

- Explore multiple options to provide cooling to the area, including cost comparisons and lead time assessments for proposed equipment.
 - Evaluate existing systems serving adjacent areas as potential temporary solutions.
- C. Demolition:
- Demolish existing hydronic piping, appurtenances, and heating coil serving HV-3.
- D. New Equipment, Installations and Modifications:
- Select two new hydronic heating coils and route new hydronic piping.
 - Modify existing ductwork to accommodate new duct-mounted heating coils.
 - Select and detail a new heat pump to serve HV-3.
 - Select and detail a new cooling coil to serve HV-3, including the necessary refrigerant piping.
 - Related specifications for additional equipment and components.
 - Revise controls for HV-3.
 - Additional Construction Administration for additional equipment and components.
3. Provide Electrical Engineering Additional Services as follows: ADD \$2,000.00
- A. Lighting:
- Provide lighting and controls to the new spaces; i.e. corridor, breakroom 107, access hall 101, library office 103, library office 102, library storage 104. The temporary library lighting is expected to stay as is until Phase 2.
- B. Power:
- Provide receptacles and rough-in data to the new spaces; i.e. corridor, breakroom 107, access hall 101, library office 103, library office 102, library storage 104 and temporary library 106.
 - Survey existing devices on CMU walls to allow reuse of existing locations and avoid surface mounted raceways throughout the Phase 1 spaces.
 - Provide special outlets to microwave and refrigerator in breakroom 107.
 - Provide lighting and controls to the new spaces; i.e. corridor, breakroom 107, access hall 101, library office 103, library office 102, and library storage 104. The temporary library lighting is expected to stay until Phase 2.
 - All these branch circuits need to move to a larger capacity panel in Phase 2. For Phase 1, connecting branch circuits to the existing panels that have available space.
 - Provide fire alarm devices in these spaces.
 - Review the existing electrical service with Alliant Energy to determine if there is capacity to handle the additional HVAC load for Phase 1. Awaiting electrical inspector to confirm if the existing code violations are deemed “grandfathered” or if modifications are needed to meet current code requirements.
 - Provide power to additional HVAC equipment.
 - Coordinate MEP efforts for these additional areas.

Total Additional Compensation: \$8,600.00

SUBMITTED BY:

AGREED TO:



Signature

Justin R. Nagel
Vice President Business Operations
March 3, 2025

Signature

Barry N. Hottmann
Mayor
City of Dodgeville

Date

Attested by:

Lauree Aulik
Clerk/Treasurer
City of Dodgeville

Date