## CONTRACT 2019-C8 PAVEMENT MARKINGS

Bid Tabulation

|  |  |  |  | TOTAL-ENGR EST. |  | Alpha Space Control Co. |  | Seneca Pavement marking |  | FERGUSON TWP |  | BENNER TWP |  | COLLEGE TWP |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NO. | ITEM | UNIT | QTY | Est. Cost | COST | QTY | COST | QTY | COST | QTY | COST | QTY | COST | QTY | COST |
| 1 | 4" YELLOW LONG LINE | LF | 1,361,800 | \$0.0535 | \$72,856.30 | \$0.051 | \$69,451.80 | \$0.0525 | \$71,494.50 | 420,744 | \$21,457.94 | 180,000 | \$9,180.00 | 97,400 | \$4,967.40 |
| 2 | 4" or 6" WHITE LONG LINE | LF | 971,138 | \$0.0535 | \$51,955.88 | \$0.051 | \$49,528.04 | \$0.0525 | \$50,984.75 | 353,170 | \$18,011.67 | 60,000 | \$3,060.00 | 68,400 | \$3,488.40 |
| 3 | 24" WHITE (STOP / CROSS WALK / HATCHING) | LF | 7,966 | \$2.14 | \$17,047.24 | \$1.90 | \$15,135.40 | \$1.80 | \$14,338.80 | 3,580 | \$6,802.00 | 350 | \$665.00 | 2,650 | \$5,035.00 |
| 4 | 24" YELLOW (HATCHING) | LF | 842 | \$2.14 | \$1,801.88 | \$1.90 | \$1,599.80 | \$1.80 | \$1,515.60 | 340 | \$646.00 |  | \$0.00 |  | \$0.00 |
| 5 | 18" WHITE HATCHING (BIKE CROSSING) | LF | 200 | \$2.00 | \$400.00 | \$1.85 | \$370.00 | \$1.80 | \$360.00 |  | \$0.00 |  | \$0.00 | 200 | \$370.00 |
| 6 | 12" WHITE (VASCAR / HATCH) | LF | 884 | \$1.87 | \$1,655.29 | \$1.60 | \$1,414.40 | \$1.50 | \$1,326.00 | 184 | \$294.40 |  | \$0.00 |  | \$0.00 |
| 7 | 8" WHITE CROSS WALK | LF | 1,456 | \$1.66 | \$2,414.78 | \$1.55 | \$2,256.80 | \$1.50 | \$2,184.00 | 0 | \$0.00 | 450 | \$697.50 |  | \$0.00 |
| 8 | 6" WHITE CROSSWALK | LF | 13,464 | \$1.61 | \$21,609.72 | \$1.50 | \$20,196.00 | \$1.50 | \$20,196.00 | 7,644 | \$11,466.00 |  | \$0.00 | 4,900 | \$7,350.00 |
| 9 | 4" WHITE PARKING STALL | LF | 279 | \$0.27 | \$74.63 | \$0.20 | \$55.80 | \$1.00 | \$279.00 | 112 | \$22.40 |  | \$0.00 |  | \$0.00 |
| 10 | SINGLE ARROW | EA | 588 | \$42.80 | \$25,166.40 | \$40.00 | \$23,520.00 | \$35.00 | \$20,580.00 | 284 | \$11,360.00 | 25 | \$1,000.00 | 190 | \$7,600.00 |
| 11 | COMBINATION ARROW | EA | 66 | \$85.60 | \$5,649.60 | \$75.00 | \$4,950.00 | \$75.00 | \$4,950.00 |  | \$0.00 | 4 | \$300.00 | 36 | \$2,700.00 |
| 12 | "ONLY" LEGEND | EA | 2 | \$53.50 | \$107.00 | \$65.00 | \$130.00 | \$75.00 | \$150.00 |  | \$0.00 | 2 | \$130.00 |  | \$0.00 |
| 13 | "STOP" LEGEND | EA | 5 | \$53.50 | \$267.50 | \$75.00 | \$375.00 | \$75.00 | \$375.00 | 1 | \$75.00 |  | \$0.00 |  | \$0.00 |
| 14 | "AHEAD" LEGEND | EA | 6 | \$74.90 | \$449.40 | \$75.00 | \$450.00 | \$75.00 | \$450.00 | 5 | \$375.00 |  | \$0.00 |  | \$0.00 |
| 15 | "BIKE" LEGEND | EA | 6 | \$53.50 | \$321.00 | \$65.00 | \$390.00 | \$75.00 | \$450.00 | 6 | \$390.00 |  | \$0.00 |  | \$0.00 |
| 16 | "PED" LEGEND | EA | 3 | \$42.80 | \$128.40 | \$65.00 | \$195.00 | \$50.00 | \$150.00 | 2 | \$130.00 |  | \$0.00 |  | \$0.00 |
| 17 | "X-ING" LEGEND | EA | 4 | \$53.50 | \$214.00 | \$65.00 | \$260.00 | \$75.00 | \$300.00 | 4 | \$260.00 |  | \$0.00 |  | \$0.00 |
| 18 | "R X R" CROSSBUCK LEGEND | EA | 12 | \$187.25 | \$2,247.00 | \$150.00 | \$1,800.00 | \$150.00 | \$1,800.00 |  | \$0.00 | 2 | \$300.00 |  | \$0.00 |
| 19 | "SLOW" | EA | 6 | \$53.50 | \$321.00 | \$65.00 | \$390.00 | \$75.00 | \$450.00 | 6 | \$390.00 |  | \$0.00 |  | \$0.00 |
| 20 | LARGE CURVE ARROW | EA | 6 | \$74.90 | \$449.40 | \$65.00 | \$390.00 | \$350.00 | \$2,100.00 | 6 | \$390.00 |  | \$0.00 |  | \$0.00 |
| 21 | BIKE SYMBOL | EA | 6 | \$26.75 | \$160.50 | \$25.00 | \$150.00 | \$50.00 | \$300.00 | 6 | \$150.00 |  | \$0.00 |  | \$0.00 |
| 22 | WRONG WAY ARROW | EA | 2 | \$74.90 | \$149.80 | \$50.00 | \$100.00 | \$50.00 | \$100.00 | 2 | \$100.00 |  | \$0.00 |  | \$0.00 |
| 23 | LANE MERGE ARROW | EA | 0 | \$85.60 | \$0.00 | \$0.00 | \$0.00 | \$500.00 | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 24 | 12"X18" YIELD TRIANGLES | EA | 48 | \$2.14 | \$102.72 | \$2.00 | \$96.00 | \$5.00 | \$240.00 | 48 | \$96.00 |  | \$0.00 |  | \$0.00 |
| 25 | "+" INTERSECTION SYMBOL (12'X6") | EA | 2 | \$80.25 | \$160.50 | \$85.00 | \$170.00 | \$50.00 | \$100.00 | 2 | \$170.00 |  | \$0.00 |  | \$0.00 |
| 26 | "XX MPH" LEGENG (8') | EA | 2 | \$160.50 | \$321.00 | \$85.00 | \$170.00 | \$50.00 | \$100.00 | 2 | \$170.00 |  | \$0.00 |  | \$0.00 |
| 27 | PAVEMENT MARKING REMOVAL | SF | 26,369 | \$0.75 | \$19,776.75 | \$0.75 | \$19,776.75 | \$2.50 | \$65,922.50 | 26,369 | \$19,777.00 |  | \$0.00 |  | \$0.00 |
| 28 | SCHOOL SLOW | EA | 11 | \$128.40 | \$1,412.40 | \$95.00 | \$1,045.00 | \$150.00 | \$1,650.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
|  | TOTAL AMOUNT |  |  | \$213,321.06 |  | \$214,365.79 |  | \$262,846.15 |  |  | \$92,533.41 |  | \$15,332.50 |  | \$31,510.80 |

## CONTRACT 2019-C8 PAVEMENT MARKINGS

Bid Tabulation

|  |  |  |  | TOTAL - ENGR EST. |  | HALFMOON TWP |  | HARRIS TWP |  | MARION TWP |  | PATTON TWP |  | PORTER TWP |  | SC BORO |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NO. | ITEM | UNIT | QTY | Est. Cost | COST | QTY | COST | QTY | COST | QTY | COST | QTY | COST | QTY | COST | QTY | COST |
| 1 | 4" YELLOW LONG LINE | LF | 1,361,800 | \$0.0535 | \$72,856.30 | 64,416 | \$3,285.22 | 2,875 | \$146.63 | 7,920 | \$403.92 | 126,284 | \$6,440.48 |  | \$0.00 | 95,000 | \$4,845.00 |
| 2 | 4" or 6" WHITE LONG LINE | LF | 971,138 | \$0.0535 | \$51,955.88 | 400 | \$20.40 | 37,600 | \$1,917.60 |  | \$0.00 | 165,643 | \$8,447.79 |  | \$0.00 | 21,000 | \$1,071.00 |
| 3 | 24" WHITE (STOP / CROSS WALK / HATCHING) | LF | 7,966 | \$2.14 | \$17,047.24 | 90 | \$171.00 | 1100 | \$2,090.00 |  | \$0.00 |  | \$0.00 | 170 | \$323.00 |  | \$0.00 |
| 4 | 24" YELLOW (HATCHING) | LF | 842 | \$2.14 | \$1,801.88 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 5 | 18" WHITE HATCHING (BIKE CROSSING) | LF | 200 | \$2.00 | \$400.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 6 | 12" WHITE (VASCAR / HATCH) | LF | 884 | \$1.87 | \$1,655.29 |  | \$0.00 | 700 | \$1,120.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 7 | 8" WHITE CROSS WALK | LF | 1,456 | \$1.66 | \$2,414.78 |  | \$0.00 | 900 | \$1,395.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 8 | 6" WHITE CROSSWALK | LF | 13,464 | \$1.61 | \$21,609.72 |  | \$0.00 | 570 | \$855.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 9 | 4" WHITE PARKING STALL | LF | 279 | \$0.27 | \$74.63 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 | 167 | \$33.40 |
| 10 | SINGLE ARROW | EA | 588 | \$42.80 | \$25,166.40 |  | \$0.00 | 27 | \$1,080.00 |  | \$0.00 |  | \$0.00 | 20 | \$800.00 |  | \$0.00 |
| 11 | COMBINATION ARROW | EA | 66 | \$85.60 | \$5,649.60 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 | 26 | \$1,950.00 |
| 12 | "ONLY" LEGEND | EA | 2 | \$53.50 | \$107.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 13 | "STOP" LEGEND | EA | 5 | \$53.50 | \$267.50 |  | \$0.00 | 4 | \$300.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 14 | "AHEAD" LEGEND | EA | 6 | \$74.90 | \$449.40 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 | 1 | \$75.00 |
| 15 | "BIKE" LEGEND | EA | 6 | \$53.50 | \$321.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 16 | "PED" LEGEND | EA | 3 | \$42.80 | \$128.40 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 | 1 | \$65.00 |
| 17 | "X-ING" LEGEND | EA | 4 | \$53.50 | \$214.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 18 | "R X R" CROSSBUCK LEGEND | EA | 12 | \$187.25 | \$2,247.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 19 | "SLOW" | EA | 6 | \$53.50 | \$321.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 20 | LARGE CURVE ARROW | EA | 6 | \$74.90 | \$449.40 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 21 | BIKE SYMBOL | EA | 6 | \$26.75 | \$160.50 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 22 | WRONG WAY ARROW | EA | 2 | \$74.90 | \$149.80 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 23 | LANE MERGE ARROW | EA | 0 | \$85.60 | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 24 | 12"X18" YIELD TRIANGLES | EA | 48 | \$2.14 | \$102.72 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 25 | "+' INTERSECTION SYMBOL (12'X6") | EA | 2 | \$80.25 | \$160.50 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 26 | "XX MPH" LEGENG (8') | EA | 2 | \$160.50 | \$321.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 27 | PAVEMENT MARKING REMOVAL | SF | 26,369 | \$0.75 | \$19,776.75 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 28 | SCHOOL SLOW | EA | 11 | \$128.40 | \$1,412.40 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 | 11 | \$1,045.00 |
|  | TOTAL AMOUNT |  |  |  | \$213,321.06 |  | \$3,476.62 |  | \$8,904.23 |  | \$403.92 |  | \$14,888.28 |  | \$1,123.00 |  | \$8,039.40 |

## CONTRACT 2019-C8 PAVEMENT MARKINGS

Bid Tabulation

|  |  |  |  | TOTAL - ENGR EST. |  | SPRING TWP |  | WALKER TWP |  | UNION TWP |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NO. | ITEM | UNIT | QTY | Est. Cost | COST | QTY | COST | QTY | COST | QTY | COST |
| 1 | 4" YELLOW LONG LINE | LF | 1,361,800 | \$0.0535 | \$72,856.30 | 250,685 | \$12,784.94 | 93,878 | \$4,787.78 | 22,598 | \$1,152.52 |
| 2 | 4" or 6" WHITE LONG LINE | LF | 971,138 | \$0.0535 | \$51,955.88 | 189,738 | \$9,676.64 | 75,187 | \$3,834.54 |  | \$0.00 |
| 3 | 24" WHITE (STOP / CROSS WALK / HATCHING) | LF | 7,966 | \$2.14 | \$17,047.24 | 26 | \$49.40 |  | \$0.00 |  | \$0.00 |
| 4 | 24" YELLOW (HATCHING) | LF | 842 | \$2.14 | \$1,801.88 | 502 | \$953.80 |  | \$0.00 |  | \$0.00 |
| 5 | 18" WHITE HATCHING (BIKE CROSSING) | LF | 200 | \$2.00 | \$400.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 6 | 12" WHITE (VASCAR / HATCH) | LF | 884 | \$1.87 | \$1,655.29 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 7 | 8" WHITE CROSS WALK | LF | 1,456 | \$1.66 | \$2,414.78 | 106 | \$164.30 |  | \$0.00 |  | \$0.00 |
| 8 | 6" WHITE CROSSWALK | LF | 13,464 | \$1.61 | \$21,609.72 | 350 | \$525.00 |  | \$0.00 |  | \$0.00 |
| 9 | 4" WHITE PARKING STALL | LF | 279 | \$0.27 | \$74.63 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 10 | SINGLE ARROW | EA | 588 | \$42.80 | \$25,166.40 | 42 | \$1,680.00 |  | \$0.00 |  | \$0.00 |
| 11 | COMBINATION ARROW | EA | 66 | \$85.60 | \$5,649.60 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 12 | "ONLY" LEGEND | EA | 2 | \$53.50 | \$107.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 13 | "STOP" LEGEND | EA | 5 | \$53.50 | \$267.50 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 14 | "AHEAD" LEGEND | EA | 6 | \$74.90 | \$449.40 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 15 | "BIKE" LEGEND | EA | 6 | \$53.50 | \$321.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 16 | "PED" LEGEND | EA | 3 | \$42.80 | \$128.40 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 17 | "X-ING" LEGEND | EA | 4 | \$53.50 | \$214.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 18 | "R X R" CROSSBUCK LEGEND | EA | 12 | \$187.25 | \$2,247.00 | 10 | \$1,500.00 |  | \$0.00 |  | \$0.00 |
| 19 | "SLOW" | EA | 6 | \$53.50 | \$321.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 20 | LARGE CURVE ARROW | EA | 6 | \$74.90 | \$449.40 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 21 | BIKE SYMBOL | EA | 6 | \$26.75 | \$160.50 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 22 | WRONG WAY ARROW | EA | 2 | \$74.90 | \$149.80 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 23 | LANE MERGE ARROW | EA | 0 | \$85.60 | \$0.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 24 | 12"X18" YIELD TRIANGLES | EA | 48 | \$2.14 | \$102.72 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 25 | "+" INTERSECTION SYMBOL (12'X6") | EA | 2 | \$80.25 | \$160.50 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 26 | "XX MPH" LEGENG (8') | EA | 2 | \$160.50 | \$321.00 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 27 | PAVEMENT MARKING REMOVAL | SF | 26,369 | \$0.75 | \$19,776.75 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 28 | SCHOOL SLOW | EA | 11 | \$128.40 | \$1,412.40 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
|  | TOTAL AMOUNT |  |  |  | \$213,321.06 |  | \$27,334.07 |  | \$8,622.32 |  | \$1,152.52 |

