

March 25, 2024

Via: E-Mail

Wael Tabara, P.E.
Assistant County Engineer
Brazoria County Engineering
451 N. Velasco, Suite 230
Angleton, TX 77515

Re: Bid Recommendation
Pavement Repairs for Silverlake Phase 1
Brazoria County
ITB No. 24-01

Dear Wael Tabara, P.E.:

The Bid table provided on Friday March 22, 2023, for the Pavement Repairs for Silverlake Phase 1 project was evaluated. Three bids were received as shown below.

1. Aranda Brothers Construction Co., Inc (\$ 747,730.10)
2. Consta Build LLC (\$ 854,111.06)
3. Wilson Building Services, Inc. (\$ 968,969.20)

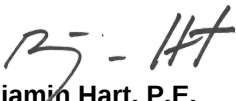
Engineer's Estimate is: \$ 1,045,861.42.

Aranda Brothers Construction Co., Inc is the low bidder with their bid at 28.5% lower than Engineer's Estimate. The items with the largest variation in price included concrete removal, concrete pavement, concrete curb, and cleaning & sealing joints. These items tend to have a higher unit price when lower quantities are specified. This variation is found in the other bidders as well.

We recommend that Brazoria County proceed with contract award to the lowest bidder, Aranda Brothers Construction Co., Inc., for \$ 747,730.10.

Regards,

Binkley & Barfield, Inc.


Benjamin Hart, P.E.
Sr. Project Manager
bhart@binkleybarfield.com

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						Engineers Estimate		Aranda Brothers Construction Co., Inc		Consta Build LLC		Wilson Building Services, Inc.	
Total Cost						100%	\$ 1,045,861.42	71.5%	\$ 747,730.10	81.7%	\$ 854,111.06	92.6%	\$ 968,969.20
#	Items	TxDot Spec#	Description Code	Unit	Quantity Required	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
0													
#0-1	MOBILIZATION	500	6001	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 45,000.00	\$ 45,000.00	\$ 90,000.00	\$ 90,000.00
#0-2	BARRICADES, SIGNS AND TRAFFIC HANDLING	502	6001	MO	5	\$ 1,500.00	\$ 7,500.00	\$ 3,500.00	\$ 17,500.00	\$ 7,000.00	\$ 35,000.00	\$ 9,000.00	\$ 45,000.00
#0-3	WK ZN PAV MRK REMOV (W)4"(SLD)	662	6063	LF	619	\$ 1.00	\$ 619.00	\$ 2.00	\$ 1,238.00	\$ 0.90	\$ 557.10	\$ 2.00	\$ 1,238.00
#0-4	WK ZN PAV MRK REMOV (Y)4"(SLD)	662	6095	LF	3328	\$ 1.00	\$ 3,328.00	\$ 3.00	\$ 9,984.00	\$ 0.90	\$ 2,995.20	\$ 2.40	\$ 7,987.20
#0-5	WK ZN PAV MRK REMOV (W)12"(SLD)	662	6073	LF	12	\$ 5.00	\$ 60.00	\$ 13.00	\$ 156.00	\$ 2.70	\$ 32.40	\$ 14.00	\$ 168.00
#0-6	REMOVING CONC (PAV)	104	6001	SY	5314	\$ 25.00	\$ 132,850.00	\$ 12.00	\$ 63,768.00	\$ 6.50	\$ 34,541.00	\$ 22.00	\$ 116,908.00
#0-7	REMOVING CONC (CURB AND GUTTER)	104	6022	LF	1530	\$ 10.00	\$ 15,300.00	\$ 2.00	\$ 3,060.00	\$ 7.50	\$ 11,475.00	\$ 4.00	\$ 6,120.00
#0-8	REMOV STR (INLET)	496	6002	EA	2	\$ 400.00	\$ 800.00	\$ 500.00	\$ 1,000.00	\$ 1,100.00	\$ 2,200.00	\$ 750.00	\$ 1,500.00
#0-9	REMOVE SM RD SN SUP&AM	644	6076	EA	3	\$ 120.00	\$ 360.00	\$ 300.00	\$ 900.00	\$ 130.00	\$ 390.00	\$ 120.00	\$ 360.00
#0-10	LIME(HYD,COM OR QK)(SLRY)OR QK(DRY)	260	6012	TON	133	\$ 358.00	\$ 47,614.00	\$ 320.00	\$ 42,560.00	\$ 325.00	\$ 43,225.00	\$ 365.00	\$ 48,545.00
#0-11	LIME TRT (EXST MATL)(8")	260	6027	SY	5873	\$ 7.00	\$ 41,111.00	\$ 6.00	\$ 35,238.00	\$ 29.00	\$ 170,317.00	\$ 12.00	\$ 70,476.00
#0-12	CONC PAV (JOINT REINF) (8")	360	6030	SY	5296	\$ 80.00	\$ 423,680.00	\$ 70.00	\$ 370,720.00	\$ 61.50	\$ 325,704.00	\$ 76.00	\$ 402,496.00
#0-13	CEM STABIL BKFL	400	6005	CY	681	\$ 100.00	\$ 68,100.00	\$ 90.00	\$ 61,290.00	\$ 115.00	\$ 78,315.00	\$ 50.00	\$ 34,050.00
#0-14	CEMENT STAB BACKFILL (INLET OR MH)	400	6009	CY	11.5	\$ 62.00	\$ 713.00	\$ 90.00	\$ 1,035.00	\$ 190.00	\$ 2,185.00	\$ 75.00	\$ 862.50
#0-15	CLEANING AND SEALING EXISTING JOINTS	438	6001	LF	2090	\$ 26.00	\$ 54,340.00	\$ 5.00	\$ 10,450.00	\$ 5.00	\$ 10,450.00	\$ 5.00	\$ 10,450.00
#0-16	INLET (COMPL)(TY C)	465	6269	EA	2	\$ 6,200.00	\$ 12,400.00	\$ 3,500.00	\$ 7,000.00	\$ 8,000.00	\$ 16,000.00	\$ 2,100.00	\$ 4,200.00
#0-17	CONC CURB (TY II)	529	6002	LF	458	\$ 19.00	\$ 8,702.00	\$ 7.00	\$ 3,206.00	\$ 3.85	\$ 1,763.30	\$ 8.00	\$ 3,664.00
#0-18	CONC CURB (4" x 12")	529	9999	LF	3690	\$ 20.00	\$ 73,800.00	\$ 7.00	\$ 25,830.00	\$ 3.85	\$ 14,206.50	\$ 8.00	\$ 29,520.00
#0-19	CRACK CLEANING AND SEALING (JCP)	713	6005	LF	976.1	\$ 30.00	\$ 29,283.00	\$ 3.00	\$ 2,928.30	\$ 6.30	\$ 6,149.43	\$ 5.00	\$ 4,880.50
#0-20	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	644	6001	EA	3	\$ 650.00	\$ 1,950.00	\$ 950.00	\$ 2,850.00	\$ 957.00	\$ 2,871.00	\$ 900.00	\$ 2,700.00
#0-21	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	666	6048	LF	62	\$ 6.90	\$ 427.80	\$ 10.50	\$ 651.00	\$ 5.47	\$ 339.14	\$ 12.00	\$ 744.00
#0-22	REFL PAV MRK TY I (Y)24"(SLD)(100MIL)	666	6147	LF	63	\$ 6.00	\$ 378.00	\$ 10.50	\$ 661.50	\$ 6.56	\$ 413.28	\$ 12.00	\$ 756.00
#0-23	RE PM W/RET REQ TY I (Y)4"(BRK)(100MIL)	666	6312	LF	390	\$ 0.52	\$ 202.80	\$ 2.25	\$ 877.50	\$ 0.82	\$ 319.80	\$ 3.00	\$ 1,170.00
#0-24	RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL)	666	6315	LF	206	\$ 0.52	\$ 107.12	\$ 3.25	\$ 669.50	\$ 0.82	\$ 168.92	\$ 4.00	\$ 824.00
#0-25	REFL PAV MRKR TY II-A-A	672	6009	EA	47	\$ 6.00	\$ 282.00	\$ 7.00	\$ 329.00	\$ 5.47	\$ 257.09	\$ 8.00	\$ 376.00
#0-26	PAV SURF PREP FOR MRK (4")	678	6001	LF	390	\$ 0.10	\$ 39.00	\$ 0.15	\$ 58.50	\$ 0.27	\$ 105.30	\$ 0.20	\$ 78.00
#0-27	PAV SURF PREP FOR MRK (24")	678	6008	LF	62	\$ 0.60	\$ 37.20	\$ 0.65	\$ 40.30	\$ 2.20	\$ 136.40	\$ 1.00	\$ 62.00
#0-28	BLOCK SODDING	162	6002	SY	686	\$ 6.00	\$ 4,116.00	\$ 6.00	\$ 4,116.00	\$ 5.70	\$ 3,910.20	\$ 10.00	\$ 6,860.00
#0-29	STRAW OR HAY MULCH	162	6003	SY	4626	\$ 2.50	\$ 11,565.00	\$ 0.75	\$ 3,469.50	\$ 0.50	\$ 2,313.00	\$ 3.00	\$ 13,878.00
#0-30	DRILL SEED (TEMP)(WARM OR COOL)	164	6051	SY	4626	\$ 2.00	\$ 9,252.00	\$ 0.50	\$ 2,313.00	\$ 0.50	\$ 2,313.00	\$ 1.00	\$ 4,626.00
#0-31	FERTILIZER	166	6001	AC	1.1	\$ 875.00	\$ 962.50	\$ 1,250.00	\$ 1,375.00	\$ 515.00	\$ 566.50	\$ 1,500.00	\$ 1,650.00
#0-32	VEGETATIVE WATERING	168	6001	MG	131.8	\$ 70.00	\$ 9,226.00	\$ 50.00	\$ 6,590.00	\$ 50.00	\$ 6,590.00	\$ 150.00	\$ 19,770.00
#0-33	CONSTRUCTION EXITS (INSTALL) (TY 1)	506	6020	SY	778	\$ 35.00	\$ 27,230.00	\$ 12.00	\$ 9,336.00	\$ 25.00	\$ 19,450.00	\$ 25.00	\$ 19,450.00
#0-34	CONSTRUCTION EXITS (REMOVE)	506	6024	SY	778	\$ 7.00	\$ 5,446.00	\$ 5.00	\$ 3,890.00	\$ 14.75	\$ 11,475.50	\$ 20.00	\$ 15,560.00
#0-35	BIODEG EROSN CONT LOGS (INSTL) (8")	506	6040	LF	240	\$ 15.00	\$ 3,600.00	\$ 8.00	\$ 1,920.00	\$ 7.15	\$ 1,716.00	\$ 7.00	\$ 1,680.00
#0-36	BIODEG EROSN CONT LOGS (REMOVE)	506	6043	LF	240	\$ 2.00	\$ 480.00	\$ 3.00	\$ 720.00	\$ 2.75	\$ 660.00	\$ 1.50	\$ 360.00