

DANNY CLEMENS, DIRECTOR

TRACY PARSLEY, MAINTENANCE SUPERVISOR

THOMAS STOKES, CUSTODIAL SUPERVISOR

GEORGE BROCK, ENERGY MANAGER

DEPARTMENT OF FACILITIES

MEMO

TO: Dr. Jesse Bacon, Superintendent

FROM: Danny Clemens, Director of Facilities

Date: July 24, 2025

RE: Award of Bid Package No. 2 – Controls Contract – Bullitt Central Physical Science Center – Trane US **DC**

Requested for approval is a contract with Trane US, for Bid Package No. 2 - Controls for the Bullitt Central Physical Science Center.

.I recommend approval of this request.

Attached paperwork is listed below with *action items* noted for each:

- **A101_2007_BCPS Athletics - CENTRAL - BP2 – TRANE - For BOE Review and Signature**
- **BP2 - Bullitt Central PSC - Attachment 1 - Trane US - Project Manual Index**
- **BP2 - Bullitt Central PSC - Attachment 2 - Trane US - Drawing Index**
- **BP2 - Bullitt Central PSC - Attachment 3 - Trane US - Form of Proposal**
- **The following attachments will be provided by Trane US after award of contract:**
- **BP2 - Bullitt Central PSC - Attachment 4 - Trane US - Certificate of Insurance**
- **BP2 - Bullitt Central PSC - Attachment 5 - Trane US - Certificate of Insurance**

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BULLITT COUNTY PUBLIC SCHOOLS IS AN EQUAL EDUCATION AND EMPLOYMENT INSTITUTION

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



This version of AIA Document A101™–2007 is modified by the Kentucky Department of Education. Publication of this version of AIA Document A101–2007 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.

Cite this document as "AIA Document A101™– 2007, Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum — KDE Version," or "AIA Document A101™–2007 — KDE Version."

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 Twenty-Eighth day of July
in the year Two Thousand and Twenty-Five
(In words, indicate day, month and year.)

BETWEEN the Owner:

(Name, legal status, address and other information)
Bullitt County Public Schools Board of Education
1040 KY Hwy 44 East
Shepherdsville, Kentucky 40165
Telephone Number (502) 869-8000

and the Contractor:

(Name, legal status, address and other information)
Trane U.S.
12700 Plantside Drive
Louisville, Kentucky 40299
Telephone Number (502) 499-7000

for the following Project:

(Name, location and detailed description)

Bid Package #2: Building Automation Temperature Control
Phase III Athletics - Bullitt Central Physical Science Center

Project scope includes the installation of the Building Automation Temperature Control system for the Bullitt Central Physical Science Center.

Work will run concurrent with two other Bid Packages: Bid Package #1 – General Construction and Bid Package #3 – Technology.

The Architect:

(Name, legal status, address and other information)
Studio Kremer Architects, Inc.
1231 S Shelby Street
Louisville, Kentucky 40203
Telephone Number (502) 499-1100

The Owner and Contractor agree as follows.



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

TABLE OF ARTICLES

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- 2 THE WORK OF THIS CONTRACT
- 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
- 4 CONTRACT SUM
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- 7 TERMINATION OR SUSPENSION
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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.)

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:

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

Init.

§ 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.)

Substantial Completion to be achieved by date cited below, unless explicitly modified by Change Order.

Portion of Work

Entire Work of the Contract

Pending BP1 General Construction Schedule

Substantial Completion Date

December 1, 2026

, 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

One Thousand Dollars and No Cents per Day up to a cap of 10% of the Contract Value.

(\$ 1,000.00), 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

Three Hundred and Eighty-Seven Thousand, Six Hundred and Eighty Dollars and Zero Cents.

(\$ 387,680.00), 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	\$ 387,680.00
Sum of Accepted Alternates	\$ 0.00
Total Construction Cost (the sum of base bid amount plus sum of accepted alternates)	\$ 387,680.00
Sum of Owner's direct Purchase Orders	\$ 0.00
Contract Sum (total construction cost less Owner direct Purchase Orders)	\$ 387,680.00

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
Alternate No. 1	Owner Preferred Controls - Trane	0.00
	Total of Alternates	0.00

§ 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.)

N/A

Item	Units and Limitations	Price per Unit (\$0.00)
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§ 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.)

N/A

Item	Price
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Init.

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:

§ 5.1.3 Provided that an Application for Payment is received by the Architect not later than the First day of a month, the Owner shall make payment of the certified amount to the Contractor not later than the Fifteenth day of the same 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.

Retainage shall not be reduced to below two percent (2%) until punch is 100% complete and Owner and Architect have had a final walk-through to confirm.

§ 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.)

N/A

§ 8.3 The Owner's representative:

(Name, address and other information)

Dr. Jesse Bacon, Superintendent
Bullitt County Public Schools
1040 Highway 44 East
Shepherdsville, KY 40165

§ 8.4 The Contractor's representative:

(Name, address and other information)

Jason E. Dusch
Harshaw Trane
12700 Plantside Drive
Louisville, KY 40229

Init.

§ 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.)

Document	Title	Date	Pages
Div. 0 Specifications	Bidding and Contract Provisions	May 21, 2025	Inclusive
Div. 1 Specifications	General Requirements	May 21, 2025	Inclusive

§ 9.1.4 The Specifications:

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

Refer to Project Manual Index attached to this Agreement.

Section	Title	Date	Pages
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§ 9.1.5 The Drawings:

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

Refer to Drawing Index attached to this Agreement - work is shown in Bid Package #1 - General Construction Drawings.

Number	Title	Date
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§ 9.1.6 The Addenda, if any:

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

Number	Date	Pages
Addendum No.1	May 30, 2025	61
Addendum No.2	June 6, 2025	170

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:

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
- D. Contractor's Performance and Payment Bonds (attached to this agreement)
- E. Contractor's certificate of insurance (attached to this agreement)

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

As specified in Article 11 of AIA Document A201-2007
of the contract documents.

Limit of Liability or Bond Amount (\$0.00)

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

OWNER (Signature)

(Printed name and title)

* 

CONTRACTOR (Signature)

Craig Lindemann - ACM

(Printed name and title)

Init.

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*NOTE: Subject to your acceptance of Trane Terms and Conditions as referenced in Trane Proposal dated 6/12/2025.

Index to Specifications

Phase III Athletics
Bullitt County Public Schools
Bullitt CENTRAL Physical Science Center
BID PACKAGE 2: BUILDING AUTOMATION TEMPERATURE CONTROL
Shepherdsville, Kentucky
SKA# 2023-50 | BG-1# 25-145

BIDDING REQUIREMENTS

Section	00 01 00	Invitation to Bid
		Instructions to Bidders AIA A701 – 1997 – KDE Version (SAMPLE)
	00 20 00	Supplemental Instructions to Bidders
		KDE Form of Proposal
		Attachment A (<i>Form of Proposal</i>) – Contractor Acknowledgment of Compliance
	00 40 00	General Notes to Contractor
	00 50 00	Contractor Safety
		Bullitt County Public Schools - New Construction & Renovation Design Guidelines

CONTRACT FORMS

Section		Standard Form of Agreement Between Owner and Contractor AIA A101 – 2007 – KDE Version (SAMPLE)
	00 60 00	Terms of the Agreement Between Owner and Contractor
		General Conditions of the Contract for Construction AIA A201 – 2007 – KDE Version (SAMPLE)
	00 70 00	Supplementary Conditions to General Conditions of the Contract for Construction
		KDE Purchase Order Summary Form (SAMPLE)
		KDE Purchase Order Form (SAMPLE)
		Performance Bond & Payment Bond AIA A312 – 2010 – KDE Version (SAMPLE)

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	01 02 50	Measurement and Payment
	01 04 00	Project Coordination
	01 17 00	Storage, Protection, and Safety
	01 20 00	Project Meetings
	01 23 00	Alternates
	01 34 00	Shop Drawings, Product Data, and Samples
	01 40 00	Quality Control
	01 50 00	Temporary Facilities
	01 52 00	Submittals
	01 63 00	Substitutions

01 70 00	Contract Closeout
01 73 29	Cutting & Patching
01 78 00	Project Record Documents
01 79 00	Demonstration & Training

DIVISION 20 – MECHANICAL

Section	20 01 00	General Provisions – Mechanical
	20 02 00	Scope of the Mechanical Work
	20 03 00	Shop Drawings, Maintenance Manuals and Parts Lists

DIVISION 23 – HVAC

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DIVISION 25 – BUILDING AUTOMATION SYSTEM

Section	25 01 00	Electrical Motors and Other Electrical Requirements for Mechanical Equipment
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G1.01 BCHS BULLITT CENTRAL - CODE REVIEW AND LIFE SAFETY PLAN

CIVIL - BCHS

CD0.40 BCHS SITE DEMOLITION PLAN
C1.40 BCHS OVERALL SITE PLAN
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C1.42 BCHS SITE GRADING PLAN
C1.43 BCHS SITE STORM AND UTILITY PLAN
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S2.13 BCHS ROOF FRAMING PLAN - BCHS
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M6.01 MECHANICAL DETAILS
M6.02 MECHANICAL DETAILS
M7.01 MECHANICAL SCHEDULES
M7.02 MECHANICAL SCHEDULES
M7.03 FIELDHOUSE VENTILATION SCHEDULE
UM1.01 BCHS MECHANICAL SITE PLAN - BULLITT CENTRAL
UM1.02 BCHS MECHANICAL SITE DETAILS - BULLITT CENTRAL

ELECTRICAL - SITE - BCHS

E30.4 ELECTRICAL NOTES AND DETAILS
E31.4 BCHS PARTIAL SITE UTILITY PLAN - PHYSICAL SCIENCE CENTER DEMO
E31.5 BCHS PARTIAL SITE UTILITY PLAN - PHYSICAL SCIENCE CENTER
E31.6 BCHS PARTIAL SITE UTILITY PLAN - PHYSICAL SCIENCE CENTER

ELECTRICAL - BCHS

E0.01 ELECTRICAL LEGEND
E1.11 BCHS FIELD HOUSE FLOOR PLAN - BULLITT CENTRAL - LEVEL 1 - LIGHTING
E1.12 BCHS FIELD HOUSE FLOOR PLAN - BULLITT CENTRAL - LEVEL 2 - LIGHTING
E1.13 BCHS FIELD HOUSE FLOOR PLAN - BULLITT CENTRAL - LEVEL 1 - POW/SYS
E1.14 BCHS FIELD HOUSE FLOOR PLAN - BULLITT CENTRAL - LEVEL 2 - POW/SYS
E1.15 BCHS FIELD HOUSE FLOOR PLAN - BULLITT CENTRAL - LEVEL 1 - EQUIPMENT CONNECTIONS
E1.16 BCHS FIELD HOUSE FLOOR PLAN - BULLITT CENTRAL - LEVEL 2 - EQUIPMENT CONNECTIONS
E2.0 BULLITT CENTRAL - DEMOLITION - AREA A
E2.1 BULLITT CENTRAL - DEMOLITION - AREA B
E3.0 BULLITT CENTRAL - EMERGENCY POWER - AREA A
E3.1 BULLITT CENTRAL - EMERGENCY POWER - AREA B
E3.2 BCHS - ENLARGED EMERGENCY GENERATOR CENTRAL PLANT
E4.0 BULLITT CENTRAL - INTERCOM - AREA A
E4.1 BULLITT CENTRAL - INTERCOM - AREA B
E6.0 LIGHT FIXTURE SCHEDULE
E6.1 ELECTRICAL DETAILS
E6.2 ELECTRICAL DETAILS
E6.3 ELECTRICAL DETAILS
E6.4 ELECTRICAL DETAILS
E6.5 ELECTRICAL DETAILS
E6.6 ALTERNATE #5 - RGBW FACADE LIGHTING
E7.0 ELECTRICAL RISER
E7.1 ELECTRICAL SCHEDULE
E7.2 ELECTRICAL SCHEDULE
E7.3 ELECTRICAL SCHEDULE

BG No. 25-145

Date: 6-12-2025 To: (Owner): Bullitt County Public Schools

Project Name: Phase III Athletics - Bullitt Central Physical Science Center

Bid Package No.2
Building Automation Temperature Control

City, County: Bullitt County, Kentucky

Name of Contractor:
Trane U.S.

Mailing Address:
12700 Plantside Drive, Louisville, KY 40299

Business Address: 12700 Plantside Drive, Louisville, KY 40299 Telephone: 502-499-7000

Fax: _____

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 (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:

\$387,680.00

Use Figures

Three Hundred Eighty Seven Thousand Six Hundred Eighty Dollars & Zero Cents

Use Words

Use Words

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
No.1	Owner Preferred Controls - TRANE			<input checked="" type="checkbox"/>
Voluntary Alternate	Purchase Trane Equipment in BP-1 with Trane factory mounted controls as per Alternate 6		\$140,254.00	<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

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.

	BRANCH OF WORK (to be filled out by the Architect)	SUBCONTRACTOR (to be filled out by the contractor)
1.	Temperature Controls	Trane Louisville CSO 12700 Plantside Drive Louisville, KY 40299
2.	Temperature Control - Wiring and Electrical	K&B Electrical Services, Inc. 55 Creekside Drive Taylorsville, KY 40071
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

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 with 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.	None		
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

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 with 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>
1.	None		
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

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.	None		
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			

	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)
19.			
20.			
21.			
22.			
23.			
24.			
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39.			
40.			
41.			
42.			
43.			

	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)
44.			
45.			
46.			
47.			
48.			
49.			
50.			

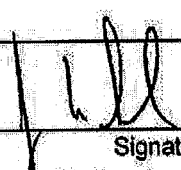
TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS:

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: Trane U.S.

AUTHORIZED REPRESENTATIVE'S NAME: 

Signature

Jason E. Dusch

AUTHORIZED REPRESENTATIVE'S NAME (printed): _____

AUTHORIZED REPRESENTATIVE'S TITLE: Senior Controls Account Manager

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.

CONTRACTOR ACKNOWLEDGEMENT OF COMPLIANCE WITH KRS 45A.343

By signing below, Contractor or Subcontractor acknowledge that it has read KRS 45A.343. Contractor or Subcontractor fully understands the effect of nondisclosure or noncompliance for failure to reveal violations of certain KRS Chapters as listed in KRS 45A.343.

2.3.7 Compliance with KRS Chapter 45A

- (a) All applicable provisions of KRS Chapter 45A regarding notice to and disclosure by contractors shall be complied with. Without limitation of the foregoing, every contract entered into by the Board shall require the contractor and all subcontractors performing work under the contract to:
 - (i) Reveal any final determinations as such term is used in KRS 45A.343 of a violation by the contractor or subcontractor within the previous five-year period pursuant to KRS Chapters 136, 139, 141, 337, 338, 341 and 342 that apply to the contractor or subcontractor; and
 - (ii) Be in continuous compliance with the provisions of KRS Chapters 136, 139, 141, 337, 338, 341 and 342 that apply to the contractor or subcontractor for the duration of the contract.
- (b) A contractor's failure to reveal such a final determination of a violation by the contractor of KRS Chapters 136, 139, 141, 337, 338, 341 and 342 or to comply with these statutes for the duration of the contract shall be grounds for the Board's:
 - (i) Cancellation of the contract; and
 - (ii) Disqualification of the contractor from eligibility for future contracts awarded by the Board for a period of two years.
- (c) A Subcontractor's failure to reveal such a final determination of a violation by the subcontractor of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 or to comply with these statutes for the duration of the contract shall be grounds for the disqualification of the subcontractor from eligibility for future contracts for a period of two years.

Contractor and or Subcontractor acknowledge that it has complied with the above requirements and have had the following violations as referenced above.

Listing of Violations (Attached separate sheet if necessary) Write "None" if no violations.

<hr/>	
<u>Trane V.S.</u>	<u>6/25</u>
Company Name	Date
<u>JASON E. DUSCH</u>	<u>[Signature]</u>
Contractor or Subcontractor (Print Name)	Contractor or Subcontractor (Signature)

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bond Number: 88130-TRA-25-04

Bid Bond

CONTRACTOR:

(Name, legal status and address)

Trane U.S. Inc.

12700 Plantside Dr.
Louisville, KY 40299

OWNER:

(Name, legal status and address)

Bullitt County Public Schools
1040 Highway 44 East
Shepherdsville, KY 40165

SURETY:

(Name, legal status and principal place of business)

Travelers Casualty and Surety Company of America

One Tower Square

Hartford, CT 06183-6014

State of Inc: Connecticut

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.

BOND AMOUNT: Five Percent of Amount Bid (5% of Amount Bid)

PROJECT:

(Name, location or address, and Project number, if any)

Bid Package #2: Building Automation Temperature Control -
Phase III Athletics - Bullitt Central Physical Science Center

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 so 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 11th day of June, 2025

Trane U.S. Inc.

(Witness)

(Principal)

(Seal)

(Title)

Travelers Casualty and Surety Company of America

(Surety)

(Seal)

(Title)

Jessica Iannotta, Attorney-in-Fact

(Witness) April D. Perez



Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint Jessica Iannotta of Morristown New Jersey, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory 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.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this 21st day of April, 2021.



State of Connecticut

City of Hartford ss.

By: Robert L. Raney

Robert L. Raney, Senior Vice President

On this the 21st day of April, 2021, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2026



Anna P. Nowik

Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is.

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is.

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is.

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this 11th day of June, 2025



Kevin E. Hughes

Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

HARTFORD, CONNECTICUT 06103

FINANCIAL STATEMENT AS OF DECEMBER 31, 2024

CAPITAL STOCK \$ 6,480,000

ASSETS		LIABILITIES & SURPLUS	
BONDS	\$ 5,357,004,447	LOSSES	\$ 1,548,031,742
STOCKS	89,502,344	LOSS ADJUSTMENT EXPENSES	109,492,904
CASH AND INVESTED CASH	66,660,826	REINSURANCE PAYABLE ON PAID LOSSES & LOSS ADJ. EXPENSES	15,140,347
OTHER INVESTED ASSETS	9,959,793	COMMISSIONS	62,360,717
SECURITIES LENDING REINVESTED COLLATERAL ASSETS	30,993,950	OTHER EXPENSES	60,104,311
INVESTMENT INCOME DUE AND ACCRUED	45,630,062	TAXES, LICENSES AND FEES	10,311,679
PREMIUM BALANCES	346,017,420	CURRENT FEDERAL AND FOREIGN INCOME TAXES	7,102,092
REINSURANCE RECOVERABLE	62,034,320	UNEARNED PREMIUMS	1,547,964,885
NET DEFERRED TAX ASSET	78,270,940	ADVANCE PREMIUM	3,970,010
UNDISTRIBUTED PAYMENTS	15,607,765	POLICYHOLDER DIVIDENDS	26,072,697
GUARANTY FUNDS RECEIVABLE OR ON DEPOSIT	2,140,727	CEDED REINSURANCE NET PREMIUMS PAYABLE	57,879,540
OTHER ASSETS	1,103,106	AMOUNTS WITHHELD / RETAINED BY COMPANY FOR OTHERS	17,071,689
		REMITTANCES AND ITEMS NOT ALLOCATED	10,455,481
		PROVISION FOR REINSURANCE	8,746,007
		PAYABLE TO PARENTS, SUBSIDIARIES AND AFFILIATES	79,937,444
		PAYABLE FOR SECURITIES LENDING	30,993,960
		ESCHEAT LIABILITY	595,014
		OTHER ACCRUED EXPENSES AND LIABILITIES	4,726
		TOTAL LIABILITIES	\$ 3,679,625,985
		CAPITAL STOCK	\$ 6,480,000
		PAID IN SURPLUS	433,803,760
		OTHER SURPLUS	1,815,349,416
		TOTAL SURPLUS TO POLICYHOLDERS	\$ 2,255,633,176
TOTAL ASSETS	\$ 6,120,059,181	TOTAL LIABILITIES & SURPLUS	\$ 6,120,659,161

STATE OF CONNECTICUT)
COUNTY OF HARTFORD) ss,
CITY OF HARTFORD)

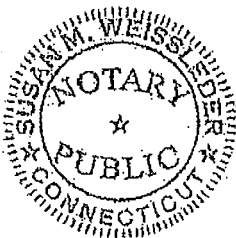
MICHAEL J. DOODY, BEING DULY SWORN, SAYS THAT HE IS VICE PRESIDENT - FINANCE, OF TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA,
AND THAT TO THE BEST OF HIS KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT STATEMENT OF THE FINANCIAL CONDITION OF SAID
COMPANY AS OF THE 31ST DAY OF DECEMBER, 2024.

Michael J. Doody
VICE PRESIDENT - FINANCE

SUBSCRIBED AND SWORN TO BEFORE ME THIS
15TH DAY OF MARCH, 2025

Susan M. Weissleder
NOTARY PUBLIC

SUSAN M. WEISSLEDER
Notary Public
My Commission Expires November 30, 2027





TRANE

Controls Proposal

Proposal is valid for 15 days.

Customer must obtain credit approval and release order to production within 60 days of proposal date.

PROPRIETARY AND CONFIDENTIAL PROPERTY OF Trane U.S. Inc.
DISTRIBUTION TO OTHER THAN THE NAMED RECIPIENT IS PROHIBITED

Prepared For: Bullitt County Schools

Date: June 12, 2025

Proposal Number: 8242426-01

Job Name:

Bullitt County Schools Physical Science Center
Bid Package #2
Bullitt Central High School Only

Delivery Terms:

Freight Allowed and Prepaid - F.O.B. Factory

Payment Terms:

Net 30 Days

Trane U.S. Inc. is pleased to provide the following proposal for your review and approval.

Project Addendum acknowledgement: 2

Coordination:

The following products are not provided and/or installed in this scope of work but are to be integrated into the Building Automation System:

- Air Handling Unit
- Dedicated Outside Air Unit
- Water-to-Water Heat Pump Chiller
- Water Source Heat Pumps
- Outside Air VAV Boxes
- Split System AC Units
- Domestic Hot Water
- Building Electric Meter
- Circulation Fans

General Project Scope:

Trane proposes to furnish web-based open protocol direct digital controls system associated with HVAC equipment for the Bullitt County Schools Physical Science Center Project in accordance the plans and specifications dated 05/21/25. **New work will tie seamlessly into the owners existing Trane Enterprise BAS system.** All required project management, controls engineering, installation, programming and system setup and sequence checkout is included as detailed below:

Detailed Scope:

- Web based Building Automation System
 - o Trane I/P based BACnet Network Controller
 - o High resolution, 3D Graphics and animation for status
 - o (1) Laptop PC

- Onsite Support
 - (12) hours of onsite support per spec section 2.2
- Owner Training
 - (8) hours of initial owner FMS training
- Commissioning Support (per Specification 230800)
 - Trane will provide up to (12) hours of labor to support Commissioning Agent Services. Additional labor will be charged at Bullitt County Schools T&M rate.
- Installation and wiring of controls.
 - All low voltage control wiring in concealed and accessible locations will be installed per NEC Class 2 (Plenum rated cable without conduit)
 - Conduit will be used in exposed mechanical spaces
- **Due to current market conditions, material production and/or delivery subject to availability.**
- This proposal is Valid for 15 days.
- Two-year warranty on all control equipment furnished by Trane.

• **Bullitt Central HVAC controls:**

- Provide Trane Network Controller
- Controls for Air Handling Unit (AHU-1) (Unit provided, installed, setup and commissioned by others)
 - Field provide and install Trane controller
 - Field provide and install control temperature sensors and control relays
 - Field provide and install Space Temperature, Humidity and CO2 Sensors
 - Tie in isolation valve (provided and installed by others)
 - Integrate Units into Trane headend
- Controls for (1) Dedicated Outside Air Handling Unit (Unit provided, installed, setup and commissioned by others)
 - **Provide and control (3) VFD's**
 - **Installation and high voltage wiring by Div. 26 contractor**
 - Field provide and install Trane controller
 - Field provide and install control temperature sensors and control relays
 - Field provide and install Space Temperature, Humidity and CO2 Sensors
 - Tie in isolation valve (provided and installed by others)
 - Integrate Units into Trane headend
- Controls for (1) Heat Pump Chiller (HPC) for DOAS-1 with factory terminal strip (provided, installed, setup and commissioned by others)
 - Field provide and install Trane controller
 - Field provide and install control relays
 - **Provide and control (2) Circulator Pump VFD's**
 - **Installation and high voltage wiring by Div. 26 contractor**
 - Provide and wire temperature sensors
 - **Installation by Mechanical Contractor**
 - Tie in isolation valve (provided and installed by others)
 - Integrate Unit into Trane headend
- Controls for (12) Water Source Heat Pumps with factory terminal strip (provided, installed, setup and commissioned by others)
 - Field provide and install Trane controller
 - Field provide and install control temperature sensors and control relays
 - Field provide and install Space Temperature and (Humidity Sensor where applicable)
 - Tie in isolation valve (provided and installed by others)
 - Integrate Units into Trane headend
- Controls for (13) Outside Air Variable Air Volume Units (provided and installed by others)

- Units to come with factory installed damper and airflow sensor
- Trane to provide VAV controller to VAV Box manufacturer to be installed at the factory
- Integrate Units into Trane headend
- Controls for (1) Unit Ventilator Water Source Heat Pump with factory terminal strip (provided, installed, setup and commissioned by others)
 - Field provide and install Trane controller
 - Field provide and install control temperature sensors and control relays
 - Field provide and install Space Temperature Sensor
 - Tie in isolation valve (provided and installed by others)
 - Integrate Units into Trane headend
- Main Mechanical Room:
 - Provide, install, wire and program Trane Programmable Controller. Connect to the following:
 - WSHP Loop Controls
 - Provide, install and wire Outside Air Temperature and Humidity Sensors
 - **Provide and control (3) Loop Pump VFD's**
 - **Installation and high voltage wiring by Div. 26 contractor**
 - Field wire (1) factory loose Differential Pressure Transmitter
 - Installation of Transmitter by mechanical contractor
 - Provide and wire temperature and flow sensors
 - Installation by Mechanical Contractor
 - Provide monitoring and control of the Make-Up Water
 - Installation of flowmeter and valve by Mechanical Contractor
 - Provide monitoring of Domestic Hot Water Heater (provided and installed by others)
 - Provide monitoring of Building Power
 - Meter provided and installed by others
 - Meter to be provided with BACnet communication interface
 - Provide control of up to (5) exterior Lighting Circuits
 - Lighting power panel provided and installed by others
 - Provide and install (1) exterior Photocell
- Monitor (1) Split AC Unit (AC-x)
 - Units to be provided with factory BACnet interface/controller by manufacturer
 - Install and terminate communication bus to Trane Network Controller
 - Integrate Units into Trane headend
 - Field install factory provided Space Temperature Sensor
- Provide low voltage wiring (< 120VAC) for (4) Gym Ceiling Fans (provided by and installed by others)
 - Trane to provide low voltage wiring of factory provided space temperature sensor and/or communication bus between ceiling fan OEM controller
 - Integrate Main Ceiling Fan Controller to Trane BAS via BACnet communication protocol

Clarifications:

- Proposal based on Split AC Units coming with factory installed and wired BACnet based Direct Digital Controllers.
- **Integration with 3rd party (non-Trane) equipment and/or systems**
 - **3rd party equipment and/or system will need to be setup, commissioned and ready for connection by factory representative**
 - **Equipment representative will need to be present (or physical verbal communication) with Trane Technician during connection process**
 - **Trane uses industry standard BACnet and LonWorks as acceptable protocols. Data to be integrated limited to the capabilities/compatibility between to the two systems.**
- Work to be done during normal working hours. Monday through Friday, 8AM to 6PM.

Not Included:

- o Anything not specifically stated in proposal
- o Controls and/or BAS Tie-In for Unit Heaters
- o Controls and/or BAS Tie-In for Exhaust Fan
- o Controls and/or BAS Tie-In for exterior buildings (Annex)
- o Mounting VFD and/or line voltage wiring
- o Provision, Installation and/or wiring of occupancy sensors or override switches
- o Smoke/Fire Dampers, smoke detectors, smoke audible/visual alarms, and/or Fire related shutdown devices or wiring other than unit emergency shutdown from smoke detector to AHUs
- o Network connections and IP addresses for building controller
- o Testing & balancing
- o Installation of valves, pipe well sensors, and differential pressure switch hydronic tubing
- o Cutting and/or patching walls, floors and/or ceilings

Proposal Prepared From the Following Documents

- Drawings: M1.01 through M7.03 dated 05/21/2025
- Specs: 250200 dated 05/21/2025
- Addm: 2
- Project Schedule: Substantial completion December 1, 2026
- Submittal time required after receiving all Contract Documents, Equipment Submittals, & fully executed purchase order: 30 calendar days

5) Pricing:

Total Project Price(Including Bond):.....\$387,680.00

Deduct for Trane Equipment with Factory Trane

Controls:.....\$140,254.00

Trane would like to thank you for this opportunity to submit our proposal on this project. If you need any additional information or would like to discuss this proposal, please feel free to contact me at 502-499-7000.

Respectfully Submitted,

Jason Dusch
Controls Sales
Trane Commercial – Kentucky and Southern Indiana
12700 Plantside Drive
Louisville, KY 40299

Trane's offer is limited to that described in the attached Trane Proposal

TERMS AND CONDITIONS - COMMERCIAL INSTALLATION

"Company" shall mean Trane U.S. Inc. for Work performed in the United States or Trane Canada ULC for Work performed in Canada.

1. **Acceptance; Agreement.** These terms and conditions are an integral part of Company's offer and form the basis of any agreement (the "Agreement") resulting from Company's proposal (the "Proposal") for the commercial goods and/or services described (the "Work"). **COMPANY'S TERMS AND CONDITIONS AND EQUIPMENT PRICES ARE SUBJECT TO PERIODIC CHANGE OR AMENDMENT.** The Proposal is subject to acceptance in writing by the party to whom this offer is made or an authorized agent ("Customer") delivered to Company within 30 days from the date of the Proposal. Prices in the Proposal are subject to change at any time upon notice to Customer. If Customer accepts the Proposal by placing an order, without the addition of any other terms and conditions of sale or any other modification, Customer's order shall be deemed acceptance of the Proposal subject to Company's terms and conditions. If Customer's order is expressly conditioned upon Company's acceptance or assent to terms and/or conditions other than those expressed herein, return of such order by Company with Company's terms and conditions attached or referenced serves as Company's notice of objection to Customer's terms and as Company's counteroffer to provide Work in accordance with the Proposal and the Company terms and conditions. If Customer does not reject or object in writing to Company within 10 days, Company's counteroffer will be deemed accepted. Notwithstanding anything to the contrary herein, Customer's acceptance of the Work by Company will in any event constitute an acceptance by Customer of Company's terms and conditions. This Agreement is subject to credit approval by Company. Upon disapproval of credit, Company may delay or suspend performance or, at its option, renegotiate prices and/or terms and conditions with Customer. If Company and Customer are unable to agree on such revisions, this Agreement shall be cancelled without any liability, other than Customer's obligation to pay for Work rendered by Company to the date of cancellation.

2. **Connected Services.** In addition to these terms and conditions, the Connected Services Terms of Service ("Connected Services Terms"), available at <https://www.trane.com/TraneConnectedServicesTerms>, as updated from time to time, are incorporated herein by reference and shall apply to the extent that Company provides Customer with Connected Services, as defined in the Connected Services Terms.

3. **Title and Risk of Loss.** All Equipment sales with destinations to Canada or the U.S. shall be made as follows: FOB Company's U.S. manufacturing facility or warehouse (full freight allowed). Title and risk of loss or damage to Equipment will pass to Customer upon tender of delivery of such to carrier at Company's U.S. manufacturing facility or warehouse.

4. **Pricing and Taxes.** Unless otherwise noted, the price in the Proposal includes standard ground transportation and, if required by law, all sales, consumer, use and similar taxes legally enacted as of the date hereof for equipment and material installed by Company. Tax exemption is contingent upon Customer furnishing appropriate certificates evidencing Customer's tax-exempt status. Company shall charge Customer additional costs for bonds agreed to be provided. Equipment sold on an uninstalled basis and any taxable labor/labour do not include sales tax and taxes will be added. Within thirty (30) days following Customer acceptance of the Proposal without addition of any other terms and conditions of sale or any modification, Customer shall provide notification of release for immediate production at Company's factory. Prices for Work are subject to change at any time prior to shipment to reflect any cost increases related to the manufacture, supply, and shipping of goods. This includes, but is not limited to, cost increases in raw materials, supplier components, labor, utilities, freight, logistics, wages and benefits, regulatory compliance, or any other event beyond Company's control. If such release is not received within 6 months after date of order receipt, Company reserves the right to cancel any order. If shipment is delayed due to Customer's actions, Company may also charge Customer storage fees. Company shall be entitled to equitable adjustments in the contract price to reflect any cost increases as set forth above and will provide notice to Customer prior to the date for which the increased price is to be in effect for the applicable customer contract. In no event will prices be decreased.

5. **Exclusions from Work.** Company's obligation is limited to the Work as defined and does not include any modifications to the Work site under the Americans With Disabilities Act or any other law or building code(s). In no event shall Company be required to perform work Company reasonably believes is outside of the defined Work without a written change order signed by Customer and Company.

6. **Performance.** Company shall perform the Work in accordance with industry standards generally applicable in the area under similar circumstances as of the time Company performs the Work. Company may refuse to perform any Work where working conditions could endanger property or put at risk the safety of persons. Unless otherwise agreed to by Customer and Company, at Customer's expense and before the Work begins, Customer will provide any necessary access platforms, catwalks to safely perform the Work in compliance with OSHA or state industrial safety regulations.

7. **Payment.** Customer shall pay Company's invoices within net 30 days of invoice date. Company may invoice Customer for all equipment or material furnished, whether delivered to the installation site or to an off-site storage facility and for all Work performed on-site or off-site. No retention shall be withheld from any payments except as expressly agreed in writing by Company, in which case retention shall be reduced per the contract documents and released no later than the date of substantial completion. Under no circumstances shall any retention be withheld for the equipment portion of the order. If payment is not received as required, Company may suspend performance and the time for completion shall be extended for a reasonable period of time not less than the period of suspension. Customer shall be liable to Company for all reasonable shutdown, standby and start-up costs as a result of the suspension. Company reserves the right to add to any account outstanding for more than 30 days a service charge equal to 1.5% of the principal amount due at the end of each month. Customer shall pay all costs (including attorneys' fees) incurred by Company in attempting to collect amounts due and otherwise enforcing these terms and conditions. If requested, Company will provide appropriate lien waivers upon receipt of payment. Customer agrees that, unless Customer makes payment in advance, Company will have a purchase money security interest in all equipment from Company to secure payment in full of all amounts due Company and its order for the equipment, together with these terms and conditions, form a security agreement. Customer shall keep the equipment free of all taxes and encumbrances, shall not remove the equipment from its original installation point and shall not assign or transfer any interest in the equipment until all payments due Company have been made.

8. **Time for Completion.** Except to the extent otherwise expressly agreed in writing signed by an authorized representative of Company, all dates provided by Company or its representatives for commencement, progress or completion are estimates only. While Company shall use commercially reasonable efforts to meet such estimated dates, Company shall not be responsible for any damages for its failure to do so. Delivery dates are approximate and not guaranteed. Company will use commercially reasonable efforts to deliver the Equipment on or before

the estimated delivery date, will notify Customer if the estimated delivery dates cannot be honored, and will deliver the Equipment and services as soon as practicable thereafter. In no event will Company be liable for any damages or expenses caused by delays in delivery.

9. Access. Company and its subcontractors shall be provided access to the Work site during regular business hours, or such other hours as may be requested by Company and acceptable to the Work site owner or tenant for the performance of the Work, including sufficient areas for staging, mobilization, and storage. Company's access to correct any emergency condition shall not be restricted. Customer grants to Company the right to remotely connect (via phone modem, internet or other agreed upon means) to Customer's building automation system (BAS) and/or HVAC equipment to view, extract, or otherwise collect and retain data from the BAS, HVAC equipment, or other building systems, and to diagnose and remotely make repairs at Customer's request.

10. Completion. Notwithstanding any other term or condition herein, when Company informs Customer that the Work has been completed, Customer shall inspect the Work in the presence of Company's representative, and Customer shall either (a) accept the Work in its entirety in writing, or (b) accept the Work in part and specifically identify, in writing, any exception items. Customer agrees to re-inspect any and all excepted items as soon as Company informs Customer that all such excepted items have been completed. The initial acceptance inspection shall take place within ten (10) days from the date when Company informs Customer that the Work has been completed. Any subsequent re-inspection of excepted items shall take place within five (5) days from the date when Company informs Customer that the excepted items have been completed. Customer's failure to cooperate and complete any of said inspections within the required time limits shall constitute complete acceptance of the Work as of ten (10) days from date when Company informs Customer that the Work, or the excepted items, if applicable, has/have been completed.

11. Permits and Governmental Fees. Company shall secure (with Customer's assistance) and pay for building and other permits and governmental fees, licenses, and inspections necessary for proper performance and completion of the Work which are legally required when bids from Company's subcontractors are received, negotiations thereon concluded, or the effective date of a relevant Change Order, whichever is later. Customer is responsible for necessary approvals, easements, assessments and charges for construction, use or occupancy of permanent structures or for permanent changes to existing facilities. If the cost of such permits, fees, licenses and inspections are not included in the Proposal, Company will invoice Customer for such costs.

12. Utilities During Construction. Customer shall provide without charge to Company all water, heat, and utilities required for performance of the Work.

13. Concealed or Unknown Conditions. In the performance of the Work, if Company encounters conditions at the Work site that are (i) subsurface or otherwise concealed physical conditions that differ materially from those indicated on drawings expressly incorporated herein or (ii) unknown physical conditions of an unusual nature that differ materially from those conditions ordinarily found to exist and generally recognized as inherent in construction activities of the type and character as the Work, Company shall notify Customer of such conditions promptly, prior to significantly disturbing same. If such conditions differ materially and cause an increase in Company's cost of, or time required for, performance of any part of the Work, Company shall be entitled to, and Customer shall consent by Change Order to, an equitable adjustment in the Contract Price, contract time, or both.

14. Pre-Existing Conditions. Company is not liable for any claims, damages, losses, or expenses, arising from or related to conditions that existed in, on, or upon the Work site before the Commencement Date of this Agreement ("Pre-Existing Conditions"), including, without limitation, damages, losses, or expenses involving Pre-Existing Conditions of building envelope issues, mechanical issues, plumbing issues, and/or indoor air quality issues involving mold/mould and/or fungi. Company also is not liable for any claims, damages, losses, or expenses, arising from or related to work done by or services provided by individuals or entities that are not employed by or hired by Company.

15. Asbestos and Hazardous Materials. Company's Work and other services in connection with this Agreement expressly excludes any identification, abatement, cleanup, control, disposal, removal or other work connected with asbestos, polychlorinated biphenyl ("PCB"), or other hazardous materials (hereinafter, collectively, "Hazardous Materials"). Customer warrants and represents that, except as set forth in a writing signed by Company, there are no Hazardous Materials on the Work site that will in any way affect Company's Work and Customer has disclosed to Company the existence and location of any Hazardous Materials in all areas within which Company will be performing the Work. Should Company become aware of or suspect the presence of Hazardous Materials, Company may immediately stop work in the affected area and shall notify Customer. Customer will be exclusively responsible for taking any and all action necessary to correct the condition in accordance with all applicable laws and regulations. Customer shall be exclusively responsible for and, to the fullest extent permitted by law, shall indemnify and hold harmless Company (including its employees, agents and subcontractors) from and against any loss, claim, liability, fees, penalties, injury (including death) or liability of any nature, and the payment thereof arising out of or relating to any Hazardous Materials on or about the Work site, not brought onto the Work site by Company. Company shall be required to resume performance of the Work in the affected area only in the absence of Hazardous Materials or when the affected area has been rendered harmless. In no event shall Company be obligated to transport or handle Hazardous Materials, provide any notices to any governmental agency, or examine the Work site for the presence of Hazardous Materials.

16. Force Majeure. Company's duty to perform under this Agreement is contingent upon the non-occurrence of an Event of Force Majeure. If Company shall be unable to carry out any material obligation under this Agreement due to an Event of Force Majeure, this Agreement shall at Company's election (i) remain in effect but Company's obligations shall be suspended until the uncontrollable event terminates or (ii) be terminated upon 10 days' notice to Customer, in which event Customer shall pay Company for all parts of the Work furnished to the date of termination. An "Event of Force Majeure" shall mean any cause or event beyond the control of Company. Without limiting the foregoing, "Event of Force Majeure" includes: acts of God; acts of terrorism, war or the public enemy; flood; earthquake; tornado; storm; fire; civil disobedience; pandemic insurrections; riots; labor/labour disputes; labor/labour or material shortages; sabotage; restraint by court order or public authority (whether valid or invalid), and action or non-action by or inability to obtain or keep in force the necessary governmental authorizations, permits, licenses, certificates or approvals if not caused by Company; and the requirements of any applicable government in any manner that diverts either the material or the finished product to the direct or indirect benefit of the government.

17. Customer's Breach. Each of the following events or conditions shall constitute a breach by Customer and shall give Company the right, without an election of remedies, to terminate this Agreement or suspend performance by delivery of written notice: (1) Any failure by Customer to pay amounts when due; or (2) any general assignment by Customer for the benefit of its creditors, or if Customer becomes bankrupt or insolvent or takes the benefit of any statute for bankrupt or insolvent debtors, or makes or proposes to make any proposal or arrangement with creditors, or if any steps are taken for the winding up or other termination of Customer or the liquidation of its assets, or if a trustee, receiver, or similar person is appointed over any of the assets or interests of Customer; (3) Any representation or warranty furnished by Customer in this Agreement is false or misleading in any material respect when made; or (4) Any failure by Customer to perform or comply with any material provision of this Agreement. Customer shall be liable to Company for all Work furnished to date and all damages sustained by Company (including lost profit and overhead).

18. Indemnity. To the fullest extent permitted by law, Company and Customer shall indemnify, defend and hold harmless each other from any and all claims, actions, costs, expenses, damages and liabilities, including reasonable attorneys' fees, resulting from death or bodily injury or damage to real or tangible personal property, to the extent caused by the negligence or misconduct of their respective employees or other authorized agents in connection with their activities within the scope of this Agreement. Neither party shall indemnify the other against claims, damages, expenses or liabilities to the extent attributable to the acts or omissions of the other party. If the parties are both at fault, the obligation to indemnify shall be proportional to their relative fault. The duty to indemnify will continue in full force and effect, notwithstanding the expiration or early termination hereof, with respect to any claims based on facts or conditions that occurred prior to expiration or termination.

19. Limitation of Liability. NOTWITHSTANDING ANYTHING TO THE CONTRARY, IN NO EVENT SHALL COMPANY BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT CONSEQUENTIAL, OR PUNITIVE OR EXEMPLARY DAMAGES (INCLUDING WITHOUT LIMITATION BUSINESS INTERRUPTION, LOST DATA, LOST REVENUE, LOST PROFITS, LOST DOLLAR SAVINGS, OR LOST ENERGY USE SAVINGS, INCLUDING CONTAMINANTS LIABILITIES, EVEN IF A PARTY HAS BEEN ADVISED OF SUCH POSSIBLE DAMAGES OR IF SAME WERE REASONABLY FORESEEABLE AND REGARDLESS OF WHETHER THE CAUSE OF ACTION IS FRAMED IN CONTRACT, NEGLIGENCE, ANY OTHER TORT, WARRANTY, STRICT LIABILITY, OR PRODUCT LIABILITY). In no event will Company's liability in connection with the provision of products or services or otherwise under this Agreement exceed the entire amount paid to Company by Customer under this Agreement.

20. CONTAMINANTS LIABILITY

The transmission of COVID-19 may occur in a variety of ways and circumstances, many of the aspects of which are currently not known. HVAC systems, products, services and other offerings have not been tested for their effectiveness in reducing the spread of COVID-19, including through the air in closed environments. IN NO EVENT WILL COMPANY BE LIABLE UNDER THIS AGREEMENT OR OTHERWISE FOR ANY INDEMNIFICATION, ACTION OR CLAIM, WHETHER BASED ON WARRANTY, CONTRACT, TORT OR OTHERWISE, FOR ANY BODILY INJURY (INCLUDING DEATH), DAMAGE TO PROPERTY, OR ANY OTHER LIABILITIES, DAMAGES OR COSTS RELATED TO CONTAMINANTS (INCLUDING THE SPREAD, TRANSMISSION, MITIGATION, ELIMINATION, OR CONTAMINATION THEREOF) (COLLECTIVELY, "CONTAMINANT LIABILITIES") AND CUSTOMER HEREBY EXPRESSLY RELEASES COMPANY FROM ANY SUCH CONTAMINANTS LIABILITIES.

21. Patent Indemnity. Company shall protect and indemnify Customer from and against all claims, damages, judgments and loss arising from infringement or alleged infringement of any United States patent by any of the goods manufactured by Company and delivered hereunder, provided that in the event of suit or threat of suit for patent infringement, Company shall promptly be notified and given full opportunity to negotiate a settlement. Company does not warrant against infringement by reason of Customer's design of the articles or the use thereof in combination with other materials or in the operation of any process. In the event of litigation, Customer agrees to reasonably cooperate with Company. In connection with any proceeding under the provisions of this Section, all parties concerned shall be entitled to be represented by counsel at their own expense.

22. Limited Warranty. Company warrants for a period of 12 months from the date of substantial completion ("Warranty Period") commercial equipment manufactured and installed by Company against failure due to defects in material and manufacture and that the labor/labour furnished is warranted to have been properly performed (the "Limited Warranty"). Trane equipment sold on an uninstalled basis is warranted in accordance with Company's standard warranty for supplied equipment. Product manufactured by Company that includes required startup and is sold in North America will not be warranted by Company unless Company performs the product start-up. Substantial completion shall be the earlier of the date that the Work is sufficiently complete so that the Work can be utilized for its intended use or the date that Customer receives beneficial use of the Work. If such defect is discovered within the Warranty Period, Company will correct the defect or furnish replacement equipment (or, at its option, parts therefor) and, if said equipment was installed pursuant hereto, labor/labour associated with the replacement of parts or equipment not conforming to this Limited Warranty. Defects must be reported to Company within the Warranty Period. Exclusions from this Limited Warranty include damage or failure arising from: wear and tear; corrosion, erosion, deterioration; Customer's failure to follow the Company-provided maintenance plan; refrigerant not supplied by Company; and modifications made by others to Company's equipment. Company shall not be obligated to pay for the cost of lost refrigerant. Notwithstanding the foregoing, all warranties provided herein terminate upon termination or cancellation of this Agreement. No warranty liability whatsoever shall attach to Company until the Work has been paid for in full and then said liability shall be limited to the lesser of Company's cost to correct the defective Work and/or the purchase price of the equipment shown to be defective. Equipment, material and/or parts that are not manufactured by Company ("Third-Party Product(s)") are not warranted by Company and have such warranties as may be extended by the respective manufacturer. CUSTOMER UNDERSTANDS THAT COMPANY IS NOT THE MANUFACTURER OF ANY THIRD-PARTY PRODUCT(S) AND ANY WARRANTIES, CLAIMS, STATEMENTS, REPRESENTATIONS, OR SPECIFICATIONS ARE THOSE OF THE THIRD-PARTY MANUFACTURER, NOT COMPANY AND CUSTOMER IS NOT RELYING ON ANY WARRANTIES, CLAIMS, STATEMENTS, REPRESENTATIONS, OR SPECIFICATIONS REGARDING THE THIRD-PARTY PRODUCT THAT MAY BE PROVIDED BY COMPANY OR ITS AFFILIATES, WHETHER ORAL OR WRITTEN. THE WARRANTY AND LIABILITY SET FORTH IN THIS AGREEMENT ARE IN LIEU OF ALL OTHER WARRANTIES AND LIABILITIES, WHETHER IN CONTRACT OR IN NEGLIGENCE, EXPRESS OR IMPLIED, IN LAW OR IN FACT, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND/OR OTHERS ARISING FROM COURSE OF DEALING OR TRADE. COMPANY MAKES NO REPRESENTATION OR WARRANTY, OF ANY KIND, INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. ADDITIONALLY, COMPANY MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND REGARDING PREVENTING, ELIMINATING, REDUCING OR INHIBITING ANY MOLD, FUNGUS, BACTERIA, VIRUS, MICROBIAL GROWTH, OR ANY OTHER CONTAMINANTS (INCLUDING COVID-19 OR ANY SIMILAR VIRUS) (COLLECTIVELY, "CONTAMINANTS"), WHETHER INVOLVING OR IN CONNECTION WITH EQUIPMENT, ANY COMPONENT THEREOF, SERVICES OR OTHERWISE. IN NO EVENT SHALL COMPANY HAVE ANY LIABILITY FOR THE PREVENTION, ELIMINATION, REDUCTION OR INHIBITION OF THE GROWTH OR SPREAD OF SUCH CONTAMINANTS INVOLVING OR IN CONNECTION WITH ANY EQUIPMENT, THIRD-PARTY PRODUCT, OR ANY COMPONENT THEREOF, SERVICES OR OTHERWISE AND CUSTOMER HEREBY SPECIFICALLY ACKNOWLEDGES AND AGREES THERETO.

23. Insurance. Company agrees to maintain the following insurance while the Work is being performed with limits not less than shown below and will, upon request from Customer, provide a Certificate of evidencing the following coverage:

Commercial General Liability	\$2,000,000 per occurrence
Automobile Liability	\$2,000,000 CSL
Workers Compensation	Statutory Limits

If Customer has requested to be named as an additional insured under Company's insurance policy, Company will do so but only subject to Company's manuscript additional insured endorsement under its primary Commercial General Liability policies. In no event does Company waive its right of subrogation.

24. Commencement of Statutory Limitation Period. Except as to warranty claims, as may be applicable, any applicable statutes of limitation for acts or failures to act shall commence to run, and any alleged cause of action stemming therefrom shall be deemed to have accrued, in any and all events not later than the last date that Company or its subcontractors physically performed work on the project site.

25. General. Except as provided below, to the maximum extent provided by law, this Agreement is made and shall be interpreted and enforced in accordance with the laws of the state or province in which the Work is performed, without regard to choice of law principles which might otherwise call for the application of a different state's or province's law. Any dispute arising under or relating to this Agreement that is not disposed of by agreement shall be decided by litigation in a court of competent jurisdiction located in the state or province in which the Work is performed. To the extent the Work site is owned and/or operated by any agency of the Federal Government, determination of any substantive issue of law shall be according to the Federal common law of Government contracts as enunciated and applied by Federal judicial bodies and boards of contract appeals of the Federal Government. This Agreement contains all of the agreements, representations and understandings of the parties and supersedes all previous understandings, commitments or agreements, oral or written, related to the subject matter hereof. This Agreement may not be amended, modified or terminated except by a writing signed by the parties hereto. No documents shall be incorporated herein by reference except to the extent Company is a signatory thereon. If any term or condition of this Agreement is invalid, illegal or incapable of being enforced by any rule of law, all other terms and conditions of this Agreement will nevertheless remain in full force and effect as long as the economic or legal substance of the transaction contemplated hereby is not affected in a manner adverse to any party hereto. Customer may not assign, transfer, or convey this Agreement, or any part hereof, or its right, title or interest herein, without the written consent of the Company. Subject to the foregoing, this Agreement shall be binding upon and inure to the benefit of Customer's permitted successors and assigns. This Agreement may be executed in several counterparts, each of which when executed shall be deemed to be an original, but all together shall constitute but one and the same Agreement. A fully executed facsimile copy hereof or the several counterparts shall suffice as an original.

26. Federal Requirements. The Parties shall comply with all United States federal labor law obligations under 29 CFR part 471, appendix A to subpart A. THE FOLLOWING PROVISIONS ARE INCORPORATED HEREIN BY REFERENCE: Executive Order 11701 and 41 CFR §§ 60-250.5(a), 60-300.5; Executive Order 11758 and 41 CFR § 60-741.5(a); U.S. immigration laws, including the L-1 Visa Reform Act of 2004 and the H-1B Visa Reform Act of 2004; and Executive Order 13496. The Parties shall abide by the requirements of 41 CFR 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to protected veteran status or disability. The Parties certify that they do not operate any programs promoting DEI that violate any applicable United States anti-discrimination laws and acknowledge and agree that their compliance with all applicable federal anti-discrimination laws is material to the federal government's payment decisions. The Parties acknowledge and agree that their employment, procurement, and contracting practices shall not consider race, color, sex, sexual preference, religion, or national origin in ways that violate United States federal civil rights laws.

27. Export Laws. The obligation of Company to supply Equipment and/or Services under this Agreement is subject to the ability of Company to supply such items consistent with applicable laws and regulations of the United States and other governments. Company reserves the right to refuse to enter into or perform any order, and to cancel any order, under this Agreement if Company in its sole discretion determines that performance of the transaction to which such order relates would violate any such applicable law or regulation. Customer will pay all handling and other similar costs from Company's factories including the costs of freight, insurance, export clearances, import duties and taxes. Customer will be "exporter of record" with respect to any export from the United States of America and will perform all compliance and logistics functions in connection therewith and will also comply with all applicable laws, rules and regulations. Customer understands that Company and/or the Equipment and/or Services are subject to laws and regulations of the United States of America which may require licensing or authorization for and/or prohibit export, re-export or diversion of Company's Equipment and/or Services to certain countries, and agrees it will not knowingly assist or participate in any such diversion or other violation of applicable United States of America laws and regulations. Customer agrees to hold harmless and indemnify Company for any damages resulting to Customer or Company from a breach of this paragraph by Customer.

28. U.S. Government Work.

The following provision applies only to direct sales by Company to the US Government. The Parties acknowledge that all items or services ordered and delivered under this Agreement are Commercial Items as defined under Part 12 of the Federal Acquisition Regulation (FAR). In particular, Company agrees to be bound only by those Federal contracting clauses that apply to "commercial" suppliers and that are contained in FAR 52.212-5(e)(1). Company complies with 52.219-8 or 52.219-9 in its service and installation contracting business.

The following provision applies only to indirect sales by Company to the US Government. As a Commercial Item Subcontractor, Company accepts only the following mandatory flow down provisions in effect as of the date of this subcontract: 52.203-19; 52.204-21; 52.204-23; 52.219-8; 52.222-21; 52.222-26; 52.222-35; 52.222-36; 52.222-50; 52.225-26; 52.247-64. If the Work is in connection with a U.S. Government contract, Customer certifies that it has provided and will provide current, accurate, and complete information, representations and certifications to all government officials, including but not limited to the contracting officer and officials of the Small Business Administration, on all matters related to the prime contract, including but not limited to all aspects of its ownership, eligibility, and performance. Anything herein notwithstanding, Company will have no obligations to Customer unless and until Customer provides Company with a true, correct and complete executed copy of the prime contract. Upon request, Customer will provide copies to Company of all requested written communications with any government official related to the prime contract prior to or concurrent with the execution thereof, including but not limited to any communications related to Customer's ownership, eligibility or performance of the prime contract. Customer will obtain written authorization and approval from Company prior to providing any government official any information about Company's performance of the work that is the subject of the Proposal or this Agreement, other than the Proposal or this Agreement.

29. Limited Waiver of Sovereign Immunity. If Customer is an Indian tribe (in the U.S.) or a First Nation or Band Council (in Canada), Customer, whether acting in its capacity as a government, governmental entity, a duly organized corporate entity or otherwise, for itself and for its agents, successors, and assigns: (1) hereby provides this limited waiver of its sovereign immunity as to any damages, claims, lawsuit, or cause of action (herein "Action") brought against Customer by Company and arising or alleged to arise out of the furnishing by Company of any product or service under this Agreement, whether such Action is based in contract, tort, strict liability, civil liability or any other legal theory; (2) agrees that jurisdiction and venue for any such Action shall be proper and valid (a) if Customer is in the U.S., in any state or United States court located in the state in which Company is performing this Agreement or (b) if Customer is in Canada, in the superior court of the province

or territory in which the work was performed; (3) expressly consents to such Action, and waives any objection to jurisdiction or venue; (4) waives any requirement of exhaustion of tribal court or administrative remedies for any Action arising out of or related to this Agreement; and (5) expressly acknowledges and agrees that Company is not subject to the jurisdiction of Customer's tribal court or any similar tribal forum, that Customer will not bring any action against Company in tribal court, and that Customer will not avail itself of any ruling or direction of the tribal court permitting or directing it to suspend its payment or other obligations under this Agreement. The individual signing on behalf of Customer warrants and represents that such individual is duly authorized to provide this waiver and enter into this Agreement and that this Agreement constitutes the valid and legally binding obligation of Customer, enforceable in accordance with its terms.

30. Building Automation Systems and Network Security. Customer and Trane acknowledge that Building Automation System (BAS) and connected networks security requires Customer and Trane to maintain certain cybersecurity obligations. Customer acknowledges that upon completion of installation and configuration of the BAS, the Customer maintains ownership of the BAS and the connected network equipment. Except for any applicable warranty obligations, Customer is solely responsible for the maintenance and security of the BAS and related networks and systems. In the event there is a service agreement between Trane and Customer, Trane will provide the services as set forth in the service agreement.

In order to maintain a minimum level of security for the BAS, associated networks, network equipment and systems, Customer's cybersecurity responsibilities include without limitation:

1. Ensure that the BAS, networks, and network equipment are physically secure and not accessible to unauthorized personnel.
2. Ensure the BAS remains behind a secure firewall and properly segmented from all other customer networks and systems, especially those with sensitive information.
3. Keep all inbound ports closed to any IP Addresses in the BAS.
4. Remove all forwarded inbound ports and IP Addresses to the BAS.
5. Maintain user login credentials and unique passwords, including the use of strong passwords and the removal of access for users who no longer require access.
6. Where remote access is desired, utilize a secure method such as Trane Connect Secure Remote Access or your own VPN.
7. For any Trane services requiring remote data transfer and/or remote user access, configure the BAS and related firewall(s) per instructions provided by Trane. This typically includes configuring Port 443 and associated firewall(s) for Outbound only.
8. Perform regular system maintenance to ensure that your BAS is properly secured, including regular software updates to your BAS and related network equipment (i.e., firewalls).

Any and all claims, actions, losses, expenses, costs, damages, or liabilities of any nature due to Customer's failure to maintain BAS security responsibilities and/or industry standards for cybersecurity are the sole responsibility of the Customer.

1-26.251-10(0325)

Supersedes 1-26.251-10(0225)

SECURITY ADDENDUM

This Addendum shall be applicable to the sale, installation and use of Trane equipment and the sale and provision of Trane services. "Trane" shall mean Trane U.S. Inc. for sales and services in the United States, or Trane Canada ULC for sales and services in Canada.

1. **Definitions.** All terms used in this Addendum shall have the meaning specified in the Agreement unless otherwise defined herein.

For the purposes of this Addendum, the following terms are defined as follows:

"Customer Data" means Customer account information as related to the Services only and does not include HVAC Machine Data or personal data. Trane does not require, nor shall Customer provide personal data to Trane under the Agreement. Such data is not required for Trane to provide its Equipment and/or Services to the Customer.

"Equipment" shall have the meaning set forth in the Agreement.

"HVAC Machine Data" means data generated and collected from the product or furnished service without manual entry. HVAC Machine Data is data relating to the physical measurements and operating conditions of a HVAC system, such as but not limited to, temperatures, humidity, pressure, HVAC equipment status. HVAC Machine Data does not include Personal Data and, for the purposes of this agreement, the names of users of Trane's controls products or hosted applications shall not be Personal Data, if any such user chooses to use his/her name(s) in the created accounts within the controls product (e.g., firstname.lastname@address.com). HVAC Machine Data may be used by Trane: (a) to provide better support services and/or products to users of its products and services; (b) to assess compliance with Trane terms and conditions; (c) for statistical or other analysis of the collective characteristics and behaviors of product and services users; (d) to backup user and other data or information and/or provide remote support and/or restoration; (e) to provide or undertake: engineering analysis; failure analysis; warranty analysis; energy analysis; predictive analysis; service analysis; product usage analysis; and/or other desirable analysis; including, but not limited to, histories or trends of any of the foregoing; and (f) to otherwise understand and respond to the needs of users of the product or furnished service. **"Personal Data"** means data and/or information that is owned or controlled by Customer, and that names or identifies, or is about a natural person, such as: (i) data that is explicitly defined as a regulated category of data under any data privacy laws applicable to Customer; (ii) non-public personal information ("NPI") or personal information ("PI"), such as national identification number, passport number, social security number, social insurance number, or driver's license number; (iii) health or medical information, such as insurance information, medical prognosis, diagnosis information, or genetic information; (iv) financial information, such as a policy number, credit card number, and/or bank account number; (v) personally identifying technical information (whether transmitted or stored in cookies, devices, or otherwise), such as IP address, MAC address, device identifier, International Mobile Equipment Identifier ("IMEI"), or advertising identifier; (vi) biometric information; and/or (vii) sensitive personal data, such as, race, religion, marital status, disability, gender, sexual orientation, geolocation, or mother's maiden name.

"Security Incident" shall refer to (i) a compromise of any network, system, application or data in which Customer Data has been accessed or acquired by an unauthorized third party; (ii) any situation where Trane reasonably suspects that such compromise may have occurred; or (iii) any actual or reasonably suspected unauthorized or illegal Processing, loss, use, disclosure or acquisition of or access to any Customer Data.

"Services" shall have the meaning set forth in the Agreement.

2. **HVAC Machine Data Access to Customer Extranet and Third Party Systems.** If Customer grants Trane access to HVAC Machine Data via web portals or other non-public websites or extranet services on Customer's or a third party's website or system (each, an "Extranet"), Trane will comply with the following:

- a. Accounts. Trane will ensure that Trane's personnel use only the Extranet account(s) designated by Customer and will require Trane personnel to keep their access credentials confidential.
 - b. Systems. Trane will access the Extranet only through computing or processing systems or applications running operating systems managed by Trane that include: (i) system network firewalls; (ii) centralized patch management; (iii) operating system appropriate anti-malware software; and (iv) for portable devices, full disk encryption.
 - c. Restrictions. Unless otherwise approved by Customer in writing, Trane will not download, mirror or permanently store any HVAC Machine Data from any Extranet on any medium, including any machines, devices or servers.
 - d. Account Termination. Trane will terminate the account of each of Trane's personnel in accordance with Trane's standard practices after any specific Trane personnel who has been authorized to access any Extranet (1) no longer needs access to HVAC Machine Data or (2) no longer qualifies as Trane personnel (e.g., the individual leaves Trane's employment).
 - e. Third Party Systems. Trane will provide Customer prior notice before it uses any third party system that stores or may otherwise have access to HVAC Machine Data, unless (1) the data is encrypted and (2) the third party system will not have access to the decryption key or unencrypted "plain text" versions of the HVAC Machine Data.
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3. Customer Data Confidentiality. Trane shall keep confidential, and shall not access or use any Customer Data and information that is marked confidential or by its nature is considered confidential ("Customer Confidential Information") other than for the purpose of providing the Equipment and Services, and will disclose Customer Confidential Information only: (i) to Trane's employees and agents who have a need to know to perform the Services, (ii) as expressly permitted or instructed by Customer, or (iii) to the minimum extent required to comply with applicable law, provided that Trane: (1) provides Customer with prompt written notice prior to any such disclosure; and (2) reasonably cooperate with Customer to limit or prevent such disclosure.
 4. Customer Data Compliance with Laws. Trane agrees to comply with laws, regulations governmental requirements and industry standards and practices relating to Trane's processing of Customer Confidential Information (collectively, "Laws").
 5. Customer Data Information Security Management. Trane agrees to establish and maintain an information security and privacy program, consistent with applicable HVAC equipment industry practices that complies with this Addendum and applicable Laws ("Information Security Program"). The Information Security Program shall include appropriate physical, technical and administrative safeguards, including any safeguards and controls agreed by the Parties in writing, sufficient to protect Customer systems and Customer's Confidential Information from unauthorized access, destruction, use, modification or disclosure. The Information Security Program shall include appropriate, ongoing training and awareness programs designed to ensure that Trane's employees and agents, and others acting on Trane's behalf are aware of and comply with the Information Security Program's policies, procedures, and protocols.
 6. Monitoring. Trane shall monitor and, at regular intervals consistent with HVAC equipment industry practices, test and evaluate the effectiveness of its Information Security Program. Trane shall evaluate and promptly adjust its Information Security Program in light of the results of the testing and monitoring, any material changes to its operations or business arrangements, or any other facts or circumstances that Trane knows or reasonably should know may have a material impact on the security of Customer Confidential Information, Customer systems and Customer property.
 7. Audits. Customer acknowledges and agrees that the Trane SOC2 audit report will be used to satisfy any and all audit/inspection requests/requirements by or on behalf of Customer. Trane will make its SOC2 audit report available to Customer upon request and with a signed nondisclosure agreement.
 8. Information Security Contact. Trane's information security contact is Local Sales Office.
 9. Security Incident Management. Trane shall notify Customer after the confirmation of a Security Incident that affects Customer Confidential Information, Customer systems and Customer property. The written notice shall summarize the nature and scope of the Security Incident and the corrective action already taken or planned.
 10. Threat and Vulnerability Management. Trane regularly performs vulnerability scans and addresses detected vulnerabilities on a risk basis. Periodically, Trane engages third-parties to perform network vulnerability assessments and penetration testing. Vulnerabilities will be reported in accordance with Trane's cybersecurity vulnerability reported process. Trane periodically provides security updates and software upgrades.
 11. Security Training and Awareness. New employees are required to complete security training as part of the new hire process and receive annual and targeted training (as needed and appropriate to their role) thereafter to help maintain compliance with Security Policies, as well as other corporate policies, such as the Trane Code of Conduct. This includes requiring Trane employees to annually re-acknowledge the Code of Conduct and other Trane policies as appropriate. Trane conducts periodic security awareness campaigns to educate personnel about their responsibilities and provide guidance to create and maintain a secure workplace.
 12. Secure Disposal Policies. Trane will maintain policies, processes, and procedures regarding the disposal of tangible and intangible property containing Customer Confidential Information so that wherever possible, Customer Confidential Information cannot be practicably read or reconstructed.
 13. Logical Access Controls. Trane employs internal monitoring and logging technology to help detect and prevent unauthorized access attempts to Trane's corporate networks and production systems. Trane's monitoring includes a review of changes affecting systems' handling authentication, authorization, and auditing, and privileged access to Trane production systems. Trane uses the principle of "least privilege" (meaning access denied unless specifically granted) for access to customer data.
 14. Contingency Planning/Disaster Recovery. Trane will implement policies and procedures required to respond to an emergency or other occurrence (i.e. fire, vandalism, system failure, natural disaster) that could damage Customer Data or any system that contains Customer Data. Procedures include the following:
 - i. Data backups; and
 - ii. Formal disaster recovery plan. Such disaster recovery plan is tested at least annually.

15. Return of Customer Data. If Trane is responsible for storing or receiving Customer Data, Trane shall, at Customer's sole discretion, deliver Customer Data to Customer in its preferred format within a commercially reasonable period of time following the expiration or earlier termination of the Agreement or, such earlier time as Customer requests, securely destroy or render unreadable or undecipherable each and every original and copy in every media of all Customer's Data in Trane's possession, custody or control no later than (90 days) after receipt of Customer's written instructions directing Trane to delete the Customer Data.
16. Background Checks Trane shall take reasonable steps to ensure the reliability of its employees or other personnel having access to the Customer Data, including the conducting of appropriate background and/or verification checks in accordance with Trane's policies.
17. DISCLAIMER OF WARRANTIES. EXCEPT FOR ANY APPLICABLE WARRANTIES IN THE AGREEMENT, THE SERVICES ARE PROVIDED "AS IS", WITH ALL FAULTS, AND THE ENTIRE RISK AS TO SATISFACTORY QUALITY, PERFORMANCE, ACCURACY AND EFFORT AS TO SUCH SERVICES SHALL BE WITH CUSTOMER. TRANE DISCLAIMS ANY AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES WITH RESPECT TO THE SERVICES AND THE SERVICES PROVIDED HEREUNDER, INCLUDING ANY EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR THAT THE SERVICES WILL OPERATE ERROR-FREE OR UNINTERRUPTED OR RETURN/RESPONSE TO INQUIRIES WITHIN ANY SPECIFIC PERIOD OF TIME.

October 2024

Supersedes: November 2023v2