



March 7, 2018

Mr. Phillip Francis  
Director of Operations  
Livonia Public Schools  
15125 Farmington Road  
Livonia, MI 48154

RE: Contract Award Recommendation for Construction Bids – Balance of Awards  
Buchanan Elementary School + Entryway / Webster Elementary School + Entryway  
Jackson Early Childhood Center + Entryway / Livonia Career Technical Center + Entryway  
Entryways at Churchill / Garfield / Niji-Iro / Administration Building

Dear Mr. Francis:

This letter transmits an update from Plante Moran Cresa (PMC) as it relates to the assignment to assist and advise Livonia Public Schools (LPS) in its selection of Prime Contractors for the Projects listed above. This update represents the mutual efforts of PMC, George W. Auch Co., French Associates, and LPS administration and staff (the Bond Team) to present a framework in order to identify, evaluate and recommend Prime Contractor firms for this Project.

On February 1, 2018, Construction Documents were formally issued and made available for the purpose of re-bidding the Masonry and Rough & Finish Carpentry bid categories. An advertisement for bids was published in a local newspaper and also posted to the required State of Michigan websites.

On February 16, 2018, four (4) bid proposals were received for these bid categories, and over the next several weeks were reviewed to determine the budget implications. Interviews were held during this period and were attended by various members of the Bond Team. In addition, the Bond Team reviewed several cost saving possibilities that could be considered if desired by LPS.

Upon completion of the interviews, and after subsequent clarifications and discussions, the Bond Team is recommending the firms listed in George W. Auch Co.'s Award Recommendation Letter dated March 5, 2018 for contract award.

Including hard construction, CM fees and costs, and construction contingency dollars, the current Project award recommendation equals \$1,425,824.00. This includes hard construction for the Masonry and Rough & Finish Carpentry packages in the amount of \$1,512,040.00 as well as a reduction in the project contingency of <\$86,216.00> (for a total of 7% of the overall hard construction cost).

The REVISED TOTAL project award recommendation equals \$13,833,809.00 and is inclusive of Hard Construction of \$12,218,917.00 (which includes Alternates A-1CTC, A-2CTC, A-1JA, and A-1BU as noted in our letter dated February 9, 2018), CM Fees and Cost of \$759,569.00, and a Construction Contingency of \$855,323.00.

For the Prime Contractors, the costs for this work will be detailed in AIA Contract A132 – 2009 Standard Form of Agreement between Owner and Contractor. The CM costs and fees will be detailed in Amendment #12 to AIA – C132 – 2009 Standard Form of Agreement between Owner and Construction Manager, both pending final review and approval by district legal counsel.

The Project Team is available at the Board's convenience to answer any questions regarding bidding, the proposals, interview process, or the recommendations of the Bond Team. Please direct all questions through me via email.

Sincerely,

PLANTE MORAN CRESA



Scott Smith, LEED AP  
Senior Consultant

Enclosures:     Budget Summary  
                   Award Recommendation Letter  
                   Summary of Costs & Building Breakdowns  
                   Bid Tabulations

## SUMMER 2018 &amp; ENTRYWAY CONSTRUCTION - BUDGET SUMMARY

| <b>Building</b>                          | <b>Hard Construction</b> |                      |                       |
|--|--------------------------|----------------------|-----------------------|
|  | <b>Budget</b>            | <b>Actual</b>        | <b>Variance</b>       |
| Buchanan Elementary                      | \$ 930,876               | \$ 1,159,549         | \$ (228,673)          |
| Webster Elementary                       | \$ 2,792,628             | \$ 3,874,735         | \$ (1,082,107)        |
| Jackson Early Childhood Center           | \$ 2,351,977             | \$ 3,692,082         | \$ (1,340,105)        |
| Livonia Career Technical Center          | \$ 3,271,837             | \$ 2,929,205         | \$ 342,632            |
| Entryways (CHS/Garfield/Niji-Iro/Admin.) | \$ 1,244,025             | \$ 563,346           | \$ 680,679            |
| <b>Totals</b>                            | <b>\$ 10,591,343</b>     | <b>\$ 12,218,917</b> | <b>\$ (1,627,574)</b> |

| <b>Building</b>                          | <b>CM Fees/Costs</b> |                   |                  |
|--|----------------------|-------------------|------------------|
|  | <b>Budget</b>        | <b>Actual</b>     | <b>Variance</b>  |
| Buchanan Elementary                      | \$ 74,534            | \$ 84,337         | \$ (9,803)       |
| Webster Elementary                       | \$ 223,410           | \$ 213,814        | \$ 9,596         |
| Jackson Early Childhood Center           | \$ 188,158           | \$ 214,350        | \$ (26,192)      |
| Livonia Career Technical Center          | \$ 261,747           | \$ 181,547        | \$ 80,200        |
| Entryways (CHS/Garfield/Niji-Iro/Admin.) | \$ 94,575            | \$ 65,521         | \$ 29,054        |
| <b>Totals</b>                            | <b>\$ 842,424</b>    | <b>\$ 759,569</b> | <b>\$ 82,855</b> |

| <b>Building</b>                          | <b>Construction Contingency (7%)</b> |                   |                 |
|--|--------------------------------------|-------------------|-----------------|
|  | <b>Budget</b>                        | <b>Actual</b>     | <b>Variance</b> |
| Buchanan Elementary                      | \$ 74,470                            | \$ 81,168         | \$ (6,698)      |
| Webster Elementary                       | \$ 221,383                           | \$ 271,231        | \$ (49,848)     |
| Jackson Early Childhood Center           | \$ 188,543                           | \$ 258,446        | \$ (69,903)     |
| Livonia Career Technical Center          | \$ 260,187                           | \$ 205,044        | \$ 55,143       |
| Entryways (CHS/Garfield/Niji-Iro/Admin.) | \$ 116,400                           | \$ 39,434         | \$ 76,966       |
| <b>Totals</b>                            | <b>\$ 860,983</b>                    | <b>\$ 855,323</b> | <b>\$ 5,660</b> |

| <b>Building</b>                          | <b>Total Project Costs</b> |                      |                       |
|--|----------------------------|----------------------|-----------------------|
|  | <b>Budget</b>              | <b>Actual</b>        | <b>Variance</b>       |
| Buchanan Elementary                      | \$ 1,079,880               | \$ 1,325,054         | \$ (245,174)          |
| Webster Elementary                       | \$ 3,237,421               | \$ 4,359,780         | \$ (1,122,359)        |
| Jackson Early Childhood Center           | \$ 2,728,678               | \$ 4,164,878         | \$ (1,436,200)        |
| Livonia Career Technical Center          | \$ 3,793,771               | \$ 3,315,796         | \$ 477,975            |
| Entryways (CHS/Garfield/Niji-Iro/Admin.) | \$ 1,455,000               | \$ 668,301           | \$ 786,699            |
| <b>Totals</b>                            | <b>\$ 12,294,750</b>       | <b>\$ 13,833,809</b> | <b>\$ (1,539,059)</b> |

\*\* The Bond Team is recommending an additional \$300,000 be transferred from the Sinking Fund to the Bond Fund to augment the costs associated with the entryway elements at Niji-Iro Elementary and the Administration Building

**AUCH Construction**

General Contractors / Construction Managers

P.O. Box 430719 (48343-0719)  
 735 S. Paddock Street  
 Pontiac, Michigan 48341-3241

(248) 334-2000 Fax (248) 334-3404

Since 1908



March 5, 2018

Phillip M. Francis  
 Director of Operations  
 Livonia Public Schools  
 15125 Farmington Road  
 Livonia, MI 48154

**RE: Recommendation for Award – 02 (Proposal E - Masonry & Proposal F – Rough & Finish Carpentry)  
 Building Renovations – Summer 2018 Projects + Entry Archways  
 GWA Project No. 8666, 8667, 8668, 8669, 8670**

Dear Mr. Francis,

We have complete the review of the bids for Proposal E – Masonry and Proposal F – Rough & Finish Carpentry received on February 16<sup>th</sup>, 2018 for the Building Renovations – Summer 2018 Projects at Buchanan Elementary, Webster Elementary, Jackson Early Childhood, Career Technical Center, and the Entry Archways at Churchill High School, Livonia Administrative Offices, Garfield Community School, and Niji-Iro Elementary School per the documents prepared by French Associates. AUCH Construction is pleased to present the recommendations for award of contracts per the attached schedule. We recommend awarding to the low responsive bidders with the complete bid scope.

Enclosed are the bid tabulation sheets and a copy of the complete bid recommendation summary. If you have any questions, please do not hesitate to contact me.

In summary, we are currently recommending to award contracts to the low responsive bidders for the Buchanan, Webster, Jackson, Career Tech Center and Entry Archway Scope of work for a combined hard construction total in the amount of **\$1,512,040** to be added to the previous awarded total of \$10,706,877. With the award of the current recommendation, this brings the combined project hard construction total to \$12,218,917.

We are requesting a contract amendment for the above reference scope of work for construction management staffing, general conditions/reimbursable and fee in the combined total amount of \$759,569.

We are recommending that contingency be reduced from the previous awarded \$941,539 to \$855,323 for a difference of **<\$86,216>**.

The current hard construction recommendation of \$1,512,040 minus the contingency reduction of **<\$86,216>** totals: **\$1,425,824**. This brings the complete combined project total to \$13,833,809.

Very truly yours,

**AUCH Construction**

Mitch DeLange, CM-BIM, CDT  
 Project Manager

Enclosure

CC: Paul Theriault, Scott Smith – Plante Moran CRESA  
 Jeff Hamilton – George W. Auch Co.  
 Keti Mitevaska – French Associates

| COMPANY   | SPECIFICATION SECTION | TRADE   | BASE BID (by School) | ALTERNATES | TOTAL AMOUNT      |
|---|-----------------------|---|----------------------|------------|-------------------|
| <b>Leidal &amp; Hart Mason Contractors, Inc.</b><br>12100 Globe Street<br>Livonia, MI 48150<br>PH: (734) 522-2400<br>FX: (734) 522-8650<br>Contact: Anthony Coppola | Division 1            | <b>PROPOSAL E: Masonry</b><br>General Requirements<br>Selective Demolition (as pertinent)<br>Unit Masonry<br>Glass Unit Masonry<br>Metal Fabrications (as pertinent)<br>Bituminous Dampproofing<br>Elastomeric Sheet Waterproofing<br>Thermal Insulation (as pertinent)<br>Sheet Metal Flashing and Trim<br>Penetration Firestopping and Smoke Stopping Systems<br>Joint Sealants<br>Hollow Metal Doors and Frames (install only) |                      |            |                   |
|   | Section 02 41 19      |   |                      |            |                   |
|   | Section 04 20 00      |   |                      |            |                   |
|   | Section 04 23 00      |   |                      |            |                   |
|   | Section 05 50 00      |   |                      |            |                   |
|   | Section 07 11 13      |   |                      |            |                   |
|   | Section 07 13 53      |   |                      |            |                   |
|   | Section 07 21 00      |   |                      |            |                   |
|   | Section 07 62 00      |   |                      |            |                   |
|   | Section 07 84 13      |   |                      |            |                   |
|   |                       |   |                      |            |                   |
|   |                       | <b>Buchanan Elementary School - Base Bid</b>  | \$ 33,000            |            | <b>\$ 33,000</b>  |
|   |                       | <b>Webster Elementary School - Base Bid</b>   | \$ 159,700           |            | <b>\$ 159,700</b> |
|   |                       | <b>Jackson Early Childhood - Base Bid</b>   | \$ 163,900           |            | <b>\$ 163,900</b> |
|   |                       | <b>Livonia Career Tech Center - Base Bid</b>  | \$ 52,000            |            | <b>\$ 52,000</b>  |
|   |                       | Total Combined Amount   |                      |            | \$ 408,600        |
| <b>Baker Construction</b><br>7936 M-36<br>Whitmore Lake, MI 48189<br>PH: (810) 231-6913<br>FX: (810) 231-6616<br>Contact: Robin Quiambao                            | Division 1            | <b>PROPOSAL E: Masonry</b><br>General Requirements<br>Selective Demolition (as pertinent)<br>Unit Masonry<br>Glass Unit Masonry<br>Metal Fabrications (as pertinent)<br>Bituminous Dampproofing<br>Elastomeric Sheet Waterproofing<br>Thermal Insulation (as pertinent)<br>Sheet Metal Flashing and Trim<br>Penetration Firestopping and Smoke Stopping Systems<br>Joint Sealants<br>Hollow Metal Doors and Frames (install only) |                      |            |                   |
|   | Section 02 41 19      |   |                      |            |                   |
|   | Section 04 20 00      |   |                      |            |                   |
|   | Section 04 23 00      |   |                      |            |                   |
|   | Section 05 50 00      |   |                      |            |                   |
|   | Section 07 11 13      |   |                      |            |                   |
|   | Section 07 13 53      |   |                      |            |                   |
|   | Section 07 21 00      |   |                      |            |                   |
|   | Section 07 62 00      |   |                      |            |                   |
|   | Section 07 84 13      |   |                      |            |                   |
|   |                       |   |                      |            |                   |
|   |                       | <b>District Wide Entry Archways - Base Bid</b>  | \$ 80,800            |            | <b>\$ 80,800</b>  |
|   |                       | Total Combined Amount   |                      |            | \$ 80,800         |

|   |  |  |            |  |                   |
|---|--|--|------------|--|-------------------|
| <b>Diversified Construction Specialists, Inc.</b><br>2141 Austin Ave.<br>Rochester Hills, MI 48309<br>PH: (248) 293-0066<br>FX: (248) 293-0077<br>Contact: Ron Slaght | Division 1<br>Section 06 10 00<br>Section 06 40 23<br>Section 07 92 00<br>Section 08 11 13<br>Section 08 14 16<br>Section 08 72 00<br>Section 12 32 10 | <b>PROPOSAL F: Rough &amp; Finish Carpentry</b><br>General Requirements<br>Rough Carentry<br>Interior Architectural Woodwork (Custom-Built Millwork)<br>Joint Sealants (as pertinent)<br>Hollow Metal Doors and Frames<br>Flush Wood Doors<br>Door Hardware<br>Instrumental Cabinet Casework |            |  |                   |
|   |  | <b>Buchanan Elementary School - Base Bid</b>   | \$ 47,600  |  | \$ <b>47,600</b>  |
|   |  | <b>Webster Elementary School - Base Bid</b>  | \$ 445,230 |  | \$ <b>445,230</b> |
|   |  | <b>Jackson Early Childhood - Base Bid</b>  | \$ 381,340 |  | \$ <b>381,340</b> |
|   |  | <b>Livonia Career Tech Center - Base Bid</b>   | \$ 148,470 |  | \$ <b>148,470</b> |
|   |  | Total Combined Amount  |            |  | \$ 1,022,640      |

|  |                     |
|--|---------------------|
| <b>TOTAL CONTRACT AWARD FOR BUILDING RENOVATIONS - SUMMER 2018 PROJECTS<br/>                 PROPOSAL E - MASONRY &amp; PROPOSAL F - ROUGH &amp; FINISH CARPENTRY:</b> | <b>1,512,040.00</b> |
|--|---------------------|



## Leidal & Hart Mason Contractors, Inc.

12100 Globe Street • Livonia, MI 48150

(734) 522-2400 • Fax (734) 522-8650

March 5, 2018

Mr. Mitch DeLange  
Project Manager  
George W. Auch Company  
735 S. Paddock Street  
Pontiac, MI 48341

Reference: Livonia Publish Schools  
Building Renovations – Summer 2018 Projects  
Proposal E: Masonry

Subject: Acknowledgement of Bid Addenda

Mr. DeLange:

Please accept this letter as acknowledgement of the bid addenda listed below for the Livonia Public Schools Building Renovation – Summer 2018 Project.

- #1 dated 1/19/18
- #2 dated 1/24/18
- #3 dated 1/31/18
- #4 dated 2/2/18

Regards,

LEIDAL & HART MASON CONTRACTORS, INC.

Anthony Coppola  
Vice President of Operations



Livonia Public Schools  
 Building Renovations - Summer 2018 Projects + Entry Archways  
 UPDATE: March 5th, 2018



| Project No.   | School:                    | Previous Project Award<br>Hard Construction | Current Project Award<br>Hard Construction | Combined Hard<br>Construction Total: |
|---|----------------------------|---|--|--------------------------------------|
| 8666  | Buchanan Elementary School | \$ 1,078,949                                | \$ 80,600                                  | \$ 1,159,549                         |
| 8667  | Webster Elementary School  | \$ 3,269,805                                | \$ 604,930                                 | \$ 3,874,735                         |
| 8668  | Jackson Early Childhood    | \$ 3,146,842                                | \$ 545,240                                 | \$ 3,692,082                         |
| 8669  | Career Tech Center         | \$ 2,728,735                                | \$ 200,470                                 | \$ 2,929,205                         |
| 8670  | District Entry Archways    | \$ 482,546                                  | \$ 80,800                                  | \$ 563,346                           |
|   | <b>Subtotal</b>            | <b>\$ 10,706,877</b>                        | <b>\$ 1,512,040</b>                        | <b>\$ 12,218,917</b>                 |
| Combined Auch Staffing                                  |                            |   |  | \$ 405,754                           |
| Combined Auch GCs/CM Reimb.                             |                            |   |  | \$ 132,397                           |
| Combined Auch Fee                                       |                            |   |  | \$ 221,418                           |
| Previous Combined Contingency                           |                            |   |  | \$ 941,539                           |
| Contingency Reduction                                   |                            |   |  | \$ (86,216)                          |
| Current Combined Contingency                            |                            |   |  | \$ 855,323                           |
| Total Previous Project Award                            |                            |   |  | \$ 12,407,985                        |
| Total Current Project Award minus Contingency Reduction |                            |   |  | \$ 1,425,824                         |
| <b>Combined Project Total</b>                           |                            |   |  | <b>\$ 13,833,809</b>                 |





Livonia Public Schools  
**Buchanan Elementary School - Building Renovations**  
 Bid Summary / Contract Recommendation  
 GWA #8666  
 March 5th, 2018



| Trade Proposal                    | Contractor                             | Previous Base Bid Total | Previous Alternate Total | Current Base Bid Total | Total Amount |
|-----------------------------------|--|-------------------------|--------------------------|------------------------|--------------|
| Selective Demolition              | DKI, International                     | \$ 33,000               |                          |                        | \$ 33,000    |
| Concrete Flatwork                 | Hartwell Cement Company                | \$ 28,950               |                          |                        | \$ 28,950    |
| Foundations                       | CI Contracting                         | \$ 10,460               |                          |                        | \$ 10,460    |
| Structural Steel / Metal Fab.     | Zak Welding & Custom Work              | \$ 34,617               |                          |                        | \$ 34,617    |
| Masonry                           | Leidal & Hart Mason Contractors        | \$ -                    |                          | \$ 33,000              | \$ 33,000    |
| Rough/Finish Carpentry            | Diversified Construction               | \$ -                    |                          | \$ 47,600              | \$ 47,600    |
| Roofing / Metal Panels            | JD Candler Roofing                     | \$ 2,450                |                          |                        | \$ 2,450     |
| Glass & Glazing                   | Lansing Glass                          | \$ 29,500               |                          |                        | \$ 29,500    |
| Gypsum Wall Assemblies            | DTS Contracting                        | \$ 5,000                |                          |                        | \$ 5,000     |
| Direct Applied / Plaster          | N/A                                    | \$ -                    |                          |                        | \$ -         |
| Acoustical Ceilings               | R.E. Leggette Company                  | \$ 14,500               |                          |                        | \$ 14,500    |
| Hard Tile                         | Empire Tile                            | \$ 19,000               |                          |                        | \$ 19,000    |
| Resilient Flooring                | City Carpet & Flooring, Inc.           | \$ 55,765               |                          |                        | \$ 55,765    |
| Painting                          | DTS Contracting***                     | \$ 44,000               |                          |                        | \$ 55,500    |
|                                   | Alternate A-1BU - Paint Interior Doors |                         | \$ 11,500                |                        |              |
| Visual Display Boards             | Cig Jan Products                       | \$ 14,375               |                          |                        | \$ 14,375    |
| Signage                           | DMP Signage                            | \$ 2,400                |                          |                        | \$ 2,400     |
| Toilet Partitions/Accessories     | R.E. Leggette Company                  | \$ 15,895               |                          |                        | \$ 15,895    |
| Metal Lockers                     | N/A                                    | \$ -                    |                          |                        | \$ -         |
| Window Treatments                 | The Rose Collection                    | \$ 10,900               |                          |                        | \$ 10,900    |
| Movable Partitions                | N/A                                    | \$ -                    |                          |                        | \$ -         |
| Plumbing                          | Oakland Plumbing                       | \$ 21,525               |                          |                        | \$ 21,525    |
| HVAC Mechanical                   | Gee & Missler                          | \$ 392,900              |                          |                        | \$ 392,900   |
| Testing, Adjusting, and Balancing | Barmatic Inspection Co.                | \$ 3,600                |                          |                        | \$ 3,600     |
| Electrical                        | Green Line Electric                    | \$ 325,000              |                          |                        | \$ 325,000   |
| Chain Link Fence                  | Motor City Fence                       | \$ 3,612                |                          |                        | \$ 3,612     |
| Overhead Doors                    | N/A                                    | \$ -                    |                          |                        | \$ -         |
| Subtotal:                         |  | \$ 1,067,449            | \$ 11,500                | \$ 80,600              | \$ 1,159,549 |

|                                   |              |
|-----------------------------------|--------------|
| Subtotal Hard Construction Costs: | \$ 1,159,549 |
| Auch CM Staffing                  | \$ 37,240    |
| Auch CM GC's/Reimb.               | \$ 25,920    |
| Auch CM Fee                       | \$ 21,177    |
| Project Contingency (7%)          | \$ 81,168    |

|                                 |                     |
|---------------------------------|---------------------|
| <b>Previous Project Award:</b>  | <b>\$ 1,251,744</b> |
| <b>Projected Project Award:</b> | <b>\$ 80,600</b>    |
| <b>Contingency Reduction:</b>   | <b>\$ (7,290)</b>   |

|                                |                     |
|--------------------------------|---------------------|
| <b>Buchanan Project Total:</b> | <b>\$ 1,325,054</b> |
|--------------------------------|---------------------|



Livonia Public Schools  
**Webster Elementary School - Building Renovations**  
 Bid Summary / Contract Recommendation  
 GWA #8667  
 March 5th, 2018



| Trade Proposal                    | Contractor                      | Previous Base Bid Total | Previous Alternate Total | Current Base Bid Total | Total Amount |
|-----------------------------------|---------------------------------|-------------------------|--------------------------|------------------------|--------------|
| Selective Demolition              | DKI, International              | \$ 96,500               |                          |                        | \$ 96,500    |
| Concrete Flatwork                 | Hartwell Cement Company         | \$ 37,875               |                          |                        | \$ 37,875    |
| Foundations                       | CI Contracting                  | \$ 19,170               |                          |                        | \$ 19,170    |
| Structural Steel / Metal Fab.     | Zak Welding & Custom Work       | \$ 66,807               |                          |                        | \$ 66,807    |
| Masonry                           | Leidal & Hart Mason Contractors | \$ -                    |                          | \$ 159,700             | \$ 159,700   |
| Rough/Finish Carpentry            | Diversified Construction        | \$ -                    |                          | \$ 445,230             | \$ 445,230   |
| Roofing / Metal Panels            | Lutz Roofing                    | \$ 64,920               |                          |                        | \$ 64,920    |
| Glass & Glazing                   | Hewett Co. Inc.                 | \$ 487,000              |                          |                        | \$ 487,000   |
| Gypsum Wall Assemblies            | B.R.D., Inc.                    | \$ 37,500               |                          |                        | \$ 37,500    |
| Direct Applied / Plaster          | Direct Applied Construction     | \$ 25,840               |                          |                        | \$ 25,840    |
| Acoustical Ceilings               | R.E. Leggette Company           | \$ 126,900              |                          |                        | \$ 126,900   |
| Hard Tile                         | DTS Contracting                 | \$ 23,000               |                          |                        | \$ 23,000    |
| Resilient Flooring                | City Carpet & Flooring, Inc.    | \$ 165,360              |                          |                        | \$ 165,360   |
| Painting                          | DTS Contracting                 | \$ 76,000               |                          |                        | \$ 76,000    |
| Visual Display Boards             | Cig Jan Products                | \$ 6,752                |                          |                        | \$ 6,752     |
| Signage                           | DMP Signage                     | \$ 20,020               |                          |                        | \$ 20,020    |
| Toilet Partitions/Accessories     | Progressive Plumbing Supply     | \$ 18,750               |                          |                        | \$ 18,750    |
| Metal Lockers                     | Steel Equipment                 | \$ 8,300                |                          |                        | \$ 8,300     |
| Window Treatments                 | Creative Windows                | \$ 23,600               |                          |                        | \$ 23,600    |
| Movable Partitions                | Gardiner C. Vose                | \$ 5,149                |                          |                        | \$ 5,149     |
| Plumbing                          | Contrast Mechanical             | \$ 152,000              |                          |                        | \$ 152,000   |
| HVAC Mechanical                   | Contrast Mechanical             | \$ 1,070,000            |                          |                        | \$ 1,070,000 |
| Testing, Adjusting, and Balancing | Barmatic Inspection Co.         | \$ 14,750               |                          |                        | \$ 14,750    |
| Electrical                        | Green Line Electric             | \$ 720,000              |                          |                        | \$ 720,000   |
| Chain Link Fence                  | Motor City Fence                | \$ 3,612                |                          |                        | \$ 3,612     |
| Overhead Doors                    | N/A                             | \$ -                    |                          |                        | \$ -         |
|                                   | Subtotal:                       | \$ 3,269,805            |                          | \$ 604,930             | \$ 3,874,735 |

|                                   |              |
|-----------------------------------|--------------|
| Subtotal Hard Construction Costs: | \$ 3,874,735 |
| Auch CM Staffing                  | \$ 113,131   |
| Auch CM GC's/Reimb.               | \$ 30,302    |
| Auch CM Fee                       | \$ 70,381    |
| Project Contingency (7%)          | \$ 271,231   |

|                        |              |
|------------------------|--------------|
| Previous Project Award | \$ 3,784,829 |
| Current Project Award  | \$ 604,930   |
| Contingency Reduction: | \$ (29,979)  |

|                               |                     |
|-------------------------------|---------------------|
| <b>Webster Project Total:</b> | <b>\$ 4,359,780</b> |
|-------------------------------|---------------------|



Livonia Public Schools  
**Jackson Early Childhood - Building Renovations**  
 Bid Summary / Contract Recommendation  
 GWA #8668  
 March 5th, 2018



| Trade Proposal                    | Contractor                               | Previous Awarded Base Bid Total | Previous Alternate Total | Current Base Bid Total | Total Amount        |
|-----------------------------------|--|---------------------------------|--------------------------|------------------------|---------------------|
| Selective Demolition              | DKI, International                       | \$ 54,700                       |                          |                        | \$ 54,700           |
| Concrete Flatwork                 | Hartwell Cement Company                  | \$ 17,845                       |                          |                        | \$ 17,845           |
| Foundations                       | CI Contracting                           | \$ 8,340                        |                          |                        | \$ 8,340            |
| Structural Steel / Metal Fab.     | Zak Welding & Custom Work                | \$ 45,246                       |                          |                        | \$ 45,246           |
| Masonry                           | Leidal & Hart Mason Contractors          | \$ -                            |                          | \$ 163,900             | \$ 163,900          |
| Rough/Finish Carpentry            | Diversified Construction                 | \$ -                            |                          | \$ 381,340             | \$ 381,340          |
| Roofing / Metal Panels            | JD Candler Roofing                       | \$ 58,600                       |                          |                        | \$ 58,600           |
| Glass & Glazing                   | Hewett Co. Inc.                          | \$ 397,900                      |                          |                        | \$ 397,900          |
| Gypsum Wall Assemblies            | B.R.D., Inc.                             | \$ 66,632                       |                          |                        | \$ 119,851          |
|                                   | Alternate A-1JA - Clearstory Replacement |                                 | \$ 53,219                |                        |                     |
| Direct Applied / Plaster          | DTS Contracting                          | \$ 47,000                       |                          |                        | \$ 47,000           |
| Acoustical Ceilings               | R.E. Leggette Company                    | \$ 111,900                      |                          |                        | \$ 104,700          |
|                                   | Alternate A-1JA - Clearstory Replacement |                                 | \$ (7,200)               |                        |                     |
| Hard Tile                         | DTS Contracting                          | \$ 29,000                       |                          |                        | \$ 29,000           |
| Resilient Flooring                | Shock Brothers Floor Covering            | \$ 162,500                      |                          |                        | \$ 162,500          |
| Painting                          | DTS Contracting                          | \$ 64,000                       |                          |                        | \$ 66,000           |
|                                   | Alternate A-1JA - Clearstory Replacement |                                 | \$ 2,000                 |                        |                     |
| Visual Display Boards             | Cig Jan Products                         | \$ 5,268                        |                          |                        | \$ 5,268            |
| Signage                           | DMP Signage                              | \$ 11,030                       |                          |                        | \$ 11,030           |
| Toilet Partitions/Accessories     | R.E. Leggette Company                    | \$ 2,575                        |                          |                        | \$ 2,575            |
| Metal Lockers                     | N/A                                      | \$ -                            |                          |                        | \$ -                |
| Window Treatments                 | Creative Windows                         | \$ 27,900                       |                          |                        | \$ 27,900           |
| Movable Partitions                | Gardiner C. Vose                         | \$ 5,395                        |                          |                        | \$ 5,395            |
| Plumbing                          | Ecker Mechanical***                      | \$ 234,000                      |                          |                        | \$ 234,000          |
| HVAC Mechanical                   | Contrast Mechanical                      | \$ 1,080,000                    |                          |                        | \$ 1,080,500        |
|                                   | Alternate A-1JA - Clearstory Replacement |                                 | \$ 500                   |                        |                     |
| Testing, Adjusting, and Balancing | Barmatic Inspection Co.                  | \$ 11,850                       |                          |                        | \$ 11,850           |
| Electrical                        | Conti Corporation***                     | \$ 650,667                      |                          |                        | \$ 650,667          |
| Chain Link Fence                  | Motor City Fence                         | \$ 5,975                        |                          |                        | \$ 5,975            |
| Overhead Doors                    | N/A                                      | \$ -                            |                          |                        | \$ -                |
| <b>Subtotal</b>                   |  | <b>\$ 3,098,323</b>             | <b>\$ 48,519</b>         | <b>\$ 545,240</b>      | <b>\$ 3,692,082</b> |

|                                   |              |
|-----------------------------------|--------------|
| Subtotal Hard Construction Costs: | \$ 3,692,082 |
| Auch CM Staffing                  | \$ 117,729   |
| Auch CM GC's/Reimb.               | \$ 31,185    |
| Auch CM Fee                       | \$ 65,436    |
| Project Contingency (7%)          | \$ 258,446   |

|                                |                     |
|--------------------------------|---------------------|
| <b>Previous Project Award:</b> | <b>\$ 3,641,004</b> |
| <b>Current Project Award:</b>  | <b>\$ 545,240</b>   |
| <b>Contingency Reduction:</b>  | <b>\$ (21,366)</b>  |

|                               |                     |
|-------------------------------|---------------------|
| <b>Jackson Project Total:</b> | <b>\$ 4,164,878</b> |
|-------------------------------|---------------------|



Livonia Public Schools  
**Livonia Career Tech Center- Building Renovations**  
 Bid Summary / Contract Recommendation  
 GWA #8669  
 March 5th, 2018



| Trade Proposal                    | Contractor                                     | Previous Base Bid Total | Previous Alternate Total | Current Base Bid Total | Total Amount |
|-----------------------------------|--|-------------------------|--------------------------|------------------------|--------------|
| Selective Demolition              | DKI, International                             | \$ 77,700               |                          |                        | \$ 77,700    |
| Concrete Flatwork                 | Hartwell Cement Company                        | \$ 24,975               |                          |                        | \$ 24,975    |
| Foundations                       | CI Contracting                                 | \$ 11,740               |                          |                        | \$ 11,740    |
| Structural Steel / Metal Fab.     | Zak Welding & Custom Work                      | \$ 52,848               |                          |                        | \$ 52,848    |
| Masonry                           | Leidal & Hart Mason Contractors                | \$ -                    |                          | \$ 52,000              | \$ 52,000    |
| Rough/Finish Carpentry            | Diversified Constuction                        | \$ -                    |                          | \$ 148,470             | \$ 148,470   |
| Roofing / Metal Panels            | Newton Crane                                   | \$ 37,550               |                          |                        | \$ 37,550    |
| Glass & Glazing                   | Hewett Co. Inc.                                | \$ 262,600              |                          |                        | \$ 262,600   |
| Gypsum Wall Assemblies            | B.R.D., Inc.                                   | \$ 37,267               |                          |                        | \$ 37,267    |
| Direct Applied / Plaster          | N/A  | \$ -                    |                          |                        | \$ -         |
| Acoustical Ceilings               | R.E. Leggette Company                          | \$ 98,300               |                          |                        | \$ 98,300    |
| Hard Tile                         | Michielutti Brothers                           | \$ 48,300               |                          |                        | \$ 18,700    |
|                                   | Alternate A-1CTC - Add VCT in lieu of Terrazzo |                         | \$ (29,600)              |                        |              |
| Resilient Flooring                | City Carpet & Flooring, Inc.                   | \$ 134,800              |                          |                        | \$ 145,155   |
|                                   | Alternate A-1CTC - Add VCT in lieu of Terrazzo |                         | \$ 10,355                |                        |              |
| Painting                          | DTS Contracting                                | \$ 70,000               |                          |                        | \$ 66,000    |
|                                   | Alternate A-2CTC - Replace OH Doors            |                         | \$ (4,000)               |                        |              |
| Visual Display Boards             | Claridge Products                              | \$ 11,510               |                          |                        | \$ 11,510    |
| Signage                           | DMP Signage                                    | \$ 17,250               |                          |                        | \$ 17,250    |
| Toilet Partitions/Accessories     | Rayhaven Group                                 | \$ 12,384               |                          |                        | \$ 12,384    |
| Metal Lockers                     | N/A  | \$ -                    |                          |                        | \$ -         |
| Window Treatments                 | Creative Windows                               | \$ 2,270                |                          |                        | \$ 2,270     |
| Movable Partitions                | N/A  | \$ -                    |                          |                        | \$ -         |
| Plumbing                          | Oakland Plumbing                               | \$ 90,003               |                          |                        | \$ 90,003    |
| HVAC Mechanical                   | Quality Aire Systems                           | \$ 1,100,000            |                          |                        | \$ 1,100,000 |
| Testing, Adjusting, and Balancing | Barmatic Inpsection Co.***                     | \$ 14,650               |                          |                        | \$ 14,650    |
| Electrical                        | Conti Corporation                              | \$ 620,433              |                          |                        | \$ 620,433   |
| Chain Link Fence                  | American Fence & Supply                        | \$ 5,500                |                          |                        | \$ 5,500     |
| Overhead Doors                    | Overhead Door West                             | \$ -                    |                          |                        | \$ 21,900    |
|                                   | Alternate A-2CTC - Replace OH Doors            |                         | \$ 21,900                |                        |              |
| Subtotal                          |  | \$ 2,730,080            | \$ (1,345)               | \$ 200,470             | \$ 2,929,205 |

|                                   |              |
|-----------------------------------|--------------|
| Subtotal Hard Construction Costs: | \$ 2,929,205 |
| Auch CM Staffing                  | \$ 99,888    |
| Auch CM GC's/Reimb.               | \$ 28,340    |
| Auch CM Fee                       | \$ 53,319    |
| Project Contingency (7%)          | \$ 205,044   |

|                                |                     |
|--------------------------------|---------------------|
| <b>Previous Project Award:</b> | <b>\$ 3,137,341</b> |
| <b>Current Project Award:</b>  | <b>\$ 200,470</b>   |
| <b>Contingency Reduction:</b>  | <b>\$ (22,015)</b>  |

|   |                     |
|---|---------------------|
| <b>Career Tech. Center Project Total:</b> | <b>\$ 3,315,796</b> |
|---|---------------------|



Livonia Public Schools  
**Entry Archways- Churchill, Garfield, Administration, Niji-Iro**  
 Bid Summary / Contract Recommendation  
 GWA #8670  
 March 5th, 2018



| Trade Proposal                | Contractor                     | Total Amount |
|-------------------------------|--------------------------------|--------------|
| Selective Demolition          | Blue Star                      | \$ 19,500    |
| Concrete Flatwork             | Hartwell Cement Company        | \$ 180,595   |
| Foundations                   | CI Contracting                 | \$ 66,890    |
| Structural Steel / Metal Fab. | Zak Welding & Custom Work      | \$ 60,332    |
| Masonry                       | Baker Construction             | \$ 80,800    |
| Glass & Glazing               | Lansing Glass                  | \$ 39,929    |
| Painting                      | DTS Contracting                | \$ 20,000    |
| Signage                       | DMP Signage                    | \$ 12,300    |
| Electrical                    | Metro Electric Eng. Tech. Inc. | \$ 83,000    |
|                               | Subtotal:                      | \$ 563,346   |

|                                   |    |         |
|-----------------------------------|----|---------|
| Subtotal Hard Construction Costs: | \$ | 563,346 |
| Auch CM Staffing                  | \$ | 37,766  |
| Auch CM GC's/Reimb.               | \$ | 16,650  |
| Auch CM Fee                       | \$ | 11,105  |
| Project Contingency               | \$ | 39,434  |

|                        |    |         |
|------------------------|----|---------|
| Previous Project Award | \$ | 593,067 |
| Current Project Award  | \$ | 80,800  |
| Contingency Reduction: | \$ | (5,566) |

|                                     |           |                |
|-------------------------------------|-----------|----------------|
| <b>Entry Archway Project Total:</b> | <b>\$</b> | <b>668,301</b> |
|-------------------------------------|-----------|----------------|

**Livonia Public Schools**  
**Building Renovations - Summer 2018 Projects and Entry Archways**

George W. Auch Co. Project No. - 8671  
 Bid Tabulation Sheet

**Trade Proposal - Proposal E - Masonry**  
 Location: Livonia Administrative Offices  
 Date: February 16th, 2018 at 2:00PM

Recorded by: Mitch DeLange & Shreya Sant  
 Witness: \_\_\_\_\_

| Contractor Name & Location              | Bid Security | Bid Formality |     |           |      | BASE BID  |           |          |           |          | Comments / Voluntary Alternates |
|---|--------------|---------------|-----|-----------|------|-----------|-----------|----------|-----------|----------|---------------------------------|
|   |              | ADD.          | EEO | Fam. Dis. | IESA | Webster   | Jackson   | Buchanan | CTC       | Entryway |                                 |
| Brazen and Greer Masonry<br>Livonia, MI | 5% BB        | 1&2           | Yes | Yes       | Yes  | N/A       | N/A       | N/A      | \$92,000  | N/A      |                                 |
| Leidal and Hart Masons<br>Livonia, MI   | 5% BB        | N/A           | Yes | Yes       | Yes  | \$159,700 | \$163,900 | \$33,000 | \$52,000  | \$80,850 |                                 |
| Baker Construction<br>Whitmore Lake, MI | 5% BB        | 1,2,3&4       | Yes | Yes       | Yes  | \$190,100 | \$244,600 | \$43,100 | \$148,400 | \$80,800 | Clarification                   |
|   |              |               |     |           |      |           |           |          |           |          |                                 |
|   |              |               |     |           |      |           |           |          |           |          |                                 |
|   |              |               |     |           |      |           |           |          |           |          |                                 |
|   |              |               |     |           |      |           |           |          |           |          |                                 |
|   |              |               |     |           |      |           |           |          |           |          |                                 |
|   |              |               |     |           |      |           |           |          |           |          |                                 |
|   |              |               |     |           |      |           |           |          |           |          |                                 |



