LIVONIA PUBLIC SCHOOLS Churchill and Buchanan RE-BID TABULATION

April 27, 2017

| VENDORS BIDDING DESCRIPTION | Michigan Fencing | | Best Asphalt | | Nagle Paving Novi, MI | Goddard Coatings | Pavex Trenton, MI | | AVERAGE | |
|--|------------------|------------|--------------|------------|--------------------------|------------------|----------------------|----|------------|--|
| | | | | | | | | | | |
| Individual Site Bid: | | | | | | | | | | |
| 1) Buchanan Elementary School | | | \$ | 265,000.00 | 223,790.00 | | \$ 282,000.00 | \$ | 256,930.00 | |
| 2.1) Churchill - Demo, Earthwork, Retaining Walls, Curb, Concrete, and Asphalt | | | \$ | 575,000.00 | \$ 486,775.00 | | \$ 487,000.00 | \$ | 516,258.33 | |
| 2.2) Churchill - Fencing and Tennis Court Equipment | \$ | 94,650.00 | | | | | \$ 104,000.00 | \$ | 104,000.00 | |
| 2.3) Churchill - Tennis Court Surfacing | | | | | | \$ 29,265.00 | \$ 52,000.00 | \$ | 40,632.50 | |
| Sum of Individual Bids | \$ | 94,650.00 | \$ | 840,000.00 | \$ 710,565.00 | \$ 29,265.00 | \$ 925,000.00 | \$ | 626,207.50 | |
| Alternates | | | | | | | | | | |
| Voluntary Alternate: Use Tufftrack in lieu of Geoblock | | | | | \$ (4,500.00) | | | | | |
| Alternate #1: Churchill Contract 2.2 Fencing - Salvage Fencing | \$ | (8,685.00) | | N/A | N/A | N/A | \$ (6,000.00) | \$ | (6,000.00) | |
| Alternate #2: Churchill Contract 2.2 Fencing - Install Windscreens | \$ | 6,500.00 | | N/A | N/A | N/A | \$ 16,500.00 | \$ | 16,500.00 | |
| Sum of Individual Bids with Alternate: | \$ | 92,465.00 | \$ | 840,000.00 | \$ 706,065.00 | \$ 29,265.00 | \$ 935,500.00 | \$ | 627,707.50 | |
| Addendum Acknol. | 1 and 2 | | | 1 and 2 | 1 and 2 | 1 and 2 | 1 and | | | |
| Equal opportunity statement | Χ | | | Х | Χ | Х | Χ | | | |
| Sworn and notarized familial disclosure statement | | Χ | | Χ | Χ | X | Χ | | | |
| Iran sanctions statement | | Χ | | Χ | Χ | X | Χ | | | |
| Bid bond | | Χ | | Χ | Χ | X | Χ | | | |
| Price firm fordays | | | | | | | | | | |
| Terms of payment | | | | | | | | | | |
| Additional Sheets | | | | | | | | | | |
| Comments: | | | | | | | | | | |

Recorded by:
Anita Phillips

Witnessed by:
Harry Lau

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| Item No. | Unit Price Description | Drawing Reference | Unit | Michigan Fence Outlet Unit Cost - | Best Unit Cost - | Nagle Unit Cost - | Goddard Unit Cost - | Pavex Unit Cost - | AVERAGE |
|----------|---|--------------------------|------|---|---------------------|----------------------|------------------------|----------------------|----------|
| 1 | Remove and dispose of 6-inch to 8-inch concrete pavement | N/A | SF | N/A | \$1.00 | \$1.25 | N/A | \$2.00 | \$1.42 |
| 2 | Remove and dispose of 4-inch to 6-inch asphalt pavement | N/A | SF | N/A | \$0.96 | \$0.25 | N/A | \$0.70 | \$0.64 |
| 3 | Remove and dispose of 6-inch to 11-inch of gravel/subbase materials | N/A | SF | N/A | \$1.00 | \$0.52 | N/A | \$0.60 | \$0.71 |
| 4 | Remove and dispose 12-inch to 14-inch of gravel/subbase materials | N/A | SF | N/A | \$1.30 | \$0.75 | N/A | \$1.00 | \$1.02 |
| 5 | Provide 2.5-inch MDOT, HMA 3C, PG64-22 asphalt leveling course | Detail 6/10 | SF | N/A | \$2.50 | \$1.10 | N/A | \$1.50 | \$1.70 |
| 6 | Provide 1.5-inch MDOT, HMA 13A, PG64-22 asphalt wearing course | Detail 6/10 | SF | N/A | \$1.75 | \$0.65 | N/A | \$0.85 | \$1.08 |
| 7 | Provide 3-inch MDOT, HMA 3C, PG64-22 asphalt leveling course | Detail 6/30 | SF | N/A | \$2.80 | \$1.32 | N/A | \$1.65 | \$1.92 |
| 8 | Provide 2-inch MDOT, HMA 13A, PG64-22 asphalt wearing course | Detail 6/10 | SF | N/A | \$2.00 | \$0.90 | N/A | \$1.20 | \$1.37 |
| 8 | Provide MDOT 21AA limestone aggregate base course in pavement reconstruction areas | Details 6/10 and 8/10 | CY | N/A | \$35.00 | \$35.40 | N/A | \$40.00 | \$36.80 |
| 9 | Cold mill 1.5-inch and overlay with 1.5-inch MDOT, HMA 13A, PG 64-22 asphalt | Detail 7/10 | SF | N/A | \$2.50 | \$1.82 | N/A | \$1.20 | \$1.84 |
| 10 | Provide 8-inch concrete pavement, 4000 PSI compressive strength and 600 PSI flexural strength, with WWF W2.9 x W2.9 - 6 x 6 reinforcement | Detail 8/10 | SF | N/A | \$7.50 | \$8.30 | N/A | \$10.00 | \$8.60 |
| 11 | Pulverize 7-inches of asphalt pavement, leave 3-inches of pulverized pavement as base, and finish with two 2-inch lifts of new asphalt pavement | Detail 6/10 | SF | N/A | \$3.50 | \$2.05 | N/A | \$3.50 | \$3.02 |
| 12 | Provide asphalt butt joint | Detail 10/10 | LF | N/A | \$3.00 | \$5.40 | N/A | \$15.00 | \$7.80 |
| 13 | Provide sawcut control joint | Detail 11/10 | LF | N/A | \$6.00 | \$0.50 | N/A | \$2.00 | \$2.83 |
| 14 | Provide doweled contraction joint | Detail 12/10 | LF | N/A | \$18.00 | \$1.50 | N/A | \$20.00 | \$13.17 |
| 15 | Provide isolation joint | Details 13/10 and 14/10 | LF | N/A | \$12.00 | \$0.75 | N/A | \$10.00 | \$7.58 |
| 16 | Provide expansion joint in concrete pavements | Detail 15/10 | LF | N/A | \$20.00 | \$0.75 | N/A | \$5.00 | \$8.58 |
| 17 | Provide construction joint in concrete pavements | Detail 16/10 | LF | N/A | \$15.00 | \$0.50 | N/A | \$2.00 | \$5.83 |
| 18 | Provide 8-foot by 8-foot concrete box-out (collar) | Detail 17/10 | EA | N/A | \$1,000.00 | \$440.00 | N/A | \$1,500.00 | \$980.00 |
| 19 | Provide underdrain and tie-in to existing catch basin, geotextile separator fabric included. | Details 20/11 and 21/11 | LF | N/A | \$20.00 | \$16.00 | N/A | \$500.00 | \$178.67 |
| 20 | Provide Geoblock 5150 apron | Sheet 12 | SF | N/A | \$9.00 | \$11.35 | N/A | \$15.00 | \$11.78 |
| 21 | Provide Geoblock 5150 edging | Sheet 12 | SF | N/A | \$9.00 | \$8.90 | N/A | \$5.00 | \$7.63 |
| 22 | Provide turf establishment | Section 31 9000 | SF | N/A | \$0.50 | \$0.65 | N/A | \$0.66 | \$0.60 |
| 23 | Provide full depth (4-inches to 8 -inches) asphalt sawcutting | N/A | LF | N/A | \$1.00 | \$1.75 | N/A | \$1.60 | \$1.45 |
| 24 | Provide full depth (6-inches to 10 -inches) concrete sawcutting | N/A | LF | N/A | \$2.00 | \$2.50 | N/A | \$3.00 | \$2.50 |
| 25 | Remove and dispose of contaminated materials (asphalt/concrete/aggregate base/soils) | N/A | CY | N/A | \$30.00 | \$24.00 | N/A | \$50.00 | \$34.67 |
| 26 | Remove and dispose of hazardous materials (asphalt/concrete/aggregate base/soils) | N/A | CY | N/A | \$125.00 | \$50.00 | N/A | \$150.00 | \$108.33 |
| 27 | Over excavation due to soft soils, includes geogrid (TriAx TX 140) and stone and/or asphalt milling backfill 12-inches below pavement section (aggregate base and asphalt). | NA | SF | N/A | \$2.50 | \$2.60 | N/A | \$3.33 | \$2.81 |
| 28 | Over excavation due to soft soils, includes geogrid (TriAx TX 140) and stone and/or asphalt milling backfill 18-inches below pavement section (aggregate base and asphalt). | NA | SF | N/A | \$2.75 | \$3.60 | N/A | \$2.80 | \$3.05 |