131,970.00				
13	351	27	SY	Full Depth Repair/Replacement of Concrete Pavement	\$100.00	\$2,700.00	\$65.00	\$1,755.00	\$185.00	\$4,995.00	\$116.67	\$3,150.00	\$75.00	\$2,025.00				
14	351	20	LF	6-inch (6") Reinforced Concrete Curb, Removal, disposal, and Replacement	\$7.00	\$140.00	\$3.00	\$60.00	\$13.00	\$260.00	\$7.67	\$153.33	\$25.00	\$500.00				
15	361	10	EA	Dowelling into Existing Pavement, 1" Diameter	\$15.00	\$150.00	\$12.00	\$120.00	\$55.00	\$550.00	\$27.33	\$273.33	\$10.00	\$100.00				
16	530	37	LF	6-inch (6") Monolithic Concrete Curb, Complete in Place	\$3.00	\$111.00	\$8.00	\$296.00	\$12.60	\$466.20	\$7.87	\$291.07	\$25.00	\$925.00				
Paving Items - Subtotal					\$396,498.30		\$423,421.00		\$454,889.50		\$424,936.27		\$495,084.00					
Storm Sewer Items																		
17	429	1654	LF	Trench Safety System for Storm Sewers 5' to 10' Deep	\$0.20	\$330.80	\$0.50	\$827.00	\$0.25	\$413.50	\$0.32	\$527.77	\$0.50	\$827.00				
18	429	106	LF	Trench Safety System for Storm Sewers 10' to 15' Deep	\$0.20	\$21.20	\$1.00	\$106.00	\$0.25	\$26.50	\$0.48	\$51.23	\$1.00	\$106.00				
19	464	14	LF	6" PVC Drain Line	\$50.00	\$700.00	\$25.00	\$350.00	\$40.00	\$560.00	\$38.33	\$536.67	\$25.00	\$350.00				
20	460	1916	LF	24" RCP Storm Sww - Rubber Gasket, C76, Class III, Complete in Place	\$55.00	\$105,300.00	\$55.00	\$105,300.00	\$69.00	\$132,204.00	\$59.67	\$114,321.33	\$40.00	\$76,000.00				
21	463	3	EA	Safety End Treatment - Type II, (6") for 24" RCP	\$1,400.00	\$4,200.00	\$1,600.00	\$4,800.00	\$1,200.00	\$3,600.00	\$1,400.00	\$4,200.00	\$500.00	\$1,500.00				
22	463	2	EA	Safety End Treatment - Type II, (4") for 24" RCP	\$1,000.00	\$2,000.00	\$1,400.00	\$2,800.00	\$1,000.00	\$2,000.00	\$1,133.33	\$2,266.67	\$1,000.00	\$2,000.00				
23	471	2	EA	Pre-Cast Type A Manhole (All Depths)	\$4,000.00	\$8,000.00	\$3,000.00	\$6,000.00	\$2,400.00	\$4,800.00	\$3,133.33	\$6,266.67	\$2,500.00	\$5,000.00				
24	471	1	EA	Pre-Cast Type B 8" Inlet (All Depths)	\$2,500.00	\$2,500.00	\$2,600.00	\$2,600.00	\$2,500.00	\$2,500.00	\$2,533.33	\$2,500.00	\$2,500.00	\$2,500.00				
25	472	20	EA	Pre-Cast Type A, Grade Inlet (All Depths)	\$2,800.00	\$56,000.00	\$1,700.00	\$34,000.00	\$2,600.00	\$52,000.00	\$2,400.00	\$48,000.00	\$2,500.00	\$50,000.00				
Storm Sewer Items - Subtotal					\$181,132.00		\$156,863.00		\$198,104.00		\$178,699.67		\$138,923.00					
Signing and Pavement Marking Items																		
26	660	3430	LF	Thermoplastic (Type I) Pavement Marking (4" Wide)	\$0.60	\$2,058.00	\$0.50	\$1,715.00	\$0.50	\$1,715.00	\$0.53	\$1,829.33	\$0.45	\$1,543.50				
27	660	3400	LF	Thermoplastic (Type I) Pavement Marking (4" Wide)	\$0.60	\$2,040.00	\$0.50	\$1,700.00	\$0.50	\$1,700.00	\$0.53	\$1,813.33	\$0.45	\$1,530.00				
28	660	400	LF	Thermoplastic (Type I) Pavement Marking (8" Wide)	\$1.20	\$480.00	\$1.00	\$400.00	\$1.00	\$400.00	\$1.07	\$426.67	\$0.80	\$320.00				
29	660	65	LF	Thermoplastic (Type I) Pavement Marking (24" Wide)	\$7.00	\$455.00	\$5.00	\$325.00	\$6.50	\$422.50	\$6.17	\$400.83	\$5.00	\$325.00				
30	660	310	LF	Thermoplastic (Type I) Pavement Marking (24" Wide)	\$7.00	\$2,170.00	\$5.00	\$1,550.00	\$6.50	\$2,015.00	\$6.17	\$1,911.67	\$3.00	\$1,550.00				
31	666	6	EA	Prefabricated Pavement Marking Turning Arrow	\$300.00	\$1,800.00	\$120.00	\$720.00	\$280.00	\$1,680.00	\$283.33	\$1,700.00	\$125.00	\$750.00				
32	666	3	EA	Prefabricated Pavement Marking Elongated Word "ONLY"	\$450.00	\$1,350.00	\$120.00	\$360.00	\$360.00	\$1,080.00	\$360.00	\$1,080.00	\$125.00	\$750.00				
33	663	130	EA	Type II A-A Reflectotized Pavement Markers	\$5.00	\$650.00	\$4.00	\$520.00	\$4.30	\$559.00	\$4.43	\$576.33	\$3.00	\$900.00				
34	624	2	EA	Traffic Signs (Diamond Grade)	\$400.00	\$800.00	\$560.00	\$1,120.00	\$240.00	\$480.00	\$400.00	\$800.00	\$300.00	\$900.00				
Signing and Pavement Marking Items - Subtotal					\$11,803.00		\$8,410.00		\$10,231.50		\$10,148.17		\$7,383.50					
Traffic Control Systems - Option 1																		
35	671	3	Mo	Furnish and Maintain Detour Traffic Control Plan Including All Signs and Barricades	\$1,500.00	\$4,500.00	\$2,000.00	\$6,000.00	\$3,500.00	\$10,500.00	\$2,333.33	\$7,000.00	\$1,500.00	\$4,500.00				
Traffic Control Systems - Option 1 - Subtotal					\$4,500.00		\$6,000.00		\$10,500.00		\$7,000.00		\$4,500.00					
Traffic Control Systems - Option 2																		
36	671	3	Mo	Furnish and Maintain Work Zone Traffic Control Plan Including Barricades, Signs, Drums, Flagmen, Etc.	\$2,000.00	\$6,000.00	\$1,410.00	\$4,230.00	\$15,000.00	\$45,000.00	\$6,136.67	\$18,410.00	\$2,000.00	\$6,000.00				
152	673250	559	Ton	Installation, Maintenance, and Removal of 6" Black Base for Temporary/Detour Road	\$63.00	\$35,317.00	\$115.50	\$64,564.50	\$77.25	\$43,182.75	\$95.25	\$47,654.75	\$55.00	\$30,745.00				
153	673240	186	Ton	Installation, Maintenance, and Removal of 2" Hot-Mix Hot Asphaltic Concrete for Temporary Detour Road	\$80.00	\$14,880.00	\$125.60	\$23,361.60	\$120.00	\$22,320.00	\$108.53	\$20,187.20	\$70.00	\$13,020.00				
154	665	128	LF	Installation, Maintenance, and Removal of Work Zone Pavement Marking (1.4" wide) Yellow Solid	\$0.80	\$102.40	\$0.56	\$71.68	\$0.75	\$96.00	\$0.70	\$89.60	\$2.00	\$256.00				
155	665	3710	LF	Installation, Maintenance, and Removal of Work Zone Pavement Marking (2.4" wide) Yellow Solid	\$1.30	\$4,823.00	\$1.13	\$4,192.30	\$1.10	\$4,081.00	\$1.18	\$4,365.43	\$3.00	\$11,130.00				
156	665	6530	LF	Installation, Maintenance, and Removal of Work Zone Pavement Marking (1.4" Wide) White Solid	\$0.80	\$5,224.00	\$0.56	\$3,656.80	\$0.65	\$4,244.50	\$0.67	\$4,375.10	\$2.00	\$13,060.00				

Old Richmond Road from Voss Rd to West Airport Blvd

Bid Item	Spec Item Number	Quantity	Unit	Bid Item Description Unit Price	Construction			Total	Unit Price	Total
					Unit Price	Total	Unit Price			
Traffic Control Systems - Subtotal					\$66,246.40		\$100,076.88		\$118,924.25	\$35,082.51
Storm Water Pollution Prevention Plan										
158	165	12/2/22	SY	Hydro-Mulch Seeding (For Erosion Control and Stabilization)	\$0.30	\$3,683.60	\$0.30	\$3,683.60	\$0.28	\$3,223.20
159	713	3/700	LF	Furnish, Install, Maintain, and Remove Reinforced Filter Fabric Barrier	\$1.25	\$4,025.00	\$2.20	\$5,140.00	\$2.00	\$4,000.00
160	719	12	EA	Furnish, Install, Maintain, and Remove Inlet Protection Barrier	\$350.00	\$4,200.00	\$35.00	\$420.00	\$45.00	\$540.00
161	724	550	SY	Stabilized Construction Access - Type I (Install, Maintain, and Remove)	\$5.00	\$2,750.00	\$1.00	\$550.00	\$1.00	\$550.00
162	751	2	Mu	(Complete and In Place)	\$1,200.00	\$2,400.00	\$900.00	\$1,800.00	\$1,900.00	\$3,800.00
Inspect, maintain, clean and replace any of all SWSPPP items					\$12,359.60		\$23,359.60		\$39,789.00	\$15,834.07
Storm Water Pollution Prevention Plan - Subtotal					\$14,344.60		\$23,359.60		\$39,789.00	\$15,834.07
GRAND TOTAL					\$66,246.40		\$100,076.88		\$118,924.25	\$35,082.51
With Option 1 TCP										\$766,567.70
With Option 2 TCP										\$766,567.70