



TO: Ramon Chavez, PE
City of Laredo Engineering Department

FROM: Judd Gilpin, PE, RPLS

RE: Springfield Avenue Extension – Phase 2A

SUBJ: Recommendation of Award

DATE: June 6, 2024

ENCL: Bid Tabulation

Based upon our evaluation of the bids that were submitted (May 30, 2024) for the referenced project to the City Secretary, **I recommend that this project be awarded to Mage 4Group, Ltd. with that bid being determined the lowest responsive bid of the two submitted for our consideration.**

If you have any questions, please feel free to call me by way of the contact information below.

A blue ink signature is written over a circular professional engineer seal. The seal is for the State of Texas and contains the text 'STATE OF TEXAS' at the top, a five-pointed star in the center, 'ROBERT J. GILPIN' below the star, '90141' below the name, and 'LICENSED PROFESSIONAL ENGINEER' around the bottom edge. Below the signature, the date '6-6-24' is handwritten in blue ink.

6-6-24

SPRINGFIELD AVENUE EXTENSION - PHASE 2A
BID TABULATION

ITEM No.	ITEM DESCRIPTION	UNITS	QTY	Engineers Estimate of Construction Cost			Mage 4Group, Ltd.			STX Civil		
				UNIT COSTS	TOTAL	SUBTOTALS	UNIT COSTS	TOTAL	SUBTOTALS	UNIT COSTS	TOTAL	SUBTOTALS
	SITE PREPARATION											
1	Cleaning and Grubbing w/ Disposal	AC	2	\$2,860.00	\$5,720.00		\$3,000.00	\$6,000.00		\$1,695.00	\$3,390.00	
2	Mobilization (This item shall not be more than 5% of total bid price)	LS	1	\$30,000.00	\$30,000.00		\$75,000.00	\$75,000.00		\$110,000.00	\$110,000.00	
3	Remove and Dispose Curb and Gutter	LF	454	\$20.00	\$9,080.00		\$15.00	\$6,810.00		\$4.52	\$2,052.08	
4	Remove and Dispose ADA Ramps	EA	4	\$4,000.00	\$16,000.00		\$500.00	\$2,000.00		\$678.00	\$2,712.00	
5	Remove and Dispose Sidewalk	SF	1,287	\$6.00	\$7,722.00		\$4.00	\$5,148.00		\$3.39	\$4,362.93	
6	Remove and Dispose Concrete Island	EA	1	\$600.00	\$600.00		\$1,500.00	\$1,500.00		\$678.00	\$678.00	
7	Remove and Dispose Asphalt Pavement	SY	1,394	\$30.00	\$41,820.00		\$3.00	\$4,182.00		\$20.91	\$29,148.54	
8	Remove and Dispose Barb Wire Fence	LF	692	\$20.00	\$13,840.00		\$5.00	\$3,460.00		\$3.39	\$2,345.88	
9	Erosion Control Silt Fence	LF	380	\$5.00	\$1,900.00		\$6.00	\$2,280.00		\$1.42	\$539.60	
10	Construction Exit (50' x 32')	EA	1	\$2,300.00	\$2,300.00		\$1,500.00	\$1,500.00		\$3,616.00	\$3,616.00	
11	Construction Swing Gate (2-16' Wide)	EA	2	\$1,600.00	\$3,200.00		\$1,500.00	\$3,000.00		\$3,955.00	\$7,910.00	
12	Construction 5 Strand Barbed Wire Fence	LF	1,352	\$10.50	\$14,196.00		\$10.00	\$13,520.00		\$2.49	\$3,366.48	
						\$146,378.00			\$124,400.00			\$170,121.51
	EARTHWORK											
13	Cut	CY	1,636	\$3.00	\$4,908.00		\$5.00	\$8,180.00		\$51.01	\$83,452.36	
14	Fill	CY	124	\$7.00	\$868.00		\$5.00	\$620.00		\$19.08	\$2,365.92	
						\$5,776.00			\$8,800.00			\$85,818.28
	ROADWAY											
15	12" Subgrade Preparation (Springfield Ave.)	SY	5,641	\$6.50	\$36,666.50		\$4.00	\$22,564.00		\$2.15	\$12,128.15	
16	9" Concrete Pavement, TxDOT Item 360 - Class P (4,500 PSI) (Springfield Ave.)	SY	5,465	\$115.00	\$628,475.00		\$108.00	\$590,220.00		\$128.50	\$702,252.50	
17	12" Subgrade Preparation (International Blvd.)	SY	1,403	\$6.50	\$9,119.50		\$4.00	\$5,612.00		\$2.15	\$3,016.45	
18	9" Concrete Pavement, TxDOT Item 360 - Class HES (4,500 PSI) (International Blvd.)	SY	1,403	\$120.00	\$168,360.00		\$108.00	\$151,524.00		\$131.65	\$184,704.95	
19	Concrete Sidewalk (12' Wide)	SF	19,030	\$6.00	\$114,180.00		\$7.00	\$133,210.00		\$10.17	\$193,535.10	
20	ADA Ramps	EA	16	\$3,000.00	\$48,000.00		\$1,800.00	\$28,800.00		\$2,034.00	\$32,544.00	
21	4" PVC SCH 40 Utility Conduits	LF	1,044	\$18.00	\$18,792.00		\$25.00	\$26,100.00		\$15.82	\$16,516.08	
						\$1,023,593.00			\$958,030.00			\$1,144,697.23
	WATER DISTRIBUTION SYSTEM											
22	16" Wet Connection (16" x 16" x 12" Tee)	EA	1	\$15,000.00	\$15,000.00		\$10,000.00	\$10,000.00		\$9,605.00	\$9,605.00	
23	12" Water Line - DR 14 PVC	LF	765	\$90.00	\$68,850.00		\$100.00	\$76,500.00		\$50.85	\$38,900.25	
24	8" Water Line Stub Out - DR 14 PVC	LF	154	\$60.00	\$9,240.00		\$54.00	\$8,316.00		\$88.36	\$13,607.44	
25	12" x 12" x 8" Tee	EA	3	\$2,700.00	\$8,100.00		\$4,000.00	\$12,000.00		\$6,215.00	\$18,645.00	
26	12" x 8" Reducer	EA	2	\$2,000.00	\$4,000.00		\$2,000.00	\$4,000.00		\$2,825.00	\$5,650.00	
27	16" Butterfly Valve	EA	2	\$9,000.00	\$18,000.00		\$9,800.00	\$19,600.00		\$6,502.59	\$13,005.18	
28	12" Gate Valve	EA	5	\$6,000.00	\$30,000.00		\$7,500.00	\$37,500.00		\$5,613.67	\$28,068.35	
29	8" Gate Valve	EA	2	\$5,000.00	\$10,000.00		\$5,000.00	\$10,000.00		\$4,031.67	\$8,063.34	
30	8" Plug	EA	2	\$900.00	\$1,800.00		\$800.00	\$1,600.00		\$2,080.79	\$4,161.58	
31	Fire Hydrant Complete Assembly w/ 6" Gate Valve	EA	1	\$10,000.00	\$10,000.00		\$10,000.00	\$10,000.00		\$11,356.50	\$11,356.50	
32	Fire iHydrant Complete Assembly w/ 6" Gate Valve	EA	1	\$10,000.00	\$10,000.00		\$10,000.00	\$10,000.00		\$11,356.50	\$11,356.50	
33	2" Air Release Valve	EA	1	\$8,000.00	\$8,000.00		\$8,500.00	\$8,500.00		\$16,182.96	\$16,182.96	
34	Remove and Dispose Existing 8" Water Line	LF	299	\$50.00	\$14,950.00		\$25.00	\$7,475.00		\$31.98	\$9,562.02	
						\$207,940.00			\$215,491.00			\$188,164.12
	SANITARY SEWER COLLECTION SYSTEM											
35	8" Sanitary Sewer Wet Connection	EA	1	\$6,000.00	\$6,000.00		\$5,000.00	\$5,000.00		\$3,785.50	\$3,785.50	
36	8" Sanitary Sewer Line - SDR 26 PVC	LF	235	\$60.00	\$14,100.00		\$45.00	\$10,575.00		\$54.24	\$12,746.40	
37	Sanitary Sewer Manhole	EA	2	\$10,000.00	\$20,000.00		\$9,000.00	\$18,000.00		\$30,137.67	\$60,275.34	
38	Sanitary Sewer Cleanout	EA	1	\$2,000.00	\$2,000.00		\$1,000.00	\$1,000.00		\$2,173.33	\$2,173.33	
39	Sanitary Sewer 6" Service (Single Short)	EA	1	\$2,000.00	\$2,000.00		\$1,500.00	\$1,500.00		\$2,825.00	\$2,825.00	
40	Concrete Pavement Repair	SY	9	\$140.00	\$1,260.00		\$81.00	\$729.00		\$124.30	\$1,118.70	
41	Curb Repair	LF	15	\$24.00	\$360.00		\$25.00	\$375.00		\$42.94	\$644.10	
42	Sidewalk Repair	SF	505	\$12.00	\$6,060.00		\$7.00	\$3,535.00		\$10.17	\$5,135.85	
						\$51,780.00			\$40,714.00			\$88,704.22
	PAVEMENT MARKINGS AND SIGNAGE											
43	Striping - 8" Solid White Line	LF	230	\$5.00	\$1,150.00		\$5.00	\$1,150.00		\$8.24	\$1,895.20	
44	Striping - 6" Solid Yellow Line	LF	1,208	\$3.50	\$4,228.00		\$4.00	\$4,832.00		\$6.88	\$8,311.04	
45	Striping - 6" Broken White Line	LF	1,207	\$3.50	\$4,224.50		\$4.00	\$4,828.00		\$6.88	\$8,304.16	
46	Striping - 6" Broken Yellow Line	LF	596	\$3.50	\$2,086.00		\$4.00	\$2,384.00		\$6.88	\$4,100.48	
47	Striping - 24" White Stop Bar	LF	37	\$8.00	\$296.00		\$16.00	\$592.00		\$20.28	\$750.36	
48	Pavement Markings	LS	1	\$2,000.00	\$2,000.00		\$7,500.00	\$7,500.00		\$6,883.96	\$6,883.96	
49	Speed Limit Sign	EA	1	\$800.00	\$800.00		\$750.00	\$750.00		\$395.50	\$395.50	
50	Stop Sign	EA	1	\$800.00	\$800.00		\$750.00	\$750.00		\$565.00	\$565.00	
51	Lane Designation Sign	EA	2	\$800.00	\$1,600.00		\$750.00	\$1,500.00		\$621.50	\$1,243.00	
52	Street Lights	EA	6	\$3,500.00	\$21,000.00		\$3,000.00	\$18,000.00		\$5,085.00	\$30,510.00	
53	Type 3 Barricade	EA	1	\$1,000.00	\$1,000.00		\$1,500.00	\$1,500.00		\$565.00	\$565.00	
54	Traffic Control Plan	LS	1	\$24,000.00	\$24,000.00		\$7,500.00	\$7,500.00		\$20,000.00	\$20,000.00	
						\$63,184.50			\$51,286.00			\$83,523.70
	TRAFFIC SIGNAL IMPROVEMENTS											
55	Drill Shaft, 15' Depth (36" Diameter)	EA	4	\$15,000.00	\$60,000.00		\$5,250.00	\$21,000.00		\$7,288.50	\$29,154.00	
56	4" PVC SCH 40 Conduits	LF	728	\$18.00	\$13,104.00		\$25.00	\$18,200.00		\$42.94	\$31,260.32	
57	Ground Box	EA	4	\$5,000.00	\$20,000.00		\$1,500.00	\$6,000.00		\$1,124.35	\$4,497.40	
58	Controler Cabinet	EA	1	\$40,000.00	\$40,000.00		\$55,000.00	\$55,000.00		\$36,499.00	\$36,499.00	
59	Electrical Service Pole	EA	1	\$4,000.00	\$4,000.00		\$5,000.00	\$5,000.00		\$4,294.00	\$4,294.00	
60	Traffic Signal 19' Steel Pole	EA	4	\$20,000.00	\$80,000.00		\$10,000.00	\$40,000.00		\$8,475.00	\$33,900.00	
61	Traffic Signal 44' Mast Arm	EA	4	\$15,000.00	\$60,000.00		\$12,000.00	\$48,000.00		\$8,475.00	\$33,900.00	
62	Traffic Signal Illuminaire	EA	4	\$1,000.00	\$4,000.00		\$800.00	\$3,200.00		\$452.00	\$1,808.00	
63	Three-Section Signal Head	EA	9	\$4,000.00	\$36,000.00		\$1,000.00	\$9,000.00		\$1,017.00	\$9,153.00	
64	Four-Section Signal Head	EA	2	\$4,000.00	\$8,000.00		\$2,000.00	\$4,000.00		\$1,243.00	\$2,486.00	
65	Radar Advance Detection Mounted on Mast Arm	EA	4	\$5,000.00	\$20,000.00		\$3,800.00	\$15,200.00		\$7,684.00	\$30,736.00	
66	Radar Presence Detection Mounted on Mast Arm	EA	4	\$5,000.00	\$20,000.00		\$3,800.00	\$15,200.00		\$7,006.00	\$28,024.00	
67	Sign Plaques Mounted on Mast Arm	EA	8	\$1,000.00	\$8,000.00		\$1,250.00	\$10,000.00		\$474.60	\$3,796.80	
68	Accessible Button with Sign Plaque Mounted on Pole	EA	8	\$3,000.00	\$24,000.00		\$1,500.00	\$12,000.00		\$1,067.85	\$8,542.80	
						\$397,104.00			\$261,800.00			\$258,051.32
69	Contingency Allowance	LS	1	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
CONSTRUCTION GRAND TOTAL				\$2,095,755.50			\$1,860,521.00			\$2,219,080.38		