

PROPOSAL

to the

**BOARD OF COUNTY COMMISSIONERS
COUNTY OF MONMOUTH, NEW JERSEY**

for the Project Entitled:

**REPLACEMENT OF BRIDGE HL-45 OVER MINGAMAHONE BROOK AND
BRIDGE HL-46 OVER LONG SWAMP BROOK ON COUNTY ROUTE 524 (ALLAIRE
ROAD),
IN THE TOWNSHIP OF HOWELL,
MONMOUTH COUNTY, NEW JERSEY**

F-95-2021

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 2007 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, or a Corporation under the laws of the State of NEW JERSEY, having principal offices at

CONTRACTOR: CMS CONSTRUCTION INC.
ADDRESS: 521 NORTH AVE. PLAINFIELD, NJ 07060
TELEPHONE: 908-668-4368 FAX: 973-718-4005
BY: CARLOS DASILVA (Printed)
[Signature] (Signed)
TITLE: PRESIDENT
DATE: 10/20/2021

SCHEDULE OF QUANTITIES & PRICES

Project Entitled:

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<u>ITEM NO.</u>	<u>ESTIMATED QUANTITY</u>	<u>ITEM</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
1.	40000 DOLL	PERFORMANCE BOND AND PAYMENT BOND	\$ 40,000	\$ 40,000
2.	1 LS	POLLUTION LIABILITY INSURANCE	\$ 2.00	\$ 2.00
3.	1 LS	PROGRESS SCHEDULE	\$ 8,500.00	\$ 8,500.00
4.	1 UN	PROGRESS SCHEDULE UPDATE	\$ 1,500.00	\$ 1,500.00
5.	1 LS	MOBILIZATION	\$ 120,000.00	\$ 120,000.00
6.	6500 DOLL	CONSTRUCTION LAYOUT	\$ 6,500	\$ 6,500
7.	1485 LF	HEAVY DUTY SILT FENCE, ORANGE	\$ 5.00	\$ 7,425.00
8.	80 SF	INLET FILTER TYPE 1	\$ 250.00	\$ 20,000.00
9.	270 LF	FLOATING TURBIDITY BARRIER, TYPE 2	\$ 50.00	\$ 13,500.00
10.	1 UN	DEWATERING BASIN	\$ 35,000.00	\$ 35,000.00
11.	50 SF	SEDIMENT CONTROL BAG	\$ 250.00	\$ 12,500.00
12.	1 LS	CONCRETE WASHOUT SYSTEM	\$ 10,000.00	\$ 10,000.00
13.	1 UN	OIL ONLY EMERGENCY SPILL KIT, TYPE 1	\$ 500.00	\$ 500.00
14.	250 CY	EROSION CONTROL SEDIMENT REMOVAL	\$ 75.00	\$ 18,750.00
15.	30 UN	BREAKAWAY BARRICADE	\$ 150.00	\$ 4,500.00
16.	148 UN	DRUM	\$ 150.00	\$ 22,200.00
17.	200 UN	TRAFFIC CONE	\$ 25.00	\$ 5,000.00
18.	700 SF	CONSTRUCTION SIGNS	\$ 35.00	\$ 24,500.00
19.	1420 LF	CONSTRUCTION BARRIER CURB	\$ 50.00	\$ 71,000.00
20.	2 UN	PORTABLE VARIABLE MESSAGE SIGN	\$ 6,000.00	\$ 12,000.00

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<u>ITEM NO.</u>	<u>ESTIMATED QUANTITY</u>	<u>ITEM</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
21.	4 UN	TEMPORARY CRASH CUSHION, INERTIAL BARRIER SYSTEM, 10 MODULES	\$6,000.00	\$24,000.00
22.	1 UN	TRAFFIC CONTROL TRUCK WITH MOUNTED CRASH CUSHION	\$8,000.00	\$8,000.00
23.	300 UN	TEMPORARY PAVEMENT MARKERS	\$150.00	\$45,000.00
24.	406 HR	TRAFFIC DIRECTOR, FLAGGER	\$76.73	\$31,152.38
25.	27500 LF	TRAFFIC STRIPES, LATEX, 4"	\$0.60	\$16,500.00
26.	40 LF	TRAFFIC MARKING LINES, LATEX, 24"	\$3.00	\$120.00
27.	1 UN	TEMPORARY TANGENT GUIDERAIL TERMINAL	\$6,500.00	\$6,500.00
28.	2 UN	MONMOUTH COUNTY PROJECT SIGN, 6'X4'	\$3,000.00	\$6,000.00
29.	50750 DOLL	UNIFORM POLICE OFFICERS ALLOWANCE	\$50,750	\$50,750
30.	5000 DOLL	FUEL PRICE ADJUSTMENT	\$5,000	\$5,000
31.	75000 DOLL	ASPHALT PRICE ADJUSTMENT	\$7,500	\$7,500
32.	1 LS	CLEARING SITE	\$40,000.00	\$40,000.00
33.	30 CY	EXCAVATION, TEST PIT	\$150.00	\$4,500.00
34.	2970 CY	EXCAVATION, UNCLASSIFIED	\$45.00	\$133,650.00
35.	300 CY	EXCAVATION, REGULATED MATERIAL (IF & WHERE DIRECTED)	\$15.00	\$4,500.00
36.	4500 SY	REMOVAL OF PAVEMENT	\$12.00	\$54,000.00
37.	445 TON	DISPOSAL OF REGULATED MATERIAL (IF & WHERE DIRECTED)	\$65.00	\$28,925.00
38.	220 CY	I-14 SOIL AGGREGATE	\$55.00	\$12,100.00
39.	912.228 CY	DENSE-GRADED AGGREGATE BASE COURSE, 6" THICK	\$55.00	\$50,172.54
40.	2911 SY	HMA MILLING, 3" OR LESS	\$8.00	\$23,288.00

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41.	2200 SY	HMA MILLING, MORE THAN 3" TO 6"	\$ 10.00	\$ 22,000.00
42.	2643 LF	POLYMERIZED JOINT ADHESIVE	\$ 5.00	\$ 13,215.00
43.	1068 GAL	TACK COAT	\$ 12.00	\$ 12,816.00
44.	1359 TON	HOT MIX ASPHALT 9.5 M 64 SURFACE COURSE	\$ 140.00	\$ 190,260.00
45.	1961 TON	HOT MIX ASPHALT 19 M 64 BASE COURSE	\$ 105.00	\$ 205,905.00
46.	490 LF	15" REINFORCED CONCRETE PIPE	\$ 140.00	\$ 68,600.00
47.	4 UN	INLET, TYPE E	\$ 4,500.00	\$ 18,000.00
48.	278 SY	RIPRAP STONE SLOPE PROTECTION, 18" THICK (D50=6")	\$ 100.00	\$ 27,800.00
49.	88 SY	GROUTED RIPRAP STONE SLOPE PROTECTION, 18" THICK (D50=6")	\$ 180.00	\$ 15,840.00
50.	20 SY	CONCRETE SIDEWALK, REINFORCED, 6" THICK	\$ 120.00	\$ 2,400.00
51.	45 SY	HOT MIX ASPHALT DRIVEWAY, 6" THICK	\$ 65.00	\$ 2,925.00
52.	365 LF	6" X 8" X 20" CONCRETE VERTICAL CURB	\$ 35.00	\$ 12,775.00
53.	630 SY	NONVEGETATIVE SURFACE, HOT MIX ASPHALT	\$ 45.00	\$ 28,350.00
54.	225 LF	BEAM GUIDE RAIL	\$ 65.00	\$ 14,625.00
55.	2 UN	TANGENT GUIDE RAIL TERMINAL	\$ 6,500.00	\$ 13,000.00
56.	3 UN	BEAM GUIDE RAIL ANCHORAGE	\$ 4,500.00	\$ 13,500.00
57.	7 UN	APPROACH GUIDE RAIL TRANSITION TL-3	\$ 6,500.00	\$ 45,500.00
58.	6000 LF	TRAFFIC MARKINGS LINES, 4"	\$ 1.00	\$ 6,000.00
59.	22 UN	RPM, BI-DIRECTIONAL, AMBER LENS	\$ 2.00	\$ 44.00
60.	20968 LF	REMOVAL OF TRAFFIC STRIPES	\$ 1.00	\$ 20,968.00

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61.	1 UN	CRASH CUSHION, COMPRESSIVE BARRIER, TYPE 4, WIDTH NARROW	\$ 32,000.00	\$ 32,000.00
62.	80 SF	REGULATORY AND WARNING SIGN	\$ 45.00	\$ 3,600.00
63.	1 UN	RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING	\$ 950.00	\$ 950.00
64.	540 LF	8" DIAMETER C900 FORCE MAIN PIPE	\$ 180.00	\$ 97,200.00
65.	30 LF	6" DIAMETER C900 FORCE MAIN PIPE	\$ 170.00	\$ 5,100.00
66.	1 LS	BYPASS SYSTEM	\$ 75,000.00	\$ 75,000.00
67.	1 UN	8"X6" WET TAP AND VALVE	\$ 20,000.00	\$ 20,000.00
68.	1 UN	8"X8" WET TAP AND VALVE	\$ 21,000.00	\$ 21,000.00
69.	1 UN	8" INSERTION VALVE	\$ 18,000.00	\$ 18,000.00
70.	170 LF	16" STEEL CASING PIPE	\$ 225.00	\$ 38,250.00
71.	1 LS	END SEALS	\$ 8,500.00	\$ 8,500.00
72.	1 LS	CASING SPACES	\$ 10,000.00	\$ 10,000.00
73.	3 UN	ELECTRICAL PULLBOX	\$ 1,500.00	\$ 4,500.00
74.	1846 LF	ELECTRICAL CONDUIT, PVC, 5" DIA.	\$ 35.00	\$ 64,610.00
75.	234 LF	ELECTRICAL CONDUIT, FIBERGLASS, 5" DIA.	\$ 30.00	\$ 7,020.00
76.	2 UN	TELEPHONE HANDHOLE	\$ 1,500.00	\$ 3,000.00
77.	1650 LF	TELEPHONE CONDUIT, PVC, 4" DIA.	\$ 26.00	\$ 42,900.00
78.	234 LF	TELEPHONE CONDUIT, FIBERGLASS, 4" DIA.	\$ 26.00	\$ 6,084.00
79.	1 UN	TELECOMMUNICATIONS MANHOLE	\$ 61,000.00	\$ 61,000.00
80.	3320 LF	TELECOMMUNICATIONS CONDUIT, PVC, 4" DIA.	\$ 26.00	\$ 86,320.00

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81.	468 LF	TELECOMMUNICATIONS CONDUIT, FIBERGLASS, 4" DIA.	\$ 26.00	\$ 12,168.00
82.	1 LS	TEMPORARY TRAFFIC SIGNAL SYSTEM, LOCATION NO. 1	\$ 8,000.00	\$ 8,000.00
83.	895 SY	TOPSOIL SPREADING, 5" THICK	\$ 6.00	\$ 5,370.00
84.	135 CY	BORROW TOPSOIL	\$ 45.00	\$ 6,075.00
85.	720 SY	FERTILIZING AND SEEDING, TYPE A-3	\$ 4.00	\$ 2,880.00
86.	175 SY	FERTILIZING AND SEEDING, TYPE F	\$ 5.00	\$ 875.00
87.	175 SY	TOPSOIL STABILIZATION, TYPE 1 MAT	\$ 18.00	\$ 3,150.00
88.	720 SY	STRAW MULCHING	\$ 3.00	\$ 2,160.00
89.	1 LS	VIBRATION MOVEMENT MONITORING (BRIDGE HL-45)	\$ 361,000.00	\$ 361,000.00
90.	1 LS	VIBRATION MOVEMENT MONITORING (BRIDGE HL-46)	\$ 361,000.00	\$ 361,000.00
91.	1 LS	CLEARING SITE, BRIDGE HL-45	\$ 150,000.00	\$ 150,000.00
92.	1 LS	CLEARING SITE, BRIDGE HL-46	\$ 80,000.00	\$ 80,000.00
93.	810 CY	I-9 SOIL AGGREGATE	\$ 50.00	\$ 40,500.00
94.	18 CY	SUBBASE	\$ 50.00	\$ 900.00
95.	5000 SF	TEMPORARY SHEETING	\$ 1.00	\$ 5,000.00
96.	38100 SF	PERMANENT SHEETING	\$ 45.00	\$ 1,714,500.00
97.	1 LS	TEMPORARY COFFERDAM (BRIDGE HL-45)	\$ 398,000.00	\$ 398,000.00
98.	1 LS	TEMPORARY COFFERDAM (BRIDGE HL-46)	\$ 285,000.00	\$ 285,000.00
99.	1 LS	PERMANENT COFFERDAM (BRIDGE HL-45)	\$ 390,000.00	\$ 390,000.00
100.	1 LS	PERMANENT COFFERDAM (BRIDGE HL-46)	\$ 350,000.00	\$ 350,000.00

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101.	1 LS	FURNISHING EQUIPMENT FOR DRIVING PILES	\$ 140,000.00	\$ 140,000.00
102.	520 LF	TEST PILE, FURNISHED	\$ 98.00	\$ 50,960.00
103.	520 LF	TEST PILE, DRIVEN	\$ 300.00	\$ 156,000.00
104.	8 EA	DYNAMIC PILE LOAD TEST	\$ 6,000.00	\$ 48,000.00
105.	13320 LF	CAST-IN-PLACE CONCRETE PILE, FURNISHED, 12.75" DIAMETER	\$ 97.00	\$ 1,292,040.00
106.	12880 LF	CAST-IN-PLACE CONCRETE PILE, DRIVEN, 12.75" DIAMETER	\$ 55.00	\$ 708,400.00
107.	96100 LBS	REINFORCEMENT STEEL, GALVANIZED	\$ 3.50	\$ 336,350.00
108.	330 CY	CONCRETE FOOTING	\$ 750.00	\$ 247,500.00
109.	103 CY	CONCRETE WING WALL	\$ 850.00	\$ 87,550.00
110.	160 CY	CONCRETE ABUTMENT WALL	\$ 850.00	\$ 136,000.00
111.	30 SY	EPOXY WATERPROOFING	\$ 35.00	\$ 1,050.00
112.	200 CY	CONCRETE CAP	\$ 950.00	\$ 190,000.00
113.	96 LF	CONCRETE PYLON	\$ 450.00	\$ 43,200.00
114.	430 LF	PRETENSIONED PRESTRESSED CONCRETE BEAM, 36"	\$ 650.00	\$ 279,500.00
115.	48 LF	PRECAST CONCRETE CULVERT	\$ 6,900.00	\$ 331,200.00
116.	14 UN	REINFORCED ELASTOMERIC BEARING ASSEMBLY	\$ 8,500.00	\$ 119,000.00
117.	245 CY	CONCRETE BRIDGE DECK, HPC	\$ 1,250.00	\$ 306,250.00
118.	28 CY	CONCRETE BRIDGE SIDEWALK	\$ 150.00	\$ 4,200.00
119.	120 CY	CONCRETE BRIDGE APPROACH	\$ 650.00	\$ 78,000.00
120.	1200 LF	STEEL 4 BAR BRIDGE RAILING	\$ 395.00	\$ 474,000.00

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121.	2 UN	BRIDGE IDENTIFICATION PLAQUE	\$ 4,500.00	\$ 9,000.00
122.	37 LF	6" HIGH DENSITY POLYETHYLENE PIPE	\$ 50.00	\$ 1,850.00
123.	79 LF	SUBBASE OUTLET DRAIN	\$ 35.00	\$ 2,765.00
124.	291 LF	8" PERFORATED HIGH DENSITY POLYETHYLENE PIPE	\$ 45.00	\$ 13,095.00


TOTAL LUMP SUM BID ALL ITEMS 10,852,079.92 (Numeric)

TEN MILLION EIGHT HUNDRED FIFTY TWO THOUSAND SEVENTY NINE
(Written) DOLLARS, NINETY TWO CENTS

CONTRACTOR: CMS CONSTRUCTION INC.

BY: CARLOS DASILVA

(Printed)



(Signature)

TITLE: PRESIDENT

DATE: 10/20/2021