

February 21, 2025
Updated February 25, 2025
Updated March 3, 2025

Mr. Eliud De los Santos, P.E.
City Engineering Dept.
1110 Houston Street
Laredo, Texas 78040

RE: Riverbend Hike and Bike Trail Project – Phase 1 Rebid

Dear Eliud,

We have evaluated the bid received for the Riverbend Hike and Bike Trail Project, Phase 1 Rebid and understand that our goal on this project is to construct this project within a \$1.3 million budget that includes a concrete trail. The base bid for this project was based on an asphalt trail with a concrete additive alternate.

The base bid received from ALC Construction was \$1,164,128.00 and the concrete additive alternate #4 was bid at an addition of \$197,150. Including Alternate #4 with the Base Bid results in a construction contract amount of \$1,361,278 which falls within or close to our budget for construction.

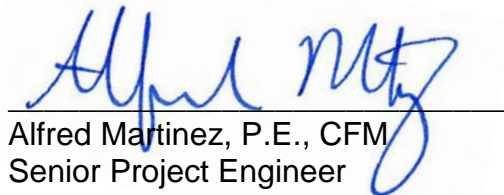
The base bid includes a \$100K contingency to address unknowns encountered during construction which will allow the City to construct this project and address any field driven issues during construction. We recommend the award of a construction contract to ALC Construction for \$1,361,278 which includes the base bid and additive alternate #4 for concrete trail.

We are enclosing our bid tabulation for your review and use. Please advise if you have any questions.

Sincerely,

CRANE ENGINEERING CORP.

Firm # F-3353


Alfred Martinez, P.E., CFM
Senior Project Engineer



Enclosures – Bid Tabulation

Cc: Mr. Ramon Chavez, P.E.
Assistant City Manager / City Engineer

City of Laredo
Riverbend Hike and Bike Trail Project Phase 1
Bid Tabulation
Bid Opening January 31st, 2024 at 10 a.m.

				Engineer's Cost Estimate		ALC Construction Co., Inc.	
Item #	Description	Estimated Quantity	Unit	Unit Price	Extended	Unit Price	Extended
I. Hike & Bike Trail Improvements (Base Bid)							
1	Mobilization & Bonding	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 70,000.00	\$ 70,000.00
2	12' Path, Gazebo, & Bird Observation Deck Clearing & Grubbing	1.20	AC	\$ 10,000.00	\$ 12,000.00	\$ 12,000.00	\$ 14,400.00
3	Tree Trimming, Trash, & Debris Removal and Disposal	1.00	AC	\$ 6,000.00	\$ 6,000.00	\$ 8,000.00	\$ 8,000.00
4	8" Subgrade Preparation	8,063	SY	\$ 6.00	\$ 48,378.00	\$ 6.00	\$ 48,378.00
5	8" Flexible Base (Caliche) (Trails & Bird Observation Decks)	4,965	SY	\$ 20.00	\$ 99,300.00	\$ 35.00	\$ 173,775.00
6	4" Flexible Base (Caliche) Common Area	3,098	SY	\$ 14.00	\$ 43,372.00	\$ 25.00	\$ 77,450.00
7	2" Decomposed Granite Common Area	166	CY	\$ 125.00	\$ 20,750.00	\$ 150.00	\$ 24,900.00
8	6" 3000 PSI Steel Reinforced Concrete Pavement for Bird Observation Decks	1,040	SF	\$ 30.00	\$ 31,200.00	\$ 20.00	\$ 20,800.00
9	2" Type D HMA	3,965	SY	\$ 22.00	\$ 87,230.00	\$ 44.00	\$ 174,460.00
10	Prime Coat (MC-30)	3,965	SY	\$ 3.00	\$ 11,895.00	\$ 5.00	\$ 19,825.00
11	Crossings	725	SF	\$ 20.00	\$ 14,500.00	\$ 20.00	\$ 14,500.00
12	Rock Rip Rap w/ Concrete Slurry at Drainage Crossings	580	SF	\$ 20.00	\$ 11,600.00	\$ 50.00	\$ 29,000.00
13	Bird Observation Decks Fencing	145	LF	\$ 150.00	\$ 21,750.00	\$ 200.00	\$ 29,000.00
14	Pedestrian Handrail	160	LF	\$ 150.00	\$ 24,000.00	\$ 200.00	\$ 32,000.00
15	24" HDPE Pipe	180	LF	\$ 120.00	\$ 21,600.00	\$ 180.00	\$ 32,400.00
16	Rock Gravel Filter (check dams)	13	EA	\$ 1,500.00	\$ 19,500.00	\$ 800.00	\$ 10,400.00
17	Oversized Rock (River Cobble 3"-6")	10	CY	\$ 130.00	\$ 1,300.00	\$ 300.00	\$ 3,000.00
18	Silt Fence	480	LF	\$ 8.00	\$ 3,840.00	\$ 8.00	\$ 3,840.00
19	Erosion Control Blanket (NA Green Vmax3 SC250)	1,300	SY	\$ 15.00	\$ 19,500.00	\$ 10.00	\$ 13,000.00
20	Hydromulch with vegetative watering	1,000	SY	\$ 12.00	\$ 12,000.00	\$ 10.00	\$ 10,000.00
21	Concrete Wash Pit	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 2,500.00	\$ 2,500.00
22	Stabilized Construction Entrance	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
23	Park Entrance Sign at Trail	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 30,000.00	\$ 30,000.00
24	Contingency	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
Total					\$ 685,215.00	\$ 944,128.00	
II. Grading							
25	Cut (Compacted Measure)	280	CY	\$ 12.00	\$ 3,360.00	\$ 60.00	\$ 16,800.00
26	Fill (Compacted Measure) Material from Site	220	CY	\$ 15.00	\$ 3,300.00	\$ 60.00	\$ 13,200.00
Total					\$ 6,660.00	\$ 30,000.00	
III. Gazebo Structure, Binoculars, Benches, and Tables							
27	Gazebo Structure Materials with Curved Rainbow Wind Braces, Materials Delivery to Site, Materials Unloading on Site, PE Stamped Plans for Gazebo Design, PE Stamped Plans for Foundation Design, Foundation Materials, Foundation Construction, Erection of Gazebo Structure, Rock Finish on	1	LS	\$ 175,000.00	\$ 175,000.00	\$ 140,000.00	\$ 140,000.00

City of Laredo
Riverbend Hike and Bike Trail Project Phase 1
Bid Tabulation
Bid Opening January 31st, 2024 at 10 a.m.

Item #	Description	Estimated Quantity	Unit	Engineer's Cost Estimate		ALC Construction Co., Inc.	
				Unit Price	Extended	Unit Price	Extended
28	6' Pre-cast Concrete Benches with Backrest including Delivery, Unloading to Site, and Installation	6	EA	\$ 3,000.00	\$ 18,000.00	\$ 1,500.00	\$ 9,000.00
29	8' Pre-cast Angle Concrete Table Set Including Benches, Delivery, Unloading to Site, and Installation	2	EA	\$ 7,000.00	\$ 14,000.00	\$ 2,500.00	\$ 5,000.00
30	ADA Dual Binocular Viewer (Non Coin operated - 20x Magnification) Including Delivery, Unloading to Site, and Installation	2	EA	\$ 11,000.00	\$ 22,000.00	\$ 6,000.00	\$ 12,000.00
31	Binocular Viewer (Non Coin operated - 20x Magnification) Including Delivery, Unloading to Site, and Installation	4	EA	\$ 8,000.00	\$ 32,000.00	\$ 6,000.00	\$ 24,000.00
Total				\$ 261,000.00		\$ 190,000.00	

SUMMARY			
I. Hike & Bike Trail Improvements (Base Bid)		\$ 685,215.00	\$ 944,128.00
II. Grading		\$ 6,660.00	\$ 30,000.00
III. Gazebo Structure, Binoculars, Benches, and Tables		\$ 261,000.00	\$ 190,000.00
Total Estimated Construction Cost		\$ 952,875.00	\$1,164,128.00

Alternate #1 - Bird Observation Deck (BOD) with Aggregate Finish

Item #	Description	Estimated Quantity	Unit	Unit Price	Extended	Unit Price	Extended
DEDUCT:							
8	6" 3000 PSI Steel Reinforced Concrete Pavement for Bird Observation Decks	1,040	SF	\$ (30.00)	\$ (31,200.00)	\$ (12.00)	\$ (12,480.00)
Total Alternate #1 - DEDUCT					\$ (31,200.00)		\$ (12,480.00)
ADD:							
8A	6" 3000 PSI Concrete Pavement with Aggregate Finish for Bird Observation Decks	1,040	SF	\$ 35.00	\$ 36,400.00	\$ 18.00	\$ 18,720.00
Total Alternate #1 - ADD					\$ 36,400.00		\$ 18,720.00
Total Alternate #1 - Bird Observation Deck (BOD) with Aggregate Finish					\$ 5,200.00		\$ 6,240.00

Alternate #2 – Bird Observation Deck (BOD) and Gazebo Foundation with Stained Color Concrete Finish

DEDUCT:							
8	6" 3000 PSI Steel Reinforced Concrete Pavement for Bird Observation Decks	1,040	SF	\$ (30.00)	\$ (31,200.00)	\$ (12.00)	\$ (12,480.00)
Total Alternate #2 - DEDUCT					\$ (31,200.00)		\$ (12,480.00)
ADD:							
8B	6" 3000 PSI Concrete Pavement with Stained Color Concrete Finish for Bird Observation Decks	1,040	SF	\$ 40.00	\$ 41,600.00	\$ 18.00	\$ 18,720.00
32	Stained Color Concrete Finish for Gazebo Structure Foundation	1,020	SF	\$ 10.00	\$ 10,200.00	\$ 22.00	\$ 22,440.00

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					Engineer's Cost Estimate		ALC Construction Co., Inc.	
Item #	Description	Estimated Quantity	Unit	Unit Price	Extended	Unit Price	Extended	
Total Alternate #2 - ADD					\$	51,800.00		\$ 41,160.00
Total Alt. #2 – Bird Observation Deck (BOD) and Gazebo Foundation with Stained Color Concrete Finish					\$	20,600.00		\$ 28,680.00

Alternate #3 - Bird Observation Deck (BOD) with Bird Stamp with Stained Color Concrete Finish

DEDUCT:							
8	6" 3000 PSI Steel Reinforced Concrete Pavement for Bird Observation Decks	1,040	SF	\$ (30.00)	\$ (31,200.00)	\$ (12.00)	\$ (12,480.00)
Total Alternate #3 - DEDUCT					\$ (31,200.00)		\$ (12,480.00)
ADD:							
8C	6" 3000 PSI Concrete Pavement with Bird Stamp and Stained Color Concrete Finish for Bird Observation Decks	1,040	SF	\$ 50.00	\$ 52,000.00	\$ 22.00	\$ 22,880.00
Total Alternate #3 - ADD					\$ 52,000.00		\$ 22,880.00
Total Alternate #3 - Bird Observation Deck (BOD) with Bird Stamp with Stained Color Concrete Finish					\$ 20,800.00		\$ 10,400.00

Alternate #4 - Concrete Trail

DEDUCT:							
9	2" Type D HMAc	3,965	SY	\$ (22.00)	\$ (87,230.00)	\$ (44.00)	\$ (174,460.00)
10	Prime Coat (MC-30)	3,965	SY	\$ (3.00)	\$ (11,895.00)	\$ (5.00)	\$ (19,825.00)
Total Alternate #4 - DEDUCT					\$ (87,230.00)		\$ (194,285.00)
ADD:							
9A	5" 3000 PSI Concrete Pavement with footings	35,585	SF	\$ 9.00	\$ 320,265.00	\$ 11.00	\$ 391,435.00
Total Alternate #4 - ADD					\$ 320,265.00		\$ 391,435.00
Total Alternate #4 - Concrete Trail					\$ 233,035.00		\$ 197,150.00

Alternate #5 - Colored Concrete Trail

DEDUCT:							
9	2" Type D HMAc	3,965	SY	\$ (22.00)	\$ (87,230.00)	\$ (44.00)	\$ (174,460.00)
Total Alternate #5 - DEDUCT					\$ (87,230.00)		\$ (174,460.00)
ADD:							
9B	5" 3,000 PSI Colored (2 sack minimum) Concrete Pavement	35,685	SF	\$ 12.00	\$ 428,220.00	\$ 14.50	\$ 517,432.50
Total Alternate #5 - ADD					\$ 428,220.00		\$ 517,432.50
Total Alternate #5 - Colored Concrete Trail					\$ 340,990.00		\$ 342,972.50

Alternate #6 - Parking Lot

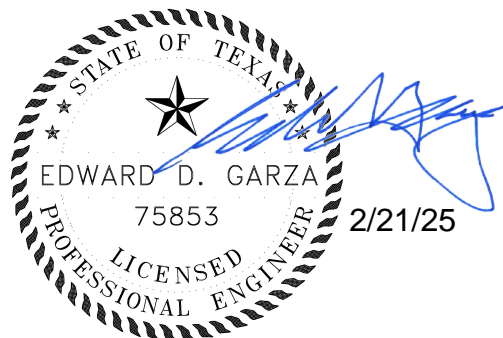
ADD:							
4	8" Subgrade and Moisture Condition	3,028	SY	\$ 6.00	\$ 18,168.00	\$ 8.50	\$ 25,738.00
9	2" Type D HMAc	2,825	SY	\$ 22.00	\$ 75,700.00	\$ 44.00	\$ 124,300.00
10	Prime Coat (MC-30)	2,825	SY	\$ 3.00	\$ 62,150.00	\$ 5.00	\$ 14,125.00

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Item #	Description	Estimated Quantity	Unit	Engineer's Cost Estimate		ALC Construction Co., Inc.	
				Unit Price	Extended	Unit Price	Extended
24	Cut (Compacted Measure)	209	CY	\$ 12.00	\$ 2,508.00	\$ 60.00	\$ 12,540.00
25	Fill (Compacted Measure) Material from Site	40	CY	\$ 15.00	\$ 600.00	\$ 60.00	\$ 2,400.00
33	4" SCH 40 PVC	115	LF	\$ 45.00	\$ 5,175.00	\$ 60.00	\$ 6,900.00
34	10" Flexible Base (Caliche)	3,028	SY	\$ 25.00	\$ 75,700.00	\$ 38.00	\$ 115,064.00
35	Type "A" Curb & Gutter	835	LF	\$ 35.00	\$ 29,225.00	\$ 25.00	\$ 20,875.00
36	Inverted Curb & Gutter	60	LF	\$ 35.00	\$ 2,100.00	\$ 25.00	\$ 1,500.00
37	Ribbon Curb	175	LF	\$ 30.00	\$ 5,250.00	\$ 25.00	\$ 4,375.00
38	7" 3,000 PSI Concrete Driveway	63	SY	\$ 15.00	\$ 945.00	\$ 180.00	\$ 11,340.00
39	ADA Ramp Type 1 (Single)	1	EA	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00
40	4' Concrete Sidewalk	500	SF	\$ 10.00	\$ 5,000.00	\$ 9.00	\$ 4,500.00
41	Parking Lot Striping	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 25,000.00	\$ 25,000.00
42	ADA Parking Sign	2	EA	\$ 300.00	\$ 600.00	\$ 1,500.00	\$ 3,000.00
43	Stop Sign	1	EA	\$ 375.00	\$ 375.00	\$ 1,500.00	\$ 1,500.00
Total Alternate #6 Parking Lot				\$ 293,496.00		\$ 376,157.00	

SUMMARY

Total Alternate #1 - Bird Observation Deck (BOD) with Aggregate Finish	\$ 5,200.00	\$ 6,240.00
Alternate #2 – Bird Observation Deck (BOD) and Gazebo Foundation with Stained Color Concrete Finish	\$ 20,600.00	\$ 28,680.00
Alternate #3 - Bird Observation Deck (BOD) with Bird Stamp with Stained Color Concrete Finish	\$ 20,800.00	\$ 10,400.00
Total Alternate #4 - Concrete Trail	\$ 233,035.00	\$ 197,150.00
Total Alternate #5 - Colored Concrete Trail	\$ 340,990.00	\$ 342,972.50
Total Alternate #6 Parking Lot	\$ 293,496.00	\$ 376,157.00



CRANE ENGINEERING CORP.
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Laredo, Texas 78041
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