

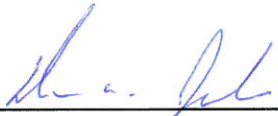
ADDENDUM #2 for
Navajo Division of Transportation and Navajo Parks & Recreation
Bid Number: 18-01-1768LE

**Little Colorado River Tribal Park: Turning Lanes, Access Road, & Parking Lot – Borrow,
Culvert Extensions, Subgrade Preparation, Asphaltic Concrete, Chip Seal, curb and gutter,
sidewalks, fence, signing, and striping.**

Addendum#2 is issued to address Question #6, from Addendum #1. To recap, the question and answer to Question #6 was: *How do we calculate the 'Contingency item'?* Ans: the contingency item will be deleted from the Bid Sheet.

Attached are the two (2) revised Bid Sheets which do not include the Contingency Line. One Bid Sheet is for the Parking Lot; and, the second Bid Sheet is for the Turning Lanes & Access Road.

END OF ADDENDUM #2

 2/23/18

Don Jackson, Engineer
Navajo DOT, Dept of Roads
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Information source: Bob Hansman, P.E., Dibble Engineering.

PARKING LOT DETAILED ESTIMATE						TOTAL PROJECT		
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT			
1	CLEARING AND GRUBBING	L.SUM	1					
2	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	475					
3	REMOVAL OF SIGNS	L.SUM						
4	REMOVE AND SALVAGE CATTLE GUARDS	EACH						
5	REMOVE FENCE	L.FT.						
6	SAW CUTTING	L.FT.						
7	ROADWAY EXCAVATION	CU.YD.	324					
8	STRUCTURE BACKFILL	CU.YD.						
9	CROWN DITCH	L.FT.						
10	BORROW	CU.YD.	3,296					
11	SEPARATION GEOTEXTILE FABRIC	SQ.YD.						
12	AGGREGATE BASE, CLASS 2	CU.YD.	1,370					
13	BITUMINOUS TACK COAT	TON	1					
14	APPLY BITUMINOUS TACK COAT	HOURL	6					
15	COVER MATERIAL (SPECIAL) (PRECOATED CHIPS)	CU.YD.						
16	BLOTTER MATERIAL	TON						
17	ASPHALT BINDER (PG 70-22)	TON						
18	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL) (SPECIAL MIX)	TON	2,219					
19	PIPE CULVERT, 30"	L.FT.						
20	PIPE CULVERT, 36"	L.FT.						
21	FLARED END SECTION, 30" (C-13.20 OR C-13.25) (PIPE CULVERT)	EACH						
22	FLARED END SECTION, 36" (C-13.20 OR C-13.25) (PIPE CULVERT)	EACH						
23	REINFORCED CONCRETE BOX CULVERT (10'x5')	L.FT.						
24	SLIP BASE (NEW)	EACH						
25	SIGN POST (PERFORATED) (2 S)	L.FT.	47					
26	SIGN POST (PERFORATED) (2 1/2 S)	L.FT.						
27	SIGN POST (PERFORATED) (2 1/2 T)	L.FT.						
28	FOUNDATION FOR SIGN POST (CONCRETE)	EACH	6					
29	WARNING, MARKER, OR REGULATORY SIGN PANEL	SQ.FT.	12					
30	TEMPORARY CONCRETE BARRIER (INSTALLATION AND REMOVAL)	L.FT.						
31	TEMPORARY IMPACT ATTENUATORS (INSTALLATION AND REMOVAL)	EACH						
32	TEMPORARY PAINTED MARKING (STRIPE)	L.FT.						
33	OBLITERATE PAVEMENT MARKING (STRIPE)	L.FT.						

PARKING LOT DETAILED ESTIMATE						TOTAL PROJECT		
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT			
34	7016020 TEMPORARY CONCRETE BARRIER (IN USE)	L.FT./DAY						
35	7016030 BARRICADE (TYPE II, VERT.PANEL, TUBULAR MARKER)	EACH-DAY						
36	7016031 BARRICADE (TYPE III, HIGH LEVEL FLAG TREES)	EACH-DAY						
37	7016033 PORTABLE SIGN STANDS (SPRING TYPE)	EACH-DAY						
38	7016035 WARNING LIGHTS (TYPE A)	EACH-DAY						
39	7016037 WARNING LIGHTS (TYPE C)	EACH-DAY						
40	7016050 TRUCK MOUNTED ATTENUATOR	EACH-DAY						
41	7016051 TEMPORARY SIGN (LESS THAN 10 S.F.)	EACH-DAY						
42	7016052 TEMPORARY SIGN (10 S.F. OR MORE)	EACH-DAY						
43	7016067 CHANGEABLE MESSAGE BOARD (CONTRACTOR FURNISHED)	EACH-DAY						
44	7016071 PILOT VEHICLE WITH DRIVER	HOOR						
45	7016075 FLAGGING SERVICES (CIVILIAN)	HOOR						
46	7016080 FLAGGING SERVICES (DPS)	HOOR						
47	7020011 IMPACT ATTENUATION DEVICE(SAND BARREL CRASH CUSHION,TYPE A)	EACH						
48	7080001 PERMANENT PAVEMENT MARKING (PAINTED) (WHITE)	L.FT.	5,460					
49	7080011 PERMANENT PAVEMENT MARKING (PAINTED) (YELLOW)	L.FT.	740					
50	7080121 PERMANENT PAVEMENT MARKING (PAINTED SYMBOL) (ARROW)	EACH						
51	7080221 PERMANENT PAVEMENT MARKING (PAINTED LEGEND) (ONLY)	EACH						
52	7090001 DUAL COMPONENT PAVEMENT MARKING (WHITE EPOXY)	L.FT.	5,460					
53	7090002 DUAL COMPONENT PAVEMENT MARKING (YELLOW EPOXY)	L.FT.	740					
54	7090010 DUAL COMPONENT PAVEMENT LEGEND	EACH	7					
55	7090012 DUAL COMPONENT PAVEMENT SYMBOL	EACH						
56	8050003 SEEDING (CLASS II)	ACRE						
57	8101005 EROSION CONTROL (CHECK DAM) (	CU.YD.						
58	8101007 EROSION CONTROL (RIPRAP) (D50)	CU.YD.						
59	8101014 EROSION CONTROL (WATTLES)(20 IN))	L.FT.						
60	8101021 EROSION CONTROL (WATTLES) (9")	L.FT.						
61	9010001 MOBILIZATION	L.SUM						
62	9020106 CHAIN LINK FENCE GATE, TYPE 1 (48") (OVER 13' TO 18' WIDE)	EACH						
63	9030012 BARBED WIRE FENCE, TYPE 2	L.FT.						
64	9030134 CONCRETE VALLEY GUTTER	SQ.FT.	200					
65	9060051 CATTLE GUARD (5 UNIT)	EACH						
66	9080081 CONCRETE CURB AND GUTTER (C-05.10) (TYPE G)	L.FT.	2,981					

PARKING LOT DETAILED ESTIMATE

TOTAL PROJECT					
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
67	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	4,434		
68	CONCRETE SIDEWALK RAMP (C-05.30)(TYPE B))	EACH	5		
69	RIPRAP (DUMPED) (D50=6")	CU.YD.	243		
70	BUILDING (RELOCATE ENTRY BOOTH)	L.SUM			
71	CONTRACTOR QUALITY CONTROL	L.SUM			
72	CONSTRUCTION SURVEYING AND LAYOUT	L.SUM			
ROADWAY SUBTOTAL					
15901-0000	NAVAJO NATION TAX (5%)				
PARKING LOT TOTAL					

SR 64 AND ACCESS ROAD DETAILED ESTIMATE

ITEM NO.	ITEM DESCRIPTION	TOTAL PROJECT		
		UNIT	QUANTITY	AMOUNT
1	CLEARING AND GRUBBING	L.SUM	1	
2	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	2,948	
3	REMOVAL OF SIGNS	L.SUM	1	
4	REMOVE AND SALVAGE CATTLE GUARDS	EACH	1	
5	REMOVE FENCE	L.FT.	1,480	
6	SAW CUTTING	L.FT.	3,412	
7	ROADWAY EXCAVATION	CU.YD.	5,710	
8	STRUCTURE BACKFILL	CU.YD.	50	
9	CROWN DITCH	L.FT.	1,307	
10	BORROW	CU.YD.	2,974	
11	SEPARATION GEOTEXTILE FABRIC	SQ.YD.	27	
12	AGGREGATE BASE, CLASS 2	CU.YD.	954	
13	BITUMINOUS TACK COAT	TON	2	
14	APPLY BITUMINOUS TACK COAT	HOURL	6	
15	COVER MATERIAL (SPECIAL) (PRECOATED CHIPS)	CU.YD.	41	
16	BLOTTER MATERIAL	TON	6	
17	ASPHALT BINDER (PG 70-22)	TON	9	
18	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL) (SPECIAL MIX)	TON	1,428	
19	PIPE CULVERT, 30"	L.FT.	153	
20	PIPE CULVERT, 36"	L.FT.	31	
21	FLARED END SECTION, 30" (C-13.20 OR C-13.25) (PIPE CULVERT)	EACH	4	
22	FLARED END SECTION, 36" (C-13.20 OR C-13.25) (PIPE CULVERT)	EACH	2	
23	REINFORCED CONCRETE BOX CULVERT (10'x5')	L.FT.	17	
24	SLIP BASE (NEW)	EACH	29	
25	SIGN POST (PERFORATED) (2 S)	L.FT.		
26	SIGN POST (PERFORATED) (2 1/2 S)	L.FT.	92	
27	SIGN POST (PERFORATED) (2 1/2 T)	L.FT.	269	
28	FOUNDATION FOR SIGN POST (CONCRETE)	EACH	35	
29	WARNING, MARKER, OR REGULATORY SIGN PANEL	SQ.FT.	518	
30	TEMPORARY CONCRETE BARRIER (INSTALLATION AND REMOVAL)	L.FT.	5,151	
31	TEMPORARY IMPACT ATTENUATORS (INSTALLATION AND REMOVAL)	EACH	4	
32	TEMPORARY PAINTED MARKING (STRIPE)	L.FT.	21,720	
33	OBLITERATE PAVEMENT MARKING (STRIPE)	L.FT.	6,380	

SR 64 AND ACCESS ROAD DETAILED ESTIMATE					
ITEM NO.	ITEM DESCRIPTION	TOTAL PROJECT			AMOUNT
		UNIT	QUANTITY	UNIT PRICE	
34	TEMPORARY CONCRETE BARRIER (IN USE)	L.FT./DAY	156,920		
35	BARRICADE (TYPE II, VERT. PANEL, TUBULAR MARKER)	EACH-DAY	1,706		
36	BARRICADE (TYPE III, HIGH LEVEL FLAG TREES)	EACH-DAY	3,412		
37	PORTABLE SIGN STANDS (SPRING TYPE)	EACH-DAY	1,230		
38	WARNING LIGHTS (TYPE A)	EACH-DAY	1,194		
39	WARNING LIGHTS (TYPE C)	EACH-DAY	1,608		
40	TRUCK MOUNTED ATTENUATOR	EACH-DAY	7		
41	TEMPORARY SIGN (LESS THAN 10 S.F.)	EACH-DAY	828		
42	TEMPORARY SIGN (10 S.F. OR MORE)	EACH-DAY	268		
43	CHANGEABLE MESSAGE BOARD (CONTRACTOR FURNISHED)	EACH-DAY	134		
44	PILOT VEHICLE WITH DRIVER	HOURL	20		
45	FLAGGING SERVICES (CIVILIAN)	HOURL	20		
46	FLAGGING SERVICES (DPS)	HOURL	10		
47	IMPACT ATTENUATION DEVICE(SAND BARREL CRASH CUSHION, TYPE A)	EACH	4		
48	PERMANENT PAVEMENT MARKING (PAINTED) (WHITE)	L.FT.	5,490		
49	PERMANENT PAVEMENT MARKING (PAINTED) (YELLOW)	L.FT.	10,030		
50	PERMANENT PAVEMENT MARKING (PAINTED SYMBOL) (ARROW)	EACH	4		
51	PERMANENT PAVEMENT MARKING (PAINTED LEGEND) (ONLY)	EACH	2		
52	DUAL COMPONENT PAVEMENT MARKING (WHITE EPOXY)	L.FT.	5,490		
53	DUAL COMPONENT PAVEMENT MARKING (YELLOW EPOXY)	L.FT.	10,030		
54	DUAL COMPONENT PAVEMENT LEGEND	EACH	2		
55	DUAL COMPONENT PAVEMENT SYMBOL	EACH	4		
56	SEEDING (CLASS II)	ACRE	1		
57	EROSION CONTROL (CHECK DAM) (	CU.YD.	250		
58	EROSION CONTROL (RIPRAP) (D50)	CU.YD.	20		
59	EROSION CONTROL (WATTLES)(20 IN))	L.FT.	3,367		
60	EROSION CONTROL (WATTLES) (9")	L.FT.	6,988		
61	MOBILIZATION	L.SUM	1		
62	CHAIN LINK FENCE GATE, TYPE 1 (48") (OVER 13' TO 18' WIDE)	EACH	2		
63	BARBED WIRE FENCE, TYPE 2	L.FT.	1,548		
64	CONCRETE VALLEY GUTTER	SQ.FT.			
65	CATTLE GUARD (5 UNIT)	EACH	1		
66	CONCRETE CURB AND GUTTER (C-05.10) (TYPE G)	L.FT.			

SR 64 AND ACCESS ROAD DETAILED ESTIMATE							TOTAL PROJECT		
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT				
67	CONCRETE SIDEWALK (C-05.20)	SQ.FT.							
68	CONCRETE SIDEWALK RAMP (C-05.30)(TYPE B))	EACH							
69	RIPRAP (DUMPED) (D50=6")	CU.YD.	27						
70	BUILDING (RELOCATE ENTRY BOOTH)	L.SUM	1						
71	CONTRACTOR QUALITY CONTROL	L.SUM	1						
72	CONSTRUCTION SURVEYING AND LAYOUT	L.SUM	1						
73	FORMED RUMBLE STRIP	L.FT.	3,298						
	ROADWAY SUBTOTAL								
15901-0000	NAVAJO NATION TAX (5%)								
	SR 64 AND ACCESS ROAD TOTAL								