

PROPOSAL
to the

Grade Construction
110 Pennsylvania Avenue
Paterson, NJ 07503

**BOARD OF COUNTY COMMISSIONERS
COUNTY OF MONMOUTH, NEW JERSEY**
for the
Project Entitled:

**REPLACEMENT OF BRIDGE MA-11
ON ABERDEEN ROAD OVER MATAWAN CREEK
IN THE BOROUGH OF MATAWAN
MONMOUTH COUNTY, NEW JERSEY**

F-74-2022

The undersigned hereby declare that he/she has carefully examined the Advertisement, Standard Specifications, Addendum(s) to Standard Specifications, Instructions to Bidders, Form of Contract and Bond for the Project named above; that he/she has carefully examined the site of the Project as provided in Section 102 of the 2019 Standard Specifications and that he/she will contract to carry out and complete said Project as specified and delineated at the prices per unit measure for each scheduled item of work stated in the Schedule of Prices.

It is understood that the total price, stated by the undersigned in the Schedule of Prices for the various item, is based on the estimated quantities and will control in the awarding of the Contract.

It is further understood that the quantities stated in this Schedule of Prices are estimates only and may be increased or decreased as provided for in the Specifications.

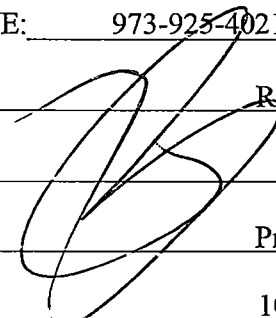
Submitted By:

The undersigned is a Partnership, an individual, Limited Liability Company, or a Corporation under the laws of the State of New Jersey, having principal offices at

CONTRACTOR: Grade Construction

ADDRESS: 110 Pennsylvania Ave, Paterson, NJ 07503

TELEPHONE: 973-925-4021 FAX: 973-782-5958

BY:  Ralph Diaco
(Printed)

(Signed)

TITLE: President

DATE: 10/24/23

SCHEDULE OF QUANTITIES & PRICES

Project Entitled:

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F-74-2022

ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
1	LUMP SUM	PROGRESS SCHEDULE	\$ 2,662.25	\$ 2,662.25
2	LUMP SUM	MOBILIZATION	\$ 209,908.43	\$ 209,908.43
3	1 U	FIELD OFFICE TYPE B SET UP	\$ 41,058.17	\$ 41,058.17
4	21 MO	FIELD OFFICE TYPE B MAINTENANCE	\$ 30.28	\$ 635.88
5	LUMP SUM	CONSTRUCTION LAYOUT	\$ 51,296.14	\$ 51,296.14
6	4,652 LF	SILT FENCE	\$ 3.25	\$ 15,119.00
7	23 U	INLET FILTER TYPE 2, 2' X 4'	\$ 218.41	\$ 5,023.43
8	5 U	INLET FILTER TYPE 2, 4' X 4'	\$ 234.38	\$ 1,171.90
9	283 LF	FLOATING TURBIDITY BARRIER, TYPE 3	\$ 18.22	\$ 5,156.26
10	1 U	CONCRETE WASHOUT SYSTEM	\$ 1,059.46	\$ 1,059.46
11	2 U	OIL ONLY EMERGENCY SPILL KIT, TYPE 1	\$ 1,277.88	\$ 2,555.76
12	14 U	BREAKAWAY BARRICADE	\$ 0.01	\$ 0.14
13	25 U	DRUM	\$ 0.01	\$ 0.25
14	50 U	TRAFFIC CONE	\$ 0.01	\$ 0.50
15	309 SF	CONSTRUCTION SIGNS	\$ 26.63	\$ 8,228.67
16	60 LF	CONSTRUCTION BARRIER CURB	\$ 50.06	\$ 3,003.60
17	2 U	PORTABLE VARIABLE MESSAGE SIGN	\$ 4,122.37	\$ 8,244.74
18	4 U	CONSTRUCTION IDENTIFICATION SIGN, 6' X 4'	\$ 798.67	\$ 3,194.68
19	10,000 DOLL	UNIFORMED POLICE OFFICERS ALLOWANCE	\$1.00	\$10,000.00
20	5,000 DOLL	PEDESTRIAN ACCESS ALLOWANCE	\$1.00	\$5,000.00
21	14,900 DOLL	FUEL PRICE ADJUSTMENT	\$1.00	\$14,900.00
22	11,200 DOLL	ASPHALT PRICE ADJUSTMENT	\$1.00	\$11,200.00
23	613,800 DOLL	STEEL PRICE ADJUSTMENT	\$1.00	\$613,800.00
24	LUMP SUM	VIBRATION MONITORING	\$ 34,502.66	\$ 34,502.66
25	LUMP SUM	CLEARING SITE	\$ 362,087.20	\$ 362,087.20
26	LUMP SUM	CLEARING SITE, BRIDGE MA-11	\$ 320,127.86	\$ 320,127.86
27	20 U	EXCAVATION, TEST PIT	\$ 352.99	\$ 7,059.80
28	5,129 CY	EXCAVATION, UNCLASSIFIED	\$ 21.39	\$ 109,709.31
29	6,503 CY	EXCAVATION, WET DISPOSAL OF REGULATED	\$ 31.55	\$ 205,169.65
30	100,000 DOLL	MATERIALS AND ACID PRODUCING SOILS ALLOWANCE	\$1.00	\$100,000.00

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F-74-2022

ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
31	10,000 DOLL	MATERIAL SAMPLING AND ANALYSES, REGULATED, ALLOWANCE	\$1.00	\$10,000.00
32	13,562 CY	I-9 SOIL AGGREGATE	\$ 53.79	\$ 729,499.98
33	3,065 CY	I-11 SOIL AGGREGATE	\$ 84.11	\$ 257,797.15
34	1,389 CY	I-14 SOIL AGGREGATE	\$ 66.81	\$ 92,799.09
35	4,873 CY	LIGHTWEIGHT SOIL AGGREGATE	\$ 147.78	\$ 720,131.94
36	1,000 CY	CONTROLLED LOW STRENGTH MATERIAL	\$ 178.34	\$ 178,340.00
37	3,852 SY	COLUMN SUPPORTED EMBANKMENT SYSTEM (CSES)	\$ 34.93	\$ 134,550.36
38	6,979 SY	DENSE-GRADED AGGREGATE BASE COURSE, 6" THICK	\$ 9.72	\$ 67,835.88
39	200 CY	COARSE AGGREGATE, SIZE NO. 57	\$ 86.83	\$ 17,366.00
40	22 SY	CONCRETE BASE COURSE, 8" THICK	\$ 156.15	\$ 3,435.30
41	303 SY	HMA MILLING, 3" OR LESS	\$ 13.31	\$ 4,032.93
42	718 GAL	TACK COAT	\$ 0.01	\$ 7.18
43	892 TON	HOT MIX ASPHALT 9.5M64 SURFACE COURSE	\$ 127.26	\$ 113,515.92
44	2,648 TON	HOT MIX ASPHALT 19M64 BASE COURSE	\$ 115.27	\$ 305,234.96
45	78,933 SF	PERMANENT SHEETING	\$ 69.22	\$ 5,463,742.26
46	LUMP SUM	TEMPORARY COFFERDAM	\$ 1,010,587.33	\$ 1,010,587.33
47	LUMP SUM	PERMANENT COFFERDAM	\$ 899,838.03	\$ 899,838.03
48	3,435 SF	STEEL TIE-BACK SHEETING	\$ 102.23	\$ 351,160.05
49	720 SF	PERMANENT SHEETING, FIBERGLASS	\$ 133.12	\$ 95,846.40
50	LUMP SUM	FURNISHING EQUIPMENT FOR DRIVING PILES	\$ 362,065.01	\$ 362,065.01
51	300 LF	TEST PILE, FURNISHED	\$ 90.51	\$ 27,153.00
52	300 LF	TEST PILE, DRIVEN	\$ 340.76	\$ 102,228.00
53	4 U	DYNAMIC PILE LOAD TEST	\$ 5,324.49	\$ 21,297.96
54	4,340 LF	CAST-IN-PLACE CONCRETE PILE, FURNISHED, 14" DIAMETER	\$ 90.51	\$ 392,813.40
55	4,030 LF	CAST-IN-PLACE CONCRETE PILE, DRIVEN, 14" DIAMETER	\$ 149.09	\$ 600,832.70
56	6,140 LF	STEEL H-PILE, FURNISHED, HP 14 X 73	\$ 207.66	\$ 1,275,032.40
57	6,140 LF	STEEL H-PILE, DRIVEN, HP 14 X 73	\$ 61.76	\$ 379,206.40
58	98,300 LB	REINFORCEMENT STEEL, GALVANIZED	\$ 2.43	\$ 238,869.00
59	178 CY	CONCRETE FOOTING	\$ 606.97	\$ 108,040.66

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
60	55 CY	CONCRETE WING WALL	\$ 1,330.37	\$ 73,170.35
61	329 CY	CONCRETE ABUTMENT WALL	\$ 703.02	\$ 231,293.58
62	200 CY	CONCRETE SEAL	\$ 423.73	\$ 84,746.00
63	32 SY	EPOXY WATERPROOFING	\$ 29.87	\$ 955.84
64	1,569 SY	CONCRETE STAINING	\$ 17.79	\$ 27,912.51
65	52 LF	CONCRETE PYLON	\$ 566.49	\$ 29,457.48
66	550 LF	PRETENSIONED-PRESTRESSED CONCRETE BEAM, 45"	\$ 530.11	\$ 291,560.50
67	1,597 SY	PRECAST CONCRETE MOMENT SLAB	\$ 887.51	\$ 1,417,353.47
68	14 U	REINFORCED ELASTOMERIC BEARING ASSEMBLY	\$ 3,202.90	\$ 44,840.60
69	219,360 LB	STRUCTURAL STEEL, GALVANIZED	\$ 13.04	\$ 2,860,454.40
70	88 LF	STRIP SEAL EXPANSION JOINT ASSEMBLY	\$ 528.15	\$ 46,477.20
71	96 CY	CONCRETE BRIDGE DECK, HPC	\$ 2,364.16	\$ 226,959.36
72	21 CY	CONCRETE BRIDGE SIDEWALK, HPC	\$ 858.51	\$ 18,028.71
73	2,348 LF	STEEL 4 BAR BRIDGE RAILING	\$ 372.72	\$ 875,146.56
74	2 U	BRIDGE IDENTIFICATION PLAQUE, 22" X 22"	\$ 4,019.46	\$ 8,038.92
75	32 LF	ORNAMENTAL RAILING	\$ 372.72	\$ 11,927.04
76	112 SF	LANDSCAPE RETAINING WALL	\$ 102.06	\$ 11,430.72
77	1,242 LF	18" REINFORCED CONCRETE PIPE	\$ 68.23	\$ 84,741.66
78	650 LF	24" REINFORCED CONCRETE PIPE	\$ 80.83	\$ 52,539.50
79	235 LF	36" REINFORCED CONCRETE PIPE	\$ 144.44	\$ 33,943.40
80	200 LF	6" HIGH DENSITY POLYETHYLENE PIPE	\$ 29.69	\$ 5,938.00
81	8 CY	CONCRETE HEADWALL	\$ 3,212.67	\$ 25,701.36
82	13 U	INLET, TYPE B	\$ 5,393.84	\$ 70,119.92
83	1 U	INLET, TYPE DOUBLE B	\$ 7,378.71	\$ 7,378.71
84	5 U	INLET, TYPE E	\$ 5,304.72	\$ 26,523.60
85	2 U	MANHOLE, 4' DIAMETER	\$ 5,427.26	\$ 10,854.52
86	7 U	MANHOLE, 5' DIAMETER	\$ 7,016.30	\$ 49,114.10
87	3 U	MANHOLE, 6' DIAMETER	\$ 12,357.94	\$ 37,073.82
88	1 U	RESET EXISTING CASTING	\$ 798.67	\$ 798.67
89	6 U	RECONSTRUCTED INLET, TYPE B, USING EXISTING CASTING	\$ 2,949.85	\$ 17,699.10
90	1 U	MANUFACTURED TREATMENT DEVICE, SIZE 4' X 4'	\$ 16,144.26	\$ 16,144.26
91	1 U	MANUFACTURED TREATMENT DEVICE, SIZE 4' X 6'	\$ 17,352.92	\$ 17,352.92

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
92	1 U	MANUFACTURED TREATMENT DEVICE, SIZE 4.5' X 7.83'	\$ 18,104.65	\$ 18,104.65
93	1 U	MANUFACTURED TREATMENT DEVICE, SIZE 6' X 8'	\$ 22,721.22	\$ 22,721.22
94	1 U	MANUFACTURED TREATMENT DEVICE, SIZE 6' X 10'	\$ 34,258.16	\$ 34,258.16
95	2 U	MANUFACTURED TREATMENT DEVICE, SIZE 7' X 13'	\$ 47,356.93	\$ 94,713.86
96	2 U	MANUFACTURED TREATMENT DEVICE, SIZE 10' X 6'	\$ 28,156.30	\$ 56,312.60
97	319 SY	RIPRAP STONE CHANNEL PROTECTION, 18" THICK (D50=9")	\$ 55.73	\$ 17,777.87
98	1,090 SY	CONCRETE SIDEWALK, 4" THICK	\$ 62.44	\$ 68,059.60
99	57 SY	CONCRETE SIDEWALK, REINFORCED, 6" THICK	\$ 96.86	\$ 5,521.02
100	182 SY	HOT MIX ASPHALT DRIVEWAY, 4" THICK	\$ 57.50	\$ 10,465.00
101	47 SY	HOT MIX ASPHALT DRIVEWAY, 6" THICK	\$ 68.15	\$ 3,203.05
102	311 SY	STONE OR GRAVEL DRIVEWAY, 4" THICK	\$ 17.45	\$ 5,426.95
103	2,621 LF	6" X 8" X 20" CONCRETE VERTICAL CURB	\$ 19.35	\$ 50,716.35
104	61 SY	NONVEGETATIVE SURFACE, POROUS HOT MIX ASPHALT, 4" THICK	\$ 106.49	\$ 6,495.89
105	76 LF	BEAM GUIDE RAIL, POWDER COATED	\$ 80.93	\$ 6,150.68
106	22 LF	BEAM GUIDE RAIL, BRIDGE, POWDER COATED	\$ 367.39	\$ 8,082.58
107	2 U	TANGENT GUIDE RAIL TERMINAL, POWDER COATED	\$ 4,685.54	\$ 9,371.08
108	1 U	CONTROLLED RELEASE TERMINAL, POWDER COATED	\$ 2,981.71	\$ 2,981.71
109	1 U	CONTROLLED RELEASE TERMINAL, ANCHORAGE, POWDER COATED	\$ 3,301.18	\$ 3,301.18
110	2 U	APPROACH GUIDE RAIL TRANSITION TL-2, POWDER COATED	\$ 4,685.54	\$ 9,371.08
111	7,985 LF	TRAFFIC STRIPES, 4"	\$ 0.80	\$ 6,388.00
112	72 LF	TRAFFIC MARKINGS LINES, 8"	\$ 1.60	\$ 115.20
113	32 LF	TRAFFIC MARKINGS LINES, 24"	\$ 21.30	\$ 681.60
114	23 U	RPM, BI-DIRECTIONAL, AMBER LENS	\$ 85.19	\$ 1,959.37

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
115	1 U	CRASH CUSHION, COMPRESSIVE BARRIER, TYPE 2, WIDTH NARROW	\$ 25,848.04	\$ 25,848.04
116	18 U	12" X 18" SIGN	\$ 228.95	\$ 4,121.10
117	1 U	24" X 12" SIGN	\$ 69.22	\$ 69.22
118	2 U	18" X 24" SIGN	\$ 212.98	\$ 425.96
119	3 U	24" X 36" SIGN	\$ 271.55	\$ 814.65
120	1 U	30" X 30" SIGN	\$ 282.20	\$ 282.20
121	4 U	WATER SERVICE CONNECTION (IF & WHERE DIRECTED)	\$ 4,624.53	\$ 18,498.12
122	1 U	RELOCATE FIRE HYDRANT	\$ 13,823.42	\$ 13,823.42
123	LUMP SUM	FIRE HYDRANT SERVICE CONNECTION	\$ 4,171.72	\$ 4,171.72
124	1 U	RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING	\$ 1,893.38	\$ 1,893.38
125	7 U	TEMPORARY SUPPORT, UTILITY POLES	\$ 761.84	\$ 5,332.88
126	1 U	RELOCATION OF EXISTING SERVICES	\$ 33,408.33	\$ 33,408.33
127	1,680 LF	2" RIGID METALLIC CONDUIT	\$ 37.27	\$ 62,613.60
128	2 U	JUNCTION BOX FOUNDATION	\$ 3,940.12	\$ 7,880.24
129	1 U	FOUNDATION, TYPE MCF	\$ 2,662.25	\$ 2,662.25
130	1 U	METER CABINET, TYPE L	\$ 6,368.09	\$ 6,368.09
131	6,529 LF	SERVICE WIRE, NO. 8 AWG	\$ 3.73	\$ 24,353.17
132	3,267 LF	GROUND WIRE, NO. 6 AWG	\$ 8.52	\$ 27,834.84
133	20 U	8" X 8" X 8" METAL JUNCTION BOX	\$ 1,277.88	\$ 25,557.60
134	33 U	LIGHTING STANDARD DECORATIVE	\$ 4,153.10	\$ 137,052.30
135	33 U	LUMINAIRE DECORATIVE	\$ 3,327.80	\$ 109,817.40
136	2,107 SY	TOPSOIL SPREADING, 6" THICK	\$ 8.80	\$ 18,541.60
137	496 CY	BORROW TOPSOIL	\$ 37.27	\$ 18,485.92
138	2 U	TOPSOIL TESTING, TEST AND ANALYSIS (IF & WHERE DIRECTED)	\$ 638.94	\$ 1,277.88
139	2,107 SY	FERTILIZING AND SEEDING, TYPE 13	\$ 1.46	\$ 3,076.22
140	783 SY	TOPSOIL STABILIZATION, TYPE 1 MAT	\$ 10.29	\$ 8,057.07
141	2,107 SY	STRAW MULCHING	\$ 2.18	\$ 4,593.26
142	753 SY	WOOD MULCHING	\$ 7.01	\$ 5,278.53
143	152 U	DECIDUOUS SHRUB, 18-24" HIGH, #3 CONTAINER	\$ 85.19	\$ 12,948.88
144	LUMP SUM	PLANT ESTABLISHMENT AND MAINTENANCE PERIOD	\$ 4,792.04	\$ 4,792.04
145	1 MG	WATERING	\$ 1,597.35	\$ 1,597.35

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146	132 U	DECIDUOUS SHRUB, #1 CONTAINER	\$ 90.51	\$ 11,947.32
147	93 U	EVERGREEN SHRUB, #1 CONTAINER	\$ 92.64	\$ 8,615.52

TOTAL LUMP SUM BID ALL ITEMS \$23,885,030.61
(Numeric)

Twenty Three Million Eight Hundred Eighty Five Thousand Thirty Dollars and Sixty One Cents

(Written)

CONTRACTOR: Grade Construction

BY: Ralph Diaco

(Printed)

(Signature)

TITLE: President

DATE: 11/09/2023