

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: Green Construction, Inc.

ADDRESS: 26 Elizabeth St., PO Box 550 South River, NJ 08882

TELEPHONE: 732-238-9370 FAX: 732-613-0838

BY: Jose A. Abreu

 (Printed)

TITLE: President (Signed)

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 | \$ 40,000.00 | \$ 40,000.00 |
| 3. | 1 LS | PROGRESS SCHEDULE | \$ 7,500.00 | \$ 7,500.00 |
| 4. | 1 UN | PROGRESS SCHEDULE UPDATE | \$ 850.00 | \$ 850.00 |
| 5. | 1 LS | MOBILIZATION | \$ 2,146,926.44 | \$ 2,146,926.44 |
| 6. | 6500 DOLL | CONSTRUCTION LAYOUT | \$ 6,500 | \$ 6,500 |
| 7. | 1485 LF | HEAVY DUTY SILT FENCE, ORANGE | \$ 6.00 | \$ 8,910.00 |
| 8. | 80 SF | INLET FILTER TYPE 1 | \$ 15.00 | \$ 1,200.00 |
| 9. | 270 LF | FLOATING TURBIDITY BARRIER, TYPE 2 | \$ 40.00 | \$ 10,800.00 |
| 10. | 1 UN | DEWATERING BASIN | \$ 0.01 | \$ 0.01 |
| 11. | 50 SF | SEDIMENT CONTROL BAG | \$ 17.46 | \$ 873.00 |
| 12. | 1 LS | CONCRETE WASHOUT SYSTEM | \$ 5,000.00 | \$ 5,000.00 |
| 13. | 1 UN | OIL ONLY EMERGENCY SPILL KIT, TYPE 1 | \$ 1,396.71 | \$ 1,396.71 |
| 14. | 250 CY | EROSION CONTROL SEDIMENT REMOVAL | \$ 0.01 | \$ 2.50 |
| 15. | 30 UN | BREAKAWAY BARRICADE | \$ 0.01 | \$ 0.30 |
| 16. | 148 UN | DRUM | \$ 0.01 | \$ 1.48 |
| 17. | 200 UN | TRAFFIC CONE | \$ 0.01 | \$ 2.00 |
| 18. | 700 SF | CONSTRUCTION SIGNS | \$ 13.00 | \$ 9,100.00 |
| 19. | 1420 LF | CONSTRUCTION BARRIER CURB | \$ 30.00 | \$ 42,600.00 |
| 20. | 2 UN | PORTABLE VARIABLE MESSAGE SIGN | \$ 8,500.00 | \$ 17,000.00 |

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| ITEM NO. | ESTIMATED QUANTITY | ITEM | UNIT PRICE | AMOUNT |
|-----------------|---------------------------|--------------------------------------------------------------|-------------------|---------------|
| 21. | 4 UN | TEMPORARY CRASH CUSHION, INERTIAL BARRIER SYSTEM, 10 MODULES | \$ 12,500.00 | \$ 50,000.00 |
| 22. | 1 UN | TRAFFIC CONTROL TRUCK WITH MOUNTED CRASH CUSHION | \$ 8,500.00 | \$ 8,500.00 |
| 23. | 300 UN | TEMPORARY PAVEMENT MARKERS | \$ 1.00 | \$ 300.00 |
| 24. | 406 HR | TRAFFIC DIRECTOR, FLAGGER | \$ 76.73 | \$ 31,152.38 |
| 25. | 27500 LF | TRAFFIC STRIPES, LATEX, 4" | \$ 0.24 | \$ 6,600.00 |
| 26. | 40 LF | TRAFFIC MARKING LINES, LATEX, 24" | \$ 3.00 | \$ 120.00 |
| 27. | 1 UN | TEMPORARY TANGENT GUIDERAIL TERMINAL | \$ 5,295.00 | \$ 5,295.00 |
| 28. | 2 UN | MONMOUTH COUNTY PROJECT SIGN, 6'X4' | \$ 1,000.00 | \$ 2,000.00 |
| 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 | \$ 37,709.62 | \$ 37,709.62 |
| 33. | 30 CY | EXCAVATION, TEST PIT | \$ 90.00 | \$ 2,700.00 |
| 34. | 2970 CY | EXCAVATION, UNCLASSIFIED | \$ 25.00 | \$ 74,250.00 |
| 35. | 300 CY | EXCAVATION, REGULATED MATERIAL (IF & WHERE DIRECTED) | \$ 0.01 | \$ 3.00 |
| 36. | 4500 SY | REMOVAL OF PAVEMENT | \$ 13.00 | \$ 58,500.00 |
| 37. | 445 TON | DISPOSAL OF REGULATED MATERIAL (IF & WHERE DIRECTED) | \$ 50.00 | \$ 22,250.00 |
| 38. | 220 CY | I-14 SOIL AGGREGATE | \$ 37.00 | \$ 8,140.00 |
| 39. | 912.228 CY | DENSE-GRADED AGGREGATE BASE COURSE, 6" THICK | \$ 40.00 | \$ 36,489.12 |
| 40. | 2911 SY | HMA MILLING, 3" OR LESS | \$ 6.00 | \$ 17,466.00 |

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| <u>ITEM NO.</u> | <u>ESTIMATED QUANTITY</u> | <u>ITEM</u> | <u>UNIT PRICE</u> | <u>AMOUNT</u> |
|------------------------|----------------------------------|-----------------------------------------------------------|--------------------------|----------------------|
| 41. | 2200 SY | HMA MILLING, MORE THAN 3" TO 6" | \$ 6.00 | \$ 13,200.00 |
| 42. | 2643 LF | POLYMERIZED JOINT ADHESIVE | \$ 0.50 | \$ 1,321.50 |
| 43. | 1068 GAL | TACK COAT | \$ 0.01 | \$ 10.68 |
| 44. | 1359 TON | HOT MIX ASPHALT 9.5 M 64 SURFACE COURSE | \$ 100.00 | \$ 135,900.00 |
| 45. | 1961 TON | HOT MIX ASPHALT 19 M 64 BASE COURSE | \$ 100.00 | \$ 196,100.00 |
| 46. | 490 LF | 15" REINFORCED CONCRETE PIPE | \$ 68.00 | \$ 33,320.00 |
| 47. | 4 UN | INLET, TYPE E | \$ 3,500.00 | \$ 14,000.00 |
| 48. | 278 SY | RIPRAP STONE SLOPE PROTECTION, 18" THICK (D50=6") | \$ 85.08 | \$ 23,652.24 |
| 49. | 88 SY | GROUTED RIPRAP STONE SLOPE PROTECTION, 18" THICK (D50=6") | \$ 135.00 | \$ 11,880.00 |
| 50. | 20 SY | CONCRETE SIDEWALK, REINFORCED, 6" THICK | \$ 75.00 | \$ 1,500.00 |
| 51. | 45 SY | HOT MIX ASPHALT DRIVEWAY, 6" THICK | \$ 80.00 | \$ 3,600.00 |
| 52. | 365 LF | 6" X 8" X 20" CONCRETE VERTICAL CURB | \$ 30.00 | \$ 10,950.00 |
| 53. | 630 SY | NONVEGETATIVE SURFACE, HOT MIX ASPHALT | \$ 40.00 | \$ 25,200.00 |
| 54. | 225 LF | BEAM GUIDE RAIL | \$ 55.00 | \$ 12,375.00 |
| 55. | 2 UN | TANGENT GUIDE RAIL TERMINAL | \$ 5,500.00 | \$ 11,000.00 |
| 56. | 3 UN | BEAM GUIDE RAIL ANCHORAGE | \$ 3,500.00 | \$ 10,500.00 |
| 57. | 7 UN | APPROACH GUIDE RAIL TRANSITION TL-3 | \$ 5,500.00 | \$ 38,500.00 |
| 58. | 6000 LF | TRAFFIC MARKINGS LINES, 4" | \$ 0.70 | \$ 4,200.00 |
| 59. | 22 UN | RPM, BI-DIRECTIONAL, AMBER LENS | \$ 90.90 | \$ 1,999.80 |
| 60. | 20968 LF | REMOVAL OF TRAFFIC STRIPES | \$ 0.65 | \$ 13,629.20 |

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| 61. | 1 UN | CRASH CUSHION, COMPRESSIVE BARRIER, TYPE 4, WIDTH NARROW | \$ 22,500.00 | \$ 22,500.00 |
| 62. | 80 SF | REGULATORY AND WARNING SIGN | \$ 35.00 | \$ 2,800.00 |
| 63. | 1 UN | RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING | \$ 725.00 | \$ 725.00 |
| 64. | 540 LF | 8" DIAMETER C900 FORCE MAIN PIPE | \$ 60.00 | \$ 32,400.00 |
| 65. | 30 LF | 6" DIAMETER C900 FORCE MAIN PIPE | \$ 175.00 | \$ 5,250.00 |
| 66. | 1 LS | BYPASS SYSTEM | \$ 75,000.00 | \$ 75,000.00 |
| 67. | 1 UN | 8"X6" WET TAP AND VALVE | \$ 9,500.00 | \$ 9,500.00 |
| 68. | 1 UN | 8"X8" WET TAP AND VALVE | \$ 9,750.00 | \$ 9,750.00 |
| 69. | 1 UN | 8" INSERTION VALVE | \$ 15,000.00 | \$ 15,000.00 |
| 70. | 170 LF | 16" STEEL CASING PIPE | \$ 1,500.00 | \$ 255,000.00 |
| 71. | 1 LS | END SEALS | \$ 125.00 | \$ 125.00 |
| 72. | 1 LS | CASING SPACES | \$ 3,500.00 | \$ 3,500.00 |
| 73. | 3 UN | ELECTRICAL PULLBOX | \$ 19,400.00 | \$ 58,200.00 |
| 74. | 1846 LF | ELECTRICAL CONDUIT, PVC, 5" DIA. | \$ 47.00 | \$ 86,762.00 |
| 75. | 234 LF | ELECTRICAL CONDUIT, FIBERGLASS, 5" DIA. | \$ 64.00 | \$ 14,976.00 |
| 76. | 2 UN | TELEPHONE HANDHOLE | \$ 5,350.00 | \$ 10,700.00 |
| 77. | 1650 LF | TELEPHONE CONDUIT, PVC, 4" DIA. | \$ 37.00 | \$ 61,050.00 |
| 78. | 234 LF | TELEPHONE CONDUIT, FIBERGLASS, 4" DIA. | \$ 61.00 | \$ 14,274.00 |
| 79. | 1 UN | TELECOMMUNICATIONS MANHOLE | \$ 4,960.00 | \$ 4,960.00 |
| 80. | 3320 LF | TELECOMMUNICATIONS CONDUIT, PVC, 4" DIA. | \$ 27.00 | \$ 89,640.00 |

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| 81. | 468 LF | TELECOMMUNICATIONS CONDUIT, FIBERGLASS, 4" DIA. | \$ 70.00 | \$ 32,760.00 |
| 82. | 1 LS | TEMPORARY TRAFFIC SIGNAL SYSTEM, LOCATION NO. 1 | \$ 29,098.07 | \$ 29,098.07 |
| 83. | 895 SY | TOPSOIL SPREADING, 5" THICK | \$ 4.00 | \$ 3,580.00 |
| 84. | 135 CY | BORROW TOPSOIL | \$ 40.00 | \$ 5,400.00 |
| 85. | 720 SY | FERTILIZING AND SEEDING, TYPE A-3 | \$ 1.15 | \$ 828.00 |
| 86. | 175 SY | FERTILIZING AND SEEDING, TYPE F | \$ 0.01 | \$ 1.75 |
| 87. | 175 SY | TOPSOIL STABILIZATION, TYPE 1 MAT | \$ 6.00 | \$ 1,050.00 |
| 88. | 720 SY | STRAW MULCHING | \$ 0.90 | \$ 648.00 |
| 89. | 1 LS | VIBRATION MOVEMENT MONITORING (BRIDGE HL-45) | \$ 8,500.00 | \$ 8,500.00 |
| 90. | 1 LS | VIBRATION MOVEMENT MONITORING (BRIDGE HL-46) | \$ 8,500.00 | \$ 8,500.00 |
| 91. | 1 LS | CLEARING SITE, BRIDGE HL-45 | \$ 150,000.00 | \$ 150,000.00 |
| 92. | 1 LS | CLEARING SITE, BRIDGE HL-46 | \$ 75,000.00 | \$ 75,000.00 |
| 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 | \$ 0.01 | \$ 50.00 |
| 96. | 38100 SF | PERMANENT SHEETING | \$ 45.00 | \$ 1,714,500.00 |
| 97. | 1 LS | TEMPORARY COFFERDAM (BRIDGE HL-45) | \$ 398,500.00 | \$ 398,500.00 |
| 98. | 1 LS | TEMPORARY COFFERDAM (BRIDGE HL-46) | \$ 285,000.00 | \$ 285,000.00 |
| 99. | 1 LS | PERMANENT COFFERDAM (BRIDGE HL-45) | \$ 378,000.00 | \$ 378,000.00 |
| 100. | 1 LS | PERMANENT COFFERDAM (BRIDGE HL-46) | \$ 356,000.00 | \$ 356,000.00 |

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| 101. | 1 LS | FURNISHING EQUIPMENT FOR DRIVING PILES | \$ 60,000.00 | \$ 60,000.00 |
| 102. | 520 LF | TEST PILE, FURNISHED | \$ 96.50 | \$ 50,180.00 |
| 103. | 520 LF | TEST PILE, DRIVEN | \$ 300.00 | \$ 156,000.00 |
| 104. | 8 EA | DYNAMIC PILE LOAD TEST | \$ 5,800.00 | \$ 46,400.00 |
| 105. | 13320 LF | CAST-IN-PLACE CONCRETE PILE, FURNISHED, 12.75" DIAMETER | \$ 94.00 | \$ 1,252,080.00 |
| 106. | 12880 LF | CAST-IN-PLACE CONCRETE PILE, DRIVEN, 12.75" DIAMETER | \$ 52.50 | \$ 676,200.00 |
| 107. | 96100 LBS | REINFORCEMENT STEEL, GALVANIZED | \$ 2.25 | \$ 216,225.00 |
| 108. | 330 CY | CONCRETE FOOTING | \$ 300.00 | \$ 99,000.00 |
| 109. | 103 CY | CONCRETE WING WALL | \$ 1,500.00 | \$ 154,500.00 |
| 110. | 160 CY | CONCRETE ABUTMENT WALL | \$ 1,600.00 | \$ 256,000.00 |
| 111. | 30 SY | EPOXY WATERPROOFING | \$ 181.57 | \$ 5,447.10 |
| 112. | 200 CY | CONCRETE CAP | \$ 550.00 | \$ 110,000.00 |
| 113. | 96 LF | CONCRETE PYLON | \$ 600.00 | \$ 57,600.00 |
| 114. | 430 LF | PRETENSIONED PRESTRESSED CONCRETE BEAM, 36" | \$ 346.37 | \$ 148,939.10 |
| 115. | 48 LF | PRECAST CONCRETE CULVERT | \$ 5,000.00 | \$ 240,000.00 |
| 116. | 14 UN | REINFORCED ELASTOMERIC BEARING ASSEMBLY | \$ 1,000.00 | \$ 14,000.00 |
| 117. | 245 CY | CONCRETE BRIDGE DECK, HPC | \$ 1,800.00 | \$ 441,000.00 |
| 118. | 28 CY | CONCRETE BRIDGE SIDEWALK | \$ 500.00 | \$ 14,000.00 |
| 119. | 120 CY | CONCRETE BRIDGE APPROACH | \$ 650.00 | \$ 78,000.00 |
| 120. | 1200 LF | STEEL 4 BAR BRIDGE RAILING | \$ 375.00 | \$ 450,000.00 |

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| 121. | 2 UN | BRIDGE IDENTIFICATION PLAQUE | \$ 4,500.00 | \$ 9,000.00 |
| 122. | 37 LF | 6" HIGH DENSITY POLYETHYLENE PIPE | \$ 35.00 | \$ 1,295.00 |
| 123. | 79 LF | SUBBASE OUTLET DRAIN | \$ 35.00 | \$ 2,765.00 |
| 124. | 291 LF | 8" PERFORATED HIGH DENSITY POLYETHYLENE PIPE | \$ 35.00 | \$ 10,185.00 |

TOTAL LUMP SUM BID ALL ITEMS **\$ 12,135,970.00**
(Numeric)

Twelve Million One Hundred Thirty-Five Thousand Nine Hundred Seventy Dollars and Zero Cents
(Written)

CONTRACTOR: Green Construction, Inc.

BY: Jose A. Abreu
(Printed)


(Signature)

TITLE: President

DATE: 10/20/2021

