

STREAM

Designer Direction and Design Guidelines Attachment 1: Agency Specific Standards

Summary

The below referenced standard are to be specified by the Designer as the sole allowable manufacturers and products on capital projects where those systems are used for each referenced agency. Where only one or two manufacturers are shown, the Designer shall list an additional option as “Or Approved Equal” which shall be provided to the State for verification. Please verify these standards with STREAM and the User Agency prior to bidding as these may be updated.

Department of General Services for buildings in the Facilities Revolving Fund (FRF)

SBC project numbers: 100, 300, 400, 402, 408, 442, 460, 480, 500, 502, 520, 523, 526, 527, 529, 700

Division 08 - Openings

Electrified Mortise Locksets

1. Best 40HW
2. Schlage L Series
3. Or Approved Equal

Concealed Electrified Power Transfer

1. ELCEPT Securitron
2. ABH PT 1200
3. Von Duprin EPT 10

Electric Strikes

1. HES 1006
2. HES 7000 (rim strike)
3. Or Approved Equal

Integrated Locks / Access Control System

- These will be provided by the State’s vendor under separate contract. For reference, the State’s vendor will be utilizing Assa Abloy IE 220 for POE (Cat6 wired) systems and Assa Abloy SN 200 series for traditional wired systems. The Contractor will need to prep the door and hardware to accept the State’s hardware.

Division 22 - Plumbing

Hands Free Flush Valves

1. Sloan
2. Toto
3. American Standard

Division 23 - HVAC

Building Automation System (BAS) – Niagra 4 management platform with all downstream devices fully controlled and programmable thru the N4 Server.

1. Vicon Edge - Ethernet communication with RSTP rapid spanning tree protocol, utilizing a contractor provided network for all connected BAS controlled IP devices. Only the JACE shall be connected to the State's network.
2. Honeywell Optimizer - Ethernet communication with RSTP rapid spanning tree protocol, utilizing a contractor provided network for all connected BAS controlled IP devices. Only the JACE shall be connected to the State's network.
3. Distech Eclipse - Ethernet communication with RSTP rapid spanning tree protocol, utilizing a contractor provided network for all connected BAS controlled IP devices. Only the JACE shall be connected to the State's network.
4. Alerton VisualLogic IP - Ethernet communication with RSTP rapid spanning tree protocol, utilizing a contractor provided network for all connected BAS controlled IP devices. Only the JACE shall be connected to the State's network.

Air Handlers

1. Carrier
2. Temptrol
3. Trane

Centrifugal Chiller

1. York
2. Carrier
3. Trane

Air Cooled Chiller

1. Carrier
2. Trane
3. Daikin

Cooling Tower

1. BAC
2. Marley
3. Evapco

Boiler

1. Riello
2. Lochinvar
3. Weil McLain

Drives

1. Honeywell
2. Trane
3. Danfoss

Pump Systems

1. Grundfoss
2. Taco
3. B&G

Package Units

1. Carrier
2. Trane
3. Daikin

Split Systems

1. Data Aire
2. Liebert
3. Mitsubishi

Division 26 - Electrical

Lights – all troffer fixtures in acoustical tile ceilings shall be 2x2 dimable direct/indirect LED units with 4100k light temperature. Other fixtures shall match lighting temperature unless approved otherwise.

Lighting Control System – LCS shall be Zigbee based wireless control system. Systems that have not been previously verified by State networking must be tested and approved to not interfere with State WiFi systems.

Generator

1. Kohler
2. Caterpillar
3. Cummings

Switchgear

1. Russell Electric
2. Eaton
3. Schneider

Fire Alarm – Fully addressable system

1. Honeywell – Notifier Line
2. Simplex – 4100 system
3. Edwards – EST4 (large bldgs.) or io1000 (small bldgs.)

Access Control System – ACS system and cabling will be provided and installed by State Vendors under separate contract. Designer and Contractor are responsible for providing pathways for connection of the door mounted devices to the head end, located in Security IT rooms.

Camera Security System – VMS system and cabling will be provided and installed by State Vendors under separate contract. Designer and Contractor are responsible for providing pathways for connection of cameras and other devices to the head end, located in Security IT rooms. On-site monitoring room may be required based on the building requirements.