



February 28, 2025

Via Electronic Mail

Rohit Vij, M.Sc., P.E., PMP  
Senior Engineer – Capital Improvements/Engineering  
630 E. Hopkins  
San Marcos, TX 78666

**RE: Recommendation Letter  
IFB 224-288 Davis Lane Lift Station & Gravity Main Improvements**

Dear Rohit Vij

A total of 7 bids were received for the **Davis Lane Lift Station & Gravity Main Improvements on January 23, 2025**. A copy of the bid tabulation and bid item breakdown is enclosed in Attachment A.

<b>Ranking</b>	<b>Bidder</b>	<b>Base Bid Total</b>
1	DUST AND DIRT LLC DBA CIVCON	\$ 1,784,035.00
2	AUSTIN UNDERGROUND,INC	\$ 2,536,633.81
3	LUPE RUBIO CONSTRUCTION	\$ 2,543,786.12
4	PESADO CONSTRUCTION COMPANY	\$ 2,686,561.00
5	AARON CONCRETE CONTRACTORS,LLC	\$ 2,767,320.00
6	KEYSTONE CONSTRUCTION	\$ 3,113,008.00
7	QRO MEX CONSTRUCTION COMPANY,INC	\$ 3,980,369.00

The lowest bidder is Dust and Dirt LLC dba Civcon for a total amount of \$1,937,035.00, however, they did not provide 5 projects of substantially similar character with a cost in excess of \$1,500,000 for a public entity as required by the Statement of Bidder's Qualifications. None of the projects submitted as references were performed for a public entity and only three had costs close to or in excess of \$1,500,000 per requirements. Per section 5.k. of the Instruction to Bidders document, the owner can disqualify a bid if the bidder does not meet the minimum experience qualifications established in the Statement of Bidder's Qualifications and Assurances. Due to this, the bidder has been disqualified from consideration.

The next lowest bidder is Austin Underground, Inc for a total amount of \$2,536,633.81.

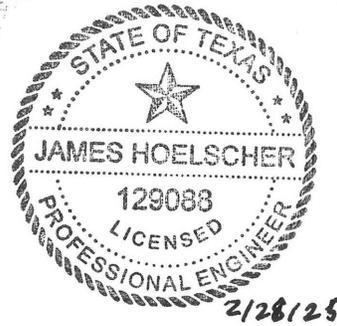
Based on their Statement of Qualifications and the references checked, Austin Underground, Inc appears to be qualified and capable of performing the work for this project. 4 of their 5 references gave glowing recommendations of their work quality and responsiveness. Ardurra further reviewed Austin Underground's experience. Austin Underground submitted a full list of projects they have completed since inception showing extensive work experience with public entities in wastewater transmission and treatment projects displaying a satisfactory amount of experience in the sector.

Based on this information, and Purchasing Manager's assessment of responsiveness of the Bidder, Ardurra recommends that the City of San Marcos award the construction contract for this project to Austin Underground, Inc. for a total bid amount of \$2,536,633.81.

If you have any questions or concerns, please let us know.

Sincerely,

  
James Hoelscher, PE  
Project Engineer - Ardurra



**Attachments:** Bid Tabulation  
COSM Contractor Reference Check Forms Completed

**ATTACHMENT A  
BID TABULATION**

## Bid Summary

Project Name: Davis Lane Lift Station & Gravity Main Improvements  
 IFB#: 224-288  
 Bid Opening Date: January 23, 2025, 2:00 PM

Ranking	Bidder	Base Bid Total	\$ Difference	% Difference
1	DUST AND DIRT LLC DBA CIVCON	\$ 1,784,035.00	--	--
2	AUSTIN UNDERGROUND, INC	\$ 2,536,633.81	\$ 752,598.81	42%
3	LUPE RUBIO CONSTRUCTION	\$ 2,543,786.12	\$ 759,751.12	43%
4	PESADO CONSTRUCTION COMPANY	\$ 2,686,561.00	\$ 902,526.00	51%
5	AARON CONCRETE CONTRACTORS, LLC	\$ 2,767,320.00	\$ 983,285.00	55%
6	KEYSTONE CONSTRUCTION	\$ 3,113,008.00	\$ 1,328,973.00	74%
7	QRO MEX CONSTRUCTION COMPANY, INC	\$ 3,980,369.00	\$ 2,196,334.00	123%
N/A	Engineer's Estimate	\$ 2,348,921.00	\$ 564,886.00	32%

Ranking	Bidder	Alt. Bid Total	\$ Difference	% Difference
1	DUST AND DIRT LLC DBA CIVCON	\$ 26,800.00	--	--
2	AUSTIN UNDERGROUND, INC	\$ 10,500.00	\$ (16,300.00)	-61%
3	LUPE RUBIO CONSTRUCTION	\$ 13,570.00	\$ (13,230.00)	-49%
4	PESADO CONSTRUCTION COMPANY	\$ 2,060.00	\$ (24,740.00)	-92%
5	AARON CONCRETE CONTRACTORS, LLC	\$ 28,600.00	\$ 1,800.00	7%
6	KEYSTONE CONSTRUCTION	\$ 24,300.00	\$ (2,500.00)	-9%
7	QRO MEX CONSTRUCTION COMPANY, INC	\$ 36,000.00	\$ 9,200.00	34%
N/A	Engineer's Estimate	\$ 12,400.00	\$ (14,400.00)	-54%

(Note: Sort Bids By Low Bidder)

GENERAL					DUST AND DIRT LLC DBA CIVCON		AUSTIN UNDERGROUND,INC		LUPE RUBIO CONSTRUCTION		PESADO CONSTRUCTION COMPANY	
Item No.	Spec. Reference	Item Description	Quantity	Unit	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
1	101S-C	Preparing Right-of-Way (Max 5%)	1	LS	\$ 4,700.00	\$ 4,700.00	\$ 40,000.00	\$ 40,000.00	\$ 34,500.00	\$ 34,500.00	\$ 50,000.00	\$ 50,000.00
2	700S-TM	Mobilization (Max 10%)	1	LS	\$ 23,500.00	\$ 23,500.00	\$ 102,000.00	\$ 102,000.00	\$ 115,000.00	\$ 115,000.00	\$ 200,000.00	\$ 200,000.00
3	802S-B C.I.P.	C.I.P. Project Signs	1	EA	\$ 1,800.00	\$ 1,800.00	\$ 900.00	\$ 900.00	\$ 2,300.00	\$ 2,300.00	\$ 5,000.00	\$ 5,000.00
4	803S-MO	Barricades, Signs, and Traffic Handling	1	LS	\$ 15,500.00	\$ 15,500.00	\$ 25,000.00	\$ 25,000.00	\$ 23,000.00	\$ 23,000.00	\$ 12,663.00	\$ 12,663.00
5	SC	Contingency	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
6	104S-C	Remove P.C. Concrete Sidewalks and Driveways	328	SF	\$ 10.00	\$ 3,280.00	\$ 15.00	\$ 4,920.00	\$ 5.75	\$ 1,886.00	\$ 20.00	\$ 6,560.00
7	307S	Tack Coat	3	GAL	\$ 80.00	\$ 240.00	\$ 6.00	\$ 18.00	\$ 11.50	\$ 34.50	\$ 80.00	\$ 240.00
8	340S-B-B	Hot Mix Asphaltic Concrete Pavement, 10 Inches, Type B	27	SY	\$ 555.00	\$ 14,985.00	\$ 195.03	\$ 5,265.81	\$ 92.00	\$ 2,484.00	\$ 300.00	\$ 8,100.00
9	340S-B-D	Hot Mix Asphaltic Concrete Pavement, 2 Inches, Type D	27	SY	\$ 140.00	\$ 3,780.00	\$ 160.00	\$ 4,320.00	\$ 69.00	\$ 1,863.00	\$ 200.00	\$ 5,400.00
10	432S-4	New P.C. Concrete Sidewalks, 4 Inch thickness	101	SF	\$ 25.00	\$ 2,525.00	\$ 86.00	\$ 8,686.00	\$ 20.70	\$ 2,090.70	\$ 70.00	\$ 7,070.00
11	433S-A	Type 1 P.C. Concrete Driveway	2944	SF	\$ 10.00	\$ 29,440.00	\$ 17.00	\$ 50,048.00	\$ 25.30	\$ 74,483.20	\$ 18.00	\$ 52,992.00
12	505S-B	Encasement Pipe 30 In. Dia., Type Steel ASTM A134	40	LF	\$ 1,100.00	\$ 44,000.00	\$ 470.00	\$ 18,800.00	\$ 631.25	\$ 25,250.00	\$ 510.00	\$ 20,400.00
13	505S-B	Encasement Pipe 24 In. Dia., Type Steel ASTM A134	20	LF	\$ 225.00	\$ 4,500.00	\$ 350.00	\$ 7,000.00	\$ 400.70	\$ 8,014.00	\$ 360.00	\$ 7,200.00
14	505S-B	Encasement Pipe 18 In. Dia., Type Steel ASTM A134	20	LF	\$ 205.00	\$ 4,100.00	\$ 280.00	\$ 5,600.00	\$ 309.69	\$ 6,193.80	\$ 250.00	\$ 5,000.00
15	506S-AB	Removal of Existing Sanitary Sewer Manholes	3	EA	\$ 3,320.00	\$ 9,960.00	\$ 1,800.00	\$ 5,400.00	\$ 2,300.00	\$ 6,900.00	\$ 3,900.00	\$ 11,700.00
16	506S-M-WW	Standard Pre-cast Manhole w/ Pre-cast Base, 60 In. Dia.	3	EA	\$ 12,500.00	\$ 37,500.00	\$ 18,000.00	\$ 54,000.00	\$ 13,733.56	\$ 41,200.68	\$ 16,500.00	\$ 49,500.00
17	506S-D-WW	Drop Manhole w/ Pre-cast Base, 60 In. Dia.	1	EA	\$ 19,130.00	\$ 19,130.00	\$ 26,000.00	\$ 26,000.00	\$ 23,210.16	\$ 23,210.16	\$ 38,000.00	\$ 38,000.00
18	506S-CN-WW	Connection to Existing Manhole, 60 In. Dia	3	EA	\$ 2,700.00	\$ 8,100.00	\$ 3,800.00	\$ 11,400.00	\$ 5,010.17	\$ 15,030.51	\$ 5,700.00	\$ 17,100.00
19	506S-EDM-WW	Extra Depth of Manhole, 60 In. Dia.	20	VF	\$ 870.00	\$ 17,400.00	\$ 900.00	\$ 18,000.00	\$ 723.35	\$ 14,467.00	\$ 850.00	\$ 17,000.00
20	509S-1	Trench Excavation Safety Protective System, (all depths)	386	LF	\$ 5.00	\$ 1,930.00	\$ 30.00	\$ 11,580.00	\$ 5.75	\$ 2,219.50	\$ 3.00	\$ 1,158.00
21	510-AWW-6 Dia.	Pipe, 6 In. Dia. HDPE (all depths), including excavation and backfill	41	LF	\$ 370.00	\$ 15,170.00	\$ 300.00	\$ 12,300.00	\$ 497.95	\$ 20,415.95	\$ 970.00	\$ 39,770.00
22	510-AWW-10 Dia.	Pipe, 10 In. Dia. HDPE (all depths), including excavation and backfill	46	LF	\$ 315.00	\$ 14,490.00	\$ 330.00	\$ 15,180.00	\$ 500.42	\$ 23,019.32	\$ 1,000.00	\$ 46,000.00
23	510-AWW-18 Dia.	Pipe, 18 In. Dia. SDR 26 160 psi Type (all depths), including excavation and backfill	340	LF	\$ 240.00	\$ 81,600.00	\$ 550.00	\$ 187,000.00	\$ 605.20	\$ 205,768.00	\$ 360.00	\$ 122,400.00
24	510-LSS-1"	1" Lift Station Water Service with Backflow Prevention Assembly and Yard Hydrant	1	EA	\$ 5,300.00	\$ 5,300.00	\$ 6,300.00	\$ 6,300.00	\$ 6,817.92	\$ 6,817.92	\$ 8,500.00	\$ 8,500.00
25	510-SWSR-W 1" Dia	1" Dia. Short Water Service Relay	1	EA	\$ 3,500.00	\$ 3,500.00	\$ 3,400.00	\$ 3,400.00	\$ 5,175.00	\$ 5,175.00	\$ 4,100.00	\$ 4,100.00
26	510-VIDEO-WW	Video Inspection of Sanitary Sewer	340	LF	\$ 8.00	\$ 2,720.00	\$ 8.50	\$ 2,890.00	\$ 8.05	\$ 2,737.00	\$ 15.00	\$ 5,100.00
27	602S-A	Bermuda Block Sodding	128	SY	\$ 44.00	\$ 5,632.00	\$ 15.00	\$ 1,920.00	\$ 11.50	\$ 1,472.00	\$ 100.00	\$ 12,800.00
28	610S-R	Removal of Existing Trees	2	EA	\$ 1,915.00	\$ 3,830.00	\$ 1,500.00	\$ 3,000.00	\$ 575.00	\$ 1,150.00	\$ 6,500.00	\$ 13,000.00
29	639S	Rock Berm	30	LF	\$ 60.00	\$ 1,800.00	\$ 49.00	\$ 1,470.00	\$ 57.50	\$ 1,725.00	\$ 410.00	\$ 12,300.00
30	641S	Stabalized Construction Entrance	1	EA	\$ 2,700.00	\$ 2,700.00	\$ 3,700.00	\$ 3,700.00	\$ 2,875.00	\$ 2,875.00	\$ 2,000.00	\$ 2,000.00
31	642S	Silt Fence for Erosion Control	359	LF	\$ 7.00	\$ 2,513.00	\$ 4.00	\$ 1,436.00	\$ 4.60	\$ 1,651.40	\$ 6.00	\$ 2,154.00
32	648S	Mulch Sock	300	LF	\$ 11.00	\$ 3,300.00	\$ 6.50	\$ 1,950.00	\$ 13.80	\$ 4,140.00	\$ 8.00	\$ 2,400.00
33	SP403S-A	Lift Station Wet Well Concrete	1	LS	\$ 170,000.00	\$ 170,000.00	\$ 166,000.00	\$ 166,000.00	\$ 288,243.22	\$ 288,243.22	\$ 265,000.00	\$ 265,000.00
34	SP403S-B	Generator Slab	5.5	CY	\$ 3,500.00	\$ 19,250.00	\$ 3,700.00	\$ 20,350.00	\$ 1,380.00	\$ 7,590.00	\$ 2,000.00	\$ 11,000.00
35	SP403S-C	Transformer Slab	7.3	CY	\$ 900.00	\$ 6,570.00	\$ 3,600.00	\$ 26,280.00	\$ 1,380.00	\$ 10,074.00	\$ 1,680.00	\$ 12,264.00
36	SP403S-D	Equipment Rack Foundation	4.5	CY	\$ 2,000.00	\$ 9,000.00	\$ 5,000.00	\$ 22,500.00	\$ 1,380.00	\$ 6,210.00	\$ 2,400.00	\$ 10,800.00
37	SP403S-E	Antenna Foundation	9.5	CY	\$ 800.00	\$ 7,600.00	\$ 2,400.00	\$ 22,800.00	\$ 1,380.00	\$ 13,110.00	\$ 1,700.00	\$ 16,150.00
38	SS01540	Bypass Pumping - Complete in place	1	LS	\$ 37,500.00	\$ 37,500.00	\$ 124,000.00	\$ 124,000.00	\$ 46,000.00	\$ 46,000.00	\$ 220,000.00	\$ 220,000.00
39	SS1510	AC Pipe Removal	206	LF	\$ 40.00	\$ 8,240.00	\$ 55.00	\$ 11,330.00	\$ 57.50	\$ 11,845.00	\$ 75.00	\$ 15,450.00
40	LS	Lift Station Wet Well, Piping, Valves, Pumps, Odor Control, and Appertunances Including All Appertenant Work, Complete as Specified and Indicated in the Drawings	1	LS	\$ 391,000.00	\$ 391,000.00	\$ 601,000.00	\$ 601,000.00	\$ 549,733.70	\$ 549,733.70	\$ 420,000.00	\$ 420,000.00
41	26 05 19 - 1	#1/0 Power Conductors and Cables	800	LF	\$ 1.00	\$ 800.00	\$ 7.50	\$ 6,000.00	\$ 0.90	\$ 720.00	\$ 17.00	\$ 13,600.00
42	26 05 19 - 2	#8 Power Conductors and Cables	1200	LF	\$ 1.00	\$ 1,200.00	\$ 3.70	\$ 4,440.00	\$ 0.94	\$ 1,128.00	\$ 14.00	\$ 16,800.00
43	26 05 19 - 3	#12 Power Conductors and Cables	1500	LF	\$ 2.50	\$ 3,750.00	\$ 2.90	\$ 4,350.00	\$ 2.45	\$ 3,675.00	\$ 12.00	\$ 18,000.00
44	26 05 19 - 4	#14 Power Conductors and Cables	3000	LF	\$ 2.15	\$ 6,450.00	\$ 1.50	\$ 4,500.00	\$ 2.10	\$ 6,300.00	\$ 11.00	\$ 33,000.00
45	26 05 26	Grounding and Bonding for Electrical System	1	LS	\$ 17,400.00	\$ 17,400.00	\$ 15,000.00	\$ 15,000.00	\$ 17,005.05	\$ 17,005.05	\$ 31,000.00	\$ 31,000.00
46	26 05 29 - 1	Incoming Meter Panel	1	EA	\$ 1,300.00	\$ 1,300.00	\$ 10,000.00	\$ 10,000.00	\$ 1,269.60	\$ 1,269.60	\$ 10,800.00	\$ 10,800.00
47	26 05 29 - 2	Electrical Rack	1	EA	\$ 8,000.00	\$ 8,000.00	\$ 40,000.00	\$ 40,000.00	\$ 7,841.85	\$ 7,841.85	\$ 10,000.00	\$ 10,000.00
48	26 05 33.13 - 1	1" Conduit for Electrical Systems	1000	LF	\$ 60.00	\$ 60,000.00	\$ 24.00	\$ 24,000.00	\$ 58.56	\$ 58,560.00	\$ 32.00	\$ 32,000.00
49	26 05 33.13 - 2	4" Conduit for Electrical Systems	200	LF	\$ 60.00	\$ 12,000.00	\$ 98.00	\$ 19,600.00	\$ 60.12	\$ 12,024.00	\$ 40.00	\$ 8,000.00
50	26 05 43	Underground Raceways For Electrical Systems	200	LF	\$ 205.00	\$ 41,000.00	\$ 400.00	\$ 80,000.00	\$ 199.76	\$ 39,952.00	\$ 140.00	\$ 28,000.00
51	26 05 73	Power System Study	1	LS	\$ 8,500.00	\$ 8,500.00	\$ 6,600.00	\$ 6,600.00	\$ 8,337.50	\$ 8,337.50	\$ 5,500.00	\$ 5,500.00
52	26 08 00	Commissioning of Electrical Systems Provisions	1	LS	\$ 4,100.00	\$ 4,100.00	\$ 3,000.00	\$ 3,000.00	\$ 4,025.00	\$ 4,025.00	\$ 10,800.00	\$ 10,800.00
53	26 21 26 -1	Pull Boxes	4	EA	\$ 7,600.00	\$ 30,400.00	\$ 3,200.00	\$ 12,800.00	\$ 7,475.00	\$ 29,900.00	\$ 6,480.00	\$ 25,920.00
54	26 27 26 -2	Receptacles	2	EA	\$ 225.00	\$ 450.00	\$ 5,300.00	\$ 10,600.00	\$ 218.50	\$ 437.00	\$ 810.00	\$ 1,620.00
55	26 24 16	Panelboard with Mini Power Zone 15KVA	1	EA	\$ 25,300.00	\$ 25,300.00	\$ 28,000.00	\$ 28,000.00	\$ 24,811.25	\$ 24,811.25	\$ 30,000.00	\$ 30,000.00
56	26 28 16	Low Voltage Enclosed Circuit Breakers and Disconnect Switches	1	EA	\$ 35,800.00	\$ 35,800.00	\$ 26,000.00	\$ 26,000.00	\$ 35,117.55	\$ 35,117.55	\$ 10,500.00	\$ 10,500.00
57	26 29 93	Variable Frequency Drive	3	EA	\$ 2,400.00	\$ 7,200.00	\$ 1,300.00	\$ 3,900.00	\$ 9,200.00	\$ 27,600.00	\$ 7,500.00	\$ 22,500.00
58	26 32 13	Diesel Engine Driven Generator Sets	1	EA	\$ 100,000.00	\$ 100,000.00	\$ 86,000.00	\$ 86,000.00	\$ 98,267.50	\$ 98,267.50	\$ 54,200.00	\$ 54,200.00
59	26 36 23	Automatic Transfer Switches	1	EA	\$ 14,700.00	\$ 14,700.00	\$ 14,500.00	\$ 14,500.00	\$ 14,375.00	\$ 14,375.00	\$ 8,400.00	\$ 8,400.00
60	26 50 00-1	Area Lighting	2	EA	\$ 4,200.00	\$ 8,400.00	\$ 4,800.00	\$ 9,600.00	\$ 4,084.23	\$ 8,168.46	\$ 10,800.00	\$ 21,600.00
61	26 50 00-2	Rack Lighting	2	EA	\$ 3,500.00	\$ 7,000.00	\$ 4,800.00	\$ 9,600.00	\$ 3,404.00	\$ 6,808.00	\$ 1,700.00	\$ 3,400.00
62	33 71 19.13	Electrical Manholes and Handholes	1	LS	\$ 7,600.00	\$ 7,600.00	\$ 20,000.00	\$ 20,000.00	\$ 7,475.00	\$ 7,475.00	\$ 8,650.00	\$ 8,650.00
63	33 73 16	Dewatering	1	LS	\$ 4,100.00	\$ 4,100.00	\$ 3,000.00	\$ 3,000.00	\$ 23,000.00	\$ 23,000.00	\$ 34,500.00	\$ 34,500.00
64	40 61 18	Application Engineering Services	1	LS	\$ 32,600.00	\$ 32,600.00	\$ 28,000.00	\$ 28,000.00	\$ 31,939.18	\$ 31,939.18	\$ 30,000.00	\$ 30,000.00
65	40 61 21	Process Control System Testing	1	LS	\$ 96,500.00	\$ 96,500.00	\$ 94,000.00	\$ 94,000.00	\$ 94,533.68	\$ 94,533.68	\$ 100,000.00	\$ 100,000.00
66	40 63 43	Programmable Logic Controller	1	LS	\$ 75,900.00	\$ 75,900.00	\$ 72,000.00	\$ 72,000.00	\$ 74,397.18	\$ 74,397.18	\$ 80,000.00	\$ 80,000.00
67	40 63 84	Pump Controller	1	LS	\$ 2,400.00	\$ 2,400.00	\$ 7,700.00	\$ 7,700.00	\$ 13,800.00	\$ 13,800.00	\$ 23,000.00	\$ 23,000.00
68	40 66 00	Network and Communication Equipment	1	LS	\$ 23,000.00	\$ 23,000.00	\$ 18,000.00	\$ 18,000.00	\$ 22,608.93	\$ 22,608.93	\$ 20,000.00	\$ 20,000.00
69	40 66 53	Radio Equipment And Systems	1	LS	\$ 45,800.00	\$ 45,800.00	\$ 53,000.00	\$ 53,000.00	\$ 44,865.18	\$ 44,865.18	\$ 45,000.00	\$ 45,000.00
70	40 67 00	Control Panel Enclosures and Panel Equipment	1	LS	\$ 44,600.00	\$ 44,600.00	\$ 47,000.00	\$ 47,000.00	\$ 43,736.18	\$ 43,736.18	\$ 43,000.00	\$ 43,000.00
71	40 67 63	Uninterruptible Power Supply	1	LS	\$ 15,300.00	\$ 15,300.00	\$ 11,000.00	\$ 11,000.00	\$ 14,953.68	\$ 14,953.68	\$ 9,000.00	\$ 9,000.00
72	40 71 00	Flow Measurement	1	LS	\$ 24,800.00	\$ 24,800.00	\$ 7,500.00	\$ 7,500.00	\$ 24,303.18	\$ 24,303.18	\$ 21,000.00	\$ 21,000.00
73	40 72 00	Level Measurement	1	LS	\$ 13,000.00	\$ 13,000.00	\$ 20,000.00	\$ 20,000.00	\$ 12,774.43	\$ 12,774.43	\$ 6,500.00	\$ 6,500.00
74	40 73 00	Pressure Measurement	1	LS	\$ 19,600.00	\$ 19,600.00	\$ 3,200.00	\$ 3,200.00	\$ 19,197.18	\$ 19,197.18	\$ 14,000.00	\$ 14,000.00
					<b>BASE BID TOTAL:</b>	<b>\$ 1,937,035.00</b>						

GENERAL					AARON CONCRETE CONTRACTORS,LLC		KEYSTONE CONSTRUCTION		QRO MEX CONSTRUCTION COMPANY,INC	
Item No.	Spec. Reference	Item Description	Quantity	Unit	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
1	101S-C	Preparing Right-of-Way (Max 5%)	1	LS	\$ 65,000.00	\$ 65,000.00	\$ 1,000.00	\$ 1,000.00	\$ 80,000.00	\$ 80,000.00
2	700S-TM	Mobilization (Max 10%)	1	LS	\$ 85,000.00	\$ 85,000.00	\$ 230,000.00	\$ 230,000.00	\$ 160,000.00	\$ 160,000.00
3	802S-B C.I.P.	C.I.P. Project Signs	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 750.00	\$ 750.00	\$ 4,000.00	\$ 4,000.00
4	803S-MO	Barricades, Signs, and Traffic Handling	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 8,000.00	\$ 8,000.00	\$ 25,000.00	\$ 25,000.00
5	SC	Contingency	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
6	104S-C	Remove P.C. Concrete Sidewalks and Driveways	328	SF	\$ 6.00	\$ 1,968.00	\$ 25.00	\$ 8,200.00	\$ 25.00	\$ 8,200.00
7	307S	Tack Coat	3	GAL	\$ 90.00	\$ 270.00	\$ 790.00	\$ 2,370.00	\$ 22.00	\$ 66.00
8	340S-B-B	Hot Mix Asphaltic Concrete Pavement, 10 Inches, Type B	27	SY	\$ 620.00	\$ 16,740.00	\$ 155.00	\$ 4,185.00	\$ 120.00	\$ 3,240.00
9	340S-B-D	Hot Mix Asphaltic Concrete Pacement, 2 Inches, Type D	27	SY	\$ 155.00	\$ 4,185.00	\$ 105.00	\$ 2,835.00	\$ 44.00	\$ 1,188.00
10	432S-4	New P.C. Concrete Sidewalks, 4 Inch thickness	101	SF	\$ 70.00	\$ 7,070.00	\$ 100.00	\$ 10,100.00	\$ 44.00	\$ 4,444.00
11	433S-A	Type 1 P.C. Concrete Driveway	2944	SF	\$ 24.00	\$ 70,656.00	\$ 30.00	\$ 88,320.00	\$ 32.00	\$ 94,208.00
12	505S-B	Encasement Pipe 30 In. Dia., Type Steel ASTM A134	40	LF	\$ 900.00	\$ 36,000.00	\$ 1,100.00	\$ 44,000.00	\$ 880.00	\$ 35,200.00
13	505S-B	Encasement Pipe 24 In. Dia., Type Steel ASTM A134	20	LF	\$ 800.00	\$ 16,000.00	\$ 780.00	\$ 15,600.00	\$ 570.00	\$ 11,400.00
14	505S-B	Encasement Pipe 18 In. Dia., Type Steel ASTM A134	20	LF	\$ 540.00	\$ 10,800.00	\$ 740.00	\$ 14,800.00	\$ 430.00	\$ 8,600.00
15	506S-AB	Removal of Existing Sanitary Sewer Manholes	3	EA	\$ 6,500.00	\$ 19,500.00	\$ 1,000.00	\$ 3,000.00	\$ 2,000.00	\$ 6,000.00
16	506S-M-WW	Standard Pre-cast Manhole w/ Pre-cast Base, 60 In. Dia.	3	EA	\$ 19,000.00	\$ 57,000.00	\$ 17,500.00	\$ 52,500.00	\$ 19,000.00	\$ 57,000.00
17	506S-D-WW	Drop Manhole w/ Pre-cast Base, 60 In. Dia.	1	EA	\$ 33,000.00	\$ 33,000.00	\$ 16,500.00	\$ 16,500.00	\$ 32,000.00	\$ 32,000.00
18	506S-CN-WW	Connection to Existing Manhole, 60 In. Dia	3	EA	\$ 1,500.00	\$ 4,500.00	\$ 3,000.00	\$ 9,000.00	\$ 3,400.00	\$ 10,200.00
19	506S-EDM-WW	Extra Depth of Manhole, 60 In. Dia.	20	VF	\$ 1,500.00	\$ 30,000.00	\$ 660.00	\$ 13,200.00	\$ 600.00	\$ 12,000.00
20	509S-1	Trench Excavation Safety Protective System, (all depths)	386	LF	\$ 35.00	\$ 13,510.00	\$ 7.00	\$ 2,702.00	\$ 25.00	\$ 9,650.00
21	510-AWW-6 Dia.	Pipe, 6 In. Dia. HDPE (all depths), including excavation and backfill	41	LF	\$ 360.00	\$ 14,760.00	\$ 185.00	\$ 7,585.00	\$ 260.00	\$ 10,660.00
22	510-AWW-10 Dia.	Pipe, 10 In. Dia. HDPE (all depths), including excavation and backfill	46	LF	\$ 465.00	\$ 21,390.00	\$ 250.00	\$ 11,500.00	\$ 260.00	\$ 11,960.00
23	510-AWW-18 Dia.	Pipe, 18 In. Dia. SDR 26 160 psi Type (all depths), including excavation and backfill	340	LF	\$ 280.00	\$ 95,200.00	\$ 235.00	\$ 79,900.00	\$ 320.00	\$ 108,800.00
24	510-LSS-1"	1" Lift Station Water Service with Backflow Prevention Assembly and Yard Hydrant	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 8,000.00	\$ 8,000.00	\$ 5,300.00	\$ 5,300.00
25	510-SWSR-W 1" Dia	1" Dia. Short Water Service Relay	1	EA	\$ 4,000.00	\$ 4,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,700.00	\$ 2,700.00
26	510-VIDEO-WW	Video Inspection of Sanitary Sewer	340	LF	\$ 9.00	\$ 3,060.00	\$ 20.00	\$ 6,800.00	\$ 7.00	\$ 2,380.00
27	602S-A	Bermuda Block Sodding	128	SY	\$ 17.00	\$ 2,176.00	\$ 10.00	\$ 1,280.00	\$ 16.00	\$ 2,048.00
28	610S-R	Removal of Existing Trees	2	EA	\$ 3,000.00	\$ 6,000.00	\$ 2,000.00	\$ 4,000.00	\$ 3,900.00	\$ 7,800.00
29	639S	Rock Berm	30	LF	\$ 57.00	\$ 1,710.00	\$ 63.00	\$ 1,890.00	\$ 78.00	\$ 2,340.00
30	641S	Stabalized Construction Entrance	1	EA	\$ 4,300.00	\$ 4,300.00	\$ 2,100.00	\$ 2,100.00	\$ 3,000.00	\$ 3,000.00
31	642S	Silt Fence for Erosion Control	359	LF	\$ 5.00	\$ 1,795.00	\$ 4.00	\$ 1,436.00	\$ 7.00	\$ 2,513.00
32	648S	Mulch Sock	300	LF	\$ 7.00	\$ 2,100.00	\$ 8.00	\$ 2,400.00	\$ 20.00	\$ 6,000.00
33	SP403S-A	Lift Station Wet Well Concrete	1	LS	\$ 380,000.00	\$ 380,000.00	\$ 15,000.00	\$ 15,000.00	\$ 35,000.00	\$ 35,000.00
34	SP403S-B	Generator Slab	5.5	CY	\$ 3,650.00	\$ 20,075.00	\$ 800.00	\$ 4,400.00	\$ 8,000.00	\$ 44,000.00
35	SP403S-C	Transformer Slab	7.3	CY	\$ 2,850.00	\$ 20,805.00	\$ 800.00	\$ 5,840.00	\$ 7,500.00	\$ 54,750.00
36	SP403S-D	Equipment Rack Foundation	4.5	CY	\$ 14,000.00	\$ 63,000.00	\$ 800.00	\$ 3,600.00	\$ 34,000.00	\$ 153,000.00
37	SP403S-E	Antenna Foundation	9.5	CY	\$ 2,100.00	\$ 19,950.00	\$ 800.00	\$ 7,600.00	\$ 18,000.00	\$ 171,000.00
38	SS01540	Bypass Pumping - Complete in place	1	LS	\$ 120,000.00	\$ 120,000.00	\$ 25,000.00	\$ 25,000.00	\$ 160,000.00	\$ 160,000.00
39	SS1510	AC Pipe Removal	206	LF	\$ 50.00	\$ 10,300.00	\$ 100.00	\$ 20,600.00	\$ 150.00	\$ 30,900.00
40	LS	Lift Station Wet Well, Piping, Valves, Pumps, Odor Control, and Appertunances Including All Appertenant Work, Complete as Specified and Indicated in the Drawings	1	LS	\$ 385,000.00	\$ 385,000.00	\$ 1,467,800.00	\$ 1,467,800.00	\$ 990,000.00	\$ 990,000.00
41	26 05 19 - 1	#1/0 Power Conductors and Cables	800	LF	\$ 8.00	\$ 6,400.00	\$ 0.90	\$ 720.00	\$ 6.00	\$ 4,800.00
42	26 05 19 - 2	#8 Power Conductors and Cables	1200	LF	\$ 4.00	\$ 4,800.00	\$ 0.85	\$ 1,020.00	\$ 8.00	\$ 9,600.00
43	26 05 19 - 3	#12 Power Conductors and Cables	1500	LF	\$ 3.00	\$ 4,500.00	\$ 2.25	\$ 3,375.00	\$ 5.00	\$ 7,500.00
44	26 05 19 - 4	#14 Power Conductors and Cables	3000	LF	\$ 2.00	\$ 6,000.00	\$ 1.95	\$ 5,850.00	\$ 6.00	\$ 18,000.00
45	26 05 26	Grounding and Bonding for Electrical System	1	LS	\$ 15,600.00	\$ 15,600.00	\$ 16,000.00	\$ 16,000.00	\$ 20,000.00	\$ 20,000.00
46	26 05 29 - 1	Incoming Meter Panel	1	EA	\$ 10,600.00	\$ 10,600.00	\$ 1,250.00	\$ 1,250.00	\$ 4,000.00	\$ 4,000.00
47	26 05 29 - 2	Electrical Rack	1	EA	\$ 21,600.00	\$ 21,600.00	\$ 10,000.00	\$ 10,000.00	\$ 14,000.00	\$ 14,000.00
48	26 05 33.13 - 1	1" Conduit for Electrical Systems	1000	LF	\$ 25.00	\$ 25,000.00	\$ 55.00	\$ 55,000.00	\$ 78.00	\$ 78,000.00
49	26 05 33.13 - 2	4" Conduit for Electrical Systems	200	LF	\$ 100.00	\$ 20,000.00	\$ 50.00	\$ 10,000.00	\$ 140.00	\$ 28,000.00
50	26 05 43	Underground Raceways For Electrical Systems	200	LF	\$ 420.00	\$ 84,000.00	\$ 150.00	\$ 30,000.00	\$ 220.00	\$ 44,000.00
51	26 05 73	Power System Study	1	LS	\$ 6,900.00	\$ 6,900.00	\$ 8,000.00	\$ 8,000.00	\$ 16,000.00	\$ 16,000.00
52	26 08 00	Commissioning of Electrical Systems Provisions	1	LS	\$ 3,100.00	\$ 3,100.00	\$ 10,000.00	\$ 10,000.00	\$ 8,000.00	\$ 8,000.00
53	26 21 26 -1	Pull Boxes	4	EA	\$ 3,400.00	\$ 13,600.00	\$ 6,500.00	\$ 26,000.00	\$ 12,000.00	\$ 48,000.00
54	26 27 26 -2	Receptacles	2	EA	\$ 5,500.00	\$ 11,000.00	\$ 800.00	\$ 1,600.00	\$ 340.00	\$ 680.00
55	26 24 16	Panelboard with Mini Power Zone 15KVA	1	EA	\$ 29,000.00	\$ 29,000.00	\$ 30,000.00	\$ 30,000.00	\$ 34,000.00	\$ 34,000.00
56	26 28 16	Low Voltage Enclosed Circuit Breakers and Disconnect Switches	1	EA	\$ 27,000.00	\$ 27,000.00	\$ 11,000.00	\$ 11,000.00	\$ 44,000.00	\$ 44,000.00
57	26 29 93	Variable Frequency Drive	3	EA	\$ 1,300.00	\$ 3,900.00	\$ 1,000.00	\$ 3,000.00	\$ 22,000.00	\$ 66,000.00
58	26 32 13	Diesel Engine Driven Generator Sets	1	EA	\$ 90,000.00	\$ 90,000.00	\$ 56,000.00	\$ 56,000.00	\$ 120,000.00	\$ 120,000.00
59	26 36 23	Automatic Transfer Switches	1	EA	\$ 15,000.00	\$ 15,000.00	\$ 8,500.00	\$ 8,500.00	\$ 18,000.00	\$ 18,000.00
60	26 50 00-1	Area Lighting	2	EA	\$ 5,000.00	\$ 10,000.00	\$ 10,500.00	\$ 21,000.00	\$ 10,000.00	\$ 20,000.00
61	26 50 00-2	Rack Lighting	2	EA	\$ 5,000.00	\$ 10,000.00	\$ 1,700.00	\$ 3,400.00	\$ 8,999.00	\$ 17,998.00
62	33 71 19.13	Electrical Manholes and Handholes	1	LS	\$ 21,000.00	\$ 21,000.00	\$ 8,500.00	\$ 8,500.00	\$ 9,000.00	\$ 9,000.00
63	33 73 16	Dewatering	1	LS	\$ 145,000.00	\$ 145,000.00	\$ 27,000.00	\$ 27,000.00	\$ 56,000.00	\$ 56,000.00
64	40 61 18	Application Engineering Services	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 80,000.00	\$ 80,000.00
65	40 61 21	Process Control System Testing	1	LS	\$ 98,000.00	\$ 98,000.00	\$ 100,000.00	\$ 100,000.00	\$ 120,000.00	\$ 120,000.00
66	40 63 43	Programmable Logic Controller	1	LS	\$ 76,000.00	\$ 76,000.00	\$ 65,000.00	\$ 65,000.00	\$ 102,000.00	\$ 102,000.00
67	40 63 84	Pump Controller	1	LS	\$ 8,000.00	\$ 8,000.00	\$ 80,000.00	\$ 80,000.00	\$ 54,000.00	\$ 54,000.00
68	40 66 00	Network and Communication Equipment	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 68,888.00	\$ 68,888.00
69	40 66 53	Radio Equipment And Systems	1	LS	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 82,000.00	\$ 82,000.00
70	40 67 00	Control Panel Enclosures and Panel Equipment	1	LS	\$ 49,000.00	\$ 49,000.00	\$ 58,000.00	\$ 58,000.00	\$ 81,456.00	\$ 81,456.00
71	40 67 63	Uninterruptible Power Supply	1	LS	\$ 11,000.00	\$ 11,000.00	\$ 9,000.00	\$ 9,000.00	\$ 52,000.00	\$ 52,000.00
72	40 71 00	Flow Measurement	1	LS	\$ 21,000.00	\$ 21,000.00	\$ 20,000.00	\$ 20,000.00	\$ 65,000.00	\$ 65,000.00
73	40 72 00	Level Measurement	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 6,500.00	\$ 6,500.00	\$ 54,000.00	\$ 54,000.00
74	40 73 00	Pressure Measurement	1	LS	\$ 16,000.00	\$ 16,000.00	\$ 13,500.00	\$ 13,500.00	\$ 68,900.00	\$ 68,900.00
					<b>BASE BID TOTAL:</b>	<b>\$ 2,767,320.00</b>	<b>BID TOTAL:</b>	<b>\$ 3,113,008.00</b>	<b>BASE BID TOTAL:</b>	<b>\$ 3,980,369.00</b>
ADD ALT 1	701S-T	Temporary Fence, 8 Foot High, Chain Link Type	260	LF	\$ 85.00	\$ 22,100.00	\$ 55.00	\$ 14,300.00	\$ 120.00	\$ 31,200.00
ADD ALT 2	701S-CD	Chain Link Vehicular Double Swing Gate	1	EA	\$ 6,500.00	\$ 6,500.00	\$ 10,000.00	\$ 10,000.00	\$ 4,800.00	\$ 4,800.00
					<b>ALT BID TOTAL:</b>	<b>\$ 28,600.00</b>	<b>BID TOTAL:</b>	<b>\$ 24,300.00</b>	<b>ALT BID TOTAL:</b>	<b>\$ 36,000.00</b>

GENERAL					Average All Bids	Max	Min	ENGINEER'S OPCC		\$ of Difference (Low to OPCC)	% of Difference (Low to OPCC)
Item No.	Spec. Reference	Item Description	Quantity	Unit				Unit Price	Item Cost		
1	101S-C	Preparing Right-of-Way (Max 5%)	1	LS	\$ 39,314.29	\$ 80,000.00	\$ 1,000.00	\$ 84,170.00	\$ 84,170.00	\$ 79,470.00	94.42%
2	700S-TM	Mobilization (Max 10%)	1	LS	\$ 130,785.71	\$ 230,000.00	\$ 23,500.00	\$ 168,340.00	\$ 168,340.00	\$ 144,840.00	86.04%
3	802S-B C.I.P.	C.I.P. Project Signs	1	EA	\$ 2,464.29	\$ 5,000.00	\$ 750.00	\$ 1,500.00	\$ 1,500.00	\$ (300.00)	-20.00%
4	803S-MO	Barricades, Signs, and Traffic Handling	1	LS	\$ 19,880.43	\$ 30,000.00	\$ 8,000.00	\$ 20,000.00	\$ 20,000.00	\$ 4,500.00	22.50%
5	SC	Contingency	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 391,487.00	\$ 391,487.00	\$ 291,487.00	74.46%
6	104S-C	Remove P.C. Concrete Sidewalks and Driveways	328	SF	\$ 5,002.00	\$ 8,200.00	\$ 1,886.00	\$ 15.00	\$ 4,920.00	\$ 1,640.00	33.33%
7	307S	Tack Coat	3	GAL	\$ 462.64	\$ 2,370.00	\$ 18.00	\$ 10.00	\$ 30.00	\$ (210.00)	-700.00%
8	340S-B-B	Hot Mix Asphaltic Concrete Pavement, 10 Inches, Type B	27	SY	\$ 7,857.12	\$ 16,740.00	\$ 2,484.00	\$ 100.00	\$ 2,700.00	\$ (12,285.00)	-455.00%
9	340S-B-D	Hot Mix Asphaltic Concrete Pavement, 2 Inches, Type D	27	SY	\$ 3,367.29	\$ 5,400.00	\$ 1,188.00	\$ 150.00	\$ 4,050.00	\$ 270.00	6.67%
10	432S-4	New P.C. Concrete Sidewalks, 4 Inch thickness	101	SF	\$ 5,997.96	\$ 10,100.00	\$ 2,090.70	\$ 25.00	\$ 2,525.00	\$ -	0.00%
11	433S-A	Type 1 P.C. Concrete Driveway	2944	SF	\$ 65,735.31	\$ 94,208.00	\$ 29,440.00	\$ 23.00	\$ 67,712.00	\$ 38,272.00	56.52%
12	505S-B	Encasement Pipe 30 In. Dia., Type Steel ASTM A134	40	LF	\$ 31,950.00	\$ 44,000.00	\$ 18,800.00	\$ 890.00	\$ 35,600.00	\$ (8,400.00)	-23.60%
13	505S-B	Encasement Pipe 24 In. Dia., Type Steel ASTM A134	20	LF	\$ 9,959.14	\$ 16,000.00	\$ 4,500.00	\$ 800.00	\$ 16,000.00	\$ 11,500.00	71.88%
14	505S-B	Encasement Pipe 18 In. Dia., Type Steel ASTM A134	20	LF	\$ 7,870.54	\$ 14,800.00	\$ 4,100.00	\$ 760.00	\$ 15,200.00	\$ 11,100.00	73.03%
15	506S-AB	Removal of Existing Sanitary Sewer Manholes	3	EA	\$ 8,922.86	\$ 19,500.00	\$ 3,000.00	\$ 1,000.00	\$ 3,000.00	\$ (6,960.00)	-232.00%
16	506S-M-WW	Standard Pre-cast Manhole w/ Pre-cast Base, 60 In. Dia.	3	EA	\$ 49,814.38	\$ 57,000.00	\$ 37,500.00	\$ 15,000.00	\$ 45,000.00	\$ 7,500.00	16.67%
17	506S-D-WW	Drop Manhole w/ Pre-cast Base, 60 In. Dia.	1	EA	\$ 26,834.31	\$ 38,000.00	\$ 16,500.00	\$ 20,000.00	\$ 20,000.00	\$ 870.00	4.35%
18	506S-CN-WW	Connection to Existing Manhole, 60 In. Dia	3	EA	\$ 10,761.50	\$ 17,100.00	\$ 4,500.00	\$ 5,000.00	\$ 15,000.00	\$ 6,900.00	46.00%
19	506S-EDM-WW	Extra Depth of Manhole, 60 In. Dia.	20	VF	\$ 17,438.14	\$ 30,000.00	\$ 12,000.00	\$ 1,000.00	\$ 20,000.00	\$ 2,600.00	13.00%
20	509S-1	Trench Excavation Safety Protective System, (all depths)	386	LF	\$ 6,107.07	\$ 13,510.00	\$ 1,158.00	\$ 5.00	\$ 1,930.00	\$ -	0.00%
21	510-AWW-6 Dia.	Pipe, 6 In. Dia. HDPE (all depths), including excavation and backfill	41	LF	\$ 17,237.28	\$ 39,770.00	\$ 7,585.00	\$ 100.00	\$ 4,100.00	\$ (11,070.00)	-270.00%
22	510-AWW-10 Dia.	Pipe, 10 In. Dia. HDPE (all depths), including excavation and backfill	46	LF	\$ 20,505.62	\$ 46,000.00	\$ 11,500.00	\$ 140.00	\$ 6,440.00	\$ (8,050.00)	-125.00%
23	510-AWW-18 Dia.	Pipe, 18 In. Dia. SDR 26 160 psi Type (all depths), including excavation and backfill	340	LF	\$ 125,809.71	\$ 205,768.00	\$ 79,900.00	\$ 325.00	\$ 110,500.00	\$ 28,900.00	26.15%
24	510-LSS-1"	1" Lift Station Water Service with Backflow Prevention Assembly and Yard Hydrant	1	EA	\$ 7,173.99	\$ 10,000.00	\$ 5,300.00	\$ 3,500.00	\$ 3,500.00	\$ (1,800.00)	-51.43%
25	510-SWSR-W 1" Dia	1" Dia. Short Water Service Relay	1	EA	\$ 3,982.14	\$ 5,175.00	\$ 2,700.00	\$ 4,500.00	\$ 4,500.00	\$ 1,000.00	22.22%
26	510-VIDEO-WW	Video Inspection of Sanitary Sewer	340	LF	\$ 3,669.57	\$ 6,800.00	\$ 2,380.00	\$ 15.00	\$ 5,100.00	\$ 2,380.00	46.67%
27	602S-A	Bermuda Block Sodding	128	SY	\$ 3,904.00	\$ 12,800.00	\$ 1,280.00	\$ 10.00	\$ 1,280.00	\$ (4,352.00)	-340.00%
28	610S-R	Removal of Existing Trees	2	EA	\$ 5,540.00	\$ 13,000.00	\$ 1,150.00	\$ 1,000.00	\$ 2,000.00	\$ (1,830.00)	-91.50%
29	639S	Rock Berm	30	LF	\$ 3,319.29	\$ 12,300.00	\$ 1,470.00	\$ 50.00	\$ 1,500.00	\$ (300.00)	-20.00%
30	641S	Stabalized Construction Entrance	1	EA	\$ 2,953.57	\$ 4,300.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ (700.00)	-35.00%
31	642S	Silt Fence for Erosion Control	359	LF	\$ 1,928.34	\$ 2,513.00	\$ 1,436.00	\$ 5.00	\$ 1,795.00	\$ (718.00)	-40.00%
32	648S	Mulch Sock	300	LF	\$ 3,184.29	\$ 6,000.00	\$ 1,950.00	\$ 5.00	\$ 1,500.00	\$ (1,800.00)	-120.00%
33	SP403S-A	Lift Station Wet Well Concrete	1	LS	\$ 188,463.32	\$ 380,000.00	\$ 15,000.00	\$ 115,000.00	\$ 115,000.00	\$ (55,000.00)	-47.83%
34	SP403S-B	Generator Slab	5.5	CY	\$ 18,095.00	\$ 44,000.00	\$ 4,400.00	\$ 1,000.00	\$ 5,500.00	\$ (13,750.00)	-250.00%
35	SP403S-C	Transformer Slab	7.3	CY	\$ 19,511.86	\$ 54,750.00	\$ 5,840.00	\$ 1,000.00	\$ 7,300.00	\$ 730.00	10.00%
36	SP403S-D	Equipment Rack Foundation	4.5	CY	\$ 38,301.43	\$ 153,000.00	\$ 3,600.00	\$ 1,000.00	\$ 4,500.00	\$ (4,500.00)	-100.00%
37	SP403S-E	Antenna Foundation	9.5	CY	\$ 36,887.14	\$ 171,000.00	\$ 7,600.00	\$ 800.00	\$ 7,600.00	\$ -	0.00%
38	SS01540	Bypass Pumping - Complete in place	1	LS	\$ 104,642.86	\$ 220,000.00	\$ 25,000.00	\$ 50,000.00	\$ 50,000.00	\$ 12,500.00	25.00%
39	SS1510	AC Pipe Removal	206	LF	\$ 15,523.57	\$ 30,900.00	\$ 8,240.00	\$ 75.00	\$ 15,450.00	\$ 7,210.00	46.67%
40	LS	Lift Station Wet Well, Piping, Valves, Pumps, Odor Control, and Appertunances Including All Appertenant Work, Complete as Specified and Indicated in the Drawings	1	LS	\$ 686,361.96	\$ 1,467,800.00	\$ 385,000.00	\$ 463,300.00	\$ 463,300.00	\$ 72,300.00	15.61%
41	26 05 19 - 1	#10 Power Conductors and Cables	800	LF	\$ 4,720.00	\$ 13,600.00	\$ 720.00	\$ 4.80	\$ 3,840.00	\$ 3,040.00	79.17%
42	26 05 19 - 2	#8 Power Conductors and Cables	1200	LF	\$ 5,569.71	\$ 16,800.00	\$ 1,020.00	\$ 1.40	\$ 1,680.00	\$ 480.00	28.57%
43	26 05 19 - 3	#12 Power Conductors and Cables	1500	LF	\$ 6,450.00	\$ 18,000.00	\$ 3,375.00	\$ 0.80	\$ 1,200.00	\$ (2,550.00)	-212.50%
44	26 05 19 - 4	#14 Power Conductors and Cables	3000	LF	\$ 11,442.86	\$ 33,000.00	\$ 4,500.00	\$ 0.60	\$ 1,800.00	\$ (4,650.00)	-258.33%
45	26 05 26	Grounding and Bonding for Electrical System	1	LS	\$ 18,857.86	\$ 31,000.00	\$ 15,000.00	\$ 10,722.00	\$ 10,722.00	\$ (6,678.00)	-62.28%
46	26 05 29 - 1	Incoming Meter Panel	1	EA	\$ 5,602.80	\$ 10,800.00	\$ 1,250.00	\$ 6,500.00	\$ 6,500.00	\$ 5,200.00	80.00%
47	26 05 29 - 2	Electrical Rack	1	EA	\$ 15,920.26	\$ 40,000.00	\$ 7,841.85	\$ 13,000.00	\$ 13,000.00	\$ 5,000.00	38.46%
48	26 05 33.13 - 1	1" Conduit for Electrical Systems	1000	LF	\$ 47,508.57	\$ 78,000.00	\$ 24,000.00	\$ 35.50	\$ 35,500.00	\$ (24,500.00)	-69.01%
49	26 05 33.13 - 2	4" Conduit for Electrical Systems	200	LF	\$ 15,660.57	\$ 28,000.00	\$ 8,000.00	\$ 47.50	\$ 9,500.00	\$ (2,500.00)	-26.32%
50	26 05 43	Underground Raceways For Electrical Systems	200	LF	\$ 49,564.57	\$ 84,000.00	\$ 28,000.00	\$ 130.00	\$ 26,000.00	\$ (15,000.00)	-57.69%
51	26 05 73	Power System Study	1	LS	\$ 8,548.21	\$ 16,000.00	\$ 5,500.00	\$ 5,000.00	\$ 5,000.00	\$ (3,500.00)	-70.00%
52	26 08 00	Commissioning of Electrical Systems Provisions	1	LS	\$ 6,146.43	\$ 10,800.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 900.00	18.00%
53	26 21 26 -1	Pull Boxes	4	EA	\$ 26,660.00	\$ 48,000.00	\$ 12,800.00	\$ 1,300.00	\$ 5,200.00	\$ (25,200.00)	-484.62%
54	26 27 26 -2	Receptacles	2	EA	\$ 3,769.57	\$ 11,000.00	\$ 437.00	\$ 1,150.00	\$ 2,300.00	\$ 1,850.00	80.43%
55	26 24 16	Panelboard with Mini Power Zone 15KVA	1	EA	\$ 28,730.18	\$ 34,000.00	\$ 24,811.25	\$ 36,400.00	\$ 36,400.00	\$ 11,100.00	30.49%
56	26 28 16	Low Voltage Enclosed Circuit Breakers and Disconnect Switches	1	EA	\$ 27,059.65	\$ 44,000.00	\$ 10,500.00	\$ 13,000.00	\$ 13,000.00	\$ (22,800.00)	-175.38%
57	26 29 93	Variable Frequency Drive	3	EA	\$ 19,157.14	\$ 66,000.00	\$ 3,000.00	\$ 32,500.00	\$ 97,500.00	\$ 90,300.00	92.62%
58	26 32 13	Diesel Engine Driven Generator Sets	1	EA	\$ 86,352.50	\$ 120,000.00	\$ 54,200.00	\$ 65,000.00	\$ 65,000.00	\$ (35,000.00)	-53.85%
59	26 36 23	Automatic Transfer Switches	1	EA	\$ 13,353.57	\$ 18,000.00	\$ 8,400.00	\$ 13,000.00	\$ 13,000.00	\$ (1,700.00)	-13.08%
60	26 50 00-1	Area Lighting	2	EA	\$ 14,109.78	\$ 21,600.00	\$ 8,168.46	\$ 8,050.00	\$ 16,100.00	\$ 7,700.00	47.83%
61	26 50 00-2	Rack Lighting	2	EA	\$ 8,315.14	\$ 17,998.00	\$ 3,400.00	\$ 1,150.00	\$ 2,300.00	\$ (4,700.00)	-204.35%
62	33 71 19.13	Electrical Manholes and Handholes	1	LS	\$ 11,746.43	\$ 21,000.00	\$ 7,475.00	\$ 5,980.00	\$ 5,980.00	\$ (1,620.00)	-27.09%
63	33 73 16	Dewatering	1	LS	\$ 41,800.00	\$ 145,000.00	\$ 3,000.00	\$ 12,000.00	\$ 12,000.00	\$ 7,900.00	65.83%
64	40 61 18	Application Engineering Services	1	LS	\$ 37,505.60	\$ 80,000.00	\$ 28,000.00	\$ 63,650.00	\$ 63,650.00	\$ 31,050.00	48.78%
65	40 61 21	Process Control System Testing	1	LS	\$ 100,433.38	\$ 120,000.00	\$ 94,000.00	\$ 28,680.00	\$ 28,680.00	\$ (67,820.00)	-236.47%
66	40 63 43	Programmable Logic Controller	1	LS	\$ 77,899.60	\$ 102,000.00	\$ 65,000.00	\$ 23,110.00	\$ 23,110.00	\$ (52,790.00)	-228.43%
67	40 63 84	Pump Controller	1	LS	\$ 26,985.71	\$ 80,000.00	\$ 2,400.00	\$ 10,980.00	\$ 10,980.00	\$ 8,580.00	78.14%
68	40 66 00	Network and Communication Equipment	1	LS	\$ 27,499.56	\$ 68,888.00	\$ 18,000.00	\$ 9,880.00	\$ 9,880.00	\$ (13,120.00)	-132.79%
69	40 66 53	Radio Equipment And Systems	1	LS	\$ 54,380.74	\$ 82,000.00	\$ 44,865.18	\$ 23,910.00	\$ 23,910.00	\$ (21,890.00)	-91.55%
70	40 67 00	Control Panel Enclosures and Panel Equipment	1	LS	\$ 52,398.88	\$ 81,456.00	\$ 43,000.00	\$ 36,380.00	\$ 36,380.00	\$ (8,220.00)	-22.59%
71	40 67 63	Uninterruptible Power Supply	1	LS	\$ 17,464.81	\$ 52,000.00	\$ 9,000.00	\$ 4,620.00	\$ 4,620.00	\$ (10,680.00)	-231.17%
72	40 71 00	Flow Measurement	1	LS	\$ 26,229.03	\$ 65,000.00	\$ 7,500.00	\$ 8,980.00	\$ 8,980.00	\$ (15,820.00)	-176.17%
73	40 72 00	Level Measurement	1	LS	\$ 17,539.20	\$ 54,000.00	\$ 6,500.00	\$ 9,660.00	\$ 9,660.00	\$ (3,340.00)	-34.58%
74	40 73 00	Pressure Measurement	1	LS	\$ 22,056.74	\$ 68,900.00	\$ 3,200.00	\$ 8,520.00	\$ 8,520.00	\$ (11,080.00)	-130.05%
					\$ 2,794,958.99	\$ 3,980,369.00	\$ 1,937,035.00	TOTAL: \$ 2,348,921.00	\$ 2,348,921.00	\$ 411,886.00	17.54%
ADD ALT 1	701S-T	Temporary Fence, 8 Foot High, Chain Link Type	260	LF	\$ 15,061.43	\$ 31,200.00	\$ 1,				

**ATTACHMENT B**  
**CONTRACTOR'S REFERENCE CHECK**



### COSM Contractor Reference Check

Project Name: Davis Lane Lift Station & Gravity Main Improvements IFB #: 224-288  
 Consultant Company: Ardurra Bid Opening Date: 1/23/2025  
 Staff Performing Reference Check: James Hoelscher, PE Date of Reference Check: 2/4/2025

*The low bidder will need a minimum of 3 reference checks completed.*

Contractor Company: Austin Underground, Inc Contractor Project Manager: \_\_\_\_\_  
 Referred Project: Forest Creek Lift Station (2018)  
 Project Description: Built new lift station and abandoned old. New generator and electrical. \$1.5 to \$2 million.  
 Person Contacted Name: Kit Perkins Telephone # 512-341-3145  
 Person Contacted Company: City of Round Rock  
 Person Contacted Role: Principal Engineer - Utilities

**Scale: 4 = Exceeds expectation, 3 = Met expectations, 2 = Below expectations, 1 = No recommendation, n/a = not applicable**

Work Criteria	Comments (Optional)	Rating
Responsive	Successful project, was responsive.	3
Cooperative (Relationship with City Staff)	Good relationship with city staff.	4
Ability to Meet Schedule	Yes	3
Work Quality	Great, no issues.	3
Management/Payment of Sub Contractors	No knowledge	NA
Changes to Project (including change orders)	Small change orders, enacted from the city to expand scope.	3
Evaluation of Personnel (PM, Superintendent).	John Finley, all superintendents good experiences	4
<b>Average</b>		<b>3.33</b>

**Would you recommend this Contractor for future projects?**  Yes  No

**General Comments (Optional):** City of Round Rock would recommend working with them and looks forward to working with them in the future.



# COSM Contractor Reference Check

Project Name: Davis Lane Lift Station & Gravity Main Improvements IFB #: 224-288  
 Consultant Company: Ardurra Bid Opening Date: 1/23/2025  
 Staff Performing Reference Check: James Hoelscher, PE Date of Reference Check: 2/4/2025

*The low bidder will need a minimum of 3 reference checks completed.*

Contractor Company: Austin Underground Contractor Project Manager: \_\_\_\_\_  
 Referred Project: Temple Solid Waste Facility (Sub - \$860,000 - Total Contract - \$12 million) (2023)  
 Project Description: Site Utilities sub. Water piping, lift station, and some other yard piping/wastewater. Included erecting two site buildings.  
 Person Contacted Name: Paul Greg Telephone # 979-401-3270  
 Person Contacted Company: Spaw Glass  
 Person Contacted Role: Project Manager

**Scale: 4 = Exceeds expectation, 3 = Met expectations, 2 = Below expectations, 1 = No recommendation, n/a = not applicable**

Work Criteria	Comments (Optional)	Rating
Responsive	Always were able to be contacted	4
Cooperative (Relationship with City Staff)		3
Ability to Meet Schedule	Yes	3
Work Quality	Still all functional	4
Management/Payment of Sub Contractors	Yes	3
Changes to Project (including change orders)	Yes, small change orders. +\$20k	3
Evaluation of Personnel (PM, Superintendent).	PM and Super no longer work at Austin Underground. Warranty work was required post project completion and point of contact changed. Though that super was good to work with as were the initial pm and super during construction.	3
<b>Average</b>		<b>3.29</b>

Would you recommend this Contractor for future projects?  Yes  No

General Comments (Optional): Plenty of headaches on the project as it was quite large, but Austin Underground's portion was never one of them.



# COSM Contractor Reference Check

Project Name: Davis Lane Lift Station & Gravity Main Improvements IFB #: 224-288  
 Consultant Company: Ardurra Bid Opening Date: 1/23/2025  
 Staff Performing Reference Check: James Hoelscher, PE Date of Reference Check: 2/27/2025

*The low bidder will need a minimum of 3 reference checks completed.*

Contractor Company: Austin Underground Contractor Project Manager: George  
 Referenced Project: Carson Creek Basin Wastewater Line Improvements (Replacing Gravity Mains and manholes etc. Est \$1.5 million)  
 Project Description:  
 Person Contacted Name: Shivani Kesar Telephone # 512-974-2913  
 Person Contacted Company: City of Austin  
 Person Contacted Role: Capital Delivery Project Manager

**Scale: 4 = Exceeds expectation, 3 = Met expectations, 2 = Below expectations, 1 = No recommendation, n/a = not applicable**

Work Criteria	Comments (Optional)	Rating
Responsive		3
Cooperative (Relationship with City Staff)	No issues during project	4
Ability to Meet Schedule	Project did meet schedule	3
Work Quality	Great work quality	4
Management/Payment of Sub Contractors	No issues during project	4
Changes to Project (including change orders)	There were change orders, but all fell within contingency limit. City and contractor were in agreement on most items.	3
Evaluation of Personnel (PM, Superintendent).		3
<b>Average</b>		<b>3.43</b>

**Would you recommend this Contractor for future projects?**  Yes  No

**General Comments (Optional):** Stated she knows the contractor is working with the city on other projects currently and is open to seeing them bid in the future. Would not give blanket recommendation though as did not want to express favoritism since she plays part in project award decisions with the city.



# COSM Contractor Reference Check

Project Name: Davis Lane Lift Station & Gravity Main Improvements IFB #: 224-288  
 Consultant Company: Ardurra Bid Opening Date: 1/23/2025  
 Staff Performing Reference Check: James Hoelscher, PE Date of Reference Check: 2/4/2025

*The low bidder will need a minimum of 3 reference checks completed.*

Contractor Company: Austin Underground Contractor Project Manager: \_\_\_\_\_  
 Referred Project: Sonterra - Phase 8J & 7A (2016)  
 Project Description: Subdivision, sewer lines, & lift station. Estimate contract at \$2 million.  
 Person Contacted Name: Scott Foster Telephone # 512-431-2980  
 Person Contacted Company: 360 Professional Services  
 Person Contacted Role: Engineer

**Scale: 4 = Exceeds expectation, 3 = Met expectations, 2 = Below expectations, 1 = No recommendation, n/a = not applicable**

Work Criteria	Comments (Optional)	Rating
Responsive		3
Cooperative (Relationship with City Staff)		3
Ability to Meet Schedule	Rain delays contributed to the project sliding some	3
Work Quality	Was not aware of any issues with the lift station and utilites installed.	4
Management/Payment of Sub Contractors	Does not recall if any subcontractors were utilized	NA
Changes to Project (including change orders)	Change orders for contract duration perhaps, but Scott does not recall any change orders from contractor.	4
Evaluation of Personnel (PM, Superintendent).	Does Not Recall who PM was	NA
<b>Average</b>		<b>3.40</b>

Would you recommend this Contractor for future projects?  Yes  No

General Comments (Optional): They've done force main jobs, and gravity sewer system upgrades for Scott also.

Due to many positive experiences working with them, Austin Underground are listed on 360's recommended bidders list.



## COSM Contractor Reference Check

Project Name: Davis Lane Lift Station & Gravity Main Improvements IFB #: 224-288  
 Consultant Company: Ardurra Bid Opening Date: 1/23/2025  
 Staff Performing Reference Check: James Hoelscher, PE Date of Reference Check: 2/4/2025

*The low bidder will need a minimum of 3 reference checks completed.*

Contractor Company: Austin Underground Contractor Project Manager: Unknown  
 Referred Project: Lindshire Lift Station (2016)  
 Project Description: Reference did not fully recall project scope. Was potentially a package lift station installation.  
 Person Contacted Name: Lisa Whitworth Telephone # 512-968-8132  
 Person Contacted Company: City of Austin  
 Person Contacted Role: Project Manager

**Scale: 4 = Exceeds expectation, 3 = Met expectations, 2 = Below expectations, 1 = No recommendation, n/a = not applicable**

Work Criteria	Comments (Optional)	Rating
Responsive	Don't recall any major issues with the project	3
Cooperative (Relationship with City Staff)		3
Ability to Meet Schedule	Yes, met schedule	3
Work Quality	Lift Station was in a public area and Austin Underground was tasked with coordinating extensively with local homeowners to ensure property protected and restored during construction.	4
Management/Payment of Sub Contractors	NA	NA
Changes to Project (including change orders)	Does not recall any major change orders. Nothing contentious at least if there were any.	3
Evaluation of Personnel (PM, Superintendent).	"Nathan" was main point of contact. Performance was adequate but City was not overly impressed.	2
<b>Average</b>		<b>3.00</b>

Would you recommend this Contractor for future projects?  Yes  No

General Comments (Optional): "Some people at the city have expressed a desire to not work with them based on experiences on other projects.

You have to be wary when you award them is my understanding. Cross your t's and dot your i's."