

PROPOSAL

to the

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

for the

Project Entitled:

**REPLACEMENT OF BRIDGE MT-19 ON CHAPEL HILL ROAD AND
BRIDGE MT-18 ON WHIPPORWILL VALLEY ROAD
OVER MCCLEES CREEK
THE TOWNSHIP OF MIDDLETOWN,
MONMOUTH COUNTY, NEW JERSEY**

F-63-2024

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 Avenue, Paterson, NJ 07503

TELEPHONE: 973-925-4021 FAX: _____

BY: Ralph Diaco _____ (Printed)

TITLE: President _____ (Signed)

DATE: 06/14/24

SCHEDULE OF QUANTITIES & PRICES

Project Entitled:

**REPLACEMENT OF BRIDGE MT-18 ON WHIPPORWILL VALLEY ROAD AND
BRIDGE MT-19 ON CHAPEL HILL ROAD
OVER MCCLEES CREEK
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MONMOUTH COUNTY, NEW JERSEY**

ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
1.	Lump Sum	Bar Chart Progress Schedule and Updates	\$ <u>50.00</u>	\$ <u>50.00</u>
2.	Lump Sum	Mobilization	\$ <u>98,889.91</u>	\$ <u>98,889.91</u>
3.	3 Units	Monument	\$ <u>2,302.06</u>	\$ <u>6,906.18</u>
4.	915 L.F.	Silt Fence	\$ <u>3.23</u>	\$ <u>2,955.45</u>
5.	1 Units	Inlet Filter Type 2, 2' x 4'	\$ <u>129.95</u>	\$ <u>129.95</u>
6.	16 L.F.	Floating Turbidity Barrier, Type 1	\$ <u>36.78</u>	\$ <u>588.48</u>
7.	Lump Sum	Concrete Washout System	\$ <u>851.07</u>	\$ <u>851.07</u>
8.	2 Units	Oil Only Emergency Spill Kit, Type 1	\$ <u>292.11</u>	\$ <u>584.22</u>
9.	10 Units	Breakaway Barricade	\$ <u>24.76</u>	\$ <u>247.60</u>
10.	15 Units	Drum	\$ <u>3.58</u>	\$ <u>53.70</u>
11.	15 Units	Traffic Cone	\$ <u>15.17</u>	\$ <u>227.55</u>
12.	242 S.F.	Construction Signs	\$ <u>34.17</u>	\$ <u>8,269.14</u>
13.	40 L.F.	Construction Barrier Curb	\$ <u>59.03</u>	\$ <u>2,361.20</u>
14.	2 Units	Portable Variable Message Sign	\$ <u>371.46</u>	\$ <u>742.92</u>
15.	2 Units	Construction Identification Sign, 6' x 4'	\$ <u>1,619.02</u>	\$ <u>3,238.04</u>

SCHEDULE OF QUANTITIES & PRICES

Project Entitled:

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
16.	10,000 Dollar	Uniformed Police Officers Allowance	\$ <u>1.00</u>	\$ <u>10,000.00</u>
17.	1,000 Dollar	Fuel Price Adjustment	\$ <u>1.00</u>	\$ <u>1,000.00</u>
18.	1,000 Dollar	Asphalt Price Adjustment	\$ <u>1.00</u>	\$ <u>1,000.00</u>
19.	Lump Sum	Vibration Monitoring	\$ <u>8,183.38</u>	\$ <u>8,183.38</u>
20.	Lump Sum	Clearing Site	\$ <u>26,199.21</u>	\$ <u>26,199.21</u>
21.	840 C.Y.	Excavation, Unclassified	\$ <u>14.37</u>	\$ <u>12,070.80</u>
22.	20,000 Dollar	Disposal of Regulated Materials and Acid Producing Soils, Allowance	\$ <u>1.00</u>	\$ <u>20,000.00</u>
23.	2,000 Dollar	Material Sampling and Analyses, Regulated, Allowance	\$ <u>1.00</u>	\$ <u>2,000.00</u>
24.	205 C.Y.	I-9 Soil Aggregate	\$ <u>126.31</u>	\$ <u>25,893.55</u>
25.	50 C.Y.	Controlled Low Strength Material	\$ <u>1.09</u>	\$ <u>54.50</u>
26.	1,030 S.Y.	Dense-Graded Aggregate Base Course, 8" Thick	\$ <u>18.92</u>	\$ <u>19,487.60</u>
27.	1,140 S.Y.	Surface Gravel, 4" Thick	\$ <u>9.41</u>	\$ <u>10,727.40</u>
28.	60 L.F.	Reset Fence	\$ <u>32.24</u>	\$ <u>1,934.40</u>
29.	14 S.Y.	Hot Mix Asphalt Driveway, 4" Thick	\$ <u>129.21</u>	\$ <u>1,808.94</u>
30.	141 L.F.	6" x 8" x 20" Concrete Vertical Curb	\$ <u>53.50</u>	\$ <u>7,543.50</u>

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
31.	126 L.F.	Beam Guide Rail, Powder Coated	\$ <u>68.91</u>	\$ <u>8,682.66</u>
32.	4 Units	Tangent Guide Rail Terminal, 25' Section, Powder Coated	\$ <u>4,737.74</u>	\$ <u>18,950.96</u>
33.	4 Units	Approach Guide Rail Transition TL-2, Powder Coated	\$ <u>4,414.72</u>	\$ <u>17,658.88</u>
34.	2 Units	30" x 30" Sign	\$ <u>193.82</u>	\$ <u>387.64</u>
35.	5 Units	18" x 24" Sign	\$ <u>193.82</u>	\$ <u>969.10</u>
36.	262 S.Y.	Topsoil Spreading, 5" Thick	\$ <u>9.23</u>	\$ <u>2,418.26</u>
37.	6 C.Y.	Borrow Topsoil	\$ <u>245.50</u>	\$ <u>1,473.00</u>
38.	262 S.Y.	Fertilizing and Seeding, Type 13	\$ <u>9.69</u>	\$ <u>2,538.78</u>
39.	110 S.Y.	Topsoil Stabilization, Type 1 Mat	\$ <u>35.57</u>	\$ <u>3,912.70</u>
40.	262 S.Y.	Straw Mulching	\$ <u>3.45</u>	\$ <u>903.90</u>
41.	Lump Sum	Clearing Site, Bridge MT-18	\$ <u>29,104.92</u>	\$ <u>29,104.92</u>
42.	18 C.Y.	Coarse Aggregate, Size No. 57	\$ <u>106.29</u>	\$ <u>1,913.22</u>
43.	Lump Sum	Temporary Cofferdam	\$ <u>105,283.56</u>	\$ <u>105,283.56</u>
44.	Lump Sum	Permanent Cofferdam	\$ <u>118,443.59</u>	\$ <u>118,443.59</u>
45.	16 C.Y.	Concrete Footing	\$ <u>1,070.70</u>	\$ <u>17,131.20</u>

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
46.	2 C.Y.	Concrete Wingwall	\$ <u>1,255.87</u>	\$ <u>2,511.74</u>
47.	79 S.Y.	Membrane Waterproofing	\$ <u>21.87</u>	\$ <u>1,727.73</u>
48.	1423 S.F.	Stone Veneer	\$ <u>59.65</u>	\$ <u>84,881.95</u>
49.	Lump Sum	Precast Concrete Arch Structure	\$ <u>197,140.39</u>	\$ <u>197,140.39</u>
50.	1 Units	Bridge Identification Plaque, 22" x 22"	\$ <u>2,073.87</u>	\$ <u>2,073.87</u>
51.	Lump Sum	Bar Chart Progress Schedule and Updates	\$ <u>50.00</u>	\$ <u>50.00</u>
52.	Lump Sum	Mobilization	\$ <u>79,706.63</u>	\$ <u>79,706.63</u>
53.	3 Units	Monument	\$ <u>2,302.06</u>	\$ <u>6,906.18</u>
54.	1,808 L.F.	Silt Fence	\$ <u>1.33</u>	\$ <u>2,404.64</u>
55.	12 Units	Inlet Filter Type 2, 4' x 4'	\$ <u>129.95</u>	\$ <u>1,559.40</u>
56.	21 L.F.	Floating Turbidity Barrier, Type 1	\$ <u>36.99</u>	\$ <u>776.79</u>
57.	Lump Sum	Concrete Washout System	\$ <u>851.07</u>	\$ <u>851.07</u>
58.	2 Units	Oil Only Emergency Spill Kit, Type 1	\$ <u>292.11</u>	\$ <u>584.22</u>
59.	16 Units	Breakaway Barricade	\$ <u>6.01</u>	\$ <u>96.16</u>
60.	25 Units	Drum	\$ <u>3.58</u>	\$ <u>89.50</u>

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
61.	50 Units	Traffic Cone	\$ <u>1.17</u>	\$ <u>58.50</u>
62.	260 S.F.	Construction Signs	\$ <u>32.28</u>	\$ <u>8,392.80</u>
63.	60 L.F.	Construction Barrier Curb	\$ <u>56.88</u>	\$ <u>3,412.80</u>
64.	2 Units	Portable Variable Message Sign	\$ <u>93.80</u>	\$ <u>187.60</u>
65.	2 Units	Construction Identification Sign, 6' x 4'	\$ <u>1,619.02</u>	\$ <u>3,238.04</u>
66.	10,000 Dollar	Uniformed Police Officers Allowance	\$ <u>1.00</u>	\$ <u>10,000.00</u>
67.	1,000 Dollar	Fuel Price Adjustment	\$ <u>1.00</u>	\$ <u>1,000.00</u>
68.	1,000 Dollar	Asphalt Price Adjustment	\$ <u>1.00</u>	\$ <u>1,000.00</u>
69.	Lump Sum	Vibration Monitoring	\$ <u>10,907.58</u>	\$ <u>10,907.58</u>
70.	Lump Sum	Clearing Site	\$ <u>45,160.33</u>	\$ <u>45,160.33</u>
71.	8 Units	Excavation, Test Pit	\$ <u>525.11</u>	\$ <u>4,200.88</u>
72.	1,784 C.Y.	Excavation, Unclassified	\$ <u>13.20</u>	\$ <u>23,548.80</u>
73.	20,000 Dollar	Disposal of Regulated Materials and Acid Producing Soils, Allowance	\$ <u>1.00</u>	\$ <u>20,000.00</u>
74.	2,000 Dollar	Materials Sampling and Analyses, Regulated, Allowance	\$ <u>1.00</u>	\$ <u>2,000.00</u>
75.	160 C.Y.	I-9 Soil Aggregate	\$ <u>109.46</u>	\$ <u>17,513.60</u>

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
76.	50 C.Y.	Controlled Low Strength Material	\$ <u>1.09</u>	\$ <u>54.50</u>
77.	2,051 S.Y.	Dense-Graded Aggregate Base Course, 6" Thick	\$ <u>13.66</u>	\$ <u>28,016.66</u>
78.	212 S.Y.	Dense-Graded Aggregate Base Course, 8" Thick	\$ <u>21.25</u>	\$ <u>4,505.00</u>
79.	212 S.Y.	Surface Gravel, 4" Thick	\$ <u>13.19</u>	\$ <u>2,796.28</u>
80.	868 S.Y.	HMA Milling, 3" or Less	\$ <u>16.69</u>	\$ <u>14,486.92</u>
81.	294 Gallons	Tack Coat	\$ <u>4.31</u>	\$ <u>1,267.14</u>
82.	405 Tons	Hot Mix Asphalt 9.5 M 64 Surface Course	\$ <u>141.06</u>	\$ <u>57,129.30</u>
83.	740 Tons	Hot Mix Asphalt 19 M 64 Base Course	\$ <u>124.37</u>	\$ <u>92,033.80</u>
84.	282 L.F.	18" Reinforced Concrete Pipe	\$ <u>76.97</u>	\$ <u>21,705.54</u>
85.	156 L.F.	30" Reinforced Concrete Pipe	\$ <u>113.26</u>	\$ <u>17,668.56</u>
86.	2 Units	Inlet, Type B	\$ <u>4,157.24</u>	\$ <u>8,314.48</u>
87.	4 Units	Inlet, Type Double B	\$ <u>6,595.19</u>	\$ <u>26,380.76</u>
88.	1 Units	Inlet, Type Double E	\$ <u>4,998.19</u>	\$ <u>4,998.19</u>
89.	1 Units	Manhole, 4' Diameter	\$ <u>4,876.25</u>	\$ <u>4,876.25</u>
90.	100 L.F.	Temporary Chain Link Fence, 6' High	\$ <u>26.92</u>	\$ <u>2,692.00</u>

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
91.	546 L.F.	Reset Fence	\$ <u>25.68</u>	\$ <u>14,021.28</u>
92.	33 S.Y.	Reset Stone Pavers	\$ <u>106.23</u>	\$ <u>3,505.59</u>
93.	20 L.F.	Reset Stone Retaining Wall	\$ <u>106.17</u>	\$ <u>2,123.40</u>
94.	29 S.Y.	Hot Mix Asphalt Driveway, 4" Thick	\$ <u>129.21</u>	\$ <u>3,747.09</u>
95.	1,345 L.F.	6" x 8" x 20" Concrete Vertical Curb	\$ <u>18.17</u>	\$ <u>24,438.65</u>
96.	32 S.Y.	Non-Vegetative Surface, Porous Hot Mix Asphalt, 4" Thick	\$ <u>65.68</u>	\$ <u>2,101.76</u>
97.	106 L.F.	Beam Guide Rail, Powder Coated	\$ <u>68.91</u>	\$ <u>7,304.46</u>
98.	2 Units	Tangent Guide Rail Terminal, 25' Section, Powder Coated	\$ <u>4,737.74</u>	\$ <u>9,475.48</u>
99.	2 Units	Beam Guide Rail Anchorage, Powder Coated	\$ <u>2,691.90</u>	\$ <u>5,383.80</u>
100.	4 Units	Approach Guide Rail Transition TL-2, Powder Coated	\$ <u>4,414.72</u>	\$ <u>17,658.88</u>
101.	3,251 L.F.	Traffic Stripes, 4"	\$ <u>1.13</u>	\$ <u>3,673.63</u>
102.	16 L.F.	Traffic Marking Lines, 24"	\$ <u>6.78</u>	\$ <u>108.48</u>
103.	1 Units	30" x 30" Sign	\$ <u>387.63</u>	\$ <u>387.63</u>
104.	512 S.Y.	Topsoil Spreading, 5" Thick	\$ <u>7.08</u>	\$ <u>3,624.96</u>
105.	73 C.Y.	Borrow Topsoil	\$ <u>37.69</u>	\$ <u>2,751.37</u>

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
106.	512 S.Y.	Fertilizing and Seeding, Type 13	\$ <u>9.70</u>	\$ <u>4,966.40</u>
107.	69 S.Y.	Topsoil Stabilization, Type 1 Mat	\$ <u>9.12</u>	\$ <u>629.28</u>
108.	512 S.Y.	Straw Mulching	\$ <u>1.11</u>	\$ <u>568.32</u>
109.	Lump Sum	Clearing Site, Bridge MT-19	\$ <u>65,716.47</u>	\$ <u>65,716.47</u>
110.	77 C.Y.	Coarse Aggregate, Size No. 57	\$ <u>99.24</u>	\$ <u>7,641.48</u>
111.	Lump Sum	Temporary Cofferdam	\$ <u>326,766.99</u>	\$ <u>326,766.99</u>
112.	Lump Sum	Permanent Cofferdam	\$ <u>100,211.19</u>	\$ <u>100,211.19</u>
113.	4,100 LBS	Reinforcement Steel, Galvanized	\$ <u>2.46</u>	\$ <u>10,086.00</u>
114.	5 C.Y.	Concrete Wingwall	\$ <u>1,648.92</u>	\$ <u>8,244.60</u>
115.	92 S.Y.	Membrane Waterproofing	\$ <u>24.60</u>	\$ <u>2,263.20</u>
116.	1,636 S.F.	Stone Veneer	\$ <u>50.82</u>	\$ <u>83,141.52</u>
117.	41 L.F.	Precast Concrete Culvert	\$ <u>4,729.12</u>	\$ <u>193,893.92</u>
118.	64 L.F.	Precast Concrete Wingwall, (L-Shaped)	\$ <u>2,029.77</u>	\$ <u>129,905.28</u>
119.	89 L.F.	Concrete Bridge Parapet	\$ <u>373.66</u>	\$ <u>33,255.74</u>

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ITEM NO.	ESTIMATED QUANTITIES	ITEM	UNIT PRICE	AMOUNT
120.	1 Units	Bridge Identification Plaque, 22" x 22"	\$ <u>2,091.71</u>	\$ <u>2,091.71</u>
121.	156 L.F.	4" PVC Underdrain Pipe	\$ <u>40.21</u>	\$ <u>6,272.76</u>

TOTAL LUMP SUM BID ALL ITEMS \$2,498,638.96
(Numeric)

Two Million Four Hundred Ninety Eight Thousand Six Hundred Thirty Eight Dollars and Ninety Six Cents
(Written)

CONTRACTOR: Grade Construction

BY: Ralph Diaco

(Printed)

(Signature)

TITLE: President

DATE: 06/14/24