PART I - GENERAL

1.1 SUMMARY
A. Each new and remodeled building shall be provided with a lightning protection system.
B. The design of the lightning protection systems shall indicate sufficient information in the Contract Documents to allow competitive bidding.

1.2 STANDARDS AND REFERENCES
A. The following sources of industry standards shall be used.
   1. Lightning Protection Institute (LPI)
   2. National Fire Protection Association (NFPA)
   3. Underwriter's Laboratories (UL)
B. All materials, equipment, installation, and arrangement of the system shall comply with the following specific references:
   1. LPI-175, Lightning Protection Installation Standard
   2. LPI-176, Lightning Protection System Material and Components Standard
   3. LPI-177, Inspection Guide for LPI Certified Systems
   4. NFPA-780, Lightning Protection Components
   5. UL 96, Lightning Protection Components
   6. UL 96A, Installation Requirements for Lightning Protection Systems

1.3 QUALITY ASSURANCE
A. Perform work in accordance with NFPA 780.
B. Perform work in accordance with UL 96A and provide independent UL Master Label inspection. Upon passing UL Master Label inspection, provide Master Label Certificate to F&S, and post framed copy in the room containing the Service Entrance to the building.
C. Master label Certificate shall be posted to the UL website at lps.ul.com.

PART 2 - PRODUCTS

2.1 Materials
A. All LPS materials shall be copper unless mounted on surfaces where galvanic action is possible, such as Aluminum flashing, etc.

PART 3 - EXECUTION

3.1