

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS (100%)					FIERRO & COMPANY, LLC	
BIKE & PEDESTRIAN ROUTE DESIGN - NM 124, ENCINAL ROAD TO NM 279					11/30/2014	
LAGUNA, NEW MEXICO						
BID ITEM	SPEC. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
1	201000	SITE CLEAR & GRUB	AC	8	\$ 1,500.00	\$ 12,000.00
2	203000	UNCLASSIFIED EXCAVATION, INCL. PLACEMENT AND COMPACTION TO NEW GRADES, CIP	CY	1,235	\$ 8.50	\$ 10,497.50
3	203100	BORROW, INCLUDING HAUL, PLACEMENT, AND COMPACTION, CIP	CY	24,500	\$ 17.00	\$ 416,500.00
4	206101	BLENDED FILL FOR REINFORCED SLOPE SYSTEM	CY	2,500	\$ 30.00	\$ 75,000.00
5	207000	SUBGRADE PREPARATION	SY	25,300	\$ 1.50	\$ 37,950.00
6	304160	COMPACTED BASE COURSE	CY	3,400	\$ 50.00	\$ 170,000.00
7	423002	HOT MIX ASPHALT, TYPE SP-IV, 2" THICK, CIP	SY	15,815	\$ 15.50	\$ 245,132.50
8	570018	18" CMP CULVERT PIPE, INSTALLED, INCLUDING COUPLING(S) AS NEEDED	LF	66	\$ 55.00	\$ 3,630.00
9	570019	18" CULVERT PIPE END SECTION	LF	4	\$ 275.00	\$ 1,100.00
10	570024	24" CMP CULVERT PIPE, INSTALLED, INCLUDING COUPLING(S) AS NEEDED	LF	144	\$ 60.00	\$ 8,640.00
11	570025	24" CULVERT PIPE END SECTION, INSTALLED	EA	4	\$ 400.00	\$ 1,600.00
12	570030	30" CMP CULVERT PIPE, INSTALLED, INCLUDING COUPLING(S) AS NEEDED	LF	68	\$ 70.00	\$ 4,760.00
13	570031	30" CULVERT PIPE END SECTION, INSTALLED	EA	1	\$ 450.00	\$ 450.00
14	570036	36" CMP CULVERT PIPE, INSTALLED, INCLUDING COUPLING(S) AS NEEDED	LF	36	\$ 80.00	\$ 2,880.00
15	570037	36" CULVERT PIPE END SECTION, INSTALLED	EA	2	\$ 600.00	\$ 1,200.00
16	570166	57"Sx38"R (NOM) CUL PIPE ARCH	LF	680	\$ 130.00	\$ 88,400.00
17	511850	CBC 6SX3H WINGWALLS/APRON- 30D SKEW, CLASS AA REINFORCED CONCRETE	CY	10	\$ 600.00	\$ 6,000.00
18	511802	REINFORCED CONCRETE BOX CULVERT, 6'S X 3'H	LF	38	\$ 300.00	\$ 11,400.00
19	511909	STRUCTURAL CONCRETE SLOPE BLANKET MULTIPLE ARCH PIPE W/O SAFETY GRATE	CY	111	\$ 600.00	\$ 66,600.00
20	601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1	\$ 10,000.00	\$ 10,000.00
21	602060	CLASS G RIPRAP, CIP	SY	100	\$ 40.00	\$ 4,000.00
22	602301	"GREEN WALL" REINFORCED FILL SYSTEM (FACE AREA)	SY	860	\$ 75.00	\$ 64,500.00
23	603270	SWPPP MANAGEMENT	ALLOW	1	\$ 6,000.00	\$ 6,000.00
24	603280	SWPPP IMPLEMENTATION	LS	1	\$ 15,000.00	\$ 15,000.00
25	607079	3-BAR PEDESTRIAN/BICYCLE RAILING, UNPAINTED	LF	1,105	\$ 75.00	\$ 82,875.00
26	607200	REM & REBUILD BARBED WIRE FNC	LF	3,584	\$ 7.00	\$ 25,088.00
27	618000	TRAFFIC CONTROL	LS	1	\$ 5,000.00	\$ 5,000.00
28	621000	CONSTRUCTION MOBILIZATION/DEMobilIZATION	LS	1	\$ 100,000.00	\$ 100,000.00
29	623401	DROP INLET 4'X4' (TYPE I) H=4'-0"	EA	3	\$ 5,000.00	\$ 15,000.00
30	623600	JUNCTION BOX	EA	1	\$ 5,200.00	\$ 5,200.00
31	627000	PROTECTION OF PROJECT FROM WATER	LS	1	\$ 6,000.00	\$ 6,000.00
32	632000	NATIVE SEEDING	AC	4	\$ 3,500.00	\$ 14,000.00
33	660009	UTILITY RELOCATION ALLOWANCE	ALLOW	1	\$ 20,000.00	\$ 20,000.00
34	701000	ALUMINUM PANEL SIGN	SF	59	\$ 25.00	\$ 1,475.00
35	701100	STEEL SIGN POST AND BASE POST, CIP	LF	110	\$ 10.00	\$ 1,100.00
36	701101	RECYCLED PLASTIC MILE MARKER POST, CIP	EA	12	\$ 200.00	\$ 2,400.00
37	704000	REFLECTORIZED PAINTED STRIPE, 4"	LF	28,470	\$ 0.20	\$ 5,694.00
38	704224	REFLECTIVE PLASTIC PAVEMENT STRIPE, 24" WIDE	LF	240	\$ 12.00	\$ 2,880.00
39	704750	THERMOPLASTIC PAVEMENT MARKING - STOP AHEAD	EA	11	\$ 300.00	\$ 3,300.00
40	801000	CONST. STAKING BY CONTRACTOR	LS	1	\$ 30,000.00	\$ 30,000.00
41	802000	POST-CONSTRUCTION PLANS (RECORD DRAWINGS)	LS	1	\$ 6,000.00	\$ 6,000.00
42	901000	QC/QA TESTING ALLOWANCE	ALLOW	1	\$ 13,000.00	\$ 13,000.00
BASE BID SUBTOTAL						\$ 1,602,252.00
ESCALATION 2013 TO 2016 (ASSUME 2.5%/YR)=7.69%			7.69%		\$	123,213.18
SUBTOTAL					\$	1,725,465.18
NMGR			6.5625%		\$	113,233.65
TOTAL INCLUDING ESCALATION AND NMGR						\$ 1,838,698.83

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BID ITEM	SPEC. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
ADDITIVE ALTERNATE #1 - NM 124 CROSSING						
43	701000	ALUMINUM PANEL SIGN	SF	14	59.00	\$ 826.00
44	704224	REFLECTIVE PLASTIC PAVEMENT STRIPE, 24" WIDE	LF	50	12.00	\$ 600.00
45	715001	SOLAR POWERED CROSSING BEACON SYSTEM	EA	2	5,200.00	\$ 10,400.00
46	716701	SOLAR POWERED LED ROADWAY LUMINAIRE WITH 25' POLE	EA	2	1,800.00	\$ 3,600.00
ADDITIVE ALTERNATE #1 SUBTOTAL						\$ 15,426.00
ESCALATION 2013 TO 2016 (ASSUME 2.5%/YR)=7.69%				7.69%		\$ 1,186.26
SUBTOTAL						\$ 16,612.26
NMGRT				6.5625%		\$ 1,090.18
TOTAL INCLUDING ESCALATION AND NMGRT						\$ 17,702.44
GRAND TOTAL INCLUDING CONTINGENCY						\$ 1,856,401.27