

Kentucky Department of Education Version of AIA® Document A101 – 2007

Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum

AGREEMENT made as of the Sixteenth day of March
in the year Two Thousand Twenty
(In words, indicate day, month and year.)

BETWEEN the Owner:
(Name, legal status, address and other information)
Henderson County Board of Education
1805 Second Street
Henderson, KY 42420

and the Contractor:
(Name, legal status, address and other information)
Mechanical Consultants, Inc.
7727 Old Highway 81
Owensboro, KY 42301

for the following Project:
(Name, location and detailed description)
Henderson County High School Chiller Replacement
2424 Zion Road, Henderson, Kentucky
Replacement of existing 300-ton air-cooled chiller and installation of water bottle filler
stations and electric water coolers.

The Architect:
(Name, legal status, address and other information)
RBS Design Group, PSC
723 Harvard Drive
Owensboro, KY 42301

The Owner and Contractor agree as follows.



This version of AIA Document A101–2007 is modified by the Kentucky Department of Education. Publication of this version of AIA Document A101 does not imply the American Institute of Architects' endorsement of any modification by the Kentucky Department of Education. A comparative version of AIA Document A101–2007 showing additions and deletions by the Kentucky Department of Education is available for review on the Kentucky Department of Education Web site.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

TABLE OF ARTICLES

- 1 THE CONTRACT DOCUMENTS
- 2 THE WORK OF THIS CONTRACT
- 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
- 4 CONTRACT SUM
- 5 PAYMENTS
- 6 DISPUTE RESOLUTION
- 7 TERMINATION OR SUSPENSION
- 8 MISCELLANEOUS PROVISIONS
- 9 ENUMERATION OF CONTRACT DOCUMENTS
- 10 INSURANCE AND BONDS

ARTICLE 1 THE CONTRACT DOCUMENTS

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Owner direct Purchase Orders, Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications issued after execution of this Agreement, all of which form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. An enumeration of the Contract Documents, other than a Modification, appears in Article 9.

ARTICLE 2 THE WORK OF THIS CONTRACT

The Contractor shall fully execute the Work described in the Contract Documents, except as specifically indicated in the Contract Documents to be the responsibility of others.

ARTICLE 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

§ 3.1 The date of commencement of the Work shall be the date of this Agreement unless a different date is stated below or provision is made for the date to be fixed in a notice to proceed issued by the Owner.

(Insert the date of commencement if it differs from the date of this Agreement or, if applicable, state that the date will be fixed in a notice to proceed.)

See Attached Section 00520

If, prior to the commencement of the Work, the Owner requires time to file mortgages and other security interests, the Owner's time requirement shall be as follows:

Not Applicable

§ 3.2 The Contract Time shall be measured from the date of commencement.

§ 3.3 The Contractor shall achieve Substantial Completion of the entire Work not later than () days from the date of commencement, or as follows:
(Insert number of calendar days. Alternatively, a calendar date may be used when coordinated with the date of commencement. If appropriate, insert requirements for earlier Substantial Completion of certain portions of the Work. Either list requirements for earlier Substantial Completion here or refer to an exhibit attached to this Agreement.)

The Substantial Completion Date for all work shall be August 1, 2020.

Portion of Work

Substantial Completion Date

, subject to adjustments of this Contract Time as provided in the Contract Documents.

Liquidated Damages: As actual damages for delay in completion of Work are impossible to determine, the Contractor and his Surety shall be liable for and shall pay to the Owner the sum of Three Hundred Dollars and Zero Cents (\$ 300.00), not as a penalty, but as fixed, agreed and liquidated damages for each calendar day of delay until the Contract Work is substantially completed as defined in the General Conditions of the Contract for Construction. The Owner shall have the right to deduct liquidated damages from money in hand otherwise due, or to become due, to the Contractor, or to sue and recover compensation for damages for failure to substantially complete the Work within the time stipulated herein. Said liquidated damages shall cease to accrue from the date of Substantial Completion.

ARTICLE 4 CONTRACT SUM

§ 4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor's performance of the Contract. The Contract Sum shall be

Two Hundred Forty-three Thousand Two Hundred Dollars and Zero Cents

(\$ 243,200.00), subject to additions and deductions as provided in the Contract Documents.

(List the base bid amount, sum of accepted alternates, total construction cost (the sum of base bid amount plus sum of accepted alternates), sum of Owner's direct Purchase Orders. The Contract Sum shall equal the sum of Total Construction Cost, less Owner direct Purchase Orders. Either list this information here or refer to an exhibit attached to this Agreement.)

	Amount
Base Bid	\$ 199,200.00
Sum of Accepted Alternates	\$ 44,000.00
Total Construction Cost (the sum of base bid amount plus sum of accepted alternates)	\$ 243,200.00
Sum of Owner's direct Purchase Orders	\$ 0.00
Contract Sum (total construction cost less Owner direct Purchase Orders)	\$ 243,200.00

Init.

§ 4.2 The Contract Sum is based upon the following alternates, if any, which are described in the Contract Documents and are hereby accepted by the Owner:
(State the numbers or other identification of accepted alternates. If the bidding or proposal documents permit the Owner to accept other alternates subsequent to the execution of this Agreement, attach a schedule of such other alternates showing the amount for each and the date when that amount expires. Either list alternates here or refer to an exhibit attached to this Agreement.)

Number	Item Description	Amount
No. 1	Trane Chiller	\$30,000.00
No. 2	Chiller Integration into existing Trane BMS	\$14,000.00
	Total of Alternates	\$44,000.00

§ 4.3 Unit prices, if any:
(Identify and state the unit price; state quantity limitations, if any, to which the unit price will be applicable. Either list unit prices here or refer to an exhibit attached to this Agreement.)
 See Attachment for Unit Prices

Item

Units and Limitations

Price per Unit (\$0.00)

§ 4.4 Allowances included in the Contract Sum, if any:
(Identify allowance and state exclusions, if any, from the allowance price. Either list allowances here or refer to an exhibit attached to this Agreement.)
 Not Applicable

Item

Price

ARTICLE 5 PAYMENTS

§ 5.1 PROGRESS PAYMENTS

§ 5.1.1 Based upon Applications for Payment submitted to the Architect by the Contractor and Certificates for Payment issued by the Architect, the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.

§ 5.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month, or as follows:

See Specification Section 1290 - 1.4

§ 5.1.3 Provided that an Application for Payment is received by the Architect not later than the 25th day of a month, the Owner shall make payment of the certified amount to the Contractor not later than the 20th day of the following month. If an Application for Payment is received by the Architect after the application date fixed above, payment shall be made by the Owner not later than Forty-five (45) days after the Architect receives the Application for Payment.

State law (KRS 371.405) requires the Owner to pay undisputed Applications for Payment within forty-five (45) business days following receipt of the invoices. If the Owner fails to pay the Contractor within forty-five (45) business days following receipt of an undisputed Application for Payment, state law requires the Owner shall pay interest to the Contractor beginning on the forty-sixth business day after receipt of the Application for Payment, computed at the rate required by state law.

§ 5.1.4 Each Application for Payment shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Architect may require. This schedule, unless objected to by the Architect, shall be used as a basis for reviewing the Contractor's Applications for Payment.

§ 5.1.5 Applications for Payment shall show the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.

§ 5.1.6 Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

- .1 Take that portion of the Contract Sum properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the Contract Sum allocated to that portion of the Work in the schedule of values, less retainage of Ten percent (10%). Pending final determination of cost to the Owner of changes in the Work, amounts not in dispute shall be included as provided in Section 7.3.9 of AIA Document A201™-2007, General Conditions of the Contract for Construction — KDE Version;
- .2 Add that portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction (or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing), less retainage of Ten percent (10%);
- .3 Subtract the aggregate of previous payments made by the Owner; and
- .4 Subtract amounts, if any, for which the Architect has withheld or nullified a Certificate for Payment as provided in Section 9.5 of AIA Document A201-2007 — KDE Version.

§ 5.1.7 The progress payment amount determined in accordance with Section 5.1.6 shall be further modified under the following circumstances:

- .1 Add, upon Substantial Completion of the Work, a sum sufficient to increase the total payments to the full amount of the Contract Sum, less such amounts as the Architect shall determine for incomplete Work, retainage applicable to such work and unsettled claims; and
(Section 9.8.5 of AIA Document A201-2007 — KDE Version requires release of applicable retainage upon Substantial Completion of Work with consent of surety, if any.)

- .2 Add, if final completion of the Work is thereafter materially delayed through no fault of the Contractor, any additional amounts payable in accordance with Section 9.10.3 of AIA Document A201–2007 — KDE Version.

§ 5.1.8 Reduction or limitation of retainage, if any, shall be as follows:

When Owner direct Purchase Orders are used, retainage that would otherwise be held on materials and equipment shall transfer to the Contractor, and the material suppliers will be paid the full amount of their invoices. The Owner shall retain ten percent (10%) from each Application for Payment, and an amount equal to ten percent (10%) of approved Purchase Order payments, up to fifty percent (50%) completion of the Work, then provided the Work is on schedule and satisfactory, and upon written request of the Contractor together with consent of surety and the recommendation of the Architect, the Owner shall approve a reduction in Retainage to five percent (5%) of the current Contract Sum plus Purchase Orders. No part of the five percent (5%) retainage shall be paid until after Substantial Completion of the Work, as defined in the General Conditions of the Contract for Construction. After Substantial Completion, if reasons for reduction in retainage are certified in writing by the Architect, a reduction to a lump sum amount less than the five percent (5%) retainage may be approved by the Owner when deemed reasonable. The minimum lump sum retainage shall be twice the estimated cost to correct deficient or incomplete work.

§ 5.1.9 Except with the Owner's prior approval, the Contractor shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site.

§ 5.2 FINAL PAYMENT

§ 5.2.1 Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Contractor when

- .1 the Contractor has fully performed the Contract except for the Contractor's responsibility to correct Work as provided in Section 12.2.2 of AIA Document A201–2007 — KDE Version, and to satisfy other requirements, if any, which extend beyond final payment;
- .2 a final Certificate for Payment has been issued by the Architect; and
- .3 the Contractor provides the Owner with affidavits that all payrolls, bills for materials, supplies and equipment, and other indebtedness connected with the Work have been paid or otherwise satisfied, and with Consent of Surety for final payment.

ARTICLE 6 DISPUTE RESOLUTION

§ 6.1 INITIAL DECISION MAKER

The Architect will serve as Initial Decision Maker pursuant to Section 15.2 of AIA Document A201–2007 — KDE Version, unless the parties appoint below another individual, not a party to this Agreement, to serve as Initial Decision Maker.

(If the parties mutually agree, insert the name, address and other contact information of the Initial Decision Maker, if other than the Architect.)

§ 6.2 BINDING DISPUTE RESOLUTION

For any Claim subject to, but not resolved by, mediation pursuant to Section 15.3 of AIA Document A201–2007 — KDE Version, the method of binding dispute resolution shall be as follows:

(Check the appropriate box. If the Owner and Contractor do not select a method of binding dispute resolution below, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, Claims will be resolved by litigation in a court of competent jurisdiction.)

- ☐ Arbitration pursuant to Section 15.4 of AIA Document A201–2007 — KDE Version
- ☒ Litigation in a court of competent jurisdiction where the Project is located
- ☐ Other: *(Specify)*

ARTICLE 7 TERMINATION OR SUSPENSION

§ 7.1 The Contract may be terminated by the Owner or the Contractor as provided in Article 14 of AIA Document A201–2007 — KDE Version.

§ 7.2 The Work may be suspended by the Owner as provided in Article 14 of AIA Document A201–2007 — KDE Version.

ARTICLE 8 MISCELLANEOUS PROVISIONS

§ 8.1 Where reference is made in this Agreement to a provision of AIA Document A201–2007 — KDE Version or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents.

§ 8.2 Payments due and unpaid under the Contract shall bear interest from the date payment is due at such rate required by state law, or in the absence of law, at the legal rate prevailing at the time and place where the Project is located.
(Insert rate of interest agreed upon, if any.)

Prime interest rate at the Owner's bank.

§ 8.3 The Owner's representative:
(Name, address and other information)

Steve Steiner/Billy Austill
Henderson County Schools
1805 Second Street
Henderson, KY 42420

§ 8.4 The Contractor's representative:
(Name, address and other information)

Mark Sanders
Mechanical Consultants, Inc.
7727 Old Highway 81
Owensboro, KY 42301

§ 8.5 Neither the Owner’s nor the Contractor’s representative shall be changed without ten days written notice to the other party.

§ 8.6 Other provisions:

ARTICLE 9 ENUMERATION OF CONTRACT DOCUMENTS

§ 9.1 The Contract Documents, except for Modifications issued after execution of this Agreement, are enumerated in the sections below.

§ 9.1.1 The Agreement is this executed AIA Document A101–2007, Standard Form of Agreement Between Owner and Contractor — KDE Version.

§ 9.1.2 The General Conditions are AIA Document A201–2007, General Conditions of the Contract for Construction — KDE Version.

§ 9.1.3 The Supplementary and other Conditions of the Contract:
(Either list Supplementary and other Conditions of the Contract here or refer to an exhibit attached to this Agreement.)

See Attached Section 00010 - PROJECT MANUAL INDEX

Document	Title	Date	Pages
----------	-------	------	-------

§ 9.1.4 The Specifications:
(Either list the Specifications here or refer to an exhibit attached to this Agreement.)

See Attached Section 00010 - PROJECT MANUAL INDEX

Section	Title	Date	Pages
---------	-------	------	-------

§ 9.1.5 The Drawings:

(Either list the Drawings here or refer to an exhibit attached to this Agreement.)

See Attached Section 00015 - DRAWING INDEX

Number	Title	Date
--------	-------	------

§ 9.1.6 The Addenda, if any:

(Either list the Addenda here or refer to an exhibit attached to this Agreement.)

Number	Date	Pages
One	2/11/2020	Three (3)
Two	3/4/2020	Fourteen (14)
Three (Post-Bid)	3/6/2020	Fifteen (15)

Portions of Addenda relating to bidding requirements are not part of the Contract Documents unless the bidding requirements are also enumerated in this Article 9.

§ 9.1.7 Additional documents, if any, forming part of the Contract Documents:

- .1 AIA Document E201™–2007, Digital Data Protocol Exhibit, if completed by the parties, or the following:

Init.

.2 Other documents, if any, listed below:

(List here any additional documents that are intended to form part of the Contract Documents. AIA Document A201–2007 — KDE Version provides that bidding requirements such as advertisement or invitation to bid, Instructions to Bidders, sample forms and the Contractor's bid are not part of the Contract Documents unless enumerated in this Agreement. They should be listed here only if intended to be part of the Contract Documents.)

- A. AIA Document A701–1997, Instructions to Bidders — KDE Version
- B. Contractor's Form of Proposal
- C. KDE Purchase Order Summary Form

ARTICLE 10 INSURANCE AND BONDS

The Contractor shall purchase and maintain insurance and provide bonds as set forth in Article 11 of AIA Document A201–2007 – KDE Version.

(State bonding requirements, if any, and limits of liability for insurance required in Article 11 of AIA Document A201–2007 – KDE Version. Either list insurance and bond information here or refer to an exhibit attached to this Agreement.)

Type of Insurance or Bond

Limit of Liability or Bond Amount (\$0.00)

This Agreement entered into as of the day and year first written above.

OWNER (Signature)

Marganna Stanley, Superintendent

(Printed name and title)

CONTRACTOR (Signature)

Mark Sanders, President

(Printed name and title)

Init.

AIA Document A101–2007. Copyright © 1915, 1918, 1925, 1937, 1951, 1958, 1961, 1963, 1967, 1974, 1977, 1987, 1991, 1997 and 2007 by The American Institute of Architects. All rights reserved. Kentucky Department of Education Version of AIA Document A101–2007. Copyright © 2014 by The American Institute of Architects. All rights reserved. **WARNING: This AIA® Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA® Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law.** This document was created on 03/12/2020 15:29:53 under license number 2010494713, and is not for resale. This document is licensed by The American Institute of Architects for one-time use only, and may not be reproduced prior to its completion.

SECTION 00010 - PROJECT MANUAL INDEX

Section 00001	TITLE SHEET	1
Section 00010	PROJECT MANUAL INDEX.....	3
Section 00015	DRAWING INDEX.....	1

**DIVISION 0 - BIDDING REQUIREMENTS, CONTRACT FORMS AND
CONDITIONS OF THE CONTRACT**

Section 00100	INVITATION TO BID	2
Section 00200	INSTRUCTIONS TO BIDDERS	9
Section 00210	KDE DIRECTIONS ON A701-1997.....	1
Section 00220	SUPPLEMENTAL INSTRUCTIONS TO BIDDERS	1
Section 00230	CERTIFICATE OF PRODUCT COMPLIANCE FOR PROPOSED SUBSTITUTED PRODUCTS	1
Section 00410	FORM OF PROPOSAL.....	11
Section 00440	BID BOND	1
Section 00450	REQUIRED AFFIDAVIT FOR BIDDERS, OFFERORS AND CONTRACTORS CLAIMING RESIDENT BIDDER STATUS	1
Section 00500	STANDARD FORM OF AGREEMENT BETWEEN OWNER AND CONTRACTOR	10
Section 00520	SUPPLEMENT TO THE STANDARD FORM OF AGREEMENT BETWEEN OWNER/CONTRACTOR.....	1
Section 00610	PERFORMANCE AND PAYMENT BONDS	8
Section 00620	APPLICATION FOR PAYMENT	1
Section 00621	CONTINUATION SHEET FORM	1
Section 00625	AFFIDAVIT OF ASSURANCES	1
Section 00626	CERTIFICATE OF INSURANCE	1
Section 00627	SUPPLEMENTAL ATTACHMENT FOR CERTIFICATE OF INSURANCE.....	1
Section 00630	CERTIFICATE OF SUBSTANTIAL COMPLETION.....	1
Section 00641	CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS	1
Section 00642	CONTRACTOR'S AFFIDAVIT OF RELEASE OF LIENS	1
Section 00643	CONSENT OF SURETY TO FINAL PAYMENT	1
Section 00644	CONSENT OF SURETY TO REDUCTION IN OR PARTIAL RELEASE OF RETAINAGE	1
Section 00700	GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION.....	41
Section 00710	KDE DIRECTIONS ON A201-2007.....	1
Section 00820	SUPPLEMENTAL CONDITIONS	2
Section 00900	CHANGE ORDER FORM	1
Section 00901	CHANGE ORDER SUPPLEMENTAL INFORMATION FORM	3
Section 00902	CONSTRUCTION CHANGE DIRECTIVE FORM	1
Section 00902	ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS FORM	1

DIVISION 1 - GENERAL REQUIREMENTS

Section 01100	SUMMARY	2
Section 01140	WORK RESTRICTIONS	3
Section 01250	CONTRACT MODIFICATION PROCEDURES.....	2
Section 01270	UNIT PRICES	2
Section 01290	PAYMENT PROCEDURES	4
Section 01310	PROJECT MANAGEMENT AND COORDINATION	5
Section 01320	CONSTRUCTION PROGRESS DOCUMENTATION	5
Section 01330	SUBMITTAL PROCEDURES.....	9
Section 01400	QUALITY REQUIREMENTS.....	6
Section 01420	REFERENCES	3
Section 01500	TEMPORARY FACILITIES AND CONTROLS.....	6
Section 01600	PRODUCT REQUIREMENTS	6
Section 01601	SUBSTITUTION REQUEST FORM.....	2
Section 01700	EXECUTION REQUIREMENTS.....	6
Section 01731	CUTTING AND PATCHING	4
Section 01732	SELECTIVE DEMOLITION	8
Section 01770	CLOSEOUT PROCEDURES.....	7

DIVISION 2 - SITEWORK: Not applicable on this Project.

DIVISION 3 - CONCRETE: Not applicable on this Project.

DIVISION 4 - MASONRY:

Section 04810	UNIT MASONRY ASSEMBLIES.....	10
---------------	------------------------------	----

DIVISIONS 5 THROUGH 8: *Not applicable on this Project.*

DIVISION 9 – FINISHES

Section 09912	PAINTING.....	8
---------------	---------------	---

DIVISION 10 THROUGH 21: *Not applicable on this Project.*

DIVISION 22 - PLUMBING

Section 220000	GENERAL PROVISIONS FOR PLUMBING.....	1
Section 220500	COMMON WORK RESULTS FOR PLUMBING.....	1
Section 223300	ELECTRIC DOMESTIC WATER HEATERS.....	3
Section 224700	DRINKING FOUNTAINS AND WATER COOLERS	3

DIVISION 23 – HEATING VENTILATING AND AIR CONDITIONING

Section 230000	GENERAL PROVISIONS FOR MECHANICAL	12
Section 230500	COMMON WORK RESULTS FOR MECHANICAL	7
Section 236426.13	AIR COOLED, ROTARY-SCREW WATER CHILLERS...	10

DIVISION 26 – ELECTRICAL

Section 260000	GENERAL PROVISIONS FOR ELECTRICAL	13
Section 260500	COMMON WORK RESULTS FOR ELECTRICAL	3
Section 260519	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES	4
Section 260526	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS.....	3
Section 260529	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS.....	5
Section 260553	IDENTIFICATION FOR ELECTRICAL SYSTEMS	4
Section 262933	HEAT TRACE FOR PIPING	4

END OF SECTION 00010

SECTION 00015 – DRAWING INDEX**SHEET NO. SHEET TITLE**

T1.1 Title Sheet

ARCHITECTURAL

A1.1 Overall and Enlarged Floor Plans

MECHANICAL / PLUMBING / ELECTRICAL

ME0.1	Mechanical – Electrical Lead Sheet
ME1.1	Mechanical – Electrical Overall Floor Plan and Drink Stations
DME2.1	Mechanical – Electrical Enlarged Demolition Plans
DME2.2	Mechanical – Electrical Enlarged Demolition Plan
ME2.1	Mechanical – Electrical Enlarged Plans
ME2.2	Mechanical – Electrical Enlarged Plan

END OF SECTION 00015

SECTION 00520 - SUPPLEMENT TO THE STANDARD FORM OF AGREEMENT
BETWEEN OWNER/CONTRACTOR1. **GENERAL**

The following supplements shall modify, delete, and/or add to the Standard Form of Agreement between the Owner and Contractor. Where any article, paragraph or subparagraph is supplemented by one of the following paragraphs, the provisions of such articles, paragraph or subparagraph shall remain in effect and the supplemental provisions shall be considered as added thereto. Where any article, paragraph or subparagraph is amended, void, or superseded by any of the following paragraphs, the provisions of such articles, paragraph or subparagraph not so amended, voided, or superseded shall remain in effect.

2. **CONTRACT AGREEMENT:**2.1. ARTICLE NO. 3 - DATE OF COMMENCEMENT AND SUBSTANTIAL
COMPLETION, Paragraph 3.3: Add the following:

The date of commencement shall be the date of the contract. Work on the water bottle filler masonry walls shall not commence on site until the school year is over, tentatively May 19, 2020, pending any weather/sickness delays.

The Substantial Completion Date for all work shall be August 1, 2020.

2.5 ARTICLE NO. 3 – DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION:

Paragraph 3.3: Modify to include the amount of liquidated damages as follows:

Liquidated Damages: As actual damages for delay in completion of Work are impossible to determine, the Contractor and his Surety shall be liable for and shall pay to the Owner the sum of \$ 300.00, not as a penalty, but as fixed, agreed and liquidated damages for each calendar day of delay until the Contract Work is substantially completed as defined in the General Conditions of the Contract for Construction. The Owner shall have the right to deduct liquidated damages from money in hand otherwise due, or to become due, to the Contractor, or to sue and recover compensation for damages for failure to substantially complete the Work within the time stipulated herein. Said liquidated damages shall cease to accrue from the date of Substantial Completion.

END OF SECTION 00520

BG No. BG 20-150

Date: March 12, 2020 To: (Owner) Henderson County Board of Education

Project Name: Henderson Co. High School Chiller Replacement Bid Package No. _____

City, County: Henderson

Name of Contractor: Mechanical Consultants Inc

Mailing Address: PO Box 22025 Owensboro, Ky 42304

Business Address: 7727 Old Hwy 81 Owensboro 42301 Telephone: 270-785-9505

Having carefully examined the Instructions to Bidders, Contract Agreement, General Conditions, Supplemental Conditions, Specifications, and Drawings, for the above referenced project, the undersigned bidder proposes to furnish all labor, materials, equipment, tools, supplies, and temporary devices required to complete the work in accordance with the contract documents and any addenda listed below for the price stated herein.

Addendum 1,2,3 (Insert the addendum numbers received or the word "none" if no addendum received.)

BASE BID: For the construction required to complete the work, in accordance with the contract documents, I/We submit the following lump sum price of:

\$ 199,200.⁰⁰

Use Figures

one hundred ninety-nine thousand two hundred Dollars & no Cents
Use Words for both dollars and cents

ALTERNATE BIDS: (If applicable and denoted in the Bidding Documents)

For omission from or addition to those items, services, or construction specified in Bidding Documents by alternate number, the following lump sum price will be added or deducted from the base bid.

Alternate Bid No.	Alternate Description	+ (Add to the Base Bid)	- (Deduct from the Base Bid)	No Cost Change (from the Base Bid)
Alt. Bid No. 1	Trane Chiller	\$ 30,000. ⁰⁰		
Alt. Bid No. 2	Chiller Integration into Existing Trane BMS	\$ 14,000. ⁰⁰		
Alt. Bid No. 3				
Alt. Bid No. 4				
Alt. Bid No. 5				
Alt. Bid No. 6				
Alt. Bid No. 7				
Alt. Bid No. 8				
Alt. Bid No. 9				
Alt. Bid No. 10				

A maximum of 10 Alternate Bids will be acceptable with each Base Bid. Do not add supplemental sheets for

Alternate Bids to this document.

LIST OF PROPOSED SUBCONTRACTORS:

List on the lines below each major branch of work and the subcontractor involved with that portion of work. If the branch of work is to be done by the Contractor, so indicate.

The listing of more than one subcontractor in a work category shall invalidate the bid.

The listing of the bidder as the subcontractor for a work category certifies that the bidder has in current employment, skilled staff and necessary equipment to complete that category. The architect/engineer will evaluate the ability of all listed subcontractors to complete the work and notify the owner. Listing of the bidder as the subcontractor may invalidate the bid should the architect's review indicate bidder does not have skilled staff and equipment to complete the work category at the time the bid was submitted.

A maximum of 40 subcontractors will be acceptable with each bid. Do not add supplemental sheets for subcontractors to this document.

The bidder shall submit the list of subcontractors with the bid.

	<u>BRANCH OF WORK</u> (to be filled out by the Architect)	<u>SUBCONTRACTOR</u> (to be filled out by the contractor)
1.	Plumbing	Mechanical Consultants Inc
2.	HVAC	Mechanical Consultants Inc
3.	HVAC Insulation (Do not list HVAC contractor)	Support Systems Inc
4.	Temperature / HVAC Controls (Do not list HVAC contractor)	Trane
5.	Electrical	State Electric
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		

17.		
	BRANCH OF WORK (to be filled out by the Architect)	SUBCONTRACTOR (to be filled out by the Contractor)
18.		
19.		
20.		
21.		
22.		
23.		
24.		
25.		
26.		
27.		
28.		
29.		
30.		
31.		
32.		
33.		
34.		
35.		
36.		
37.		
38.		
39.		
40.		

LIST OF PROPOSED SUPPLIERS AND MANUFACTURERS:

List on the lines below each major material category for this project and the suppliers and manufacturers involved with that portion of work. Listing the supplier below means the Contractor is acknowledging authorization from the Supplier to include the Supplier in this bid.

The listing of more than one supplier or manufacturer in a material category shall invalidate the bid.

A maximum of 40 suppliers and manufacturers will be acceptable with each bid. Do not add supplemental sheets for suppliers to this document.

The bidder shall submit the list of suppliers and manufacturers within one (1) hour of the bid.

	<u>MATERIAL DESCRIPTION BY SPECIFICATION DIVISION AND CATEGORY</u> (to be filled out by the Architect or Contractor)	<u>SUPPLIER</u> (to be filled out by the Contractor)	<u>MANUFACTURER</u> (to be filled out by the Contractor)
1.	Drinking Fountains / Water Coolers	Winnelson	ELKAY
2.	Domestic Water Heaters	Winnelson	AO SMITH
3.	Hydronic Valves	Winnelson	Nibco
4.	Pressure and Temperature Gauges	Plumbers Supply	Trierice
5.	Temperature / HVAC Controls	Trane	Trane
6.	Air Cooled Chillers	Thermal Equipment	Daikin
7.	HVAC Insulation	Support Services	OWENS CORNING
8.	Electrical Panel Boards	STATE ELECTRIC	SqD
9.	Wiring Devices	STATE ELECTRIC	LEVITON
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			

	<u>MATERIAL DESCRIPTION BY SPECIFICATION DIVISION AND CATEGORY</u> (to be filled out by the Architect or Contractor)	<u>SUPPLIER</u> (to be filled out by the Contractor)	<u>MANUFACTURER</u> (to be filled out by the Contractor)
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
31.			
32.			
33.			
34.			
35.			
36.			
37.			
38.			
39.			
40.			

UNIT PRICES:

Indicate on the lines below those unit prices to determine any adjustment to the contract price due to changes in work or extra work performed under this contract. The unit prices shall include the furnishing of all labor and materials, cost of all items, and overhead and profit for the Contractor, as well as any subcontractor involved. These unit prices shall be listed in units of work.

A maximum of 40 unit prices will be acceptable with each bid. Do not add supplemental sheets for unit pricing to this document.

The bidder shall submit the list of unit prices within one (1) hour of the bid.

	<u>WORK</u> (to be filled out by the Architect)	<u>PRICE / UNIT</u> (to be filled out by the Contractor)	<u>UNIT</u> (to be filled out by the Contractor)
1.	1/2-inch EMT Conduit, Installed	\$6.00	Per linear ft.
2.	4-inch EMT Conduit, Installed	\$34.75	Per linear ft.
3.	#12 Type THWN Conductor, Installed	\$0.80	Per linear ft.
4.	#10 Type THWN Conductor, Installed	\$0.90	Per linear ft.
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			

	<u>WORK</u> (to be filled out by the Architect)	<u>PRICE / UNIT</u> (to be filled out by the Contractor)	<u>UNIT</u> (to be filled out by the Contractor)
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
31.			
32.			
33.			
34.			
35.			
36.			
37.			
38.			
39.			
40.			

DIRECT MATERIAL PURCHASES:

Indicate on the lines below those materials to be purchased directly by the Owner with a Purchase Order to be issued by the Owner to the individual suppliers. The value of the direct Purchase Order cannot be less than \$5,000. Following the approval of bids, the Contractor shall formalize this list by completing and submitting the electronic Purchase Order Summary Form provided by KDE. Listing the supplier below means the Contractor is acknowledging authorization from the Supplier to include the Supplier in this bid.

A maximum of 50 POs will be acceptable with each bid. Do not add supplemental sheets for additional POs to this document.

The bidder shall submit the list of Purchase Orders within four (4) days of the bid.

	<u>SUPPLIER</u> (to be filled out by the Contractor)	<u>PURCHASE ORDER DESCRIPTION</u> (to be filled out by the Contractor)	<u>PURCHASE ORDER AMT.</u> (to be filled out by the Contractor)
1.	Owner-direct purchase orders do <u>not</u> apply to this project		
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			

	SUPPLIER (to be filled out by the Contractor)	PURCHASE ORDER DESCRIPTION (to be filled out by the Contractor)	PURCHASE ORDER AMT. (to be filled out by the Contractor)
20.	Owner-direct purchase orders do <i>not</i> apply to this project		
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
31.			
32.			
33.			
34.			
35.			
36.			
37.			
38.			
39.			
40.			
41.			
42.			
43.			
44.			

	<u>SUPPLIER</u> (to be filled out by the Contractor)	<u>PURCHASE ORDER DESCRIPTION</u> (to be filled out by the Contractor)	<u>PURCHASE ORDER AMT.</u> (to be filled out by the Contractor)
45.	Owner-direct purchase orders do <u>not</u> apply to this project		
46.			
47.			
48.			
49.			
50.			

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS:

In the event that a bidder's proposal is accepted by the Owner and such bidder should fail to execute the contract within ten (10) consecutive days from the date of notification of the awarding of the contract, the Owner, at his option, may determine that the awardee has abandoned the contract. The bidder's proposal shall then become null and void, and the bid bond or certified check which accompanied it shall be forfeited to and become the property of the Owner as liquidated damages for failure to execute the contract.

The bidder hereby agrees that failure to submit herein above all required information and/or prices can cause disqualification of this proposal.

Submitted by:

NAME OF CONTRACTOR / BIDDER: Mechanical Consultants Inc

AUTHORIZED

REPRESENTATIVE'S NAME: Mark Sanders
Signature

AUTHORIZED REPRESENTATIVE'S NAME (printed): Mark Sanders

AUTHORIZED REPRESENTATIVE'S TITLE: President

NOTICE: Bid security must accompany this proposal if the Base Bid price is greater than ~~of \$25,000.~~ \$100,000.
(change effective June 3, 2019.)

This form shall not be modified.

AIA Document A310™ – 2010

Bid Bond

CONTRACTOR:*(Name, legal status and address)***Mechanical Consultants Inc****P.O. Box 22025****Owensboro, KY 42304-2025****OWNER:***(Name, legal status and address)***Henderson County Board of Education****1805 Second St.****Henderson, KY 42420****BOND AMOUNT: 5% of Amount Bid****SURETY:***(Name, legal status and principal place of business)***Merchants National Bonding, Inc****P.O. Box 14498****Des Moines, IA 50306**

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

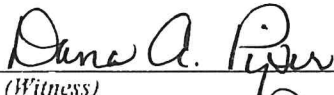
PROJECT:*(Name, location or address, and Project number, if any)***Henderson County High School Chiller Replacement**

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom, and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this

12thday of **March****2020***(Witness)**(Witness)***Mechanical Consultants Inc***(Principal)**(Title)***Merchants National Bonding, Inc***(Surety)**(Title)* **Melissa Propst, Attorney-in-Fact**

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

Init.

AIA Document A310™ – 2010. Copyright © 1963, 1970 and 2010 by The American Institute of Architects. All rights reserved. WARNING: This AIA Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law. Purchasers are permitted to reproduce ten (10) copies of this document when completed. To report copyright violations of AIA Contract Documents, e-mail The American Institute of Architects' legal counsel, copyright@aia.org.

061110

MERCHANTS
BONDING COMPANY
POWER OF ATTORNEY

Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., both being corporations of the State of Iowa (herein collectively called the "Companies") do hereby make, constitute and appoint, individually,

Adam Harris; Benjamin P Dycus; Brian L Sewell; Kenneth Albert; LaKala Carter; Melissa Propst; Steven M Baas

their true and lawful Attorney(s)-in-Fact, to sign its name as surety(ies) and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof, on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

This Power-of-Attorney is granted and is signed and sealed by facsimile under and by authority of the following By-Laws adopted by the Board of Directors of Merchants Bonding Company (Mutual) on April 23, 2011 and amended August 14, 2015 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 16, 2015.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof."

"The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner-Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 11th day of February, 2020.



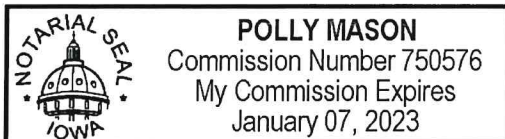
MERCHANTS BONDING COMPANY (MUTUAL)
MERCHANTS NATIONAL BONDING, INC.

By

Larry Taylor
President

STATE OF IOWA
COUNTY OF DALLAS ss.

On this 11th day of February, 2020, before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument are the Corporate Seals of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.



Polly Mason
Notary Public

(Expiration of notary's commission
does not invalidate this instrument)

I, William Warner, Jr., Secretary of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this 12th day of March, 2020.



William Warner Jr.
Secretary