

VA MEDICAL CENTER  
WHITE RIVER JUNCTION, VT 05009

**SCOPE OF WORK**  
**CANTEEN FIRE CODE CORRECTIONS**

**1. GENERAL:**

Veterans Affairs Medical Center Campus, White River Junction, VT (VAMC WRJ) requires correction of physical code violations that exist in the fire protection and suppression systems of building 8A canteen cooking areas.

**2. PROJECT SCOPE OF WORK:**

Provide all necessary materials, labor, supervision, demolition, installation, and ancillary requirements necessary to provide code correct solutions the following known issues;

- Fire suppression and ventilation. It is the intent of this solicitation to engage the services of a qualified, State of Vermont licensed fire protection contractor to review and propose economical and code compliant solutions for the following;
  - Canteen kitchen cooktop utilizes a Gaylord GPC-200 series hood ventilator with grease wash-down system. Please see included photos. The wash-down system is inoperable.
    - Remove existing cabinet wash down system components.
    - Retrofit, or replace, the existing ventilator system with an equivalent capacity washable filter based grease collection system.
    - Expand upon the existing stored pressure wet chemical fire suppression system as required to provide proper fire suppression coverage of the entire cook surface and ventilation hood. The existing system is Amere KP-375 based.
    - Ensure correct integration between fire suppression and existing Notifier fire alarm system.
  - Canteen serving line cooktop utilizes a Gaylord GPC-200 series hood ventilator system which currently is inoperable and does not have a working drain system.
    - Remove existing cabinet wash down system components.
    - Retrofit, or replace, the existing ventilator system with an equivalent capacity washable filter based grease collection system.
    - Expand upon the existing stored pressure wet chemical fire suppression system as required to provide proper fire suppression coverage of the entire cook surface and ventilation hood. The existing system is Amere KP-275 based.
    - Ensure correct integration between fire suppression and campus fire alarm system which is a Notifier system.
- Fully demolish Gaylord wash down system control cabinet(s) and related components, wash down system components, and provide complete restoration of damaged surfaces and structure.
- Provide all necessary material, labor and supervision to expand the fire alarm system to accommodate subject modifications.
- Update existing fire alarm record drawings to reflect any and all modifications resulting from subject modifications.
- Provide manufacturer recommended training to users for new equipment.

### 3. Requirements

1. Prior to the start of any work, contractor shall provide their written work plan for the project including:
  - a. Description of their approach to complete the project and meet all requirements.
2. VA shall make available all existing building construction and utility drawings and historical inspection and testing reports.
3. All work shall comply with the requirement of the following publications in addition to other industry and VA requirements.
  1. VHA Directive 2008-001
  2. VA Fire Protection Manual <https://www.cfm.va.gov/til/dManual/dmFire.pdf>
  3. VA Handbook 0730/2 <http://www.cfm.va.gov/TIL/cpro/cpTop14.pdf>
  4. VA Master Construction Specifications <http://www.cfm.va.gov/TIL/spec.asp#04>
4. All the work shall be performed to industry standard, or better, by qualified personnel and in conformance with VA standards and Vermont requirements.
5. Personnel shall be fully licensed or certified for the trades being performed where these trades are licensed by the Vermont or by the governing association for that trade or specialty. Submit documentation on licenses or certifications on request.
6. The Period of Performance for completion of this contract is 180 days from notice to proceed.
7. Safety and Health:
  - a. All project personnel working on site are required to have safety training appropriate to their work. A minimum of the ten hour (10 hour) OSHA class is required for all construction personnel working on site.
  - b. The Contractor is required to have a Competent Person, as defined by OSHA, on site at all times while any work is in progress.
  - c. Contractor and all Subcontractors shall comply with all VA safety and health Policies, including but not limited to:
    - i. Personal Protective Equipment
    - ii. Fire Safety and Hot Work permits
    - iii. Lock Out/Tag Out
    - iv. Confined Space Entry
    - v. Fall Protection
    - vi. Electrical Safety
    - vii. Trenching and excavation safety, OSHA 1926
    - viii. Hazardous Materials/Workers Right to Know Act
    - ix. Penetration Permits, assuming FRR separation may be in place prior to this work
    - x. Security - including badges, keys, and parking.
  - d. Documentation of compliance, including Daily Reports, will be required.
  - e. Submit training and other advance documentation before start of work and prepare other reports daily for each day that work is underway.
8. Personal Identity Verification of Contractor Personnel (October 2006)
  - a. The Contractor shall comply with agency personal identity verification (PIV)
  - b. This PIV process typically requires all workers to complete forms in advance of entering the VA Medical Center, to present two official forms of identification, to submit finger prints and background checks, etc depending on the nature of the project and the length of construction. The approval process typically requires five business days before access can be approved.
9. Waste Disposal/Recycling:
  - a. All metal suitable for recycling shall be placed in the metal trailer by the loading dock of Building 31.
  - b. Hazardous waste resulting from the demolition, if any, shall be delivered to VA Building 46 under the supervision of the GEMS coordinator.
  - c. Other Hazardous waste, if any, shall be correctly disposed of by the Contractor at no additional cost to the VA (provide a copy of the manifest, and other documentation to COTR).
  - d. Other waste including rubbish and C&D - The Contractor, at no cost to the VA, shall properly dispose of (construction and demolition) debris off site.
  - e. Store, label waste and containers and dispose of waste in full compliance with EPA, NFPA and VT AEC requirements.

10. An MSDS shall be maintained at the work site for all chemicals and hazardous materials brought onto the VA property. Employees using such materials shall use required PPE and shall be familiar with the hazards, disposal, storage and emergency response including spill and fire procedures, etc. Contractor is responsible for compliance with EPA and VT requirements related to use, storage, disposal and emergency response including spill and fire procedures, etc. for all hazardous materials utilized in this project.
11. Work is to be done during normal working hours. Weekend and Night work may be allowed with advance written request, subject to availability of VA staff to observe operations.
12. Contractor is responsible for providing and installing all required system components, fastening, miscellaneous hardware and construction materials, including any building materials required for patching/painting/touch up/restoration.
- 13. Where applicable, in advance of construction, submit shop drawings, catalog cuts, manufacturer's literature, installation instructions, wiring and piping diagrams, control prints, recommended spare parts lists and O&M manuals for equipment and materials to be incorporated into the work for approval. At the completion of the work and before acceptance, Contractor is to submit three (3) sets of all of the above plus any as-built changes, as applicable, in three (3) ring binders.**
14. Cleanup & protection:
  - a. Work sites to be protected during construction to minimize damage to VA property, furnishings, etc.
  - b. Work sites to be regularly cleaned and kept free of waste and hazards
  - c. At completion of work, and prior to acceptance, the interior and exterior of equipment, panels, etc. and the work site shall be thoroughly cleaned of all construction scraps, dirt, dust, etc.
15. Restoration - Cleanup & protection:
  - a. Any damage to finished surfaces shall be replaced or repaired to a condition equal, or better than current conditions.

#### **IV WARRANTY:**

- a. Work is to be guaranteed for 100% of all labor and materials for a period of one (1) year from the date of completion or acceptance, whichever is later. Contractor shall promptly repair or replace any portion of the work or equipment which fails within this time period, except in the case of VA abuse, VA failure to follow minimum operations and maintenance requirements that have been specifically outlined by the contractor and conveyed in the documentation at acceptance, or by acts of God.
  - b. If manufacturer's warranty exceeds one year then contractor shall extend guarantee for the same period for only that equipment or materials.
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Canteen serving line; current condition







Canteen Kitchen Photos; current condition







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