**6. ENGINEERING SYSTEMS REQUIREMENTS**

**E10 EQUIPMENT**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
SYSTEMS REQUIREMENTS  
EQUIPMENT TEMPLATE 09/22  
  
Instructions for using this template: There are template files for each UNIFORMAT Level 2 Group Elements. This template is for Group Element E10-EQUIPMENT. Text such as this is hidden text that will not print when the hidden text box in "Print/Options" is un-checked.  
  
The Architectural Member must edit this template for the requirements of the project. The SYSTEMS REQUIREMENTS are intended to define items that are required throughout the facility or on a system wide basis that is common to several rooms. Room-specific requirements are defined in the Part 3 Chapter 5 ROOM REQUIREMENTS section. Coordinate with the lead programmer for ROOM REQUIREMENTS. Editing is required where brackets [ ] appear. Delete all building elements that are not required for the project. If additional elements or sub-elements are required for the project that do not appear in the template, refer to the NIST UNIFORMAT II publication for additional building element numbers and descriptions. The Uniformat II Work Breakdown Structure can be found at** [**www.wbdg.org/ndbm/**](http://www.wbdg.org/ndbm/) **. Coordinate with the PERFORMANCE TECHNICAL SPECIFICATION SECTION E10 to ensure that performance requirements are provided for all of the Building Elements listed here and that paragraph numbering matches.  
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NOTE: Edit the following paragraphs to suit the project, or create your own, to describe the EQUIPMENT for the project. Equipment that is typically included in a construction contract includes security and vault equipment such as vault doors and day gates, loading dock equipment such as dock levelers, and food service equipment. Coordinate this section carefully with other portions of the RFP.  
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**GENERAL SYSTEMS REQUIREMENTS**  
 **E101003 VENDING EQUIPMENT**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
NOTE: Provide a list of anticipated vending equipment for the project. List any special utilities that are required.  
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Design the facility to provide space, utilities, and cooling to accommodate the following vending equipment;

a. [\_\_\_\_]

b. [\_\_\_\_]

**[E101003 VENDING EQUIPMENT**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
NOTE: If a full service juice bar is provided, delete this section. If not, coordinate quantity, type, size and utility requirements of vending equipment with the Installation user. Provide the vending equipment information below for the DOR to accommodate the space and utility requirements. Vending equipment will be user provided in contract with an outside vendor.   
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[Space and utility requirements for the following vending equipment shall be accommodated:

**E101004 LAUNDRY EQUIPMENT**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
NOTE: Laundry equipment is indicated in Part 3, Chapter 5, "Room Requirements" portion of this RFP. RFP writer is to provide laundry equipment specification criteria to be obtained and developed from meeting with the Activity user or in contact with CNIC for equipment performance criteria for inclusion in Part 4 PTS.  
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Contractor shall furnish and install laundry equipment as indicated within the Part 3, Chapter 5, "Room Requirements" portion of this RFP. A major factor in the equipment selection will be the Contractor's and his Vendor's ability to provide quick and convenient service and repair in the project location. Equipment must be easily and quickly repaired/serviced by local personnel, and a reasonable quantity of repair parts shall be stocked and readily available on short notice.

The Contractor shall provide all work necessary to support laundry equipment including utility services and structural support. The Contractor is responsible for a complete dryer ventilation system.

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NOTE: RFP writer to meet with the activity user to collect the following information. Provide the teller and service equipment information below for the DOR to provide the equipment and accommodate the space and utility requirements. Coordinate quantity, type, size and utility requirements of equipment with the installation user. Select one of the options based on if items are contractor or user provided Provide performance specification or model type information in Part 4. If a Juice Bar/Vending/Retail space is in the project scope, confirm with activity user if a built-in safe is required. Built-in safe would be within the section below.  
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**E101006 TELLER AND SERVICE EQUIPMENT**

[Contractor shall provide the following listed equipment and accommodate space and utility requirements for the equipment noted.] [Space and utility requirements for the following user provided teller and service equipment shall be accommodated:

|  |  |  |  |
| --- | --- | --- | --- |
| **Qty.** | **Equipment** | **Utility Reqmts.** | **Room** |
| [1] | [Built-in Safe] | [None] | [Retail/Vending/Juice Bar] |

**E1020 INSTITUTIONAL EQUIPMENT**

**E102001 MISCELLANEOUS COMMON FIXED & MOVABLE EQUIPMENT**

Contractor shall provide equipment as indicated within the Chapter 5, "Room Requirements" portion of this RFP.

Miscellaneous common fixed & movable equipment includes:

• Ceiling Fans

• Hair Dryers

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NOTE: Consider the following paragraph when the facility will include a loading dock.  
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**E102009 AUDIOVISUAL EQUIPMENT**

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NOTE: For Navy projects choose the first bracketed option below and delete the second option. For Marine Corps Projects choose the second bracketed option below and delete the first option.  
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[Coordinate design requirements with the end user/Command Information Technology (IT) personnel, and provide Audiovisual (AV) equipment. Provide the services of an audiovisual equipment specialist to design and specify the audiovisual equipment.

AV Equipment including electronics potentially connected to data/IT, must be coordinated with design and construction but planned for and funded by the user or Budget Submitting Office sponsoring the user. AV equipment includes, but is not limited to: intercom/sound systems, smartboards, flat screens, projectors, video teleconferencing, interactive wall systems and Closed-Circuit-Televisions (CCTVs).

AV equipment will not be funded as part of the Furniture, Fixtures, & Equipment (FF&E) Package.

AV Equipment will be purchased using separate funding. The AV Equipment will be identified as a separate line item, and priced separately from the FF&E. AV Equipment will be funded as an option.]

[Coordinate design requirements with the end user/Command Information technology (IT) personnel, and provide Audiovisual (AV) equipment. Provide the services of an audiovisual equipment specialist to design and specify the audiovisual equipment.

AV Equipment including electronics potentially connected to data/IT, must be coordinated with design and construction but planned for and funded by the user or Budget Submitting Office sponsoring the user. AV equipment includes, but is not limited to: intercom/sound systems, smartboards, flat screens, projectors, video teleconferencing, interactive wall systems and CCTVs. The AV equipment will be funded as part of the FF&E Package.]

**E1030 VEHICULAR EQUIPMENT**

**E103002 LOADING DOCK EQUIPMENT**

Contractor shall provide equipment as indicated in Chapter 5, "Room Requirements" portion of this RFP.

[Elevated Loading docks shall be provided with dock bumpers][and dock levelers.]

**E1040 GOVERNMENT FURNISHED EQUIPMENT**

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NOTE: Choose second bracketed option and edit appropriately when Government Furnished Contractor Installed equipment is part of RFP. Include building number and approximate distance from site in bracketed spaces. When equipment is furnished by the Government, include Shop Drawings and Product Data sheets with information defining equipment and requirements in Part 5, "Room Requirements" portion of the RFP documents. Choose first option for all other projects.  
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[There is no Government Furnished equipment in this project.]

[Rough-in and provide connections for Government-furnished equipment such that equipment will operate as intended, including providing miscellaneous items such as plugs, receptacles, wire, cable, conduit, flexible conduit and outlet boxes or fittings. [Pick up equipment at [ ] and transfer to site for storage until ready for installation.] [Equipment must remain under the control of the Government until such time as the Contractor is ready to install. Provide 30 days advance notice of expected installation date and pick up equipment at [ ] and transfer to site for installation.] Testing requirements of Government Furnished equipment is the responsibility of the Contractor and must follow the same guidelines as though the Contractor had provided the equipment. Install the following Government furnished items: [ ], [ ], [ ]]

**E1090 OTHER EQUIPMENT**

**E109002 FOOD SERVICE EQUIPMENT**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
NOTE: Meet with activity user to develop list of project "food service equipment", referencing the lists found in Chapter 5, "Room Requirements". Include final list here or in Part 6, "Attachments". Coordinate provision of utility requirements of the equipment.  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Provide food service equipment as indicated in Part 3 Chapter 5 Room Requirements portion of this RFP.

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NOTE: If a Multipurpose Field or Softball Fields are within the scope of this project retain the paragraph below. The RFP preparer is to confirm and/or update the list of the equipment to be provided in the Concessions refer to Chapter 5, "Room Requirements".  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

[[Multipurpose Field] [Softball Fields] Support Building Concessions food service equipment will be user provided by a third party. Provide space and utilities for the equipment listed in Chapter 5, "Room Requirements".]

**E109007 ATHLETIC, RECREATIONAL & THERAPEUTIC EQUIPMENT**

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NOTE: If a Rock Climbing Wall is included in project program the RFP writer is to select and coordinate type of construction option (prefabricated system or custom-built). A prefabricated wall system is listed here; a custom-built Rock Climbing Wall is in C103090.  
  
Meet with Activity user and CNIC (N921) fitness program manager to determine if a boxing program is within the project scope. Retain the punching bag and speed bag option below in coordination with the program requirement.  
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Contractor shall provide the following athletic equipment and accessories as noted in Part 5, "Room Requirements":

• Retractable Basketball Backboards/Nets; [manually operated] [power operated]

• Wall Safety Padding

• Volleyball Supports System

• Wally-ball Net Mounting Sockets

• Floor inserts for gymnastics standards

• Exercise mats

• Pull up bars

• Electronic Scoreboards and Control Centers

• Timing Clocks

• Volleyball Elevated Judges Stand

• Digital Wall Clock

• [Punching Bag and Speed Bag]

• [Rock Climbing Wall]

• [Water tub and ladle]

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
NOTE: If a Multipurpose Field or Softball Fields are in the project program retain the following paragraph. Review the types of equipment in the UFC associated with Multipurpose Fields with the activity user and CNIC (N921) fitness program manager, make adjustments to items below accordingly.  
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[Contractor shall provide the following Multipurpose Field equipment and fixtures:

• Soccer Goals and Cones

• Field Goal Posts (American Football); removable

• Exterior Electronic Scoreboard and Control Center]

• Two-way intercom system between the control counter and the field kiosk.]

[Contractor shall provide the following Softball Field equipment and fixtures:

• Bases

• Portable Bleachers

• Exterior Electronic Scoreboard and Control Center]

• Two-way intercom system between the control counter and the field kiosk.]

• Trash and Recycling Receptacles

**E109090 OTHER SPECIALIZED FIXED AND MOVEABLE EQUIPMENT**

Contractor shall provide automatic external defibrillators (AED) as noted in Part 5, "Room Requirements": Provide signage for AED locations.

--End of Section--