

PROPOSAL

to the

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

for the

Project Entitled:

**REPLACEMENT OF BRIDGE R-12 ON COUNTY ROUTE 7 (MONROE AVENUE)
OVER WAACKAACK CREEK
IN KEANSBURG BOROUGH AND THE TOWNSHIP OF HAZLET,
MONMOUTH COUNTY, NEW JERSEY**

F-93-2021

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, Limited Liability Company, or a Corporation under the laws of the State of NEW JERSEY, having principal offices at

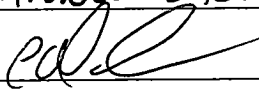
CONTRACTOR: CMS CONSTRUCTION INC.

ADDRESS: 521 NORTH AVE. PLAINFIELD, NJ 07060

TELEPHONE: 908-668-4368 FAX: 973-718-4005

BY: CARLOS DASILVA

(Printed)



(Signed)

TITLE: PRESIDENT

DATE: 10/20/2021

SCHEDULE OF QUANTITIES & PRICES

Project Entitled:

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
1.	Lump Sum	Bar Chart Progress Schedule and Updates	\$ <u>12,500.00</u>	\$ <u>12,500.00</u>
2.	Lump Sum	Mobilization	\$ <u>45,000.00</u>	\$ <u>45,000.00</u>
3.	Lump Sum	Construction Layout	\$ <u>15,000.00</u>	\$ <u>15,000.00</u>
4.	2,135 L.F.	Heavy Duty Silt Fence, Black	\$ <u>6.00</u>	\$ <u>12,810.00</u>
5.	6 Units	Inlet Filter Type 2, 2' x 4'	\$ <u>100.00</u>	\$ <u>600.00</u>
6.	38 L.F.	Floating Turbidity Barrier, Type 2	\$ <u>25.00</u>	\$ <u>950.00</u>
7.	Lump Sum	Concrete Washout System	\$ <u>10,000.00</u>	\$ <u>10,000.00</u>
8.	1 Units	Oil-Only Emergency Spill Kit, Type 1	\$ <u>100.00</u>	\$ <u>100.00</u>
9.	12 Units	Breakaway Barricade	\$ <u>150.00</u>	\$ <u>1,800.00</u>
10.	50 Units	Traffic Cone	\$ <u>25.00</u>	\$ <u>1,250.00</u> - CM
11.	328 S.F.	Construction Signs	\$ <u>25.00</u>	\$ <u>8,200.00</u>
12.	60 L.F.	Construction Barrier Curb	\$ <u>10.00</u>	\$ <u>600.00</u>
13.	2 Units	Construction Identification Sign, 4'x 6'	\$ <u>3,000.00</u>	\$ <u>6,000.00</u>
14.	10,000 Dollar	Uniformed Police Officer Allowance	\$ <u>1.00</u>	\$ <u>10,000.00</u>
15.	1,000 Dollar	Fuel Price Adjustment	\$ <u>1.00</u>	\$ <u>1,000.00</u>

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
16.	1,000 Dollar	Asphalt Price Adjustment	\$ <u>1.00</u>	\$ <u>1,000.00</u>
17.	Lump Sum	Vibration Monitoring	\$ <u>30,000.00</u>	\$ <u>30,000.00</u>
18.	Lump Sum	Clearing Site	\$ <u>15,000.00</u>	\$ <u>15,000.00</u>
19.	4 Units	Excavation, Test Pit	\$ <u>2,500.00</u>	\$ <u>10,000.00</u>
20.	1,979 C.Y.	Excavation, Unclassified	\$ <u>45.00</u>	\$ <u>89,055.00</u>
21.	25,000 Dollar	Disposal of Regulated Materials and Acid Producing Soils Allowance	\$ <u>1.00</u>	\$ <u>25,000.00</u>
22.	5,000 Dollar	Material Sampling and Analyses, Regulated, Allowance	\$ <u>1.00</u>	\$ <u>5,000.00</u>
23.	734 C.Y.	I-9 Soil Aggregate	\$ <u>55.00</u>	\$ <u>40,370.00</u>
24.	50 C.Y.	Controlled Low Strength Material	\$ <u>65.00</u>	\$ <u>3,250.00</u>
25.	2,563 S.Y.	Dense-Graded Aggregate Base Course, 6" Thick	\$ <u>12.00</u>	\$ <u>30,756.00</u>
26.	1,522 C.Y.	Coarse Aggregate Layer	\$ <u>45.00</u>	\$ <u>68,490.00</u>
27.	1,463 S.Y.	HMA Milling, 3" or Less	\$ <u>12.00</u>	\$ <u>17,556.00</u>
28.	418 Gal	Tack Coat	\$ <u>12.00</u>	\$ <u>5,016.00</u>
29.	588 Tons	Hot Mix Asphalt 9.5 M 64 Surface Course	\$ <u>170.00</u>	\$ <u>99,960.00</u>
30.	974 Tons	Hot Mix Asphalt 19 M 64 Base Course	\$ <u>160.00</u>	\$ <u>155,840.00</u>

CMV

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
31.	240 S.F.	Retaining Wall, Cast-in-Place, Location No. 1	\$ <u>250.00</u>	\$ <u>60,000.00</u>
32.	104 L.F.	18" Reinforced Concrete Pipe	\$ <u>160.00</u>	\$ <u>16,640.00</u>
33.	54 L.F.	30" Reinforced Concrete Pipe	\$ <u>180.00</u>	\$ <u>9,720.00</u>
34.	2 Units	Inlet, Type B	\$ <u>4,500.00</u>	\$ <u>9,000.00</u>
35.	1 Unit	Inlet, Type Double B	\$ <u>6,000.00</u>	\$ <u>6,000.00</u>
36.	1 Unit	Inlet, Type E	\$ <u>4,500.00</u>	\$ <u>4,500.00</u>
37.	2 Units	Manhole, 5' Diameter	\$ <u>7,000.00</u>	\$ <u>14,000.00</u>
38.	1 Unit	Reconstructed Inlet, Type B, Using New Casing	\$ <u>1,800.00</u>	\$ <u>1,800.00</u>
39.	212 S.Y.	Riprap Stone Slope Protection, 12" Thick (D50 = 6")	\$ <u>75.00</u>	\$ <u>15,900.00</u>
40.	21 S.Y.	Outfall Scour Hole	\$ <u>120.00</u>	\$ <u>2,520.00</u>
41.	210 L.F.	Temporary Chain-Link Fence, 6' High	\$ <u>25.00</u>	\$ <u>5,250.00</u>
42.	18 S.Y.	Concrete Sidewalk Reinforced, 6" Thick	\$ <u>120.00</u>	\$ <u>2,160.00</u>
43.	253 S.Y.	Hot Mix Asphalt Driveway, 6" Thick	\$ <u>55.00</u>	\$ <u>13,915.00</u>
44.	372 L.F.	6" x 8" x 20" Concrete Vertical Curb	\$ <u>35.00</u>	\$ <u>13,020.00</u>
45.	373 S.Y.	Nonvegetative Surface, Hot Mix Asphalt, 4" Thick	\$ <u>55.00</u>	\$ <u>20,515.00</u>

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
46.	1,350 L.F.	Beam Guide Rail, Powder Coated	\$ <u>75.00</u>	\$ <u>101,250.00</u>
47.	2 Units	Tangent Guide Rail Terminal, Powder Coated	\$ <u>6,500.00</u>	\$ <u>13,000.00</u>
48.	2 Units	Approach Guide Rail Transition TL-2, Powder Coated	\$ <u>6,500.00</u>	\$ <u>13,000.00</u>
49.	3,442 L.F.	Traffic Stripes, 4"	\$ <u>1.50</u>	\$ <u>5,163.00</u>
50.	12 L.F.	Traffic Markings Lines, 24"	\$ <u>12.00</u>	\$ <u>144.00</u>
51.	2 Units	Crash Cushion, Compressive Barrier, Type 2, Width Narrow	\$ <u>24,000.00</u>	\$ <u>48,000.00</u>
52.	10 S.F.	24" x 30" Sign	\$ <u>55.00</u>	\$ <u>550.00</u>
53.	12 S.F.	30" x 30" Sign	\$ <u>55.00</u>	\$ <u>660.00</u>
54.	777 S.Y.	Topsoil Spreading, 6" Thick	\$ <u>6.00</u>	\$ <u>4,662.00</u>
55.	92 C.Y.	Borrow Topsoil	\$ <u>55.00</u>	\$ <u>5,060.00</u>
56.	777 S.Y.	Fertilizing and Seeding, Type 13	\$ <u>4.00</u>	\$ <u>3,108.00</u>
57.	95 S.Y.	Topsoil Stabilization, Type 1 Mat	\$ <u>25.00</u>	\$ <u>2,375.00</u>
58.	777 S.Y.	Straw Mulching	\$ <u>2.00</u>	\$ <u>1,554.00</u>
59.	Lump Sum	Clearing Site, Bridge R-12	\$ <u>65,000.00</u>	\$ <u>65,000.00</u>
60.	2,547 S.F.	Permanent Sheeting	\$ <u>45.00</u>	\$ <u>114,615.00</u>

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
61.	Lump Sum	Temporary Cofferdam	\$ <u>300,300.00</u>	\$ <u>300,300.00</u>
62.	Lump Sum	Permanent Cofferdam	\$ <u>371,800.00</u>	\$ <u>371,800.00</u>
63.	Lump Sum	Furnishing Equipment for Driving Piles	\$ <u>80,000.00</u>	\$ <u>80,000.00</u>
64.	236 L.F.	Test Pile, Furnished	\$ <u>165.00</u>	\$ <u>38,940.00</u>
65.	236 L.F.	Test Pile, Driven	\$ <u>158.00</u>	\$ <u>37,288.00</u>
66.	4 Units	Dynamic Pile Load Test	\$ <u>3,500.60</u> cms	\$ <u>14,000.00</u>
67.	4,312 L.F.	Cast-in-Place Concrete Pile, Furnished, 14" Diameter	\$ <u>160.00</u>	\$ <u>689,920.00</u>
68.	4,312 L.F.	Cast-in-Place Concrete Pile, Driven, 14" Diameter	\$ <u>55.00</u>	\$ <u>237,160.00</u>
69.	29,079 LB	Reinforcement Steel, Galvanized	\$ <u>3.50</u>	\$ <u>101,776.50</u>
70.	176 C.Y.	Concrete Footing	\$ <u>750.00</u>	\$ <u>132,000.00</u>
71.	52 C.Y.	Concrete Wingwall	\$ <u>850.00</u>	\$ <u>44,200.00</u>
72.	100 C.Y.	Concrete Abutment Wall	\$ <u>850.00</u>	\$ <u>85,000.00</u>
73.	50 L.F.	Concrete Pylon	\$ <u>450.00</u>	\$ <u>22,500.00</u>
74.	445 L.F.	Prestressed Concrete Box Beam, (Type BI-36), 36" x 27"	\$ <u>380.00</u>	\$ <u>169,100.00</u>
75.	254 L.F.	Prestressed Concrete Box Beam, (Type BI-48), 48" x 27"	\$ <u>620.00</u>	\$ <u>157,480.00</u>

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
76.	22 Units	Reinforced Elastomeric Bearing Assembly	\$ <u>3,500.00</u>	\$ <u>77,000.00</u>
77.	77 L.F.	Preformed Elastomeric Joint Assembly, 4" By 4"	\$ <u>370.00</u>	\$ <u>28,490.00</u>
78.	67 C.Y.	Concrete Bridge Deck	\$ <u>1,100.00</u>	\$ <u>73,700.00</u>
79.	10 C.Y.	Concrete Bridge Sidewalk	\$ <u>120.00</u>	\$ <u>1,200.00</u>
80.	162 L.F.	Steel 4 Bar Bridge Railing	\$ <u>420.00</u>	\$ <u>68,040.00</u>
81.	1 Unit	Bridge Identification Plaque	\$ <u>4,500.00</u>	\$ <u>4,500.00</u>

TOTAL LUMP SUM BID ALL ITEMS 4,035,578.50
(Numeric)

FOUR MILLION THIRTY FIVE THOUSAND FIVE HUNDRED SEVENTY EIGHT DOLLARS FIFTY CENTS
(Written)

CONTRACTOR: CMS CONSTRUCTION INC.

BY: CARLOS DASILVA
(Printed)

[Signature]
(Signature)

TITLE: PRESIDENT

DATE: 10/20/2021