

**Fort Bend County Tabulation
Bid 14-038
Harlem Road Paving and Drainage Improvements (Bridge Portion)**

**Recommendation: Aranda Brothers
Funding: Mobility Project**

Company	Total Bid	Completion Time in Calendar Days
Aranda Brothers Houston	\$1,003,545.00	300
Tom-Mac, Inc. Houston	\$1,075,775.00	300
Harris Construction Houston	\$1,278,831.50	250
NBG Constructors, Inc.	Disqualified: Failed to provide references as required.	

KELLY R. KALUZA & ASSOCIATES, INC.

Consulting Engineers & Surveyors

Engineering Firm No. F-1339

Surveying Firm No. 10010000

3014 Avenue I, Rosenberg, Texas 77471

(281) 341-0808 ■ FAX (281) 341-6333

March 21, 2014

Honorable Judge Robert E. Hebert
Fort Bend County
301 Jackson Street
Richmond, Texas 77469

RE: Engineer's Recommendation of Award of Construction Contract for Harlem Road (Mobility Project No. 726) (Bridge Portion), Bid #14-038, Fort Bend County, Texas

Dear Judge Hebert:

Construction bids were received and formally opened at 1:30 p.m. on Thursday, March 20, 2014 for the above-referenced project. A total of three (3) construction bids were received and opened.

A summary of the bids with the Base Bid amount and number of calendar days are as follows:

<u>Contractor</u>	<u>Base Bid Amount</u>	<u>Total Number of Calendar Days</u>
Aranda Brothers Construction, Inc.	\$1,003,545.00	300
Tom-Mac, Inc.	\$1,075,775.00	300
Harris Construction Co.	\$1,278,831.50	250

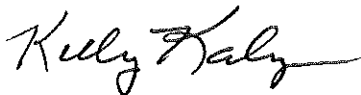
The bids were checked for completeness by the County. NGB Constructors, Inc. was disqualified for not providing references as required. The bids were checked for mathematical errors by our firm. Aranda Brothers Construction Co., Inc. made multiplication errors increasing their bid by \$2,800.00 and did not include written amounts. The mathematical errors did not change their bid status. Aranda Brothers Construction Co., Inc. submitted the low bid for the project.

We have not worked with Aranda Brothers Construction Co., Inc., but in checking their references, we find them to be competent to complete the project. We understand that the County has worked with Aranda Brothers Construction Co., Inc. on projects in the past and found them to be satisfactory. We are recommending that Fort Bend County accept the construction bids received on the project and enter into a construction contract with the low bidder, Aranda Brothers Construction Company, Inc. for the total Base Bid amount of \$1,003,545.00.

If you have any questions, please contact me.

Sincerely,

KELLY R. KALUZA & ASSOCIATES, INC.



Kelly R. Kaluza, P.E.
Project Engineer

KRK/lao

ENGINEER:
KELLY R. KALUZA & ASSOCIATES, INC.
3014 AVENUE I
ROSENBERG, TEXAS 77471
(281) 341-0808

HARLEM ROAD (MOBILITY PROJECT NO. 726)
PAVING AND DRAINAGE IMPROVEMENTS (BRIDGE PORTION)
FORT BEND COUNTY, TEXAS
MARCH 20, 2014 AT 1:30 P.M.

OWNER:
FORT BEND COUNTY
301 JACKSON STREET
RICHMOND, TEXAS 77469
(281) 341-8640

BID TABULATION

BIDDERS:				ARANDA BROS. CONSTRUCTION		TOM-MAC, INC.		HARRIS CONSTRUCTION CO.		
I. BASE BID - PAVING, DRAINAGE, & MISC. ITEMS			EST.	UNIT	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
ITEM DESCRIPTION			QUANT							
1	3" THICK HOT MIX HOT LAID ASPHALTIC CONCRETE (TXDOT TYPE "D" SURFACE MIX)	3,800	SY	\$	14.00	\$ 53,200.00	\$ 17.80	\$ 67,640.00	\$ 24.10	\$ 91,580.00
2	8" THICK ASPHALT STABILIZED (BLACK) BASE	4,000	SY	\$	35.00	\$ 140,000.00	\$ 36.80	\$ 147,200.00	\$ 52.00	\$ 208,000.00
3	SUBGRADE STABILIZED W/8% LIME BY WEIGHT TO 8" DEPTH (SLURRY METHOD)	4,300	SY	\$	9.00	\$ 38,700.00	\$ 9.85	\$ 42,355.00	\$ 9.50	\$ 40,850.00
4	2" THICK HOT MIX HOT LAID ASPHALTIC CONCRETE (TXDOT TYPE "D" SURFACE MIX)	140	SY	\$	110.00	\$ 15,400.00	\$ 100.00	\$ 14,000.00	\$ 16.00	\$ 2,240.00
5	SAWCUT EXISTING PAVEMENT	120	LF	\$	5.00	\$ 600.00	\$ 10.00	\$ 1,200.00	\$ 15.00	\$ 1,800.00
6	MILL, REMOVE, AND DISPOSE OF EXISTING ASPHALT PAVEMENT	1,500	SY	\$	4.75	\$ 7,125.00	\$ 8.00	\$ 12,000.00	\$ 12.00	\$ 18,000.00
7	REMOVE AND DISPOSE OF EXISTING ASPHALT AND BASE PARKING AREA	1,500	SY	\$	7.00	\$ 10,500.00	\$ 8.00	\$ 12,000.00	\$ 5.45	\$ 8,175.00
8	24" HIGH DENSITY POLYETHYLENE STORM SEWER PIPE, STANDARD BEDDING & BACKFILL	200	LF	\$	70.00	\$ 14,000.00	\$ 65.00	\$ 13,000.00	\$ 53.00	\$ 10,600.00
9	24" HIGH DENSITY POLYETHYLENE STORM SEWER 15° ELBOW	1	EA	\$	1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 450.00	\$ 450.00
10	24" REINFORCED CONCRETE PIPE 4 TO 1 SAFETY END TREATMENT	1	EA	\$	3,500.00	\$ 3,500.00	\$ 2,500.00	\$ 2,500.00	\$ 825.00	\$ 825.00
11	TRENCH SAFETY FOR STORM SEWER EXCAV IN ACCORD W/OSHA STAND AT ALL REQ. LOC	200	LF	\$	2.00	\$ 400.00	\$ 5.00	\$ 1,000.00	\$ 5.00	\$ 1,000.00
12	5" THICK CONCRETE SLOPE PAVING (OUTFALL PIPE AREA)	40	SY	\$	50.00	\$ 2,000.00	\$ 85.00	\$ 3,400.00	\$ 108.45	\$ 4,338.00
13	GALVANIZED METAL BEAM GUARD FENCE	300	LF	\$	25.00	\$ 7,500.00	\$ 35.00	\$ 10,500.00	\$ 60.00	\$ 18,000.00
14	EMBANKMENT DENSITY CONTROL (TXDOT ITEM 132.D.2)	4,500	CY	\$	10.00	\$ 45,000.00	\$ 20.00	\$ 90,000.00	\$ 20.00	\$ 90,000.00
15	HYDROMULCH SEEDING OF DISTURBED AREAS & PROVIDE WATERING UNTIL VEG ESTABLISH	3,000	SY	\$	2.00	\$ 6,000.00	\$ 1.00	\$ 3,000.00	\$ 1.00	\$ 3,000.00
16	SOLID SOD ST. AUGUSTINE GRASS & PROVIDE WATERING UNTIL VEG ESTABLISH	650	SY	\$	5.00	\$ 3,250.00	\$ 5.00	\$ 3,250.00	\$ 6.00	\$ 3,900.00
17	PROVIDE & MAINTAIN STORM WATER POLLUTION PREVENTION PLAN PERMIT & DEVICES	1	LS	\$	1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 1,500.00	\$ 1,500.00
18	CONTRACTOR MOBILIZATION	1	LS	\$	20,000.00	\$ 20,000.00	\$ 80,000.00	\$ 80,000.00	\$ 108,025.00	\$ 108,025.00
19	FURNISH & INSTALL PAVEMENT MARKINGS & SIGNAGE IN ACCORD W/TXDOT STANDARDS	1	LS	\$	13,000.00	\$ 13,000.00	\$ 11,000.00	\$ 11,000.00	\$ 15,000.00	\$ 15,000.00
20	FURNISH & MAINTAIN SIGNAGE, BARRICADES, FLAGMEN, TRAFFIC CONTROL, ETC.	1	LS	\$	12,500.00	\$ 12,500.00	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00
21	PROVIDE BONDS, INSURANCE, PERMITS, & MISC IN ACCORD W/CONTRACT DOCS	1	LS	\$	7,500.00	\$ 7,500.00	\$ 28,000.00	\$ 28,000.00	\$ 20,000.00	\$ 20,000.00
22	4' X 8' PROJECT SIGN	2	EA	\$	1,250.00	\$ 2,500.00	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00
23	CONSTRUCTION STAKING	1	BUDG.	\$	5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
TOTAL AMOUNT BASE BID - PAVING, DRAINAGE, & MISC. ITEMS =					\$	410,175.00	\$	558,045.00	\$	669,283.00
II. BASE BID - BRIDGE WORK ITEMS										
1	ITEM 110 - EXCAVATION (CHANNEL)	300	CY	\$	12.00	\$ 3,600.00	\$ 12.00	\$ 3,600.00	\$ 25.00	\$ 7,500.00
2	ITEM - 400 CEMENT STABILIZED BACKFILL	360	CY	\$	67.00	\$ 24,120.00	\$ 50.00	\$ 18,000.00	\$ 50.00	\$ 18,000.00
3	ITEM - 409 PRESTRESSED CONCRETE PILINGS (16 IN SQ.)	1,730	LF	\$	105.00	\$ 181,650.00	\$ 50.00	\$ 86,500.00	\$ 85.00	\$ 147,050.00
4	ITEM - 420 CLASS C CONCRETE (ABUTMENT)	50	CY	\$	875.00	\$ 43,750.00	\$ 985.00	\$ 49,250.00	\$ 873.50	\$ 43,675.00
5	ITEM - 420 CLASS C CONCRETE (BENT)	10	CY	\$	975.00	\$ 9,750.00	\$ 1,400.00	\$ 14,000.00	\$ 614.50	\$ 6,145.00
6	ITEM - 420 CLASS S CONCRETE (SLAB)	60	CY	\$	550.00	\$ 33,000.00	\$ 845.00	\$ 50,700.00	\$ 873.45	\$ 52,407.00
7	ITEM - 420 CLASS S CONCRETE (APPROACH SLAB)	60	CY	\$	310.00	\$ 18,600.00	\$ 460.00	\$ 27,600.00	\$ 584.35	\$ 35,061.00
8	ITEM - 420 CLASS A CONCRETE (CHANNEL LINING)	270	CY	\$	325.00	\$ 87,750.00	\$ 450.00	\$ 121,500.00	\$ 493.95	\$ 133,366.50
9	ITEM - 423 RETAINING WALL (CAST-IN-PLACE)	1,100	SF	\$	60.00	\$ 66,000.00	\$ 16.75	\$ 18,425.00	\$ 30.00	\$ 33,000.00
10	ITEM - 425 PRESTRESSED CONCRETE SLAB VEAM (5SB15)	560	LF	\$	175.00	\$ 98,000.00	\$ 185.00	\$ 103,600.00	\$ 175.90	\$ 98,504.00
11	ITEM - 425 CONCRETE SURFACE TREATMENT (CLASS I)	270	SY	\$	5.00	\$ 1,350.00	\$ 6.50	\$ 1,755.00	\$ 12.00	\$ 3,240.00
12	ITEM - 450 TYPE T223 BRIDGE RAIL	80	LF	\$	70.00	\$ 5,600.00	\$ 100.00	\$ 8,000.00	\$ 104.25	\$ 8,340.00
13	ITEM - 450 TYPE C223 BRIDGE RAIL	120	LF	\$	85.00	\$ 10,200.00	\$ 115.00	\$ 13,800.00	\$ 135.50	\$ 16,260.00
14	ITEM - 496 REMOVE STRUCTURE (HEADWALL)	2	EA	\$	5,000.00	\$ 10,000.00	\$ 500.00	\$ 1,000.00	\$ 3,500.00	\$ 7,000.00
TOTAL AMOUNT BASE BID - BRIDGE WORK ITEMS					\$	593,370.00	\$	517,730.00	\$	609,548.50
TOTAL AMOUNT BID =					\$	1,003,545.00	\$	1,075,775.00	\$	1,278,831.50
TOTAL AMOUNT OF CALENDAR DAYS =					300		300		250	
BIDDERS:					ARANDA BROS. CONSTRUCTION		TOM-MAC, INC.		HARRIS CONSTRUCTION CO.	