#### PAVING AND DRAINAGE

ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
1	1	LS	For mobilization and move-in (5% max) complete and in place for the Lump Sum of  Two Hundred Twenty Thousand Dollars and No Cents per <u>Lump Sum</u>	\$ 220,000.00	\$220,000.00
2	11	AC	Preparing Right of Way, including all appurtenant work and tree removal, complete in place, for the some of  Twenty Four Thousand Dollars and No Cents per Acre	\$ 24,000.00	\$264,000.00
3	12	МО	Implement traffic control, signing, and barricading along with all other incidentals necessary for the Lump Sum of  Five Thousand Dollars and No Cents per Month	\$ 5,000.00	\$60,000.00
4	1	LS	Erosion Control for all disturbed areas, including inlet sediment barriers and all incidentals for the Lump Sum of  Twenty Two Thousand Dollars and No Cents per Lump  Sum	\$ 22,000.00	\$22,000.00
5	51	SY	Remove and dispose of existing reinforced or non-reinforced concrete street, alley, sidewalk, ramp, or curb including all incidentals for the sum of  Ten Dollars and No Cents per Square Yard	\$ 10.00	\$510.00
6	75	LF	Remove and dispose of existing traffic barricades including all incidentals for the sum of  Ten Dollars and No Cents per Linear Foot	\$ 10.00	\$750.00
7	1	EA	Remove 24 inch safety end treatment for the sum of  Five Hundred Dollars and No Cents per Each	\$ 500.00	\$500.00
8	35	CY	Remove variable depth stone rip-rap for the sum of  Twenty Dollars and No Cents per Cubic Yard	\$ 20.00	\$700.00

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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	PRICE IN URES	EXTENDED AMOUNT
9	217	ĹF	Saw cut for the removal of existing reinforced or non-reinforced concrete street, alley, sidewalk, ramp, or curb including all incidentals for the sum of  Five Dollars and No Cents per Linear Foot	\$	5.00	\$1,085.00
10	13,356	CY	Unclassified roadway excavation including all clearing, hauling and disposal of surplus for the sum of  Six Dollars and No Cents per Cubic Yard	\$	6.00	\$80,136.00
11	23,243	CY	Embankment (TY C1), complete in place, for the sum of  Three Dollars and No Cents per Cubic Yard	\$	3.00	\$69,729.00
12	5,349	SY	Furnish and install block sodding, including 4 inches of top soil and watering until established, including all incidentals for the sum of  Three Dollars and No Cents per Square Yard	\$	3.00	\$16,047.00
13	11,271	SY	Seeding, including fertilizer and sprinkling until the project is accepted, complete and in place for the sum of  No Dollars and Sixty Cents per Square Yard	\$	0.60	\$6,762.60
14	15,014	SY	Pulverizing, mixing and compacting 6 inch thick lime subgrade compacted to 95% proctor density for the sum of   Four Dollars and No Cents per Square Yard	\$	4.00	\$60,056.00
15	270	TONS	Hydrated Lime for subgrade treatment all according to the plans and specifications, complete and in place for the sum of  One Hundred Fifty Dollars and No Cents per Ton	\$	150.00	\$40,500.00
16	13,903	SY	Construct 9 inch Class C, 3600 psi, reinforced concrete street paving, including all incidentals for the sum of  Forty Eight Dollars and No Cents per Square Yard	\$	48.00	\$667,344.00

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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
17	2,391	SY	Construct 6 inch Class C, 3600 psi, reinforced concrete hike and bike trail, including all incidentals for the sum of  Fifty Four Dollars and No Cents per Square Yard	\$ 54.00	\$129,114.00
18	416	SY	Construct 4 inch Class C, 3600 psi, reinforced concrete sidewalk paving, including all incidentals for the sum of  Forty Seven Dollars and No Cents per Square Yard	\$ 47.00	\$19,552.00
19	1	EA	Construct 4 inch Class C, 3600 psi, reinforced concrete barrier free ramp, including truncated domed pavers and all incidentals for the sum of  Two Thousand Three Hundred Dollars and No Cents per Each	\$ 2,300.00	\$2,300.00
20	80	LF	Furnish and install 18 inch Class III RCP storm sewer pipe in variable depth trench, including all incidentals for the sum of  Sixty Dollars and No Cents per Linear Foot	\$ 60.00	\$4,800.00
21	1,190	LF	Furnish and install 24 inch Class III RCP storm sewer pipe in variable depth trench, including all incidentals for the sum of  Seventy Eight Dollars and No Cents per Linear Foot	\$ 78.00	\$92,820.00
22	800	LF	Furnish and install 30 inch Class III RCP storm sewer pipe in variable depth trench, including all incidentals for the sum of  One Hundred Five Dollars and No Cents per Linear Foot	\$ 105.00	\$84,000.00
23	388	LF	Furnish and install 36 inch Class III RCP storm sewer pipe in variable depth trench, including all incidentals for the sum of  One Hundred Seventeen Dollars and No Cents per Linear  Foot	\$ 117.00	\$45,396.00
24	507	LF	Furnish and install 48 inch Class III RCP storm sewer pipe in variable depth trench, including all incidentals for the sum of  One Hundred Ninety Dollars and No Cents per Linear Foot	\$ 190.00	\$96,330.00

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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
25	12	EA	Construct 20 foot, concrete recessed curb inlet including all excavation, reinforcement, backfilling and all other incidentals for the sum of  Six Thousand Five Hundred Dollars and No Cents per Each	\$ 6,500.00	\$78,000.00
26	1,660	CY	Unclassified channel excavation including all clearing, hauling and disposal of surplus for the sum of  Ten Dollars and No Cents per Cubic Yard	\$ 10.00	\$16,600.00
27	662	CY	Construct 5 inch think reinforced 2000 psi concrete rip-rap on a sloped surface for the sum of  Four Hundred Twenty Five Dollars and No Cents per Cubic Yard	\$ 425.00	\$281,350.00
28	37	SY	Furnish and install 18 inch Gabion blanket, wire, fiber fabric, rock of the thickness and specifications shown in the plans, complete and in place for the sum of  Two Hundred Dollars and No Cents per Square Yard	\$ 200.00	\$7,400.00
29	3	EA	Furnish and install pre-formed pavement marking words, including all incidentals for the sum of  Four Hundred Twenty Five Dollars and No Cents per Each	\$ 425.00	\$1,275.00
30	3	EA	Furnish and install pre-formed pavement marking symbols, including all incidentals for the sum of  Three Hundred Ten Dollars and No Cents per Each	\$ 310.00	\$930.00
31	1,530	LF	Furnish and install 4 inch white broken pavement markings and all other incidentals necessary for the sum of  One Dollar and No Cents per Linear Foot	\$ 1.00	\$1,530.00
32	588	LF	Furnish and install 4 inch solid yellow pavement markings and all other incidentals necessary for the sum of  One Dollar and No Cents per Linear Foot	\$ 1.00	\$588.00

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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
33	702	LF	Furnish and install 8 inch solid white pavement markings and all other incidentals necessary for the sum of  Two Dollars and No Cents per Linear Foot	\$ 2.00	\$1,404.00
34	610	LF	Furnish and install 12 inch solid yellow pavement markings and all other incidentals necessary for the sum of  Three Dollars and No Cents per Linear Foot	\$ 3.00	\$1,830.00
35	588	EA	Furnish and install traffic buttons (TY C) and all other incidentals necessary for the sum of  Four Dollars and No Cents per Each	\$ 4.00	\$2,352.00
36	239	EA	Furnish and install reflective pavement markers (TY II C-R) and all other incidentals necessary for the sum of  Four Dollars and No Cents per Each	\$ 4.00	\$956.00
37	11	EA	Furnish and install small roadside signs and all other incidentals necessary for the sum of  Four Hundred Thirty Dollars and No Cents per Each	\$ 430.00	\$4,730.00
38	1,604	SY	Furnish and install Contech Landlok (C2) erosion control blanket and anchors, complete and in place for the sum of  Two Dollars and No Cents per Square Yard	\$ 2.00	\$3,208.00
39	150	LF	Furnish and install metal beam guard rail fence including all incidentals for the sum of  Twenty Six Dollars and Fifty Cents per Linear Foot	\$ 26.50	\$3,975.00
40	2	EA	Furnish and install metal beam guard rail fence thrie-beam transitions including all incidentals for the sum of  Two Thousand Three Hundred Dollars and No Cents per  Each	\$ 2,300.00	\$4,600.00

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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
41	2	EA	Furnish and install metal beam guard rail end treatments including all incidentals for the sum of  Three Thousand Five Hundred Dollars and No Cents per  Each	\$ 3,500.00	\$7,000.00
42	2	EA	Furnish and install crash cushion attenuator including all necessary incidentals for the sum of  Twenty Thousand Dollars and No Cents per Each	\$ 20,000.00	\$40,000.00
43	1,795	LF	Furnish and install complete trench safety for storm sewer installations including all incidentials for the sum of  Five Dollars and No Cents per Linear Foot	\$ 5.00	\$8,975.00

TOTAL PAVING AND DRAINAGE:

\$2,451,134.60

#### WATER

ITEM	EST	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN	EXTENDED
NO.	QNTY	31111	DESCRIENCE IN WORDS	FIGURES	AMOUNT
1	2	EA	Remove existing 12 inch water line plug and connect proposed 12 inch line to existing, complete in place for the sum of  Two Thousand Five Hundred Dollars and No Cents per Each	\$ 2,500.00	\$5,000.00
2	2.40	TONS	Furnish and install 350 psi cement lined poly-wrapped ductile iron fittings with restraining glands for water mains including all incidentals for the sum of  Seven Thousand Five Hundred Dollars and No Cents per Ton	\$ 7,500.00	\$18,000.00
3	32	LF	Furnish and install 6 inch DR-18 PVC Class 150 water pipe including all incidentals for the sum of  Sixty Four Dollars and No Cents per Linear Foot	\$ 64.00	\$2,048.00
4	217	LF	Furnish and install 8 inch DR-18 PVC Class 150 water pipe including all incidentals for the sum of  Forty Six Dollars and No Cents per Linear Foot	\$ 46.00	\$9,982.00
5	2,329	LF	Furnish and install 12 inch DR-18 PVC Class 150 water pipe including all incidentals for the sum of  Sixty Nine Dollars and No Cents per Linear Foot	\$ 69.00	\$160,701.00
6	157	LF	Furnish and install 20 inch steel casing pipe including all incidentals for the sum of  Four Hundred Seventy Five Dollars and No Cents per Linear Foot	\$ 475.00	\$74,575.00
7	6	EA	Furnish and install 6 inch gate valve including box, stack and concrete pad (where called for) along with all incidentals for the sum of  Nine Hundred Dollars and No Cents per Each	\$ 900.00	\$5,400.00
8	2	EA	Furnish and install 8 inch gate valve including box, stack and concrete pad (where called for) along with all incidentals for the sum of  One Thousand Three Hundred Dollars and No Cents per Each	\$ 1,300.00	\$2,600.00

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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	 PRICE IN GURES	EXTENDED AMOUNT
9	6	EA	Furnish and install 12 inch gate valve including box, stack and concrete pad (where called for) along with all incidentals for the sum of  Two Thousand Two Hundred Dollars and No Cents per  Each	\$ 2,200.00	\$13,200.00
10	2	EA	Furnish and install 8 inch restrained plug along with all incidentals for the sum of  Fifty Dollars and No Cents per Each	\$ 50.00	\$100.00
11	6	EA	Furnish and install standard City of Allen fire hydrant of variable depth bury along with all incidentals for the sum of   Four Thousand Five Hundred Dollars and No Cents per   Each	\$ 4,500.00	\$27,000.00
12	1	EA	Furnish and install 2 inch vacuum-air release valve along with all incidentals for the sum of  Four Thousand Seven Hundred Fifty Dollars and No Cents  per Each	\$ 4,750.00	\$4,750.00
13	2	EA	Furnish and install 12 inch blow off valve including 12 inch ductile iron pipe and all incidentials for the sum of  Four Thousand Two Hundred Dollars and No Cents per  Each	\$ 4,200.00	\$8,400.00
14	2,735	LF	Furnish and install complete trench safety for water installations including all incidentials for the sum of  Five Dollars and No Cents per Linear Foot	\$ 5.00	\$13,675.00
15	2	EA	Furnish and install standard manhole lid incuding all incidentals for the sum of  Five Hundred Dollars and No Cents per Each	\$ 500.00	\$1,000.00
16	2	EA	Adjust existing sanitary sewer manhole to proposed elevation noted in the plans including all incidentals for the sum of  Three Thousand Five Hundred Dollars and No Cents per Each	\$ 3,500.00	\$7,000.00

TOTAL WATER:

\$353,431.00

#### SANITARY SEWER

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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
1	1	EA	Construct standard sealed 5 foot diameter precast or cast in place sanitary sewer manhole including all incidentials for the sum of  Thirteen Thousand Five Hundred Dollars and No Cents per  Each	\$ 13,500.00	\$13,500.00
2	1	EA	Construct standard 5 foot diameter precast or cast in place sanitary sewer manhole including all incidentials for the sum of  Twelve Thousand Dollars and No Cents per Each	\$ 12,000.00	\$12,000.00
3	440	LF	Furnish and install 15 inch SDR-35 (ASTM D-3034) PVC sanitary sewer pipe including all trenching, embedment, backfill and incidentials necessary for the sum of <u>Eighty Dollars and No Cents per Linear Foot</u>	\$ 80.00	\$35,200.00
4	100	LF	Furnish and install 24 inch steel casing of 0.375 inch thickness including all incidentals for the sum of  Five Hundred Dollars and No Cents per Linear Foot	\$ 500.00	\$50,000.00
5	40	CY	For 2000 psi concrete encasment cap for sanitary sewer mins, including all incidentials, for the sum of  One Hundred Dollars and No Cents per Cubic Yard	\$ 100.00	\$4,000.00
6	540	LF	Furnish and install complete trench safety for sanitary sewer installations including all incidentials for the sum of  Ten Dollars and No Cents per Linear Foot	\$ 10.00	\$5,400.00
7	11	CY	Construct 5 inch think reinforced 300 psi concrete rip-rap on a sloped surface for the sum of  Five Hundred Dollars and No Cents per Cubic Yard	\$ 500.00	\$5,500.00
8	43	SY	Furnish and install 18 inch Gabion blanket, wire, fiber fabric, rock of the thickness and specifications shown in the plans, complete and in place for the sum of  Two Hundred Dollars and No Cents per Square Yard	\$ 200.00	\$8,600.00

**TOTAL SANITARY SEWER:** 

\$134,200.00

#### BRIDGE

BRIDO ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
1	442	CY	Install cement stabilized backfill around bridge abutments along with all incidentals for the sum of  One Hundred Dollars and No Cents per Cubic Yard	\$ 100.00	\$44,200.00
2	82	LF	Furnish and install 18 inch drill shaft including all incidentals for the sum of  Fifty Dollars and No Cents per Linear Foot	\$ 50.00	\$4,100.00
3	637	LF	Furnish and install 36 inch drill shaft including all incidentals for the sum of  One Hundred Twenty Five Dollars and No Cents per Linear  Foot	\$ 125.00	\$79,625.00
4	122	CY	Construct Class C reinforced concrete abutments along with all incidentals for the sum of <u>Eight Hundred Dollars and No Cents per Cubic Yard</u>	\$ 800.00	\$97,600.00
5	100.80	CY	Construct Class C reinforced concrete bent caps along with all incidentals for the sum of  Nine Hundred Dollars and No Cents per Cubic Yard	\$ 900.00	\$90,720.00
6	34.80	CY	Construct Class C reinforced concrete columns along with all incidentals for the sum of  One Thousand One Hundred Dollars and No Cents per Cubic Yard	\$ 1,100.00	\$38,280.00
7	20.20	CY	Construct Class C reinforced concrete traffic rail foundation along with all incidentals for the sum of  Four Hundred Fifty Five Dollars and No Cents per Cubic Yard	\$ 455.00	\$9,191.00
8	24,525	SF	Construct reinforced 4,000 psi concrete slab including all incidentals for the sum of  Sixteen Dollars and No Cents per Square Foot	\$ 16.00	\$392,400.00

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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
9	225.60	CY	Construct 13 inch thick reinforced 4,000 psi concrete approach slab including all incidentals for the sum of  Five Hundred Dollars and No Cents per Cubic Yard	\$ 500.00	\$112,800.00
10	3,128.72	LF	Furnish and install precast prestressed concrete girders type TX40 along with all incidentals for the sum of  One Hundred Twenty Five Dollars and No Cents per Linear  Foot	\$ 125.00	\$391,090.00
11	1,336	LB	Furnish and install stl steel (non-bridge) along with all incidentals for the sum of  Ten Dollars and No Cents per Pound	\$ 10.00	\$13,360.00
12	598.40	LF	Furnish and install combination rail type C402 (SLOTTED) (MOD) along with all incidentals for the sum of  One Hundred Twenty Five Dollars and No Cents per Linear  Foot	\$ 125.00	\$74,800.00
13	510	LF	Furnish and install pedestrian rail type PR3 (MOD) along with all incidentals for the sum of  One Hundred Ninety Five Dollars and No Cents per Linear  Foot	\$ 195.00	\$99,450.00
14	232.80	LF	Furnish and install permanent, cast-in-place, F-Shape, Type 1 concrete safety barrier including all incidentals for the sum of  One Hundred Five Dollars and No Cents per Linear Foot	\$ 105.00	\$24,444.00
15	325	LF	Furnish and install 4" electrical conduit including all incidentals for the sum of  Fifty Seven Dollars and No Cents per Linear Foot	\$ 57.00	\$18,525.00
16	2	EA	Furnish and install Type A Ground Box including all incidentals for the sum of  One Thousand Three Hundred Dollars and No Cents per  Each	\$ 1,300.00	\$2,600.00

TOTAL BRIDGE:

\$1,493,185.00

#### PROPOSAL SUMMARY

\$2,451,134.60	TOTAL PAVING AND DRAINAGE
\$353,431.00	TOTAL WATER_
\$134,200.00	TOTAL SANITARY SEWER_
\$1,493,185.00	TOTAL BRIDGE_
\$4,431,950.60	TOTAL BID

The Contractor hereby agrees to commence work within Ten (10) days after the date written notice to do so shall have been given to him, and to be <u>substantially complete by August 10, 2018</u>, subject to such extensions of time as are provided by the General and Special Conditions.

The work proposed to be done shall be accepted when fully completed and finished in accordance with the plans and specifications.

In the event of the award of a contract to the undersigned, the undersigned will furnish a Performance Bond and Payment Bond for the full amount of the contract.

The undersigned certifies that the bid prices contained in this proposal have been carefully checked and are submitted as correct and final.

NOTE: Unit and lump sum prices must be shown in words and figures for each item listed in the proposal and in the event of discrepancy the words shall control.

Receipt is hereby acknowledged for the following addenda to the contract documents:

Addendum No. 1 dated	8/18/2017	Received	8/18/2017	
Addendum No. 2 dated	8/18/2017	Received	8/18/2017	
Addendum No. 3 dated		Received		
Addendum No. 4 dated		Received		
Addendum No. 5 dated		Received		

The undersigned, in submitting this bid proposal and their endorsement of same, represents that they are authorized to obligate their firm, that they have read this entire bid proposal package, is aware of the covenants contained herein and will abide by and adhere to the expressed requirements. Submittals will be considered as being responsive only if entire Bid Package plus any/all attachments is returned with all blanks completed.

Total Amount Bid: \$4,431,950.60

Mario Sinacola & Sons Excavating, Inc.				
Contractor				
By: Michael Sinacola				
(please print name)				
Signature: may				
Title: Vice President				
10950 Research Road				
Address				
Frisco, Texas 75033				
City, County, State and Zip				
214-387-3900 214-387-3940				
Telephone	Fax No.			
E-Mail Address: <u>JLarson@MarioSinacola.Com</u>				

Seal and Authorization (If a Corporation)