

Muskingum County Engineer
 Bid Analysis
 MUS-C.R.5-4.10
 PID 110919

Bridge Replacement Project

Bid Results - April 17, 2023, 10:00am

MUS-C.R.5-4.10

Line	Item No.	Ext.	Item Description	Quantity	Unit	Engineer's Estimate		U.S. Bridge	
						Unit Price	Total Price	Unit Price	Total Price
001	201	11000	CLEARING AND GRUBBING	1	LS	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
002	202	75000	FENCE REMOVED	60	FT	\$10.00	\$600.00	\$38.57	\$2,314.20
003	203	10000	EXCAVATION	127	CY	\$50.00	\$6,350.00	\$138.89	\$17,639.03
004	203	20000	EMBANKMENT	27	CY	\$75.00	\$2,025.00	\$166.67	\$4,500.09
005	204	10000	SUBGRADE COMPACTION	393	SY	\$10.00	\$3,930.00	\$22.22	\$8,732.46
006	606	25550	ANCHOR ASSEMBLY, MGS TYPE A	2	EACH	\$1,500.00	\$3,000.00	\$3,555.52	\$7,111.04
007	606	26550	ANCHOR ASSEMBLY, MGS TYPE T	2	EACH	\$1,250.00	\$2,500.00	\$3,333.30	\$6,666.60
008	606	35003	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN	3	EACH	\$2,500.00	\$7,500.00	\$9,333.24	\$27,999.72
009	606	99200	ANCHOR ASSEMBLY, MISC.:LOW SPEED TRANSITION	1	EACH	\$1,500.00	\$1,500.00	\$1,999.98	\$1,999.98
010	604	32204	ROCK CHANNEL PROTECTION. TYPE C, WITH FABRIC FILTER	28	CY	\$150.00	\$4,200.00	\$219.88	\$6,156.64
011	659	00530	SEEDING AND MULCHING	220	SY	\$10.00	\$2,200.00	\$23.18	\$5,099.60
012	659	20000	COMMERCIAL FERTILIZER	0.03	TON	\$500.00	\$15.00	\$2,222.33	\$66.67
013	659	31000	LIME	0.1	ACRE	\$250.00	\$25.00	\$2,222.20	\$222.22
014	659	35000	WATER	2	M GAL	\$15.00	\$30.00	\$100.00	\$200.00
015	832	30000	EROSION CONTROL	2000	EACH	\$1.00	\$2,000.00	\$1.00	\$2,000.00
016	301	46000	ASPHALT CONCRETE BASE, PG64-22	42	CY	\$300.00	\$12,600.00	\$511.00	\$21,466.62
017	304	20000	AGGREGATE BASE	66	CY	\$150.00	\$9,900.00	\$222.22	\$14,666.52
018	407	10000	TACK COAT	36	GAL	\$5.00	\$180.00	\$2.50	\$90.00
019	411	10000	STABILIZED CRUSHED AGGREGATE	14	CY	\$150.00	\$2,100.00	\$333.33	\$4,666.62
020	441	50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) PG64-22	13	CY	\$325.00	\$4,225.00	\$599.99	\$7,799.87
021	441	50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	18	CY	\$300.00	\$5,400.00	\$577.77	\$10,399.86
022	626	00110	BARRIER REFLECTOR, TYPE 2, BI-DIRECTIONAL	8	EACH	\$15.00	\$120.00	\$11.11	\$88.88
023	642	00300	CENTER LINE, TYPE 1	0.06	MILE	\$20,000.00	\$1,200.00	\$22,166.50	\$1,329.99
024	614	12421	DETOUR SIGNING, AS PER PLAN	1	LS	\$5,000.00	\$5,000.00	\$4,438.84	\$4,438.84
025	202	11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	1	LS	\$50,000.00	\$50,000.00	\$35,919.55	\$35,919.55
026	503	11100	COFFERDAMS AND EXCAVATION BRACING	1	LS	\$5,000.00	\$5,000.00	\$555.55	\$555.55
027	503	21301	UNCLASSIFIED EXCAVATION, AS PER PLAN	1	LS	\$15,000.00	\$15,000.00	\$22,105.05	\$22,105.05
028	505	11100	PILE DRIVING MOBILIZATION	1	LS	\$25,000.00	\$25,000.00	\$28,888.60	\$28,888.60
029	507	00200	STEEL PILES HP12X53, FURNISHED	180	FT	\$50.00	\$9,000.00	\$47.11	\$8,479.80
030	507	00250	STEEL PILES HP12X53, DRIVEN	120	FT	\$150.00	\$18,000.00	\$67.78	\$8,133.60
031	509	10000	EPOXY COATED REINFORCING STEEL	20516	LB	\$1.50	\$30,774.00	\$2.00	\$41,032.00
032	511	21533	CLASS QC2 CONCRETE, SUPERSTRUCTURE, AS PER PLAN	68	CY	\$1,000.00	\$68,000.00	\$853.56	\$58,042.08
033	511	45511	CLASS QC1 CONCRETE, ABUTMENT	48	CY	\$750.00	\$36,000.00	\$866.50	\$41,592.00
034	512	10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	120	SY	\$25.00	\$3,000.00	\$76.06	\$9,127.20
035	513	10121	STRUCTURAL STEEL MEMBERS, LEVEL 6, AS PER PLAN	1	LS	\$500,000.00	\$500,000.00	\$445,752.35	\$445,752.35
036	513	20000	WELDED STUD SHEAR CONNECTORS	400	EACH	\$6.00	\$2,400.00	\$9.00	\$3,600.00
037	516	11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN	44	FT	\$250.00	\$11,000.00	\$666.93	\$29,344.92
038	517	70001	RAILING (TWIN STEEL TUBE)	212	FT	\$150.00	\$31,800.00	\$200.09	\$42,419.08
039	518	22301	SPECIAL - STEEL DRIP STRIP	42	FT	\$25.00	\$1,050.00	\$66.15	\$2,778.30
040	614	11000	MAINTAINING TRAFFIC	1	LS	\$5,000.00	\$5,000.00	\$3,333.30	\$3,333.30
041	623	10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	\$5,000.00	\$5,000.00	\$5,555.50	\$5,555.50
042	624	10000	MOBILIZATION	1	LS	\$25,000.00	\$25,000.00	\$58,946.63	\$58,946.63

\$21,462.00

TOTALS \$922,624.00

**\$1,011,260.96
ERROR**

**\$1,011,256.34
CORRECTED**