

## **PART 1 - GENERAL**

### **1.1 SUMMARY**

**1.1.1** Includes But Not Limited To: Furnish and install specified material as described in Contract Documents.

**1.1.2** Related Sections:

**1.1.2.1** General Conditions, Division 1

**1.1.2.2** Section 200000 - General Mechanical Requirements

**1.1.2.3** Section 237300 – Air Handling Units With Coils

### **1.2 QUALITY ASSURANCE**

**1.2.1** Air Terminal Units shall have ETL certified sound data and ARI certified heating / cooling capacities of the coils.

**1.2.2** The owner shall maintain the right to tour the manufacturer's plant at any time during fabrication of the units specified herein. The vendor shall provide a fabrication schedule to the owner and keep owner informed of changes in the schedule.

**1.2.3** Units shall be warranted against failures on parts for a period of 12 months from shipment or 18 months from startup, whichever occurs first. The on board heating and cooling coil shall carry a 5 year limited warranty on equipment failure.

### **1.3 BASE AND ALTERNATE BIDS**

**1.3.1** Base Bid: No induction terminals.

**1.3.2** Alternate Bid M-1: Under the base bids, the induction terminals will be added to the project scope of work as a separate bid and pricing package. The basis of design is NuClimate. Due to variations between manufacturers, terminals other than basis of design will result in changes to hydronic pump flows, air handler airflows, control valve sizes, and hydronic pipe sizes. The Contractor shall include the cost of any other equipment changes as well as the design adjustments required by the associated air terminal unit. The following manufacturers are approved for use on this project. No substitutions of manufacturers other than those listed will be considered. See paragraph 2.2 for additional requirements. Provide induction terminals identified as Alternate M-1a, M-1b, M-1c.

M-1a: NuClimate

M-1b: Dadanco

M-1c: MAFNA