

Available Non-Raised Floor Space:**PRTN:**

- (1.) Oct. 2005 estimate assumes a common staging area of 360 sq. ft. on the non-raised floor adjacent to the exit to the loading dock plus an area of 18'x30' on the left hand pan that would be available to the R&D Contractor for office space and storage. The remaining 18'x32' of non-raised floor space is reserved for storage and work area until the end of the current Raytheon contract.
- (2.) Oct. 2006 estimate assumes both the left and right hand pan areas of the Computer Room are available to the R&D Contractor, with the square footage shown including the UPS Room as well. As with the raised floor space, the timing for availability of non-raised floor space requires coordination with the current Contractor to assure smooth transition from the previous contract to the new R&D contract.

Available Power:

Power offered but not utilized by the Contractor's equipment may be used by the Government for other projects, after discussions with the incumbent.

**BLDR:**

- (1.) The projected available power is dictated by the cooling capacity that is available. Currently, the chilled water plant has reached its rated capacity and no further load can be supported without the addition of a new chiller.

**PRTN:**

- (1.) The projected available power for HPC equipment assumes the 2500-kVA campus substation will be upgraded to at least 5000 kVA as of January 2008. The limiting constraint on power to the Computer Room is the 1500-kVA substation servicing the Computer Building.
- (2.) Power estimates assume steady state ratings, not book value ratings for systems.
- (3.) Oct. 2005 estimate assumes the projected power usage of the current Raytheon system will be 580 kW, which is the maximum (80%) capacity of the two current UPSs.
- (4.) Jan. 2008 estimate assumes the full 1190 kVA is available to the R&D HPC equipment, with other Computer Building power loads assumed to remain the same (e.g., the load of the 7 air handlers was measured at 59 kW). Note that this aggressive power level is due to making available the 290 kVA that was being reserved for the emergency operation of Chiller 4.