

**INVITATION TO SUBMIT BIDS
TO THE STATE OF VERMONT MILITARY DEPARTMENT
FOR ARMY MOUNTAIN WARFARE SCHOOL VARIABLE FREQUENCY
DRIVES/VARIABLE AIR VALVES UPGRADE**

The State of VT Military Department is soliciting bids for the Variable Frequency Drives/Variable Air Valves Upgrade at the Army Mountain Warfare School (Building 303) at Camp Ethan Allen training Site in Jericho, VT. Sealed bids will be received by the State of Vermont Military Department, Building #5, Camp Johnson, 789 National Guard Road, Colchester, VT 05446-3099, no later than **2:30PM, Friday, September 5th, 2014**, at which time they will be opened.

Work includes, but is not limited to, the following scope of work:

CONTRACTOR TO REMOVE EXISTING HEATING COILS AT EACH LOCATION IN BUILDING, REMOVE HOT WATER PIPING TO EACH COIL BACK TO BRANCH TAKE-OFF.

PREPARE EXISTING DUCTWORK FOR NEW VAV SYSTEM UNITS WITH NEW HEATING COILS. MEASURE AND CUT BACK DUCTWORK AS NECESSARY TO INSTALL NEW SYSTEM IN EACH ZONE. ENSURE EACH NEW VAV AND COIL IS SUPPORTED FROM THE STRUCTURE AND HAS VIBRATION ISOLATION AND FLEXIBLE CONNECTIONS AT THE CONNECTION POINTS TO THE EXISTING DUCTWORK.

INSTALL NEW VAV UNITS IN EACH ZONE - SEE PLANS FOR UNIT SIZING AND CONNECTION SIZING. REFER TO DETAIL ON THIS SHEET FOR HOT WATER COIL PIPING INSTALLATION.

INSTALL NEW VFD CONTROLS ON EXISTING ERU UNITS. VFD'S TO BE YASKAWA Z1000 SERIES, (OR EQUAL) NEMA 1 ENCLOSURE, SOFTWARE COMPATIBLE WITH EXISTING BUILDING CONTROLS, VFD TO BE COMPATIBLE WITH HP ON EXISTING UNITS.

CONTRACTOR SHALL INSTALL NEW CO2 AND HUMIDITY SENSORS IN EACH ZONE TO CONTROL VAV AND ERU'S UNITS. COORDINATE LOCATION OF SENSORS WITH OWNER.

There will be a **mandatory pre-bid meeting at Bldg 303, AMWS, Camp Ethan Allen Training Site, Jericho, VT, on Monday, August 25th, 2014 at 11:00 am**. Send an email to LTC John Medenwald, no later than 4 p.m., August 20th, 2014, that you plan to attend so that security can be notified.

The Project Manager will be LTC John Medenwald who can be contacted at john.medenwald@partner.state.vt.us and at PH: 802-233-0814. If you have any questions they must be submitted in writing preferably by Email to the above e-mail address and arrive **no later than Friday, August 29th, 2014 by 10:00 AM**. Every attempt will be made to resolve questions that may arise during the proposal period but in the absence of this, the Contractor is advised to provide a bid based on the available information.

Sincerely,

COL Robert Gingras, EN
Facilities Management Officer
Vermont Army National Guard