

**Pre-Bid Clarification Questions – Solicitation 12441926Q0047
CAS Education Building Heat Pump Replacement (Ozark, AR)**

1. What form(s) of bid guarantee will the Government accept: an SF 24 bid bond with an approved corporate surety, a certified or cashier's check, or an irrevocable letter of credit under FAR 52.228-14?

Please refer to FAR 28.102-1(b) for alternatives.

2. What amount or percentage of the offered price is required for the bid guarantee, given that FAR 52.228-1 is not incorporated into the solicitation?

Between 20% of the estimated contract value not to exceed \$3M.

3. Will an amendment be issued to incorporate FAR 52.228-1, or does Block 13b of the SF-1442 alone govern the bid guarantee requirement?

An amendment will not be issued to incorporate FAR 52.228-1. Block 13b of the SF-1442 alone does govern the bid guarantee requirement.

4. For the payment bond required after award, will a standard SF 25A performance/payment bond be required, or alternative payment protections under FAR 52.228-13?

Alternatives are acceptable, still within the 10 day requirement.

5. For the required payment bond after award, will the Government require a standard SF-25A performance/payment bond, or will alternative payment protections under FAR 52.228-13 be accepted?

See previous question.

6. Please confirm whether equipment must be delivered prior to issuance of the Notice to Proceed, and whether this requirement applies to all materials or only major equipment.

All materials and equipment shall be delivered before NTP is issued.

7. Will the Government issue a conditional award or letter of intent to allow procurement prior to NTP

Award will be made. Once all submittals have been approved by the COR and work is ready to be started the Notice to Proceed (NTP) will be issued.

8. Will progress payments be authorized for equipment purchased prior to NTP, given the requirement for delivery before NTP?

No

9. Will FAR 52.219-14 Limitations on Subcontracting apply to this procurement? If so, please confirm the required percentage of self-performed work.

As it is not marked in the solicitation, it does not apply.

10. Can the Government confirm whether full replacement of refrigerant line sets is required even if existing routing is inaccessible without demolition?

Per the SOW Part 1, 1.1 Description A., 1. A. Replacement Work Includes: 1) Removal and disposal of existing indoor unit (attic -mounted), outdoor unit (grade-mounted), electrical, controls, and refrigerant linesets. 9) All other building modifications necessary to accommodate new equipment. Also stated in 1.12 Schedule of Items B. Base Items 1. Payment: ..., replace refrigerant line sets (for split systems), provide all coordination required for new work.

11. Will the Government provide existing fire alarm panel documentation or wiring diagrams to support duct smoke detector integration?

PDF scans Cass Ed Fire Diagram North and South (see below for both) are the only known diagrams and will be attached; Per SOW Part 11.7 FIELD VERIFICATION AND COORDINATION OF WORK A. Drawings are schematic or typical in nature or intended to identify location of work. The Contractor shall be responsible for field verification of existing conditions and coordination of new work with those existing conditions. Examples below are intended to demonstrate the intent of this statement but are not inclusive of all field verification and coordination. Notify COR when specified requirements conflict with field verification.

12. Will the Center authorize a planned 1–2 hour outage of the 400A outdoor panel to install breakers and remove bus-lugged conductors? Please confirm required notice, allowed outage hours, and whether temporary power for the tornado siren or a fire/emergency watch is required.

Center will authorize a 2 hour outage with notice. Coordinate with Center and COR - 5 business days before outage and follow up at 48 hours to coordinate the outage. On the day of outage, center maintenance is to be notified before power shutoff to allow maintenance ample time to power down any equipment that could be damaged by an uncontrolled power outage. Center staff will provide fire/emergency watch while systems are powered down.

13. If the inspector requires a service receptacle or attic lighting under NEC 210.63/210.70, should these be included in the base contract or priced as an optional item?

Everything should be held to code and should be included in the base price – Per the SOW all 1.8 STANDARDS AND CODES A. All contract work shall adhere to the most recent version of: 1. All the International Code Council Family of codes (ICC) e.g. International Building Code (IBC), International Fire Code (IFC), and International Mechanical Code (IMC). 2. All National Fire Protection Association (NFPA) codes and Standards e.g. , NFPA 70: National Electrical Code (NEC), NFPA 1: Fire Code, and NFPA 101- Life Safety Code.

14. Please confirm whether materials purchased for this project are tax-exempt and provide the federal tax-exemption certificate applicable to USDA Forest Service construction contracts.

A Federal Tax Exemption Letter can be provided to the award winning Contractor.

15. Please provide the required insurance limits and additional-insured wording for this contract.

Please refer to FAR 28.307-2(a)(b) for applicable insurance requirements and amounts.

16. Will the Government accept exposed EMT on exterior brick for the heat pump disconnect, or is a concealed raceway route required?

Conduit can be exposed on the exterior wall, any conduit that is installed on the Exterior shall be RMC. See requirements in SOW 010150 General Requirements 1.12 Schedule of Items, B. Base Items, iv. All systems must meet the following: 18. Conduit Schedule

17. If existing raceways to the attic air handler and outdoor disconnect are found in good condition, will the Government allow their reuse?

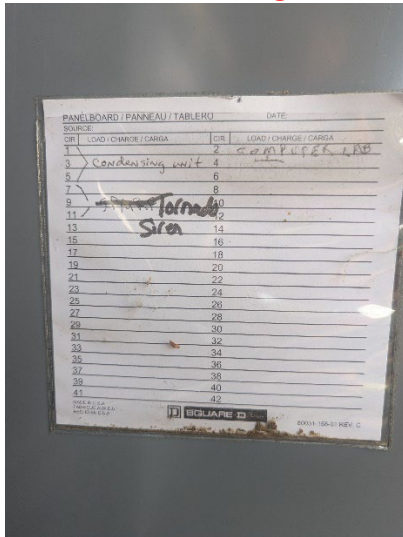
No – Per the SOW Part 1, 1.1 Description A., 1. a Replacement Work Includes: 4) New Branch circuit wiring, conduit, and overcurrent protection devices, local equipment disconnects at both interior and exterior units.

18. Please confirm the identification of the panel shown in Attachment 1, Figure 7, and whether it has available 3-pole spaces for the new HVAC circuits.

Interior disconnect. Per the SOW Part 1, 1.1 Description A., 1. A. Replacement Work Includes: 4) New Branch circuit wiring, conduit, and overcurrent protection devices, local equipment disconnects at both interior and exterior units. 1.7 Field Verification and Coordination of Work – A. ...Contractor is responsible for field verification of existing conditions and coordination of new work with those existing conditions. Examples are found in the SOW

19. Please identify the load served by the unlabeled 100A 3-pole breaker in circuits 1-3-5 of the outdoor 400A panel.

Outdoor condensing unit on the south side of the bldg. Pics attached below.



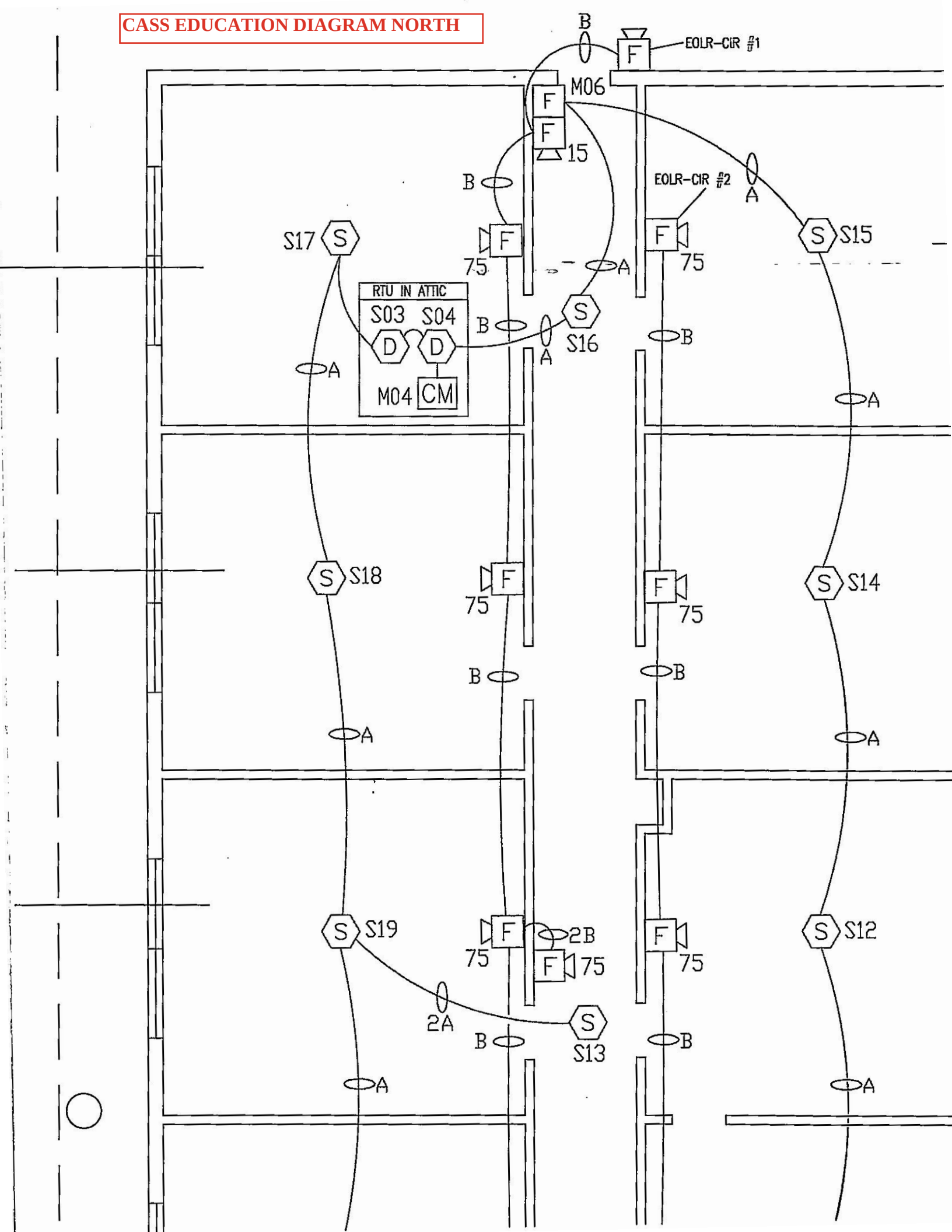
20. Please confirm whether the new TWE090K3AAA air handler requires an electric heat kit, and if so, provide the required heater model, kW rating, and whether single-point or dual-point power is specified.

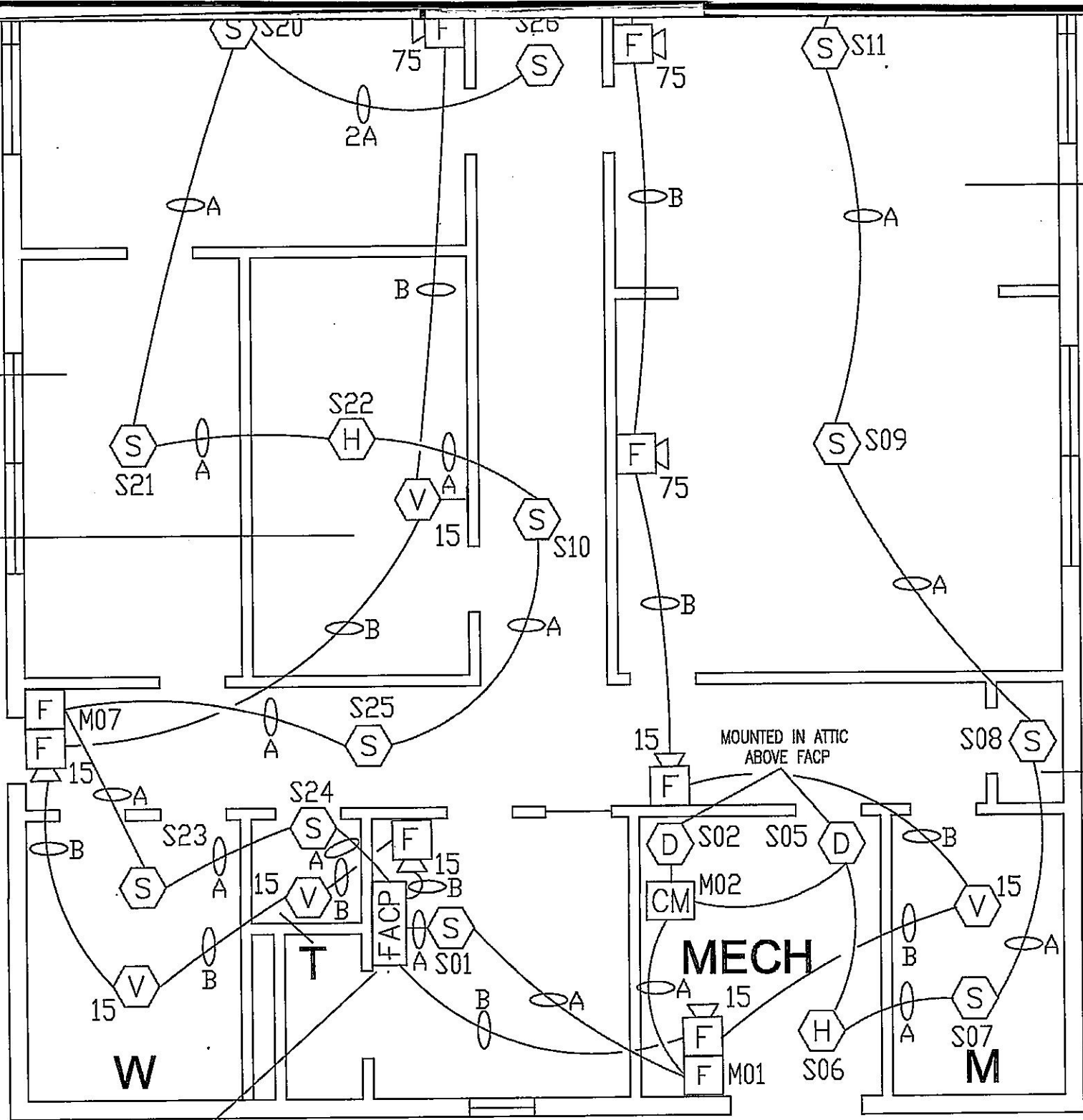
Yes – Auxiliary heat kit is required. See SOW for requirements.

21. If electrical corrections related to the new 7.5-ton heat pump installation are performed by a licensed third-party electrical contractor, will this satisfy the requirements of the third-party electrical inspection referenced in Section 010150?

No - Installation work is separate from third-party inspection – see SOW 010150, Part , Summary of Work, 1.9 Qualifications and 1.10 Electrical Inspections for requirements.

CASS EDUCATION DIAGRAM NORTH





PRINCIPAL

CASS EDUCATION DIAGRAM SOUTH

NEW DEVICE PLAN-AS BUIL