SECTION 11 06 00 (00090) – MISCELLANEOUS EQUIPMENT

PART 1 – GENERAL INFORMATION
The miscellaneous equipment schedule serves as a common reference tool for the Owner, Architect, Engineers and the Contractor(s) throughout the project. Early identification of all equipment by the department and development of the equipment listing will assist in ensuring that the preliminary design properly addresses and accommodates all the known and anticipated miscellaneous equipment for the project scope. This includes both Owner furnished equipment and contractor furnished equipment. In addition, the equipment schedule will assist the architect and engineer during their equipment survey and through document completion. This should result in better coordination between disciplines, minimizing potential for errors and omissions during the construction phase. The importance of accurately completing this schedule cannot be over emphasized.

It is the Architects responsibility to incorporate into the contract documents the WUSM developed standard miscellaneous equipment schedule. Use of any other format for identification of miscellaneous equipment is by exception only and shall be on a per project basis as approved by the WUSM project manager. WUSM will provide the miscellaneous equipment schedule form along with CAD drawing files to the architect for incorporation and completion for each project. A reduced miscellaneous equipment schedule is attached for reference.

PART 2 – MISCELLANEOUS EQUIPMENT SCHEDULE:
See next page for standard miscellaneous equipment schedule
PART 3 – MISCELLANEOUS EQUIPMENT SCHEDULE RESPONSIBILITIES/EXECUTION

WUSM/Architect:

1. WUSM Project Manager & the Architect to review equipment with each department. The architect shall identify & tag all equipment within the department to be relocated along with new equipment and future equipment.

2. The Architect, as a minimum, must complete the following columns of the miscellaneous equipment schedule to ensure that the design development drawings accurately incorporate all equipment in the final design.

   Misc. Equip. No., Item, location, Manufacturer and Existing Equipment Location.

   Note: The Architect and Project Manager shall work together to establish the equipment numbering system for each project.

3. WUSM to provide the architect/engineer with information on all new WUSM purchased equipment.

4. WUSM/Owner to assist the Architect by identifying any equipment requiring emergency power, dedicated circuits or special water purification requirements.

5. WUSM to provide available catalog cut information on existing equipment and make available to the Architect/Engineers for their use. **Note: It is still the architects and engineers responsibility to survey all of the existing equipment.**

Architect/Engineers:

1. The Architect/Engineer shall survey existing equipment and complete the miscellaneous equipment schedule in its entirety. WUSM project manager will verify equipment disconnect and relocation information and convey to the architect for incorporation into the schedule.

   Note: It is the Architects/Engineers responsibility to survey all existing equipment, identifying equipment manufacturer, model, unit size (w x d x h), all utilities, and rough-in requirements including mounting information.

   This includes but is not limited to:
   
   a) electrical rough-in requirements including volts, amps, Hz, special outlets, plug configuration and tel/data connections
   
   b) plumbing rough-in requirements including H&C water, drain size, floor drain, gasses, etc.
   
   c) mechanical rough-in requirements including heat load information, exhaust cfm and duct size.

2. The Architect shall accurately delineate all miscellaneous equipment on the floor plan. All equipment furnished by the Owner shall be indicated in a dashed line. All equipment furnished by the contractor as part of the contractors scope of work shall be shown with a solid line.

3. Equipment not selected at the time of the drawing completion and anticipated future equipment shall be shown on the plans and identified in the schedule by the use of an asterisk adjacent to the equipment number. Utilities, including equipment size information, shall be assumed based upon best-known rough-in information.

4. It is the Architect’s responsibility to accurately keep the equipment schedule up to date through the project completion, incorporating all Owner and contractor generated equipment changes.

5. It is the Architect’s/Engineer’s responsibility to assure that the bid documents incorporate all equipment (existing, new and future) and that rough-ins requirements, as noted in the utilities column of the equipment schedule, have been incorporated into the bid documents and coordinated between disciplines.

6. At completion of the drawings, the department shall sign off on the final equipment list, acknowledging that all known and assumed equipment have been listed in the equipment schedule and incorporated into the contract documents.
WUSM Project Manager/Architect:

1. During the Pre-Construction Conference, the WUSM Project Manager and Architect shall identify to the WUSM department representative(s) all miscellaneous equipment where exact equipment selection was unknown and still assumed at the time of drawing completion (shown by an asterisk in the TBD column). The department representative should be prompted to finalize those equipment selections ASAP, so that rough-in information can be verified by the Architect/Engineer and allow time for issuance of any necessary change directives to construction, prior to construction completion of rough-ins.

END OF SECTION