

**Regional School District #10**  
Serving the Towns of Harwinton and Burlington

PETE MARENNA  
Director of Facilities



SUSAN LAONE  
Director of Finance & Operations

February 26, 2024

**TO:** Bidding Contractors – Rooftop Replacement Project – PHASE II  
Lewis S. Mills High School / Har-Bur Middle School  
**FROM:** Pete Marena – Director of Facilities  
**FOR INFO:** Sue Laone – Director of Finance & Operations  
**SUBJECT:** **ADDENDA #2** - Rooftop Replacement Project – PHASE II – Contractor Questions

Questions received from bidding contractors by email - per Page 7, Section 2.3 Requests for Information/ Clarification – for responses by Regional School District #10 - related to the Rooftop Replacement Project – PHASE II.

- **PERFECTEMP, Inc.** inquired: *(Tim Nowik)*
  - 1.) We (contractors) are responsible for structural for all Roof top Units being replaced?  
✓ *(Pete) YES! Refer to Attachment 3 Scope of Work – Services to be Provided – 3. Survey and Measurements, pg. 23-24, #5 pg. 24.*
  - 2.) Do all units come with adapter curbs with the proper transitions?  
✓ *(Meredith SP&A) The proposed RTU 22, 26, and 33 are direct replacements of the existing RTU's and don't require curb adaptors. The other (6) will include the required curb adaptors.*
  - 3.) Will any units require complete new curbs to be cut into the roof?  
✓ *(Meredith SP&A) No replacement RTU's will require new curbs.*
  - 4.) Any of the units have hydronic heating coils in them and is there glycol in the system?  
✓ *(Pete) – There is no glycol in the current system. (Meredith SP&A) As I was told, this building is completely hydronic. Reference S/P Drawing M-400.*
  - 5.) Will there be any modification to the ductwork below in the building area itself?  
✓ *(Meredith SP&A) Indeed. Connection to the existing duct system will be necessary. (Jonathan) - New exterior duct as shown in addendum. Any transition material is part of this contract and needs to be included.*
  - 6.) If ductwork needs modification below the ceiling, who's doing ceiling demo and what RTU's need this modification?  
✓ *(Meredith SP&A). See Drawings M-101 & M-102 (Jonathan) – Contractor needs to include in their proposal.*

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- 7.) Lining of ductwork how far below the roof line and only on RTU #9 & #41?
  - ✓ *(Meredith SP&A). +/- 15'-0" downstream of RTU #9, #24 and #41.*
  - ✓ *For the other units, acoustically line any new ductwork connecting to existing.*
- 8.) Clarification on drawings of RTU's 9, 22, 24 for the ductwork?
  - ✓ *Pete tried to get further clarification of question from Tim Nowik, the PERFECTEMP Contractor – but did not receive a reply to my email dated: 2/21/24.*
- 9.) Provide contact information regarding the subcontractors on the list (roofer, electrician, fire alarm company).
  - ✓ *Roofer – Silktown Roofing – Chuck Arnold / Kevin McGrath*
    - 1. *Cell phone (Kevin) 860-250-7039*
  - ✓ *Electrician – Turri-Masterson Electric – Gary Begey – 860-482-2972*
  - ✓ *Fire Alarm Co. – Impact Fire Services – Russ Longley – 860-489-1456*

## RUSS LONGLEY

SALES ENGINEER

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## IMPACT FIRE

67 BRITTON AVE

TORRINGTON, CT 06790



IMPACT FIRE

- 10.) Need total count (lbs.) of amount of refrigerant and types so can provide proper number of reclaim cylinders needed unless town is providing cylinders?
  - ✓ *(Pete) – Contractor is responsible for providing cylinders for all R-22 reclaimed refrigerant from replaced RTU's. (Meredith) – Refer to S/P Drawing M-102 regarding reclaim of refrigerant.*
- 11.) Is the town providing storage cylinders for the refrigerant that they want to keep? (referencing line #20 pg. 25)?
  - ✓ *Contractor to provide cylinders for collection of refrigerants. Region 10 wants to retain all R-22 refrigerant – due to difficulty finding replacement refrigerant of this type.*

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- 12.) Clarification on 13.2-line A page 35 (routine service and checking). Is this Trane or the awarded contractor to provide Servicing (maintenance?) work?
  - ✓ *Region 10 will provide ordinary maintenance on the new units (i.e. filter change, lubrication, belts). Contractor will be responsible for the 1- year warranty issues that occur.*
- 13.) Page 25 clarification on temporary services needed if we have to provide.
  - ✓ *EXAMPLE: Prior to old RTU's being removed, the units fire protection systems will need to be disconnected and bypassed to allow the rest of the building's fire systems to remain protected and online – and communicating with the building's main fire panel.*
- ACTIONAIR Systems, Inc. inquired: *(Chris Sheedy)*
  - 1.) Services to be provided - LINE 23 states to supply curb adaptors to modify from the existing unit to the new. HERE is where my question starts:

“Meredith stated that he changed duct sizes to accommodate new cfm airflow. He wanted NEW/LARGER duct to drop down to carry flow to branch duct below. That is not possible with curb adaptors. Curb adaptors are designed that when you remove old unit, you put adaptor on the old curb and then the new unit sits on top. The body of the adaptor (18-24”) is built to funnel the air between the new and old design. VERY RARELY do the sizes and orientation match. It is possible to remove all old duct, cut the old curb apart internally, and then drop a larger duct down through to the interior of the building. Please note when you do that, the footprint you now have is nothing like the old unit, the curb adaptor was built to transition from old to new design, at worst the static may increase slightly but generally that is taken into the design of the adaptor.”

    - ✓ *Silver Petrucelli – input needed.*
    - ✓ *(Meredith SP&A) Trane rep has sized new curb adaptor to accommodate existing. Contractor to field verify existing locations, routings and new duct connections.*
  - 2.) 2<sup>nd</sup> question, much easier “is the hot water system currently a glycol mix, and if so what is the %. When all new coils are connected the new mixture should match the old % ???”
    - ✓ *(Meredith SP&A) As I was told, this building is completely hydronic. Reference S/P Drawing M-400.*
    - ✓ *(Pete) – As answered above in PERFECTEMP, Question #4 - there is no glycol in the current system.*
- Air Temp Mechanical Systems, Inc. inquired: *Did not receive any questions.*
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- F+F Mechanical inquired: *Did not receive any questions.*
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