

SECTION 01 78 20
FACILITIES MANAGEMENT DATA

PART 1 - GENERAL

1.01 SUMMARY

A. Description:

1. This section specifies the standards that the Contractor shall follow for their scope of work related to Facilities Management Data (FM Data) Requirements.
2. This section does not negate any other section that requires Commissioning or Operations and Maintenance Data.

1.02 RELATED SECTIONS:

- A. Section 01 78 00 - Closeout Submittals
- B. Section 01 91 00 - General Commissioning Requirements

1.03 FACILITY EQUIPMENT DATA

A. Facility Equipment Information Required

1. The Contractor shall provide facilities information in a digital format acceptable to the Owner for all assets identified in Table 01 Asset Groups that are included in the project. The minimum required information per asset are Floor, Location Asset Group, Description, Manufacturer, Model Number, Serial Number and Tag. Contractor shall also provide Owner a photo of the SSC asset sticker, photo of the asset's name plate data, and a photo of each asset in its final location in digital format, at least 8 megapixels and in jpg format. (See photo examples)
2. Floor shall designate the level (Basement, 01, 02, 03,..., Roof) or the exterior by Outside.
3. Location shall be the final room numbers assigned to each space or by use of Roof or Outside.
4. Asset Group shall be one of the asset groups as identified in Table 01.
5. Description shall be a simple description of the asset. (ex. Air Handler Unit)
6. Manufacturer shall be the actual manufacturer's name of the asset from the approved submittal and as installed.
7. Model Number shall be the complete model number of the asset from the approved submittal and as installed

8. Serial Number shall be the serial number for the asset as installed.
9. Tag shall be the tag designation for the asset as installed. (ex. AHU-1)
10. See Table 02 for acceptable format (.xlsx) of data collection.
11. All photographs shall be named in the following format xxxx-yyyyy-zz.jpg where “xxxx” represents the building number, “yyyyy” represents SSC barcode number and “zz” represents the picture number sequence. (ex. 1416-28044-01)

B. Barcodes

1. Barcodes shall be provided by the Owner for Contractor to place on equipment in field. The Contractor shall request these barcodes from the Owner, providing the total number of equipment assets to the Owner.

C. Final Deliverables

1. The Contractor shall provide, on a USB drive, the asset information to the owner within two (2) weeks of the substantial completion date.

1.04 MEETING

A. Contractor shall set up a meeting with the ODR and SSC to review asset groups on the project, quantity of assets on the projects, floor and location nomenclature for the project, placement of barcodes on assets and any other information necessary to complete the task prior to collecting the required information.

PART 2 - PRODUCTS

NOT USED

PART 3 - EXECUTION

NOT USED

END OF SECTION

Table 01 Asset Groups

ACID NEUTRALIZING SYS
AHU
AIR BLOWER
AIR COMPRESSOR
AIR DEHUMIDIFIER
AIR DRYER
AIR HUMIDIFIER
AIR/DIRT SEPERATOR
AMMONIA REFRIG SYS
AUTOCLAVE
AUTODOOR
BACKFLOW PREVENTER
BOILER
BUILDING FIRE SYSTEM
CENTRAL VACUUM EQUIPMENT
CHAIR LIFT
CHILLER
CLOTHES DRYER
COLD STORAGE ROOM
COMMERCIAL DISHWASHER
COMMERCIAL DISPOSAL
COMPACTOR-TRASH
COMPRESS-BLDG
COMPRESS-LAB
CONDENSING UNIT
CONVEYING SYSTEM
COOLING TOWERS
COOKER/OVEN/STOVE
DEHUMIDIFIER
DESCALER
DOCK LIFT
DOOR-OVERHEAD
DRINKING FOUNTAIN
DUST COLLECTOR
ELECTRIC GATE
ELECTRICAL DISTRIBUTION
ELEVATOR
ENTHALPY WHEELS
ENVIRONMENTAL CHAMBER
ENVIRONMENTAL MONITORING
EMERGENCY LIGHTING - BATT
ENERGY EXCHANGE CORE
ENTHALPY WHEEL

ESCALATOR
EXHAUST FAN
EXIT LIGHTING - BATT
FAN COIL UNIT
FAN-RETURN
FAN-STAIR
FIRE BACKFLOW PREVENTER
FIRE PANEL
FIRE PUMP
FOUNTAIN - OUTDOOR
GAS STORAGE TANK
GAS SYSTEM
GLYCOL FEED SYSTEM
HEAT EXCHANGER
HOOD-VENT
HUMIDIFIER
ICE MACHINE
INCINERATOR
KITCHEN EQUIPMENT
LAB EQUIP WASHING SYSTEM
LAB FUME HOOD
LIFT-CRANE_HOIST
LIGHTNING PREDICTION
LOUVER
MEDICAL GAS SUPPLY SYS
MIXING VALVE
NAT-GAS-SYSTEM
NITROGEN GENERATOR
OVERHEAD DOOR
OVERHEAD FAN
PACKAGED AIR CONDITIONER
PANELBOARDS
PLAYGROUND STRUCTURES
PUMP
PUMP-CIRC
PUMP-SUMP
PUMP-WASTE
RADIATOR
RESIDENTIAL DISHWASHER
RETURN AIR FAN
RO WATER SYSTEM
ROOF SYSTEM
SOLAR PANEL
STOVE
STRAINER

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SUPPLY AIR FAN
SURGEON SCRUB SINK
TANKLESS WATER HEATER
TNK-ACID
TNK-FUEL
TNK-GREASE
TRAP-PRIMER
UNIT HEATER
UPS
VACUUM-BLDG
VACUUM-LAB
VAV-FP
VAV-NP
VFD
WALL SYSTEM
WASHING MACHINE
WATER FILTRATION SYSTEM
WATER HEATER
WATER TREATMENT
WATER-DI
WATER-RO
WATER-SPECIAL
WINDOW A/C UNIT

Table 02 Data Collection

| Asset # | Floor | Location | Asset Group | Description | Manufacturer | Model | Serial # | Tag |
|---------|-------|----------|-------------|--------------------------------|--------------|----------|---------------------|--------------|
| 175166 | 01 | 158 | PANELBOARDS | MSA1 - Main Distribution Panel | SQUARE D | HCP | 43 810 194 303 1000 | MSA1 Main SB |
| 175167 | 01 | 119.A | FIRE PANEL | Fire Alarm Main Panel | Siemens | XLS | | NA |
| 175171 | 01 | 137 | VAV-FP | 137, 138 Music Rooms | Price | SDV5-001 | 1318991-030-001 | VAV 3-3 |
| 175172 | 01 | 141 | VAV-FP | 141 Game Room NNW | Price | SDV5-003 | 1318991-029-001 | VAV 3-1 |
| 175173 | 01 | 141 | VAV-FP | 141 Game Room NNE | Price | SDV5-003 | 1318991-050-001 | VAV 3-31 |
| 175174 | 01 | 141 | VAV-FP | 141 Game Room NE | Price | SDV5-004 | 1318991-049-001 | VAV 3-32 |
| 175175 | 01 | 134 | VAV-FP | 134, 135, 136 Gaming Rooms | Price | SDV5-001 | 1318991-031-001 | VAV 3-4 |
| 175176 | 01 | 132 | VAV-FP | 132, 133 Office Key storage | Price | SDV5-001 | 1318991-039-001 | VAV 3-15 |
| 175177 | 01 | 151 | VAV-FP | 151 Gallery NW | Price | SDV5-005 | 1318991-040-001 | VAV 3-16 |
| 175178 | 01 | C130 | VAV-FP | C130 Corridor | Price | SDV5-001 | 1318991-033-001 | VAV 3-6 |
| 175179 | 01 | 130 | VAV-FP | 130, 131 Res Storage Copy | Price | SDV5-001 | 1318991-036-001 | VAV 3-9 |
| 175180 | 01 | 129 | VAV-FP | 129 Conference | Price | SDV5-001 | 1318991-035-001 | VAV 3-8 |
| 175181 | 01 | 128 | VAV-FP | 128 Breakroom | Price | SDV5-001 | 1318991-034-001 | VAV 3-7 |
| 175182 | 01 | 141 | VAV-FP | 141 Game room NW | Price | SDV5-004 | 1318991-048-001 | VAV 3-30 |
| 175183 | 01 | 124 | VAV-FP | 124, 125 Staff Offices | Price | SDV5-002 | 1318991-032-001 | VAV 3-5 |
| 175184 | 01 | 122 | VAV-FP | 122, 123 Staff Offices | Price | SDV5-002 | 1318991-037-001 | VAV 3-10 |
| 175185 | 01 | C115 | VAV-FP | C115 121 Corridor, Storage | Price | SDV5-003 | 1318991-041-001 | VAV 3-17 |
| 175186 | 01 | 120 | VAV-FP | 120 Catering | Price | SDV5-004 | 1318991-038-001 | VAV 3-12 |
| 175187 | 01 | 119 | VAV-FP | 119 Electrical | Price | SDV5-004 | 1341602-004-001 | VAV 3-13 |
| 175188 | 01 | 118 | VAV-FP | 118 MDF | Price | SDV5-003 | 1341602-003-001 | VAV 3-11 |
| 175189 | 01 | 151 | VAV-FP | 151 Gallery SW | Price | SDV5-005 | 1318991-044-001 | VAV 3-24 |

Sample Photos



1416-28044-01



1416-28044-02



1416-28044-03