

**Opinion of Probable Construction Cost**  
 UT TO SANDY CREEK STREAM AND WETLAND RESTORATION  
 (ID NO. 040611601)  
 RANDOLPH COUNTY, NC

| Pay Item Number | Special Provision or NCDOT Standard Specification Section Number | Description   | Unit | Estimated Quantity | Engineers Opinion of Cost      |                | Shamrock                       |                | Fluvial Solutions              |                | L-J Inc.                       |                | Appalachian Enviro. Services   |                | McQueen Construction Inc.      |                | Bid Extended Total Statistics |               |               |
|-----------------|--|---|------|--------------------|--------------------------------|----------------|--------------------------------|----------------|--------------------------------|----------------|--------------------------------|----------------|--------------------------------|----------------|--------------------------------|----------------|-------------------------------|---------------|---------------|
|                 |  |   |      |                    | Unit Bid Price                 | Extended Total | Unit Bid Price                 | Extended Total | Unit Bid Price                 | Extended Total | Unit Bid Price                 | Extended Total | Unit Bid Price                 | Extended Total | Unit Bid Price                 | Extended Total | Minimum                       | Maximum       | Average       |
| 1               | SP1  | Mobilization/Demobilization   | LS   | 1                  | \$ 21,081.25                   | \$ 21,081.25   | \$ 15,691.00                   | \$ 15,691.00   | \$ 20,231.00                   | \$ 20,231.00   | \$ 20,000.00                   | \$ 20,000.00   | \$ 38,880.13                   | \$ 38,880.13   | \$ 17,000.00                   | \$ 17,000.00   | \$ 15,691.00                  | \$ 38,880.13  | \$ 22,360.43  |
| 2               | SP2  | Surveys and Layout  | LS   | 1                  | \$ 24,000.00                   | \$ 24,000.00   | \$ 23,688.00                   | \$ 23,688.00   | \$ 28,700.00                   | \$ 28,700.00   | \$ 20,000.00                   | \$ 20,000.00   | \$ 10,312.50                   | \$ 10,312.50   | \$ 33,000.00                   | \$ 33,000.00   | \$ 10,312.50                  | \$ 33,000.00  | \$ 23,140.10  |
| 3               | SP4  | Grading   | LS   | 1                  | \$ 55,000.00                   | \$ 55,000.00   | \$ 35,199.00                   | \$ 35,199.00   | \$ 85,000.00                   | \$ 85,000.00   | \$ 48,000.00                   | \$ 48,000.00   | \$ 82,362.50                   | \$ 82,362.50   | \$ 74,000.00                   | \$ 74,000.00   | \$ 35,199.00                  | \$ 85,000.00  | \$ 64,912.30  |
| 4               | SP5A   | Rock Cross Vanes (STA 10+00.00 - 28+86.00)                                    | EA   | 7                  | \$ 3,000.00                    | \$ 21,000.00   | \$ 3,416.00                    | \$ 23,912.00   | \$ 3,200.00                    | \$ 22,400.00   | \$ 3,450.00                    | \$ 24,150.00   | \$ 2,400.63                    | \$ 16,804.41   | \$ 3,700.00                    | \$ 25,900.00   | \$ 16,804.41                  | \$ 25,900.00  | \$ 22,633.28  |
| 5               | SP5A   | Rock Cross Vanes (STA 28+86.00 - 32+17.00)                                    | EA   | 1                  | \$ 4,000.00                    | \$ 4,000.00    | \$ 5,177.00                    | \$ 5,177.00    | \$ 3,300.00                    | \$ 3,300.00    | \$ 2,875.00                    | \$ 2,875.00    | \$ 4,804.38                    | \$ 4,804.38    | \$ 5,500.00                    | \$ 5,500.00    | \$ 2,875.00                   | \$ 5,500.00   | \$ 4,331.28   |
| 6               | SP5A   | Rock Cross Vanes (STA 110+00.00 - 114+12.00)                                  | EA   | 0                  | \$ 3,000.00                    | \$ -           | \$ 650.00                      | \$ -           | \$ -                           | \$ -           | \$ -                           | \$ -           | \$ -                           | \$ -           | \$ -                           | \$ -           | \$ -                          | \$ -          | \$ -          |
| 7               | SP5B   | A-Vanes (STA 10+00.00 - 28+86.00)   | EA   | 5                  | \$ 4,000.00                    | \$ 20,000.00   | \$ 3,951.00                    | \$ 19,755.00   | \$ 3,350.00                    | \$ 16,750.00   | \$ 4,025.00                    | \$ 20,125.00   | \$ 2,871.25                    | \$ 14,356.25   | \$ 3,800.00                    | \$ 19,000.00   | \$ 14,356.25                  | \$ 20,125.00  | \$ 17,997.25  |
| 8               | SP5B   | A-Vanes (STA 28+86.00 - 32+17.00)   | EA   | 1                  | \$ 5,000.00                    | \$ 5,000.00    | \$ 5,541.00                    | \$ 5,541.00    | \$ 3,450.00                    | \$ 3,450.00    | \$ 2,875.00                    | \$ 2,875.00    | \$ 5,278.75                    | \$ 5,278.75    | \$ 6,300.00                    | \$ 6,300.00    | \$ 2,875.00                   | \$ 6,300.00   | \$ 4,688.95   |
| 9               | SP5B   | A-Vanes (STA 110+00.00 - 114+12.00)   | EA   | 1                  | \$ 4,000.00                    | \$ 4,000.00    | \$ 721.00                      | \$ 721.00      | \$ 3,550.00                    | \$ 3,550.00    | \$ 2,300.00                    | \$ 2,300.00    | \$ 1,400.25                    | \$ 1,400.25    | \$ 1,700.00                    | \$ 1,700.00    | \$ 721.00                     | \$ 3,550.00   | \$ 1,934.25   |
| 10              | SP5C   | J-Hook Rock Vane  | EA   | 0                  | \$ 2,700.00                    | \$ -           | \$ -                           | \$ -           | \$ -                           | \$ -           | \$ -                           | \$ -           | \$ -                           | \$ -           | \$ -                           | \$ -           | \$ -                          | \$ -          | \$ -          |
| 11              | SP5D   | Constructed Riffle (STA 10+00.00 - 28+86.00)                                  | EA   | 2                  | \$ 4,000.00                    | \$ 8,000.00    | \$ 1,462.00                    | \$ 2,924.00    | \$ 2,650.00                    | \$ 5,300.00    | \$ 2,300.00                    | \$ 4,600.00    | \$ 2,543.75                    | \$ 5,087.50    | \$ 1,100.00                    | \$ 2,200.00    | \$ 2,200.00                   | \$ 5,300.00   | \$ 4,022.30   |
| 12              | SP5D   | Constructed Riffle (STA 28+86.00 - 32+17.00)                                  | EA   | 1                  | \$ 5,000.00                    | \$ 5,000.00    | \$ 1,521.00                    | \$ 1,521.00    | \$ 2,750.00                    | \$ 2,750.00    | \$ 1,725.00                    | \$ 1,725.00    | \$ 4,962.50                    | \$ 4,962.50    | \$ 1,500.00                    | \$ 1,500.00    | \$ 1,500.00                   | \$ 4,962.50   | \$ 2,491.70   |
| 13              | SP5D   | Constructed Riffle (STA 110+00.00 - 113+57.00)                                | EA   | 4                  | \$ 4,000.00                    | \$ 16,000.00   | \$ 862.00                      | \$ 3,448.00    | \$ 2,750.00                    | \$ 11,000.00   | \$ 1,150.00                    | \$ 4,600.00    | \$ 1,650.63                    | \$ 6,602.52    | \$ 750.00                      | \$ 3,000.00    | \$ 3,000.00                   | \$ 11,000.00  | \$ 5,730.10   |
| 14              | SP5E   | Log Vane Structure  | EA   | 2                  | \$ 650.00                      | \$ 1,300.00    | \$ 589.00                      | \$ 1,178.00    | \$ 1,850.00                    | \$ 3,700.00    | \$ 345.00                      | \$ 690.00      | \$ 1,121.88                    | \$ 2,243.76    | \$ 360.00                      | \$ 720.00      | \$ 690.00                     | \$ 3,700.00   | \$ 1,706.35   |
| 15              | SP5F   | Root Wads   | EA   | 0                  | \$ 500.00                      | \$ -           | \$ 850.00                      | \$ -           | \$ -                           | \$ -           | \$ -                           | \$ -           | \$ -                           | \$ -           | \$ -                           | \$ -           | \$ -                          | \$ -          | \$ -          |
| 16              | 876  | Misc. Class II Rip Rap  | Ton  | 100                | \$ 50.00                       | \$ 5,000.00    | \$ 46.00                       | \$ 4,600.00    | \$ 60.00                       | \$ 6,000.00    | \$ 55.00                       | \$ 5,500.00    | \$ 25.63                       | \$ 2,563.00    | \$ 35.00                       | \$ 3,500.00    | \$ 2,563.00                   | \$ 6,000.00   | \$ 4,432.60   |
| 17              | 876  | Misc. Class I Rip Rap   | Ton  | 100                | \$ 50.00                       | \$ 5,000.00    | \$ 44.00                       | \$ 4,400.00    | \$ 55.00                       | \$ 5,500.00    | \$ 55.00                       | \$ 5,500.00    | \$ 24.38                       | \$ 2,438.00    | \$ 35.00                       | \$ 3,500.00    | \$ 2,438.00                   | \$ 5,500.00   | \$ 4,267.60   |
| 18              | 876  | Misc. Class B Rip Rap   | Ton  | 150                | \$ 50.00                       | \$ 7,500.00    | \$ 44.60                       | \$ 6,690.00    | \$ 55.00                       | \$ 8,250.00    | \$ 40.00                       | \$ 6,000.00    | \$ 25.63                       | \$ 3,844.50    | \$ 30.00                       | \$ 4,500.00    | \$ 3,844.50                   | \$ 8,250.00   | \$ 5,856.90   |
| 19              | SP6A   | Temporary Rock Silt Check   | EA   | 2                  | \$ 2,000.00                    | \$ 4,000.00    | \$ 1,416.00                    | \$ 2,832.00    | \$ 650.00                      | \$ 1,300.00    | \$ 1,725.00                    | \$ 3,450.00    | \$ 1,012.50                    | \$ 2,025.00    | \$ 420.00                      | \$ 840.00      | \$ 840.00                     | \$ 3,450.00   | \$ 2,089.40   |
| 20              | SP6B   | Stream Crossing/Ford (Temporary)  | EA   | 1                  | \$ 6,000.00                    | \$ 6,000.00    | \$ 3,780.00                    | \$ 3,780.00    | \$ 2,500.00                    | \$ 2,500.00    | \$ 2,875.00                    | \$ 2,875.00    | \$ 4,527.50                    | \$ 4,527.50    | \$ 2,500.00                    | \$ 2,500.00    | \$ 2,500.00                   | \$ 4,527.50   | \$ 3,236.50   |
| 21              | SP6B   | Stream Crossing/Ford (Permanent) w/ cross vane                                | EA   | 2                  | \$ 7,500.00                    | \$ 15,000.00   | \$ 13,359.00                   | \$ 26,718.00   | \$ 6,500.00                    | \$ 13,000.00   | \$ 5,750.00                    | \$ 11,500.00   | \$ 8,808.13                    | \$ 17,616.26   | \$ 6,200.00                    | \$ 12,400.00   | \$ 11,500.00                  | \$ 26,718.00  | \$ 16,246.85  |
| 22              | SP6C   | Coir Fiber Matting  | SY   | 4400               | \$ 5.00                        | \$ 22,000.00   | \$ 4.00                        | \$ 17,600.00   | \$ 4.85                        | \$ 21,340.00   | \$ 6.00                        | \$ 26,400.00   | \$ 6.56                        | \$ 28,864.00   | \$ 4.75                        | \$ 20,900.00   | \$ 17,600.00                  | \$ 28,864.00  | \$ 23,020.80  |
| 23              | 1605   | Silt Fence  | LF   | 3400               | \$ 3.00                        | \$ 10,200.00   | \$ 2.40                        | \$ 8,160.00    | \$ 2.35                        | \$ 7,990.00    | \$ 2.50                        | \$ 8,500.00    | \$ 1.59                        | \$ 5,406.00    | \$ 2.25                        | \$ 7,650.00    | \$ 5,406.00                   | \$ 8,500.00   | \$ 7,541.20   |
| 24              | SP6D   | Temporary Construction Fence  | EA   | 2                  | \$ 2,000.00                    | \$ 4,000.00    | \$ 1,950.00                    | \$ 3,900.00    | \$ 2,650.00                    | \$ 5,300.00    | \$ 2,300.00                    | \$ 4,600.00    | \$ 1,731.25                    | \$ 3,462.50    | \$ 1,800.00                    | \$ 3,600.00    | \$ 3,462.50                   | \$ 5,300.00   | \$ 4,172.50   |
| 25              | SP6E   | Pump Around Operation   | LS   | 1                  | \$ 20,000.00                   | \$ 20,000.00   | \$ 10,634.00                   | \$ 10,634.00   | \$ 12,500.00                   | \$ 12,500.00   | \$ 35,000.00                   | \$ 35,000.00   | \$ 1,031.25                    | \$ 1,031.25    | \$ 24,000.00                   | \$ 24,000.00   | \$ 1,031.25                   | \$ 35,000.00  | \$ 16,633.05  |
| 26              | SP8A   | 5 Strand Barbed Wire Fence  | LF   | 1,260              | \$ 7.00                        | \$ 8,820.00    | \$ 5.70                        | \$ 7,182.00    | \$ 4.00                        | \$ 5,040.00    | \$ 9.20                        | \$ 11,592.00   | \$ 1.43                        | \$ 1,801.80    | \$ 1.60                        | \$ 2,016.00    | \$ 1,801.80                   | \$ 11,592.00  | \$ 5,526.36   |
| 27              | SP8B   | Woven Wire Fence, 48" Fabric  | LF   | 2,400              | \$ 7.00                        | \$ 16,800.00   | \$ 5.70                        | \$ 13,680.00   | \$ 4.00                        | \$ 9,600.00    | \$ 13.80                       | \$ 33,120.00   | \$ 2.66                        | \$ 6,384.00    | \$ 3.60                        | \$ 8,640.00    | \$ 6,384.00                   | \$ 33,120.00  | \$ 14,284.80  |
| 28              | SP8C   | Woven Wire Fence w/ 2 Strand Barbed Wire w/ 4" Wood Posts and T Posts Between | LF   | 2,450              | \$ 7.00                        | \$ 17,150.00   | \$ 7.00                        | \$ 17,150.00   | \$ 4.00                        | \$ 9,800.00    | \$ 17.00                       | \$ 41,650.00   | \$ 3.45                        | \$ 8,452.50    | \$ 3.90                        | \$ 9,555.00    | \$ 8,452.50                   | \$ 41,650.00  | \$ 17,321.50  |
| 29              | SP8D   | High Tensile Fencing  | LF   | 390                | \$ 7.00                        | \$ 2,730.00    | \$ 8.30                        | \$ 3,237.00    | \$ 3.85                        | \$ 1,501.50    | \$ 9.20                        | \$ 3,588.00    | \$ 1.45                        | \$ 565.50      | \$ 2.20                        | \$ 858.00      | \$ 565.50                     | \$ 3,588.00   | \$ 1,950.00   |
| 30              | SP9A   | Permanent Seeding   | LB   | 91                 | \$ 175.00                      | \$ 15,925.00   | \$ 212.00                      | \$ 19,292.00   | \$ 100.00                      | \$ 9,100.00    | \$ 115.00                      | \$ 10,465.00   | \$ 97.56                       | \$ 8,877.96    | \$ 220.00                      | \$ 20,020.00   | \$ 8,877.96                   | \$ 20,020.00  | \$ 13,550.99  |
| 31              | SP9B   | Bare Root Seedlings (Buffer)  | EA   | 6,700              | \$ 4.00                        | \$ 26,800.00   | \$ 3.80                        | \$ 25,460.00   | \$ 3.50                        | \$ 23,450.00   | \$ 3.45                        | \$ 23,115.00   | \$ 2.63                        | \$ 17,621.00   | \$ 4.00                        | \$ 26,800.00   | \$ 17,621.00                  | \$ 26,800.00  | \$ 23,289.20  |
| 32              | SP9C   | Live Staking  | EA   | 8,800              | \$ 3.00                        | \$ 26,400.00   | \$ 1.90                        | \$ 16,720.00   | \$ 4.00                        | \$ 35,200.00   | \$ 3.45                        | \$ 30,360.00   | \$ 2.31                        | \$ 20,328.00   | \$ 4.25                        | \$ 37,400.00   | \$ 16,720.00                  | \$ 37,400.00  | \$ 28,001.60  |
| 33              | 1660   | Seeding and Mulching (Temporary)  | AC   | 6                  | \$ 2,000.00                    | \$ 12,000.00   | \$ 440.00                      | \$ 2,640.00    | \$ 1,500.00                    | \$ 9,000.00    | \$ 2,300.00                    | \$ 13,800.00   | \$ 575.00                      | \$ 3,450.00    | \$ 1,500.00                    | \$ 9,000.00    | \$ 2,640.00                   | \$ 13,800.00  | \$ 7,578.00   |
| 34              | SP5G   | Channel Block   | EA   | 11.0               | \$ 3,000.00                    | \$ 33,000.00   | \$ 1,743.00                    | \$ 19,173.00   | \$ 3,000.00                    | \$ 33,000.00   | \$ 2,000.00                    | \$ 22,000.00   | \$ 1,268.13                    | \$ 13,949.43   | \$ 2,300.00                    | \$ 25,300.00   | \$ 13,949.43                  | \$ 33,000.00  | \$ 22,684.49  |
|                 |  |   |      |                    | <b>SUBTOTAL</b>                | \$ 442,706.25  | <b>SUBTOTAL</b>                | \$ 352,603.00  | <b>SUBTOTAL</b>                | \$ 425,502.50  | <b>SUBTOTAL</b>                | \$ 450,955.00  | <b>SUBTOTAL</b>                | \$ 346,303.65  | <b>SUBTOTAL</b>                | \$ 412,799.00  | \$ 346,303.65                 | \$ 450,955.00 | \$ 397,632.63 |
|                 |  |   |      |                    | <b>TOTAL LUMP SUM BASE BID</b> | \$ 442,706.25  | <b>TOTAL LUMP SUM BASE BID</b> | \$ 352,603.00  | <b>TOTAL LUMP SUM BASE BID</b> | \$ 425,502.50  | <b>TOTAL LUMP SUM BASE BID</b> | \$ 450,955.00  | <b>TOTAL LUMP SUM BASE BID</b> | \$ 346,303.65  | <b>TOTAL LUMP SUM BASE BID</b> | \$ 412,799.00  | \$ 346,303.65                 | \$ 450,955.00 | \$ 397,632.63 |
|                 |  |   |      |                    | <b>10% Contingency</b>         | \$ 44,270.63   |                                |                |                                |                |                                |                |                                |                |                                |                |                               |               |               |
|                 |  |   |      |                    | <b>Total Bid</b>               | \$ 486,976.88  |                                |                |                                |                |                                |                |                                |                |                                |                |                               |               |               |