ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST
BIA 12 Cherry Creek to Eagle Butte RAISE
CHEYENNE RIVER SIOUX TRIBE
12/6/2024
BIA 12 - Cherry Creek Road

BID ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
009E0010	Mobilization	LS	1	$ 740,000.00	$ 740,000.00
009E1350	Restoration of Stockpile Site	LS	1	$ 12,500.00	$ 12,500.00
110E0130	Remove Traffic Sign	Each	5	$ 17.00	$ 85.00
110E0500	Remove Pipe Culvert	Ft	58	$ 40.00	$ 2,320.00
110E0510	Remove Pipe End Section	Each	4	$ 400.00	$ 1,600.00
110E7150	Remove Sign for Reset	Each	20	$ 65.00	$ 1,300.00
110E7510	Remove Pipe End Section for Reset	Each	3	$ 475.00	$ 1,425.00
120E0010	Unclassified Excavation	CuYd	112,303	$ 7.00	$ 786,121.00
120E0100	Unclassified Excavation, Digouts	CuYd	2,685	$ 12.00	$ 32,220.00
120E0600	Contractor Furnished Borrow Excavation	CuYd	18,271	$ 20.00	$ 365,418.00
120E0601	Contractor Furnished Borrow Material - Clay	CuYd	27,609	$ 20.00	$ 552,180.00
230E0010	Placing Topsoil	CuYd	92,660	$ 4.50	$ 416,970.00
230E0020	Contractor Furnished Topsoil	CuYd	13,189	$ 45.00	$ 593,505.00
260E1010	Base Course	Ton	5,370	$ 32.00	$ 171,840.00
280E0010	Full Depth Reclamation & Stabilization	SqYd	276,085	$ 1.85	$ 510,757.25
320E0005	PG 58-34 Asphalt Binder	Ton	4,887	$ 920.00	$ 4,495,856.00
320E1050	Class E Asphalt Concrete	Ton	81,446	$ 68.00	$ 5,538,355.20
320E7008	Grind 8" Rumble Strip or Stripe in Asphalt Concrete	Mile	54.3	$ 750.00	$ 40,725.00
320E7040	Grind 6" Transverse Rumble Strip in Asphalt Concrete	Ft	442	$ 10.00	$ 4,420.00
330E0010	MC-70 Asphalt for Prime	Ton	558	$ 1,350.00	$ 753,840.00
330E0100	SS-1h or CSS-1h Asphalt for Tack	Ton	340	$ 895.00	$ 304,300.00
330E0300	SS-1h or CSS-1h Asphalt for Fog Seal	Ton	63	$ 1,150.00	$ 72,450.00
330E1000	Blotting Sand for Prime	Ton	30	$ 79.00	$ 2,370.00
360E0020	AE150S Asphalt for Surface Treatment	Ton	366	$ 815.00	$ 298,290.00
360E1020	Type 1B Cover Aggregate	Ton	3,185	$ 72.00	$ 229,320.00
450E4768	24" CMP 14 Gauge, Furnish	Ft	48	$ 75.00	$ 3,600.00
450E4770	24" CMP, Install	Ft	48	$ 65.00	$ 3,120.00
450E4778	30" CMP 14 Gauge, Furnish	Ft	34	$ 85.00	$ 2,890.00
450E4780	30" CMP, Install	Ft	34	$ 65.00	$ 2,210.00
450E5215	24" CMP Flared End, Furnish	Each	2	$ 400.00	$ 800.00
450E5216	24" CMP Flared End, Install	Each	2	$ 500.00	$ 1,000.00
450E7029	24" High Density Polyethylene Pipe, Furnish	Ft	62	$ 50.00	$ 3,100.00
450E7030	24" High Density Polyethylene Pipe, Install	Ft	62	$ 65.00	$ 4,030.00
450E9001	Reset Pipe End Section	Each	3	$ 750.00	$ 2,250.00
630E0500	Type 1 MGS	Ft	14,560	$ 45.00	$ 655,200.00
630E1010	Straight Class A W Beam Guardrail with Wood Posts	Ft		$ 65.00	$ -
630E1015	Straight Class A W Beam Guardrail With CRT Posts	Ft	62.5	$ 65.00	$ 4,062.50
630E1025	Curved Class A W Beam Guradrail With CRT Posts	Ft	75	$ 75.00	$ 5,625.00
630E1505	Type 2A Guardrail Transition	Each	8	$ 4,750.00	$ 38,000.00
630E2005	W Beam Guardrail to MGS Transition	Each	5	$ 3,000.00	$ 15,000.00
630E2018	MGS Mash Tangent Terminal	Each	49	$ 4,900.00	$ 240,100.00
630E2035	W Beam Guardrail Special Anchor Assembly	Each	5	$ 3,000.00	$ 15,000.00
632E1320	2 " X 2" Perforated Tube Post	Ft	148	$ 22.50	$ 3,330.00
632E2022	4" X 4" White Delineator Back to Back with 1.12 lb/ft Post	Each	716	$ 33.00	$ 23,628.00
632E2028	4" Tubular White Delineator with 1.12 lb/ft Post	Each	16	$ 39.00	$ 624.00
632E2220	Guardrail Delineator	Each	291	$ 33.50	$ 9,748.50
632E2510	Type 2 Object Marker Back to Back	Each	24	$ 37.50	$ 900.00
632E3205	Flat Aluminum sign, Nonremovable Copy Super/Very High Intensity	SqFt	159.8	$ 17.00	$ 2,716.60
632E3500	Reset Sign	Each	20	$ 120.00	$ 2,400.00
633E1010	Epoxy Pavement Marking Paint, White	Gal	996	$ 32.00	$ 31,865.60
633E1015	Epoxy Pavement Marking Paint, Yellow	Gal	806	$ 35.00	$ 28,219.80
634E0010	Flagging	Hour	1,120	$ 55.00	$ 61,600.00
634E0020	Pilot Car	Hour	560	$ 65.00	$ 36,400.00
634E0110	Traffic Control Signs	SqFt	307	$ 3.00	$ 921.00
634E0120	Traffic Control, Miscellaneous	LS	1	$ 67,000.00	$ 67,000.00
634E0630	Temporary Pavement Markings	Mile	90.5	$ 500.00	$ 45,250.00
730E0210	Type F Seed Mixture	Lb	5,120	$ 32.00	$ 163,840.00
732E0200	Fiber Mulching	Ton	295	$ 2,350.00	$ 693,250.00
734E0010	Erosion Control	LS	1	$ 45,000.00	$ 45,000.00
900E3070	Stabilizing Additive for Granular Material (Dirt Armor)	Gal	4,190.0	$ 450.00	$ 1,885,500.00
734E0325	Surface Roughening	Acre	25	$ 540.00	$ 13,500.00
900E3050	Lime for FDR	Ton	3	$ 300.00	$ 900.00
Subtotal					**$ 20,040,748.45**
Contingency		**5%**			**$ 1,002,037.42**
Tribal Administration/Overhead		**10%**			**$ 2,004,074.85**
Construction Administration, Staking, and Testing		**8%**			**$ 1,603,259.88**
TERO Fee		**4.5%**			**$ 1,019,072.06**
Landfill Fee		**1%**			**$ 226,460.46**
				TOTAL:	**$ 25,895,653.11**