PROJECT SCOPE & BUDGET

# COST ESTIMATE COMPARISON

6C.2.3 - 02

# COST ESTIMATE COMPARISON SPREADSHEET (UNIFORMAT)

## (Northeast Metropolitan Regional Vocational High School) (New Construction)

| Estimated Construction Start Date: | | | February-23 | | | February-23 | | | February-23 | | | February-23 | | | June-23 | | | XXXX | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Division # | | Description | Project Scope & Budget | | | Project Funding Agreement | | | Design Development | | | 60% CD | | | 90% CD | | | 100% CD | | |
| | | | GSF | Total Cost | Unit Cost | GSF | Total Cost | Unit Cost | GSF | Total Cost | Unit Cost | GSF | Total Cost | Unit Cost | GSF | Total Cost | Unit Cost | GSF | Total Cost | Unit Cost |
| A | | Substructure | 393,624 | $7,102,544 | $18.04 | 393,624 | $7,102,544 | $18.04 | 390,400 | $9,310,100 | $23.85 | 382,610 | $10,299,677 | $26.92 | 380,570 | $9,931,831 | $26.10 | | | #DIV/0! |
| B | | Shell | 393,624 | $47,049,999 | $119.53 | 393,624 | $47,049,999 | $119.53 | 390,400 | $48,011,461 | $122.98 | 382,610 | $51,811,917 | $135.42 | 380,570 | $51,259,329 | $134.69 | 0 | 0 | #DIV/0! |
| | B10 | Superstructure | 393,624 | $22,922,963 | $58.24 | 393,624 | $22,922,963 | $58.24 | 390,400 | $26,175,691 | $67.05 | 382,610 | $26,264,560 | $68.65 | 380,570 | $25,705,534 | $67.54 | 0 | | #DIV/0! |
| | B20 | Exterior Enclosure | 393,624 | $18,244,496 | $46.35 | 393,624 | $18,244,496 | $46.35 | 390,400 | $18,812,993 | $48.19 | 382,610 | $19,869,936 | $51.93 | 380,570 | $19,682,478 | $51.72 | 0 | 0 | #DIV/0! |
| | | B2010 Exterior Walls | 393,624 | $17,286,796 | $43.92 | 393,624 | $17,286,796 | $43.92 | 390,400 | $17,069,593 | $43.72 | 382,610 | $13,057,274 | $34.13 | 380,570 | $12,885,602 | $33.86 | 0 | | #DIV/0! |
| | | B2020 Exterior Windows | 393,624 | $79,800 | $0.20 | 393,624 | $79,800 | $0.20 | 390,400 | $1,309,750 | $3.35 | 382,610 | $6,207,882 | $16.23 | 380,570 | $6,222,900 | $16.35 | 0 | | #DIV/0! |
| | | B2030 Exterior Doors | 393,624 | $877,900 | $2.23 | 393,624 | $877,900 | $2.23 | 390,400 | $433,650 | $1.11 | 382,610 | $604,780 | $1.58 | 380,570 | $573,976 | $1.51 | 0 | | #DIV/0! |
| | B30 | Roofing | 393,624 | $5,882,540 | $14.94 | 393,624 | $5,882,540 | $14.94 | 390,400 | $3,022,777 | $7.74 | 382,610 | $5,677,421 | $14.84 | 380,570 | $5,871,317 | $15.43 | 0 | | #DIV/0! |
| C | | Interiors | 393,624 | $27,712,012 | $70.40 | 393,624 | $27,712,012 | $70.40 | 390,400 | $31,224,017 | $79.98 | 382,610 | $31,211,107 | $81.57 | 380,570 | $30,114,189 | $79.13 | 0 | | #DIV/0! |
| D | | Services | 393,624 | $49,488,001 | $125.72 | 393,624 | $49,488,001 | $125.72 | 390,400 | $56,060,068 | $143.60 | 382,610 | $59,885,785 | $156.52 | 380,570 | $63,911,143 | $167.94 | 0 | 0 | #DIV/0! |
| | D10 | Conveying | 393,624 | $495,000 | $1.26 | 393,624 | $495,000 | $1.26 | 390,400 | $735,000 | $1.88 | 382,610 | $885,000 | $2.31 | 380,570 | $955,775 | $2.51 | 0 | | #DIV/0! |
| | D20 | Plumbing | 393,624 | $6,718,112 | $17.07 | 393,624 | $6,718,112 | $17.07 | 390,400 | $7,061,422 | $18.09 | 382,610 | $7,929,280 | $20.72 | 380,570 | $8,043,655 | $21.14 | 0 | | #DIV/0! |
| | D30 | HVAC | 393,624 | $22,233,115 | $56.48 | 393,624 | $22,233,115 | $56.48 | 390,400 | $27,553,542 | $70.58 | 382,610 | $28,027,560 | $73.25 | 380,570 | $29,610,372 | $77.81 | 0 | | #DIV/0! |
| | D40 | Fire Protection | 393,624 | $2,257,047 | $5.73 | 393,624 | $2,257,047 | $5.73 | 390,400 | $2,998,525 | $7.68 | 382,610 | $2,972,079 | $7.77 | 380,570 | $3,922,083 | $10.31 | 0 | | #DIV/0! |
| | D50 | Electrical | 393,624 | $17,784,727 | $45.18 | 393,624 | $17,784,727 | $45.18 | 390,400 | $17,711,579 | $45.37 | 382,610 | $20,071,866 | $52.46 | 380,570 | $21,379,258 | $56.18 | 0 | | #DIV/0! |
| E | | Furnishings & Fixed Equipment | 393,624 | $4,160,050 | $10.57 | 393,624 | $4,160,050 | $10.57 | 390,400 | $5,365,398 | $13.74 | 382,610 | $6,194,950 | $16.19 | 380,570 | $5,958,253 | $15.66 | 0 | | #DIV/0! |
| | | **Building Subtotal** | **393,624** | **$135,512,606** | **$344** | **393,624** | **$135,512,606** | **$344** | **390,400** | **$149,971,044** | **$384.15** | **382,610** | **$159,403,436** | **$416.62** | **380,570** | **$161,174,745** | **$423.51** | **0** | **0** | **#DIV/0!** |
| F | | Special Construction & Demo | 393,624 | $3,702,853 | $9.41 | 393,624 | $3,702,853 | $9.41 | 390,400 | $4,461,772 | $11.43 | 382,610 | $3,761,772 | $9.83 | 380,570 | $5,139,437 | $13.50 | 0 | | #DIV/0! |
| G | | Other Site Construction | 393,624 | $39,174,607 | $99.52 | 393,624 | $39,174,607 | $99.52 | 390,400 | $37,825,049 | $96.89 | 382,610 | $40,817,281 | $106.68 | 380,570 | $33,346,711 | $87.62 | 0 | 0 | #DIV/0! |
| | G10 | Site Preparation | 393,624 | $12,235,063 | $31.08 | 393,624 | $12,235,063 | $31.08 | 390,400 | $15,804,536 | $40.48 | 382,610 | $18,360,562 | $47.99 | 380,570 | $12,752,385 | $33.51 | 0 | | #DIV/0! |
| | G20 | Site Improvements | 393,624 | $12,583,194 | $31.97 | 393,624 | $12,583,194 | $31.97 | 390,400 | $10,492,116 | $26.88 | 382,610 | $11,213,411 | $29.31 | 380,570 | $11,748,234 | $30.87 | 0 | | #DIV/0! |
| | G30 | Mechanical Utilities | 393,624 | $8,046,500 | $20.44 | 393,624 | $8,046,500 | $20.44 | 390,400 | $7,768,547 | $19.90 | 382,610 | $6,730,279 | $17.59 | 380,570 | $4,699,674 | $12.35 | 0 | | #DIV/0! |
| | G40 | Electrical Utilities | 393,624 | $2,090,718 | $5.31 | 393,624 | $2,090,718 | $5.31 | 390,400 | $3,759,850 | $9.63 | 382,610 | $4,513,029 | $11.80 | 380,570 | $4,146,418 | $10.90 | 0 | | #DIV/0! |
| | | **Subtotal** | **393,624** | **$178,390,066** | **$453** | **393,624** | **$178,390,066** | **$453** | **390,400** | **$192,257,865** | **$492.46** | **382,610** | **$203,982,489** | **$533.13** | **380,570** | **$199,660,893** | **$524.64** | **0** | **0** | **#DIV/0!** |
| Z | | Mark-Ups | 393,624 | $46,982,941 | 26.3% | 393,624 | $46,982,941 | 26.3% | 390,400 | $40,648,932 | 21.1% | 382,610 | $35,833,556 | 17.6% | 380,570 | $43,259,640 | 21.7% | 0 | #REF! | #REF! |
| Z | | Insurance | 393,624 | $4,626,775 | 2.6% | 393,624 | $4,626,775 | 2.6% | 390,400 | $4,026,775 | 2.1% | 382,610 | $1,592,163 | 0.8% | 380,570 | $9,051,901 | 4.5% | 0 | #REF! | #REF! |
| Z | | Subcontractor Bonds | 393,624 | $2,624,843 | 1.5% | 393,624 | $2,624,843 | 1.5% | 390,400 | $2,534,944 | 1.3% | 382,610 | $2,621,889 | 1.3% | 380,570 | $2,527,443 | 1.3% | 0 | #REF! | #REF! |
| Z | | GC Bonds | 393,624 | $0 | 0.0% | 393,624 | $0 | 0.0% | 390,400 | $0 | 0.0% | 382,610 | $0 | 0.0% | 380,570 | $0 | 0.0% | 0 | #REF! | #REF! |
| Z | | Design & Pricing Contingency<br>**PMA Note: Incl. GMP Contingency** | 393,624 | $18,810,231 | 10.5% | 393,624 | $18,810,231 | 10.5% | 390,400 | $13,150,488 | 6.8% | 382,610 | $10,682,779 | 5.2% | 380,570 | $8,406,055 | 4.2% | 0 | #REF! | #REF! |
| Z | | General Conditions | 393,624 | $16,731,565 | 9.4% | 393,624 | $16,731,565 | 9.4% | 390,400 | $16,731,565 | 8.7% | 382,610 | $16,731,565 | 8.2% | 380,570 | $19,069,081 | 9.6% | 0 | #REF! | #REF! |
| Z | | Overhead & Profit | 393,624 | $4,189,527 | 2.3% | 393,624 | $4,189,527 | 2.3% | 390,400 | $4,205,160 | 2.2% | 382,610 | $4,205,160 | 2.1% | 380,570 | $4,205,160 | 2.1% | 0 | #REF! | #REF! |
| | | **Construction Subtotal** | **393,624** | **$225,373,007** | **$573** | **393,624** | **$225,373,007** | **$573** | **390,400** | **$232,906,797** | **$596.59** | **382,610** | **$239,816,045** | **$626.79** | **380,570** | **$242,920,533** | **$638.31** | **0** | **#REF!** | **#REF!** |
| Z | | Escalation to Construction Mid-Point | 393,624 | $18,218,085 | 10.2% | 393,624 | $18,218,085 | 10.2% | 390,400 | $11,297,073 | 5.9% | 382,610 | $9,408,691 | 4.6% | 380,570 | $6,134,575 | 3.1% | 0 | #REF! | #REF! |
| | | **Total Addition Cost** | **393,624** | **$243,591,092** | | **393,624** | **$243,591,092** | | **390,400** | **$244,203,870** | | **382,610** | **$249,224,736** | | **380,570** | **$249,055,108** | | **0** | **#REF!** | |
| | | **$/GSF** | | **$619** | | | **$619** | | | **$626** | | | **$651** | | | **$654** | | | **#REF!** | |

| | Alternates | Value |
|---|---|---|
| 1 | Add Locker/Athletic Support Building | $ 3,361,548.00 |
| 2 | Additional Seating Capacity (add 500 seats) | $ 344,819.00 |
| 3 | Add Concessions/Toilet Building | $ 1,436,510.00 |
| 4 | Add Irrigated Softball Field | $ 810,462.00 |
| 5 | Add Irrigated Softball Field/Multi-Purpose Field | $ 1,184,585.00 |
| 6 | Add Maintenance Building | $ 2,386,751.00 |

MSBA TEMPLATE (UNIFORMAT), REVISED 5-13-2010

# COST ESTIMATE COMPARISON SPREADSHEET (CSI FORMAT)

| (Northeast Metropolitan Regional Vocational High School) (New Construction) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Estimated Construction Start Date:** | 2/27/2023 | | | 6/19/2023 | | | XXXX | | | XXXX | | |
| | 60% CD | | | 90% CD | | | 100% CD | | | Bid Data | | |
| Description | GSF | Total Cost | Unit Cost | GSF | Total Cost | Unit Cost | GSF | Total Cost | Unit Cost | GSF | Total Cost | Unit Cost |
| **General Requirements Subgroup** | | | | | | | | | | | | |
| 1 General Requirements | 382610 | 8,519,059 | $22.27 | 380570 | 9,381,490 | $24.65 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| Insurance | 382610 | 1,592,163 | $4.16 | 380570 | 9,051,901 | $23.79 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| Subcontractor Bonds | 382610 | 2,621,889 | $6.85 | 380570 | 2,527,443 | $6.64 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| GC Bonds | 382610 | 0 | $0.00 | 380570 | 0 | $0.00 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| Design & Pricing Contingency **PMA Note: Incl. GMP Contingency** | 382610 | 10,682,779 | $27.92 | 380570 | 8,406,055 | $22.09 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| General Conditions | 382610 | 9,687,506 | $25.32 | 380570 | 9,687,591 | $25.46 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| Overhead & Profit | 382610 | 4,205,160 | $10.99 | 380570 | 4,205,160 | $11.05 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| **Facilities Construction Subgroup** | | | | | | | | | | | | |
| 2 Existing Conditions | 382610 | 5,298,953 | $13.85 | 380570 | 5,456,274 | $14.34 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 3 Concrete | 382610 | 11,349,286 | $29.66 | 380570 | 11,408,837 | $29.98 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 4 Masonry | 382610 | 8,048,893 | $21.04 | 380570 | 7,492,821 | $19.69 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 5 Metals | 382610 | 21,340,676 | $55.78 | 380570 | 21,999,997 | $57.81 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 6 Wood, Plastics and Composites | 382610 | 3,108,888 | $8.13 | 380570 | 3,064,761 | $8.05 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 7 Thermal & Moisture Protection | 382610 | 16,212,191 | $42.37 | 380570 | 15,981,455 | $41.99 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 8 Openings | 382610 | 10,211,161 | $26.69 | 380570 | 10,174,962 | $26.74 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 9 Finishes | 382610 | 21,198,957 | $55.41 | 380570 | 20,823,131 | $54.72 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 10 Specialties | 382610 | 1,766,029 | $4.62 | 380570 | 1,704,023 | $4.48 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 11 Equipment | 382610 | 4,222,900 | $11.04 | 380570 | 4,051,304 | $10.65 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 12 Furnishings | 382610 | 710,668 | $1.86 | 380570 | 881,423 | $2.32 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 13 Special Construction | 382610 | 153,150 | $0.40 | 380570 | 0 | $2.51 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 14 Conveying | 382610 | 885,000 | $2.31 | 380570 | 955,775 | $10.31 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| **Facilities Services Subgroup** | | | | | | | | | | | | |
| 21 Fire Suppression | 382610 | 2,972,079 | $7.77 | 380570 | 3,922,083 | $77.81 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 22 Plumbing | 382610 | 7,929,280 | $20.72 | 380570 | 8,046,999 | $48.49 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 23 HVAC | 382610 | 28,027,560 | $73.25 | 380570 | 29,610,372 | $8.92 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 25 Integrated Automation | 382610 | 0 | $0.00 | 380570 | 0 | $7.38 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 26 Electrical | 382610 | 18,511,138 | $48.38 | 380570 | 18,453,277 | $44.09 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 27 Communications | 382610 | 3,727,249 | $9.74 | 380570 | 3,394,546 | $20.89 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 28 Electrionic Safety and Security | 382610 | 2,346,508 | $6.13 | 380570 | 2,809,638 | $12.35 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| **Site and Infrastructure Subgroup** | | | | | | | | | | | | |
| 31 Earthwork | 382610 | 18,706,035 | $48.89 | 380570 | 16,778,946 | $44.09 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 32 Exterior Improvements | 382610 | 9,050,609 | $23.65 | 380570 | 7,950,595 | $20.89 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 33 Utilities | 382610 | 6,730,279 | 1759.0% | 380570 | 4,699,674 | $12.35 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 34 Transportation | 382610 | 0 | 0.0% | 380570 | 0 | $0.00 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| 35 Waterway and Marine Construction | 382610 | 0 | $0.00 | 380570 | 0 | $0.00 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| **Construction Subtotal** | 382610 | 239,816,045 | $626.79 | 380570 | ######### | $638.31 | 0 | 0 | #DIV/0! | 0 | 0 | #DIV/0! |
| Escalation to Construction Mid-Point | 382610 | 9,408,691 | $24.59 | 380570 | 6,134,575 | $16.12 | 0 | | #DIV/0! | 0 | | #DIV/0! |
| **Total Cost** | **382610** | **249,224,736** | | **380570** | **#########** | | **0** | **0** | | **0** | **0** | |
| **$/GSF** | | **$651** | | | **$654** | | | **#DIV/0!** | | | **#DIV/0!** | |

| | Alternates | Value |
|---|---|---|
| 1 | Add Locker/Athletic Support Building | $ 3,361,548.00 |
| 2 | Additional Seating Capacity (add 500 seats) | $ 344,819.00 |
| 3 | Add Concessions/Toilet Building | $ 1,436,510.00 |
| 4 | Add Irrigated Softball Field | $ 810,462.00 |
| 5 | Add Irrigated Softball/Multi-Purpose Field | $ 1,184,585.00 |
| 6 | Add Maintenance Building | $ 2,386,751.00 |

1 60% Construction Document costs are based on , 2010 dollars.
2 100% Construction Document costs are based on , 2010 dollars.
3 Bid costs are based on , 2010 dollars.

MSBA TEMPLATE (CSI FORMAT), REVISED 5-13-2010