I. PERMIT
Obtain permit “To Perform Work” from the local fire department to install Fire Alarm System in accordance with NFPA 72 and applicable local codes and regulations.

II. FIRE ALARM SYSTEM
Shall be fully addressable, closed circuit, electrically supervised, non-coded, temporal 3 alarm with both audible and visual indication of alarm and trouble modes.

III. FACP
Shall be an addressable Notifier, NFS 320, 640, 3030 (depending upon system size).

IV. USER PASSWORD
Contact Tufts Fire Marshal for password

V. PROGRAM PASSWORD
Contact Tufts Fire Marshal for password

VI. PROGRAMMING
1- Sleeping area smoke detectors shall be 24 volt sounder base through a relay and report as SUPERVISORY/TROUBLE. All sounders should activate on a common area alarm.
2- Common area initiating devices shall report as ALARM.
3- Sprinkler Tampers shall report as SUPERVISORY/TROUBLE.
4- Sprinkler Flows shall report as ALARM.
5- Carbon Monoxide detectors shall report via the Bosch panel.
6- Zone 70 for Disable/Enable of Horn/Strobes.

VII. DEVICE LABELS
All addressable devices shall be clearly labeled (using a label maker) with the Loop and Address affixed to the device.

VIII. COMMUNICATIONS
All Fire Alarm Control Panels shall be connected to the Tufts Campus Police Dispatch Center. This will be accomplished by using either the existing means of communication or by a new Bosch D9412G-BV2 Fire/Security panel. You must contact the Tufts Department of Public Safety IT person to facilitate this communication.

IX. WIRE
Twisted, unshielded, minimum gauge 16 for SLC loop and either 16 or 14 gauge for the indicating circuit (depending upon wiring lengths and number of devices).
X. AS-BUILT WIRING DIAGRAMS
   Upon completion of the installation of the system, provide to the Tufts Fire Marshal one (1) set of as-built wiring diagrams that shall illustrate emergency communication wiring and central panel schematics. The diagrams shall also be submitted on a CD.

XI. COMMISSION
   Upon the completion of the installation of the equipment, the Fire Alarm System shall be commissioned by the AHJ and the Tufts Fire Marshal.

XII. ACCEPTANCE TEST WITNESS
   The Fire Alarm System Contractor shall perform a U.L. Acceptance Test on the system. The test shall be witnessed by an independent third party (approved by the Tufts Fire Marshal). Said test shall be performed before the system is turned over to Tufts. The Project Manager must ensure that this be done by either requesting it in the Bid or carrying the cost separately in the project budget.

XIII. DOCUMENTATION
   Provide the Tufts Fire Marshal with Record of Completion and a Fire Alarm Test Report indicating that ALL installed devices have functioned and communicated properly to the Tufts Police Dispatch Center.

XIV. The undersigned has agreed to comply with the Tufts Fire Alarm System Standard as described above.

________________________________________________________________________
PROJECT LOCATION/NAME                                          TUFTS FIRE MARSHAL
________________________________________________________________________
FIRE ALARM CONTRACTOR                                           DATE

OFFICE} 617-627-2745
FAX} 617-627-3116