



ADDENDUM #1

GRW Project No.: 4973-02

Date: February 18, 2022

Subject: Henry Clay High School

FCPS Bid No.: 15-22

Please address inquiries to: Cory Sharrard
GRW, Inc.
csharrard@grwinc.com
859-223-3999

TO ALL PROSPECTIVE BIDDERS:

Please be advised of the following clarifications to the above referenced bid:

1) GENERAL:

- a) Pre-Bid Meeting was held on February 16, 2022 at the Henry Clay High School. The following are provided in this addendum:
 - i) Sign-In Sheet
 - ii) Revised Form of Proposals for ESSER vs. FCPS Funds and Low Price vs. Equipment Lead Times. These 4 pages shall replace page 16 of the FCPS Front End Bid document. The Contractor shall price the project in both scenarios for the two different funding sources.
 - iii) Davis Bacon Wage Rates for Fayette County for ESSER Fund bids.
 - iv) Existing Schedule sheet for the Existing Equipment (for reference only).
- b) Plan Holders - See the GRW Plan Room for Up-to-Date listings – password: bluedevils

2) CONTRACTOR QUESTIONS:

- a) Q: Schedule? A: **The dates listed on the drawings for the Multi-zone Equipment still apply. The substantial completion for the project is September 30, 2022 with final completion for October 31, 2022. As many of the units as possible shall be installed in the window of time before school starts. First day of school for students is August 10, 2022.**
- b) Q: Working Hours? A: **FCPS is open to all working hour options including during school hours, after school hours, and weekends. It is up to the Contractor to determine what will work best for their needs.**
- c) Q: Number of units at a time to work on? A: **If school is not in session, multiple units can be worked on/replaced at a time. The specific number will be up to the Contractor's manpower and coordinated with FCPS personnel. After school is in session, only one multi-zone unit can be down at a time if working during school hours. If working after school hours or weekends, additional units can be down as long as they are back up and running (in stand-alone operation) during the next school day.**
- d) Q: Lay down area? A: **Yes. There will be a lay down area in the back corner of the site on the gravel parking lot. The location was pointed out at the Pre-Bid meeting.**



- e) Q: Who will be responsible for coordinating the equipment startup? A: **The Contractor will be responsible for coordinating all the equipment startup for all new equipment including the multi-zone units that FCPS previously purchased.**
- f) Q: Test and Balance. A: **The test and balance work shall be included as part of this contract. There will not be a separate contract with FCPS.**
- g) Q: Is a PRE Test and Balance required? A: **No. Only the final test and balance is required. The existing multi-zone unit zones with associated CFM's have been included in the existing schedule sheet for reference.**
- h) Q: Is pipe cleaning and flushing included? A: **Yes. Pipe cleaning and flushing is required in the new hydronic piping connections that are being installed. Cleaning and flushing shall be provided from the new control valve to the unit connection.**
- i) Q: Are all control valves new? A: **Yes. There shall be new control valves provided and installed at all new hydronic piping connections as shown on the drawings.**
- j) Q: Duct Cleaning Parameters? A: **Yes. Duct Cleaning is included and shall be as listed in Specification Section 230130.51 Scope of Work. No additional duct cleaning is required.**
- k) Q: Are roof screen panels to stay in place? A: **Yes. The existing skeleton/rails around the existing rooftop equipment shall stay in place.**
- l) Q: Clarify fencing scope. A: **The Contractor shall remove the two fenced in areas around the air cooled compressors as shown on the drawings. This Contractor will not have to put back any new fencing. This will be taken care of outside the contract by FCPS.**
- m) Q: Can work be done in the summer ahead of the equipment arrival to install wiring, etc? A: **Yes. It is preferred that the Contractor install any wiring changes for equipment connections ahead of time so that when the units are placed, the change out can be completed as soon as possible. This also applies to the thermostat wiring. It is preferred that all thermostats be installed and wired ahead of each unit installation.**
- n) Q: Is this a DPO project? A: **Yes. FCPS does not pay sales tax. Deduct the sales tax before the bid. DPO forms will be provided to the Contractor once the contract is awarded for the project.**
- o) Q: Is water treatment contract needed? A: **No. FCPS already has a water treatment contract for this building.**
- p) Q: Is preventative maintenance/filter changes needed? A: **No. FCPS already has a preventative maintenance contract for this building in place. The Contractor shall provide the appropriate warranties as required for new equipment as listed in the documents.**

3) SPECIFICATIONS:

- a) Section 237416.11 Packaged Rooftop Air Conditioning Unit with Electric Heat. Add Addison as an acceptable manufacturer.
- b) Section 238126 Split System Air Conditioners with Air Cooled Condensers. Add Addison as an acceptable manufacturer.

4) DRAWINGS:

- a) Sheet MD-101. The sheet note tag that is shown next to the existing KIT-MAU unit shall be Sheet Note 8 instead of Sheet Note 10.



- b) Sheet M-601 – Multi-Zone Roof Top Unit Schedule. The GPM’s listed in the schedule match the GPM’s of the existing units exactly.
- c) Sheet M-601 – Multi-Zone Roof Top Unit Schedule. The weights of the new equipment listed are within +/- 10% of the existing equipment weights.
- d) Sheet M-601 – Packaged Rooftop Unit Schedule. The GPM for RTU-1A shall be 48.3 GPM. The GPM for RTU-2A shall be 48.7 GPM.
- e) Sheet M-601 – Split System Air Handling Unit Schedule. The GPM for AHU-1 shall be 20.3 GPM. The GPM for AHU-2 shall be 17.2. The GPM for AHU-3 shall be 21 GPM.
- f) Sheet M-601. Refer to the following chart for hydronic pipe sizes for equipment (based on 2ft/100ft pressure drop):
 - i) 15-18 GPM 1-1/2” pipe size
 - ii) 19-34 GPM 2” pipe size
 - iii) 35-60 GPM 2-1/2” pipe size

END OF ADDENDUM #1

PRE-BID MEETING SIGN-IN SHEET

HENRY CLAY HIGH SCHOOL

HVAC REPLACEMENT

February 16, 2022, 10:00 AM EST

| PERSON | REPRESENTING | EMAIL | PHONE # |
|------------------|------------------|--|--------------|
| CORY SHARRARD | GRW | csharrard@grwinc.com | 859-351-1743 |
| Anthony | Campus foreman | anthony.lewis@fayette.kyschools.us | 859 492 5240 |
| Colby Alexander | Frei | colby@freimechanical.com | |
| Doug Rookard | FREI | doug@freimechanical.com | |
| David Vanhoosier | FREI | David@FreiMechanical.com | 606-676-0549 |
| JEFF KISER | FAYETTE ELECTRIC | JEFF@FAYETTEELECTRIC.COM | 859-276-7612 |
| Jeff Hamilton | CPS | Jeffh@CPSLEX.com | 859-338-6955 |
| Math Marx | FCPS | | |
| EDDIE JENKINS | F.C.P.S | | |
| Jay McKinney | TES | jay@thermalegi.com | 502-316-2247 |

PRE-BID MEETING SIGN-IN SHEET

February 16, 2022, 10:00 AM EST

Mike Rhineheimer Thermal Service 859-983-0218

Damon Johnson Thermal Service 859-983-7397

John Settle TP Mechanical 859-983-2440

Baala Manohar GRW Inc 352-888-0685

Premell Mitchell FCS MAINT 559 229 7850

FORM OF PROPOSAL – FCPS Funds- Lowest Price

Bid 15-22 Henry Clay High School HVAC Replacement

Date: _____

Having carefully examined the bid document, plans and specifications 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 _____ (Insert addendum numbers received or the word “none” if no addendum received.)

BID: Total Price for work requested in accordance to specifications, drawings and scope of work I/We submit the following lump sum price of:

\$ _____
Use figures

_____ Dollars & _____ Cents
Use Words Use Words

LEAD TIME/ DELIVERY: Number of days for additional equipment to be delivered:

PROPOSED MANUFACTURERS

Rooftop Units _____

Split System Air Handler Units _____

Kitchen Makeup Air Unit _____

Exhaust Fans _____

Submitted by:

NAME OF CONTRACTOR/ BIDDER: _____

AUTHORIZED REPRESENTATIVE’S NAME: _____
Signature

AUTHORIZED REPRESENTATIVE’S NAME (printed): _____

AUTHORIZED REPRESENTATIVE’S TITLE: _____

FORM OF PROPOSAL – FCPS Funds- Fastest Lead Time

Bid 15-22 Henry Clay High School HVAC Replacement

Date: _____

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LEAD TIME/ DELIVERY: Number of days for additional equipment to be delivered:

PROPOSED MANUFACTURERS

Rooftop Units _____

Split System Air Handler Units _____

Kitchen Makeup Air Unit _____

Exhaust Fans _____

Submitted by:

NAME OF CONTRACTOR/ BIDDER: _____

AUTHORIZED REPRESENTATIVE’S NAME: _____
Signature

AUTHORIZED REPRESENTATIVE’S NAME (printed): _____

AUTHORIZED REPRESENTATIVE’S TITLE: _____

FORM OF PROPOSAL – ESSER Funds- Lowest Price

Bid 15-22 Henry Clay High School HVAC Replacement

Date: _____

Having carefully examined the bid document, plans and specifications 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.

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AUTHORIZED REPRESENTATIVE’S NAME: _____
Signature

AUTHORIZED REPRESENTATIVE’S NAME (printed): _____

AUTHORIZED REPRESENTATIVE’S TITLE: _____

FORM OF PROPOSAL – ESSER Funds- Fastest Lead Time

Bid 15-22 Henry Clay High School HVAC Replacement

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\$ _____
Use figures

_____ Dollars & _____ Cents
Use Words Use Words

LEAD TIME/ DELIVERY: Number of days for additional equipment to be delivered:

PROPOSED MANUFACTURERS

Rooftop Units _____

Split System Air Handler Units _____

Kitchen Makeup Air Unit _____

Exhaust Fans _____

Submitted by:

NAME OF CONTRACTOR/ BIDDER: _____

AUTHORIZED REPRESENTATIVE’S NAME: _____
Signature

AUTHORIZED REPRESENTATIVE’S NAME (printed): _____

AUTHORIZED REPRESENTATIVE’S TITLE: _____

"General Decision Number: KY20220090 01/28/2022

Superseded General Decision Number: KY20210090

State: Kentucky

Construction Type: Building

County: Fayette County in Kentucky.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022, Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least \$15.00 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2022.

If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022, Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least \$11.25 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2022.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at www.dol.gov/whd/govcontracts.

| Modification Number | Publication Date |
|---------------------|------------------|
| 0 | 01/07/2022 |
| 1 | 01/28/2022 |

ASBE0051-001 03/01/2021

| | Rates | Fringes |
|---|----------|---------|
| ASBESTOS WORKER/HEAT & FROST INSULATOR..... | \$ 26.51 | 17.16 |

BOIL0040-002 01/01/2021

| Rates | Fringes |
|-------|---------|
|-------|---------|

BOILERMAKER.....\$ 37.60 27.49

BRKY0018-004 06/01/2021

Rates Fringes

BRICKLAYER.....\$ 30.87 15.87

CARP1076-003 06/01/2021

Rates Fringes

MILLWRIGHT.....\$ 29.06 22.95

CARP1650-011 06/01/2021

Rates Fringes

CARPENTER (Acoustical Ceiling
Installation, Drywall
Finishing/Taping, Drywall
Hanging, Form Work, and Metal
Stud Installation Only).....\$ 30.43 22.05

ELEC0369-015 05/31/2021

Rates Fringes

ELECTRICIAN.....\$ 33.85 18.72

* ELEV0020-001 01/01/2022

Rates Fringes

ELEVATOR MECHANIC.....\$ 49.74 36.885

PAID HOLIDAYS:

a. New Year's Day, Memorial Day, Independence Day, Labor Day,
Veteran's Day, Thanksgiving Day, the Friday after
Thanksgiving, and Christmas Day.

b. Employer contributes 8% of regular hourly rate to vacation
pay credit for employee who has worked in business more
than 5 years; 6% for less than 5 years' service.

ENGI0181-054 06/01/2021

Rates Fringes

POWER EQUIPMENT OPERATOR
(Drill).....\$ 33.90 17.85

ENGI0181-079 06/01/2021

Rates Fringes

POWER EQUIPMENT OPERATOR
(Loader).....\$ 33.90 17.85

ENGI0181-085 06/01/2021

Rates Fringes

PIPEFITTER (Includes HVAC
Pipe and Unit Installation).....\$ 35.00 20.34

ROOF0042-008 08/01/2021

| | Rates | Fringes |
|-------------|----------|---------|
| ROOFER..... | \$ 28.85 | 17.62 |

* SFKY0669-002 01/01/2022

| | Rates | Fringes |
|-----------------------|----------|---------|
| SPRINKLER FITTER..... | \$ 37.85 | 22.61 |

SHEE0024-031 06/01/2021

| | Rates | Fringes |
|--|----------|---------|
| SHEET METAL WORKER (Includes HVAC Duct Installation)..... | \$ 32.53 | 26.31 |

* UAVG-KY-0016 01/01/2018

| | Rates | Fringes |
|--------------------------------|----------|---------|
| BRICKLAYER: TILE FINISHER..... | \$ 22.08 | 10.90 |
| BRICKLAYER: TILE SETTER..... | \$ 28.01 | 12.22 |

SUKY2015-029 06/02/2015

| | Rates | Fringes |
|--|----------|---------|
| CARPENTER, Excludes Acoustical Ceiling Installation, Drywall Finishing/Taping, Drywall Hanging, Form Work, and Metal Stud Installation..... | \$ 20.34 | 8.58 |
| IRONWORKER, REINFORCING..... | \$ 28.38 | 16.89 |
| LABORER: Mason Tender - Brick... | \$ 18.91 | 0.00 |
| LABORER: Mason Tender - Cement/Concrete..... | \$ 24.13 | 0.00 |
| LABORER: Pipelayer..... | \$ 20.36 | 9.90 |
| OPERATOR: Backhoe/Excavator/Trackhoe..... | \$ 24.60 | 12.65 |
| OPERATOR: Bulldozer..... | \$ 19.69 | 4.71 |
| OPERATOR: Paver (Asphalt, Aggregate, and Concrete)..... | \$ 22.52 | 4.00 |
| OPERATOR: Roller..... | \$ 23.60 | 12.65 |
| PAINTER (Brush and Roller)..... | \$ 25.14 | 11.29 |
| PAINTER: Spray..... | \$ 22.81 | 11.87 |
| TRUCK DRIVER: Dump Truck..... | \$ 13.56 | 0.00 |

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union, which prevailed in the survey for this classification, which in this example would be Plumbers 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that

no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Division National Office Branch of Wage Surveys. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

ROOF TOP UNIT SCHEDULE table with columns: MARK, LOCATION, TYPE, COND, EAT, EVAP DB/WB, EVAP LAT DB/WB, SENS CAP (MBH), TOTAL (MBH), MIN EER, GPM, EWT, LWT, EAT, TOTAL (MBH), VOLT/PH, UNIT MCA, HP, TSP, CFM, ACCESSORIES, REMARKS, MIN. OA.

TYPE: 1. MULTIZONE 2. SINGLEZONE
REMARKS: 1. MAMMOTH RAM-100
ACCESSORIES: 1. 60% FILTERS 2. ECONOMIZER WITH POWER EXHAUST 3. ROOF CURB KIT TO FIT NEW MULTIZONE TO EXISTING ROOF CURB, AS NEEDED. 4. FACTORY STARTER AND DISCONNECT.

ROOF TOP UNIT ZONING SCHEDULE table with columns: MARK, ZONE A, ZONE B, ZONE C, ZONE D, ZONE E, ZONE F, ZONE G, ZONE H, ZONE I.

NOTE: 1. ZONE SIZES BASED ON MAMMOTH UNIT CONNECTIONS. EXTEND ZONE DUCT RISERS THROUGH ROOF TO GROUND OR FIRST FLOOR CEILING SPACE AS APPLICABLE FOR BRANCH CONNECTIONS.

AIR COOLED CONDENSING UNIT table with columns: MARK, SERVICE, LOCATION, REFRIGERANT, TOTAL CAP (MBH), SENS CAP (MBH), SEER, AMBIENT AIR TEMP., SAT SUCT TEMP., COMPRESSOR, FAN, ELECT, MCA, ACCESSORIES, REMARKS, NOTES.

REMARKS: 1. INTERTWINED CIRCUITING 2. DUAL CIRCUIT
NOTES: 1. TRANE MODEL T1A120CU 2. TRANE MODEL RAUC30 3. TRANE MODEL RAUC40 4. TRANE MODEL T1A20C W/ DUAL TXV'S.
ACCESSORIES: 1. LWB AMBIENT CONTROL 2. HWT GAS BYPASS 3. FACTORY STARTER AND DISCONNECT.

MAKE-UP AIR UNIT SCHEDULE table with columns: MARK, SERVICE, LOCATION, TYPE, FAN SECTION, FILTER, FUEL, HEATING CAPACITY INPUT MBH, ACCESSORIES, REMARKS.

REMARKS: 1. PREFABRICATED ROOF CURB. 2. VERTICAL DISCHARGE. 3. FACTORY STARTER AND DISCONNECT.

AIR SEPARATOR SCHEDULE table with columns: MARK, SERVICE, LOCATION, TYPE, DESIGN GPM, PIPE SIZE, DIMENSIONS (INCH), REMARKS.

PUMP SCHEDULE table with columns: PUMP, TYPE, SYSTEM, SERVICE, GPM, TOTAL HEAD FT., MIN % EFF., HP, MOTOR VOLTS/PHASE, RPM, MODEL, REMARKS.

REMARKS: 1. PUMPS SHALL BE NON-OVERLOADING AT DESIGN FLOW. 2. PROVIDE HIGH EFFICIENCY MOTOR.

HOT WATER BOILER SCHEDULE table with columns: MARK, TYPE, FUEL, CFH, MIN PRESS IN WG, MBTUH INPUT, MBTUH OUTPUT, BOILER HP, LWT, FLUE SIZE, WORKING PRESSURE, REMARKS VOLTS/.

1. BOILER SHALL BE INSTALLED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL CODE REQUIREMENTS.

UNIT HEATER SCHEDULE table with columns: MARK, TYPE, LOCATION, CAPACITY MBH, GPM WTR, EWT DEG F, LWT DEG F, CFM, LAT DEG F, MOTOR HP, VOLTS/PHASE, REMARKS.

REMARKS: 1. PROVIDE REMOTE 24 VOLT THERMOSTAT AND MOUNTING BRACKETS WITH VIBRATION ISOLATORS. 2. HORIZONTAL DISCHARGE.

EXPANSION TANK SCHEDULE table with columns: MARK, SERVICE, LOCATION, TYPE, TANK VOL (GAL.), ACCEPTANCE (GAL.), MAX WORKING PRESS (PSIG), AVG OPERATING TEMP (F), PRECHARGE (PSIG), REMARKS.

FAN SCHEDULE table with columns: MARK, TYPE, SERVICE, CFM, S.P. IN. W.G., RPM MAX, DRIVE, AMP, MOTOR HP, VOLTS/PHASE/HERTZ, VIBRATION ISOLATORS TYPE, DEFLECT., ACCESSORIES, N.C. MAX SONES, REMARKS, MODEL GREENHECK.

TYPE: 1. CENTRIFUGAL UPBLAST 2. UTILITY SET 3. INLINE
ACCESSORIES: 1. BACKDRAFT DAMPER. 2. HINGED ON ONE SIDE. 3. GREASE TRAP. 4. TOTALLY ENCLOSED MOTOR. 5. ACID RESISTANT FINISH THROUGHOUT. 6. MOTOR & DRIVE GOULD.
REMARKS: 1. SPARK RESISTANT, STAINLESS STEEL SHAFT CONSTRUCTION. FOR OUTSIDE SERVICE, TEM. CHEMICAL RESISTANT COATING. 2. DISHWASHER HOOD EXHAUST FAN 3. KITCHEN HOOD EXHAUST FAN 4. FUME HOOD EXHAUST FAN 5. WING MODEL 39D-3 DRAFT INDUCER WITH BELT GUARD.

AIR DEVICE SCHEDULE table with columns: MARK, SERVICE, TYPE, MAX CFM, MAX AIR PD, THRU FT @ 50 FPM, MAX. NC, NECK SIZE, MODULE SIZE, PATTERN, MOUNTING TYPE, MATERIAL, REMARKS, MODEL.

TYPE: 1. GRILLE, ONE SET OF FIXED BLADES, 3/4" SPACING, 45° DEFLECTION. 2. SQUARE DIFFUSER, FIXED DISCHARGE, 4-WAY DISTRIBUTION. 3. SUPPLY GRILL, 3/4" SPACING, DOUBLE DEFLECTION, ALL BLADES INDIVIDUALLY ADJUSTABLE. 4. LINEAR SLOT DIFFUSER, BOTH DIRECTION AND VOLUME OF DISCHARGE AIR CAN BE ADJUSTED. 5. LINEAR SLOTTED RETURN, NOMINAL LENGTHS.
REMARKS: 1. TITUS 2. ADJUSTABLE 3. DRUM LOUVER

AIR HANDLING UNIT SCHEDULE table with columns: MARK, SERVICE, MODEL, MIN. OA, TYPE, CFM, ESP, TSP, BHP, RPM, HP, RPM, VOLT, PH, TYPE (DX), CFM, MAX FPM, LAT-DB/WB, TYPE (HW), CFM, MAX FPM, EAT, EWT/LWT, GPM, MAX WATER ΔP, MAX AIR ΔP, FIL-TYPE, FILTERS ARRANGEMENT, VIBRATION ISOLATION, DEFLECT, ACCESSORIES, REMARKS.

REMARKS: 1. STAINLESS STEEL DRAIN PAN 2. FACTORY STARTER AND DISCONNECT. 3. TRANE.
1. 60% EFFICIENT PLEATED FILTERS W/ INTERCEPT ANTI-MICROBIC AL AGENT APPLIED.
2. PROVIDE 4" CONCRETE EQUIPMENT PADS.

Vertical sidebar containing logos for 'The Mason & Hanger Group Inc.', 'Fayette County Public Schools', 'FAYETTE COUNTY PUBLIC SCHOOLS', 'HENRY CLAY HIGH SCHOOL RENOVATION LEXINGTON, KENTUCKY', and 'HVAC SCHEDULES'. Includes a 'REVISIONS' table and 'DESIGNED BY: JIK' information.