

February 27, 2017

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

RE: Contract Award Recommendation for Construction Bids  
Churchill High School

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 January 23, 2017, Construction Documents were formally issued and made available. An advertisement for bids was published in a local newspaper and also posted to the required State of Michigan websites.

On February 10, 2017, over 90 bid proposals were received, and over the next several days were reviewed to determine the budget implications. Interviews were held over the next two weeks and were attended by various members of the Bond Team.

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 February 27, 2017 for contract award. The recommendation includes the alternates A-1 (\$81,000), A-2 (\$26,186), A-8 (\$6,100), and A-9 (\$10,000) as further described in George W. Auch's recommendation letter. Including hard construction, this Project award recommendation equals \$15,585,535.00. Painting, CM costs and fees, and the project contingency will be defined and presented for award at a later date.

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 pending final review and approval of terms 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  
                  Bid Tabulations

CHURCHILL HIGH SCHOOL CONSTRUCTION - BUDGET SUMMARY

	Hard Construction		
Building	Budget	Actual	Variance
Churchill High School	\$ 14,797,990	\$ 15,585,535	\$ (787,545)
Totals	\$ 14,797,990	\$ 15,585,535	\$ (787,545)

	CM Fees/Costs		
Building	Budget	Actual	Variance
Churchill High School	\$ 1,176,548	TBD	
Totals	\$ 1,176,548	\$ -	\$ -

	Construction Contingency		
Building	Budget	Actual	Variance
Churchill High School	\$ 1,394,544	TBD	
Totals	\$ 1,394,544	\$ -	\$ -

	Total Project Costs		
Building	Budget**	Actual	Variance
Churchill High School	\$ 17,369,082	TBD	
Totals	\$ 17,369,082	\$ -	\$ -

\*\* The original budget currently remains at \$17,369,082.

The board has approved an additional \$1,000,000 to augment this budget from the Sinking Fund as needed.

**George W. Auch Company**  
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



C.3.



February 27, 2017

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

**RE: Recommendation for Award – 01  
Churchill High School – Auditorium & Classroom Renovations  
GWA Project No. 8146**

Dear Mr. Francis,

We have completed the review of the bids received on February 10<sup>th</sup>, 2017 for the Auditorium and Classroom Renovations project at Churchill High School. The George W. Auch Company is pleased to present the recommendations for award of contracts per the attached schedule. We recommend awarding to the low responsive bidders with complete bid scope.

Rohmann Iron Works included exclusions on their bid form. After post-bid evaluation, they have removed the exclusions from their bid for Proposal E – Structural & Miscellaneous Steel and have confirmed that their base bid includes all work scope items as listed in the plans and specifications.

LaDuke Roofing & Sheet Metal made a calculation error in their bid and has requested that their bid be withdrawn from consideration. Therefore, we are recommending JD Candler Roofing to be awarded the bid category of Proposal G – Roofing as the lowest responsive bidder.

ANM Construction made a calculation error in their bid and has requested that their bid be withdrawn from consideration. Therefore, we are recommending Diversified Construction to be awarded the bid category of Proposal L – Gypsum Wall Assemblies as the lowest responsive bidder.

For Proposal BB – Testing, Adjusting and Balancing, there were two bidders who submitted the same value as the low responsive bidder. We are recommending the award of contract to Air Solutions, Inc. based upon their experience within the district while meeting the requirements within the project specifications.

O'Donnell Electric made a clerical error in their bid and has requested that their bid be withdrawn from consideration. Therefore, we are recommending Metro Electric Eng. Tech. to be awarded the bid category of Proposal CC – Electrical as the lowest responsive bidder.

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.

Alternates:

The design/construction team prepared and collected bids on a various amount of bid alternates for consideration. Per a discussion with the bond committee on February 24<sup>th</sup>, 2017, we have accepted the following alternates to be awarded to the associated bidders.

Alternate A-1 – per discussion with the bond committee, we recommend accepting this alternate to remove the existing 2'x4' ceiling tile, re-work this existing ceiling gird and installing all new 2'x2' ceiling tile. Over the years, the existing ceiling tile has experience regular wear and tear; in addition, the scope of work to replace the fire alarm and building controls systems will

require partial ceiling tile replacement. The team felt that it would be prudent to replace the ceiling tile complete while we are renovating the space. Alternate A-1 combined total equals \$81,000.

Alternate A-2 – per discussion with the bond committee, we recommend accepting this alternate to furnish and install the portable stage platforms and storage cart for the Black Box. This will allow for more flexibility and expansion within the Black Box for the various types of performances put on by the district. Alternate A-2 total equals \$26,186.

Alternate A-8 – per discussion with the bond committee, we recommend accepting this alternate to furnish and install new ceramic tile throughout the building at the drinking fountain alcoves. This is a very economical solution to update the building. Alternate A-8 total equals \$6,100.

Alternate A-9 – per discussion with the bond committee, we recommend accepting this alternate to remove and replace the existing pre-cast window sills at the classroom exterior windows. The existing pre-cast window sills are in very bad condition. This is a very economical price to replace all the exterior sills. Alternate A-9 total equals \$10,000.

Please do not hesitate to contact me with any questions or concerns regarding the bid alternates.

Very truly yours,

**GEORGE W. AUCH COMPANY**



Mitch DeLange  
Project Manager

Enclosure

CC: Paul Theriault, Scott Smith – Plante Moran CRESA

Jeff Hamilton – George W. Auch Co.

Keti Mitevska – French Associates

DESCRIPTION OF WORK	SUBCONTRACTOR	BID AMOUNT	ACCEPTED ALTERNATES
Selective Demolition	DKI International, Inc.	\$ 442,000	
Alternate A-1			\$ 19,000
Concrete Flatwork	McCarthy Construction Co.	\$ 386,490	
Foundations	Six-K Construction	\$ 170,000	
Masonry	Brazen & Greer	\$ 712,000	
Alternate A-9			\$ 10,000
Structural & Miscellaneous Steel	Rohmann Iron	\$ 874,500	
Rough & Finish Carpentry	Wally Kosorski & Co., Inc.	\$ 1,123,950	
Roofing	JD Candler Roofing*	\$ 234,500	
Metal Wall Panels	Exterior Metals	\$ 116,530	
Storefront / Glass & Glazing	Glasco Corp.	\$ 433,442	
Overhead Coiling Doors	KVM Door Systems, Inc.	\$ 32,790	
Gypsum Wall Assemblies	Diversified Constuction*	\$ 874,950	
Hard Tile / Terrazzo	Michielutti Bros.	\$ 237,800	
Alternate A-8			\$ 6,100
Acoustical Ceilings & Wall Panels	ANM Construction	\$ 776,000	
Alternate A-1			\$ 62,000
Resilient Flooring & Carpet	Shamrock Floorcovering	\$ 426,400	
Markerboards and Tackboards	Cig Jan	\$ 60,712	
Signage	Stamprite	\$ 20,668	
Toilet Compartments / Access	Rayhaven Group	\$ 35,100	
Metal Lockers	Steel Equipment	\$ 258,400	
Theater Equipment	Wenger Corp.	\$ 456,998	
Alternate A-2			\$ 26,186
Window Treatments	Creative Windows	\$ 24,600	
Theater Seating	Irwin Seating	\$ 170,432	
Lifts	Acton Sales	\$ 24,000	
Fire Suppression System	Professional Sprinkler	\$ 23,880	
Plumbing	Oakland Plumbing	\$ 254,413	
HVAC Mechanical	Quality Aire Systems	\$ 3,555,000	
TAB	Air Solutions	\$ 49,900	
Electrical	Metro Electric Eng. Tech.*	\$ 3,648,000	
Chain Link Fence	Industrial Fence	\$ 38,794	
<b>SUBTOTAL:</b>		<b>\$ 15,462,249</b>	<b>\$ 123,286</b>
Hard Construction Cost:		\$ 15,585,535	

**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
 George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal A – Selective Demolition**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Alternate A-1	Alternate A-8	Alternate CM-2	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA					
<b>Blue Star</b>	BB	1,2,3	x	x	x	\$509,550.00	\$13,500.00	\$2,800.00	\$7,250.00	
Warren, MI										
<b>DKI International</b>	BB	1,2,3	x	x	x	\$442,000.00	\$19,000.00	\$2,000.00	\$19,000.00	
West Bloomfield, MI										

**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**

George W. Auch Co. Project No. 8146

Bid Tabulation Sheet

**Trade Proposal: Proposal B – Concrete Flatwork**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA		
<b>Albanelli Cement Contractors</b>	BB	1,2,3	x	x	x	\$437,800.00	
Livonia, MI							
<b>Gemelli Concrete</b>	BB	1,2,3	x	x	x	\$404,395.00	Voluntary Alternate
Romeo, MI							
<b>McCarthy Construction</b>	BB	1,2,3	x	x	x	\$386,490.00	
Commerce Township, MI							



**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
 George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal C – Foundations**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA		
<b>Novi Wall</b>	BB	1,2,3	x	x	x	\$953,288.00	
Novi, MI							
<b>6-K Construction</b>	BB	1,2,3	x	x	x	\$170,000.00	
Brighton, MI							
<b>Gemelli Concrete</b>	BB	1,2,3	x	x	x	\$391,900.00	Voluntary Alternate
Romeo, MI							
<b>CI Contracting</b>	BB	1,2,3	x	x	x	\$264,980.00	
Brighton, MI							
<b>Brencal Contracting</b>	BB	1,2,3	x	x	x	\$323,000.00	
Warren, MI							

**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
 George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal D – Masonry**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Alternate A-9	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA			
<b>Baker Construction</b>	BB	1,2,3	x	x	x	\$1,092,000.00	\$10,300.00	
Whitmore Lake, MI								
<b>Leidel &amp; Hart Mason Contractors</b>	BB	1,2,3	x	x	x	\$810,700.00	\$11,175.00	
Livonia, MI								
<b>Brazen &amp; Greer</b>	BB	1,2,3	x	x	x	\$712,000.00	\$10,000.00	
Livonia, MI								
<b>Rosati Mason Contractors</b>	BB	1,2,3	x	x	x	\$887,646.00	\$14,000.00	
Redford, MI								







**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**

George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal H – Metal Panel System**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA		
<b>Silverline Contracting</b>	BB	1,2,3	x	x	x	\$66,400.00	
Howell, MI							
<b>Exterior Metals</b>	BB	1,2,3	x	x	x	\$116,530.00	Voluntary Alternate
Burton, MI							
<b>Custom Architectural Sheetmetal Specialists</b>	BB	1,2,3	x	x	x	\$192,000.00	Clarification
Detroit, MI							

**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
 George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal J – Storefront / Glass & Glazing / FRP Doors**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA		
<b>Glasco</b>	BB	1,2,3	x	x	x	\$433,442.00	
Detroit, MI							
<b>Lansing Glass Company</b>	BB	1,2,3	x	x	x	\$659,929.00	Clarification
Lansing, MI							
<b>Curtis Glass Company</b>	BB	1,2,3	x	x	x	\$533,496.00	Voluntary Alternate
Troy, MI							
<b>Hewett Company</b>	BB	1,2,3	x	x	x	\$439,812.00	
Pontiac, MI							





**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
 George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal L – Gypsum Wall Assemblies**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA		
<b>ANM Construction</b>	BB	1,2,3	x	x	x	\$519,900.00	
New Hudson, MI							
<b>Diversified Construction</b>	BB	1,2,3	x	x	x	\$874,950.00	
Rochester Hills, MI							
<b>Ann Arbor Ceiling &amp; Partition</b>	BB	1,2,3	x	x	x	\$922,000.00	
Ypsilanti, MI							

**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
 George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal M – Hard Tile / Terrazzo**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Alternate A-8	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA			
<b>Artisan Tile</b>	BB	1,2,3	x	x	x	\$274,031.00	\$12,000.00	
Brighton, MI								
<b>Michielutti Bros</b>	BB	1,2,3	x	x	x	\$237,800.00	\$6,100.00	
Eastpointe, MI								

**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
 George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal N – Acoustical Ceilings & Wall Panels**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Alternate A-1	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA			
<b>ANM Construction</b>	BB	1,2,3	x	x	x	\$776,000.00	\$62,000.00	
New Hudson, MI								
<b>Ann Arbor Ceiling &amp; Partiton</b>	BB	1,2,3	x	x	x	\$867,350.00	\$146,440.00	
Ypsilanti, MI								
<b>B.R.D.</b>	BB	1,2,3	x	x	x	\$912,500.00	\$160,175.00	Voluntary Alternate
Brighton, MI								
<b>Acoustical Ceiling &amp; Partiton</b>	BB	1,2,3	x	x	x	\$816,200.00	\$127,800.00	
Ann Arbor, MI								

**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
 George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal O – Resilient Flooring & Carpet**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA		
<b>Shock Brothers Floorcovering</b>	BB	1,2,3	x	x	x	\$468,500.00	
Roseville, MI							
<b>Shamrock Floorcovering Services</b>	BB	1,2,3	x	x	x	\$426,400.00	
Ann Arbor, MI							

**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**

George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal Q – Markerboards and Tackboards**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Alternate CM-2	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA			
<b>Claridge Products &amp; Equipment</b>	CC: \$3,989.15	1,2,3	x	x	x	\$62,753.00	\$17,630.00	
Livonia, MI								
<b>Cig Jan Products</b>	BB	1,2,3	x	x	x	\$60,712.00	\$20,530.00	
Caledonia, MI								

**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
 George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal R – Signage**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA		
<b>Stamprite Supersine</b> Lansing, MI	N/A	1,2,3	x	x	x	\$20,668.00	
<b>Image360 - Plymouth</b> Plymouth, MI	CC: \$1,751.25	None	x	x	x	\$35,025.00	Clarification
<b>J.L. Geisler</b> Troy, MI	N/A	1,2,3	x	x	x	\$22,768.00	

**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
 George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal S – Toilet Compartments/Accessories**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA		
<b>R.E. Legette Company</b>	BB	1,2,3	x	x	x	\$36,135.00	
Livonia, MI							
<b>Steel Equipment Company</b>	BB	1,2,3	x	x	x	\$37,000.00	
Pontiac, MI							
<b>Rayhaven Group</b>	BB	None	x	x	x	\$35,100.00	Clarification
Livonia, MI							

# Livonia Public Schools Churchill High School Auditorium & Classroom Renovation

George W. Auch Co. Project No. 8146  
Bid Tabulation Sheet

**Trade Proposal: Proposal T – Metal Lockers**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA		
<b>Steel Equipment Company</b>	BB	1,2,3	x	x	x	\$258,400.00	
Pontiac, MI							



**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
 George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal U – Theater Equipment**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Alternate A-2	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA			
<b>LVH Entertainment Systems</b>	BB	1,2,3	x	x	x	\$499,900.00	\$29,900.00	
Hudson, WI								
<b>Gopher Stage Lighting</b>	BB	1,2,3	x	x	x	\$608,000.00	\$34,850.00	Clarification
Minneapolis, MN								
<b>Wenger</b>	BB	1,2,3	x	x	x	\$456,998.00	\$26,186.00	Clarification
Owatonna, MI								
<b>Beck Studios</b>	BB	1,2,3	x	x	x	\$495,594.00	\$33,500.00	Clarification
Milford, OH								









**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
 George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal Z – Plumbing**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA		
<b>Oakland Plumbing</b> Ray Township, MI	BB	1,2,3	x	x	x	\$254,413.00	
<b>Dickerson Mechanical</b> Davison, MI	BB	1,2,3	x	x	x	\$408,000.00	
<b>Contrast Mechanical</b> Macomb Township, MI	BB	1,2,3	x	x	x	Combination with HVAC Mechanical: \$4,040,000.000	
<b>Johnson &amp; Wood</b> Burton, MI	BB	1,2,3	x	x	x	\$574,000.00	
<b>J.M. &amp; Sons</b> Brighton, MI	BB	1,2,3	x	x	x	\$422,600.00	
<b>Conti</b> Sterling Heights, MI	BB	1,2,3	x	x	x	\$930,000.00	
<b>Ecker Mechanical</b> Burton, MI	BB	1,2,3	x	x	x	\$499,000.00	

**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
George W. Auch Co. Project No. 8146  
Bid Tabulation Sheet

**Trade Proposal: Proposal AA – HVAC Mechanical**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA		
<b>Quality Aire Solutions</b> Ann Arbor, MI	BB	1,2,3	x	x	x	\$3,555,000.00	Clarification
<b>Johnson &amp; Wood</b> Burton, MI	BB	1,2,3	x	x	x	\$4,481,000.00	Voluntary Alternate
<b>Great Lakes Mechanical</b> Dearborn, MI	BB	1,2,3	x	x	x	\$3,918,000.00	Clarification
<b>Ecker Mechanical</b> Burton, MI	BB	1,2,3	x	x	x	\$3,931,000.00	
<b>Contrast Mechanical</b> Macomb Township, MI	BB	1,2,3	x	x	x	Combination with Plumbing: \$4,040,000.000	
<b>Conti</b> Sterling Heights, MI	BB	1,2,3	x	x	x	\$6,428,664.00	

**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**

George W. Auch Co. Project No. 8146

Bid Tabulation Sheet

**Trade Proposal: Proposal BB - Testing, Adjusting, and Balancing**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA		
<b>Air Solutions</b>	CC: \$2,500.00	1,2,3	x	x	x	\$49,900.00	
Lapeer, MI							
<b>International Test &amp; Balancing</b>	BB	1,2,3	x	x	x	\$126,500.00	
Southfield, MI							
<b>Aerodynamics Inspecting Company</b>	CC: \$2,495.00	None	x	x	x	\$49,900.00	
Dearborn, MI							
<b>Airflow Testing</b>	BB	1,2,3	x	x	x	\$88,010.00	Clarification
Lincoln Park, MI							



**Livonia Public Schools**  
**Churchill High School Auditorium & Classroom Renovation**  
 George W. Auch Co. Project No. 8146  
 Bid Tabulation Sheet

**Trade Proposal: Proposal CC – Electrical**

Location: Livonia Administrative Offices

Date: February 10th, 2017 at 2:00PM

Recorded by: Adam Karnes

Witness: Harry Lau

Contractor Name & Location	Bid Security	Bid Formality				BASE BID	Alternate A-3	Alternate A-4	Alternate A-5	Alternate A-6	Alternate A-7	Alternate A-10	Alternate CM-2	Comments / Voluntary Alternates
		ADD.	EEO	Fam. Dis.	IESA									
<b>O'Donnel Electric</b> Whitmore Lake, MI	BB	1,2,3	x	x	x	\$3,279,000.00	\$8,000.00	\$44,000.00	\$4,200.00	\$10,000.00	\$5,500.00	\$21,400.00	<\$5,000>	
<b>Shoreview Electric</b> Clinton Township, MI	BB	1,2,3	x	x	x	\$4,099,000.00	\$30,000.00	\$45,000.00	\$4,000.00	\$15,000.00	\$5,000.00	\$26,000.00	\$7,000.00	
<b>Great Lakes Power</b> Casco, MI	BB	1,2,3	x	x	x	\$3,942,000.00	\$7,000.00	\$41,000.00	\$3,000.00	\$12,000.00	\$5,000.00	\$26,000.00	\$5,000.00	
<b>JMC Electrical</b> Clinton Township, MI	BB	1,2,3	x	x	x	\$3,775,500.00	\$6,762.00	\$47,980.00	\$3,447.00	\$14,327.00	\$4,562.00	\$23,550.00	<\$6,325.00>	Clarification
<b>Green Line Electric</b> Plymouth, MI	BB	1,2,3	x	x	x	\$3,985,000.00	\$6,000.00	\$40,000.00	\$3,000.00	\$12,000.00	\$5,000.00	\$40,000.00	\$0.00	Clarification
<b>Metro Electric</b> Romeo, MI	BB	1,2,3	x	x	x	\$3,648,000.00	\$6,500.00	\$40,000.00	\$3,500.00	\$13,000.00	\$4,500.00	\$23,000.00	<\$5,000.00>	

