DeCA COMMISSARY DESIGN GUIDANCE 23 09 16 REFRIGERATION MONITORING AND CONTROL SYSTEMS (RMCS)

GENERAL

- 1.01 Applicable Sections: Division 01 applies.
- 1.02 AE Responsibility: [EDIT SPECIFICATION AS INDICATED BELOW].
 - A. Provide overall control design which clearly, completely, and concisely reflects all control requirements of the project. Edit this specification and DeCA standard details as necessary to achieve required result. Notes to AE are italicized and entered in brackets, e.g. <*****>, throughout this Section to assist AE in editing this Specification.
 - B. Enter appropriate drawing sheet numbers at insert points indicated by "<sheet number>" to indicate HVAC items controlled by RMCS. (See Section 23 05 00 for HVAC items requiring RMCS control). For HVAC equipment not controlled by the RMCS, delete references to such equipment from this specification section.
 - C. Also enter appropriate drawing sheet numbers at insert points indicated by "<sheet number>" to indicate lighting requiring RMCS control. (See also Design Criteria Division 26 for lighting requiring RMCS control). Controlled lighting shall include:
 - 1. Display Case Lighting Design Standard Plate 23 90 00-28.
 - 2. Sales Area Lighting Control Detail Design Standard Plate 23 90 00-08, 26 51 00 -01.
 - 3. Exterior Lighting Control Detail Design Standard Plate 26 56 00-02.
 - D. Provide all necessary additional control specifications to ensure that control requirements are clearly indicated.
 - E. Provide comprehensive control design review:
 - Review complete design to ensure that HVAC control requirements contained in this section are consistent and cohesive with those indicated in Division 23 Construction Specifications and the Construction Drawings.
 - 2. Review complete design to ensure that product refrigeration control requirements contained in this Section are consistent and cohesive with those indicated in Division 23 Construction Specifications and the Construction Drawings.
 - 3. Review complete design to ensure that lighting control requirements contained in this Section are consistent and cohesive with those indicated in Division 26 Construction Specifications and the Construction Drawings
 - 4. Refer to the current DeCA guide specification for further direction.
 - 5. Coordinate the switching and monitoring of lighting power and the monitoring of HVAC and refrigeration power with Division 26.
 - 6. Show locations of manual ventilation stop stations and all controlled units including exhaust fans, dampers, etc. on the drawings.
- 1.03 Salvage Requirements of RMCS Equipment for Existing Facility:
 - A. Indicate the following salvage requirement on drawings and specifications:
 - The existing Remote Control Management Systems (RCMS) shall be demolished with care and equipment components salvaged. Clearly mark damaged salvaged components as "Damaged". Package all components sufficiently to protect from damage during shipment, mark packages as fragile where applicable and ship with package tracking capability. Ship to:

Defense Commissary Agency Headquarters

2250 Foulois Street

JBSA Lackland, TX 782336

Attention: Division Chief of Facility Sustainment

END OF SECTION

June 2022 23 09 16 1