



HARRIMAN

**ADDENDUM**

Date March 16, 2020

To Prospective Bidders

Re Addendum No. 1 to the Construction Documents for:

Building K & D HVAC Project at DDPC  
Bangor, Maine  
Project No. 19390

This Addendum forms a part of the Contract Documents and modifies the original Construction Documents dated March 3, 2020. Acknowledge receipt of this Addendum in the space provided in the Bid Form.

This Addendum consists of three pages and Pre-Bid Attendees List.

Harriman

John W. Tarr, P.E.  
Principal

AUBURN

BOSTON

PORTLAND

PORTSMOUTH

[harriman.com](http://harriman.com)

## **DOCUMENTS INCLUDED FOR REFERENCE**

1. Pre-Bid Attendees List.

## **PRE-BID QUESTIONS AND ANSWERS**

- Q1. Sheet A70.1 needs to show removal/replacement of ACT in D121/D123A for installation of AC1-39 and HC-2.
- A1. Please carry pricing to remove/replace existing ceiling for D121/D123A, and Harriman will coordinate accordingly with successful Contractor.
- Q2. Please review applicability of note D01 on sheets E05.1, E05.2, E05.3 & E05.4.
- A2. Please replace note D1 with the following: “Disconnect and remove existing circuit serving mechanical equipment”.
- Q3. With reference to mechanical Keynote #51, identify locations of the condensing units for each of the ductless AC units being removed.
- A3. During the walk through on 3/12/2020, Owner stated that they will take responsibility for removing existing condensing units to remain.
- Q4. Need floor elevations shown.
- A4. Sub-Basement is 10’-0” floor-to-floor, Ground Floor is 11’-0” floor-to-floor, First Floor is 11’-0” floor-to-floor, Second Floor is 11’-0” floor-to-floor, Third Floor is 12’-0” floor-to-floor and Fourth Floor is 12’-0” floor-to-roof.
- Q5. Need reflected ceiling plan at ground level indicating complete removal and replacement where piping enters the building and splits off to feed K and D; also include the sprinkler heads affected.
- A5. Detail 6 on sheet M30.1 indicates the impacted areas, also these spaces were surveyed during the walk through on 3/12/2020. Please replace existing ceiling heads and refer to General Notes 10-14 on sheet M00.1 regarding Scope of Work associated with sprinkler system.
- Q6. Need specific details regarding how the piping will run to D Basement. Need plan detail/cross sections, floor penetration locations, etc.
- A6. Harriman has made our best effort to coordinate locations of piping risers as indicated on the floor plans. If Alternate #1 is accepted, Harriman will coordinate accordingly with successful Contractor.
- Q7. This bid set removed all references for the KMDP panel; please clarify.
- A7. After further examination, Panel KMDP1 has the capacity and pole space to serve the new outdoor mechanical units, rather than KMDP as originally indicated. This bid set reflects the work associated to power the new units from Panel KMDP1.

- Q8. Need detail of existing window infill at entry of piping from condenser units, size and backup wall to the masonry.
- A8. Please carry pricing to infill existing window as was discussed during the walk through on 3/12/2020. Harriman will coordinate accordingly with successful Contractor.
- Q9. Need note to remove existing wall metal chase and replace with a larger one for the piping that will enter K Basement at the ground level.
- A9. Agreed, this scope needs to be included in the pricing for this project. Harriman will coordinate accordingly with successful Contractor.
- Q10. Need detail of wall infill at removal of large unit ventilators; only states cap wall opening at louver.
- A10. Wall patching shall match existing wall adjacent to opening where each louver is located. Harriman will coordinate accordingly with successful Contractor.
- Q11. With regards to General Note #25 on sheet M00.1, provide design for sheet metal wall pipe chase option, metal enclosure of ceiling A/C units and ceiling piping enclosures. Will the same two types of wall chases be required in the D Building?
- A11. Yes, the same two types of wall chases will be required in the D Building. Owner has a mock-up of the metal piping enclosures that is acceptable. Harriman will coordinate accordingly with successful Contractor regarding design of enclosures. Please indicate on bid form if the pricing reflects plywood backed sheetrock or painted sheet metal with tamper resistant fasteners with caulked seams for enclosures.
- Q12. Liquidated damages of \$750/day – With a requirement in 002113-3.2 to hold bids for 30 days: what date can the owner guarantee for a Notice to Proceed allowing the general Contractor to issue purchase orders to mitigate the impact of potential liquidated damages?
- A12. Owner has decided to pre-purchase VRF equipment and heating coils associated with K Building; Contractor shall receive equipment upon arrival to jobsite. Heating coils for D Building and outside unit that serves K1 & D1 are part of the owner pre-purchase. If Alternate #1 is accepted, Contractor will need to purchase branch selector boxes and evaporator units for D Building.
- Q13. With regards to General Note #16 on sheet M00.1, provide clarification regarding owner blocking off 3 rooms at a time and owner's requirements regarding secure barriers between occupied and work areas.
- A13. Owner confirmed that it will be possible to block off four rooms at a time per floor to accommodate the schedule and mitigate downtime. Owner addressed requirements regarding secure barriers between occupied and work areas during the walk through on 3/12/2020.
- Q14. Need indication of number of existing sprinkler heads in all rooms with revised ceilings.
- A14. Existing number of sprinkler heads is already noted in several locations where ceiling work is indicated. Harriman provides a performance specification regarding sprinkler work and the actual design including head counts and hydraulic calculations are the responsibility of the sprinkler Contractor. The sprinkler shop drawings are then reviewed by Harriman as a submittal. Sprinkler Contractor can estimate head counts through the scaled floor plans for estimating purposes and the successful Contractor can field verify.

- Q15. Please provide ground floor kitchen piping and ceiling plan.
- A15. Routing of piping through this area was discussed during the walk through on 3/12/2020 for pricing purposes. Harriman will coordinate accordingly with successful Contractor.
- Q16. Will the bedroom ceilings need penetrations for the evaporators?
- A16. It is not the intent to penetrate the existing bedroom ceilings to install the new evaporators. Fasteners for ductwork, piping and equipment will penetrate the existing bedroom ceilings, however it is not intended to penetrate the ceilings for equipment installation. Existing chases at the ceilings will need to be modified; however to minimize the exposure of piping.
- Q17. Will the lineset and condensate piping be run on the underside of the existing ceiling and concealed in an enclosure, or will the piping be run above the existing ceiling?
- A17. As stated above, existing chases shall be modified to conceal new piping. Harriman will coordinate accordingly with successful Contractor to make sure this is fully understood on a room-by-room basis.
- Q18. Will the piping run down the bedroom wall and concealed in an enclosure, or will the wall need to be opened up?
- A18. Harriman has coordinated location of piping risers to the greatest extent possible as shown on the floorplans. The intent will be to modify existing pipe chases to the greatest extent possible. Harriman will coordinate accordingly with successful Contractor to make sure this is fully understood on a room-by-room basis.
- Q19. Are all the existing corridor ceilings gypsum?
- A19. Please refer to Sheets A70.1, A70.2 & A70.3 which accurately indicate the existing ceiling types in the corridors. Essentially, the ceilings adjacent to the nurse stations are not hard ceilings since they are always visible to staff.
- Q20. What is the design of weather enclosure for outside condensing units?
- A20. As discussed during the walk through on 3/12/2020, carry pricing for new enclosure like enclosure protecting transformer. Harriman will coordinate accordingly with successful Contractor.

## SIGN-IN SHEET (MANDATORY PRE-BID MEETING)

Project: HVAC Project DDPC

Meeting  
Date: 3/12/2020

Facilitator: Mark Faulkner

Place/Room: DDPC

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