

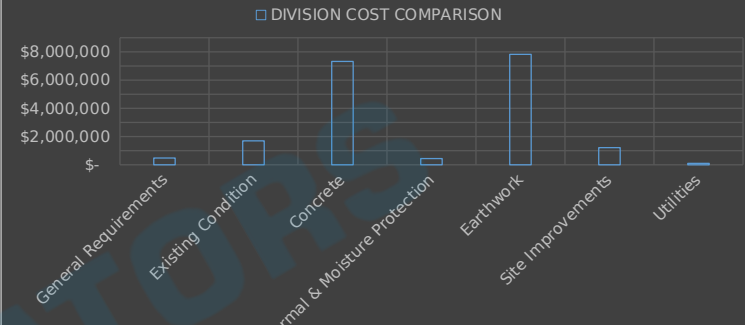
GENERAL SUMMARY

Prepared for: New York
 Project ID: 1
 Scope: BRIDGE
 Date:



DIVISION NO	DESCRIPTION	TOTAL DIV. COST
1000	General Requirements	\$ 479,500
2000	Existing Condition	\$ 1,697,362
3000	Concrete	\$ 7,325,054
7000	Thermal & Moisture Protection	\$ 441,501
31000	Earthwork	\$ 7,823,282
32000	Site Improvements	\$ 1,212,313
33000	Utilities	\$ 101,868
TOTAL TRADE COST		\$ 19,080,880
OVERHEAD AND PROFIT 10%		\$ 1,908,088
INSURANCE 3%		\$ 572,426
CONTINGENCY 5%		\$ 954,044
TAX 8%		\$ 409,458
SUGGESTED BID		\$ 22,924,896

DIVISION COST COMPARISON



DETAILED BREAKDOWN OF ITEMS													
Prepared for:	New York												
Project ID:	1												
Scope:	BRIDGE												
												Date:	19-Dec-23
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 15,000.00	\$ 15,000.00
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 212,000.00	\$ 212,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 8,500.00	\$ 8,500.00
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 20,000.00	\$ 20,000.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 158,000.00	\$ 158,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 56,000.00	\$ 56,000.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 10,000.00	\$ 10,000.00
												SUBTOTAL	\$ 479,500
EXISTING CONDITIONS													
DEMOLITION													
8			Removal of Existing Pavement	CY	18099.41	0%	18099	1.667	\$ 55.00	\$ 91.69	\$ -	\$ 91.69	\$ 1,659,444.60
9			Removal of Existing Steel Safety Barrier including Post and Foundations (any type, any size)	LF	656	0%	656	0.028	\$ 55.00	\$ 1.54	\$ -	\$ 1.54	\$ 1,010.24
10			Removal of Existing Concrete Barrier including Foundations (any type, any size)	LF	1312	0%	1312	0.060	\$ 55.00	\$ 3.30	\$ -	\$ 3.30	\$ 4,329.60
11			Removal of Existing Sign Boards including Post and Foundations (any size)	EA	5	0%	5	2.100	\$ 55.00	\$ 115.50	\$ -	\$ 115.50	\$ 577.50
TESTING													
12			Pile Testing	LS	1	0%	1					\$ 32,000.00	\$ 32,000.00
												SUBTOTAL	\$ 1,697,362
CONCRETE													
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13			Concrete Class 15 for Blinding for Bridge Foundation	CY	171.84	10%	189	2.470	\$ 85.00	\$ 209.95	\$ 186	\$ 395.78	\$ 74,813.98
14			Concrete Class 30 for Foundation Elements	CY	4162.64	10%	4579	2.470	\$ 85.00	\$ 209.95	\$ 199	\$ 409.35	\$ 1,874,372.30
15			Concrete Class 35 for Elevation Elements	CY	3570.60	10%	3928	2.470	\$ 85.00	\$ 209.95	\$ 204	\$ 413.53	\$ 1,624,204.99
16			Concrete Class 40 for Prestressed Elements on Bridge	CY	261.77	10%	288	2.470	\$ 85.00	\$ 209.95	\$ 212	\$ 421.88	\$ 121,481.20
17			Concrete Class 40 for Post Tensioned Girders at Bridge	CY	1379.31	10%	1517	2.470	\$ 85.00	\$ 209.95	\$ 212	\$ 421.88	\$ 640,092.66
REINFORCING STEEL													
18			High Tensile Steel Bar Reinforcement of any Diameter	Tonnes	945.37	10%	1040	20.00	\$ 66.00	\$ 1,320.00	\$ 1,186.83	\$ 2,506.83	\$ 2,606,870.06
19			Reinforcement	Tonnes	152.87	0%	153	20.00	\$ 66.00	\$ 1,320.00	\$ 1,186.83	\$ 2,506.83	\$ 383,219.10
												SUBTOTAL	\$ 7,325,054
THERMAL & MOISTURE PROTECTION													
WATER-PROOFING													
20			Bituminous Paint	SF	118826	5%	124767	0.014	\$ 62.00	\$ 0.87	\$ 1.41	\$ 2.28	\$ 284,219
21			Membrane Waterproofing to Deck Slabs	SF	36957	5%	38805	0.026	\$ 62.00	\$ 1.61	\$ 0.66	\$ 2.27	\$ 88,166
22			Membrane Waterproofing to Foundations	SF	28972	5%	30421	0.026	\$ 62.00	\$ 1.61	\$ 0.66	\$ 2.27	\$ 69,117
												SUBTOTAL	\$ 441,501
EARTHWORK													
CLEARING & GRUBBING													
23			Clearing and Grubbing	SF	148897	0%	148897	0.004	\$ 55.00	\$ 0.19	\$ -	\$ 0.19	\$ 28,663
EXCAVATION													
24			Unclassified Excavation	CY	360455	0%	360455	0.355	\$ 55.00	\$ 19.53	\$ -	\$ 19.53	\$ 7,037,893
25			Borrow Excavation	CY	1306	0%	1306	0.355	\$ 55.00	\$ 19.53	\$ -	\$ 19.53	\$ 25,494
26			Sub-grade Preparation in Cut	CY	3525	0%	3525	0.158	\$ 55.00	\$ 8.69	\$ -	\$ 8.69	\$ 30,636
27			Structural Excavation (0-2m Depth)	CY	3960	0%	3960	0.355	\$ 55.00	\$ 19.53	\$ -	\$ 19.53	\$ 77,323
28			Structural Excavation (2m-4m Depth)	CY	3804	0%	3804	0.355	\$ 55.00	\$ 19.53	\$ -	\$ 19.53	\$ 74,263
29			Structural Excavation (Depth >4m)	CY	2685	0%	2685	0.355	\$ 55.00	\$ 19.53	\$ -	\$ 19.53	\$ 52,415
PILING													
30			Piling (1000mm dia. concrete piles up to 30m depth)	EA	127	0%	127	11.76	\$ 85.00	\$ 999.60	\$ 2,910.60	\$ 3,910.20	\$ 496,595
												SUBTOTAL	\$ 7,823,282
SITE IMPROVEMENT													
SUB-BASE													
31			Granular Sub-Base course (Class B)	CY	2211	10%	2432	0.448	\$ 60.00	\$ 26.88	\$ 38.00	\$ 64.88	\$ 157,793
BASE COURSE													
32			Aggregate Base Course	CY	2948	10%	3243	0.448	\$ 60.00	\$ 26.88	\$ 41.66	\$ 68.54	\$ 222,293
PRIME & TACK COATS													
33			Bituminous Prime Coat	Lbs	25769	10%	28345	0.030	\$ 60.00	\$ 1.80	\$ 2.45	\$ 4.25	\$ 120,538
34			Bituminous Tack Coat	Lbs	12884	10%	14173	0.030	\$ 60.00	\$ 1.80	\$ 2.10	\$ 3.90	\$ 55,323
BITUMINOUS BASE COURSE													
35			Bituminous Base Course, Class B	CY	953	10%	1048	0.405	\$ 68.00	\$ 27.54	\$ 166.66	\$ 194.20	\$ 203,613
36			Bituminous Wearing Course, Class B	CY	953	10%	1048	0.486	\$ 68.00	\$ 33.05	\$ 169.76	\$ 202.80	\$ 212,637
GRANULAR BACKFILL													
37			Granular Backfill for Drainage Pipe	CY	26	10%	29	0.448	\$ 60.00	\$ 26.88	\$ 38.00	\$ 64.88	\$ 1,866
SAFETY BARRIERS & FENCES													
38			W - Beam Guard rail, standard section (W150x13.5) strong post W - Beam Guard rail, transition section	LF	43	10%	47	0.060	\$ 60.00	\$ 3.60	\$ 68.23	\$ 71.83	\$ 3,369
39			W - Beam Guard rail terminal section with Anchor Type 1 W-Beam Grail posts Barrier reflectors	LF	2558	10%	2814	0.056	\$ 60.00	\$ 3.36	\$ 55.77	\$ 59.13	\$ 166,406
RIPRAP													
40			Mortared Stone RipRap Class B	CY	940	10%	1034	0.032	\$ 60.00	\$ 1.94	\$ 64.27	\$ 66.22	\$ 68,475
												SUBTOTAL	\$ 1,212,313
UTILITIES													
DRAINAGE OF STRUCTURES													
41			Drainage Pipe in Structure, uPVC	LF	2437	10%	2681	0.140	\$ 75.00	\$ 10.50	\$ 27.50	\$ 38.00	\$ 101,868
												SUBTOTAL	\$ 101,868
												PROJECTED COST	\$19,080,880
OVERHEAD AND PROFIT												10%	\$1,908,088
INSURANCE												3%	\$572,426
CONTINGENCY												5%	\$954,044
TAX												8%	\$409,458
SUGGESTED BID													\$22,924,896