



## Main Hospital Pharmacy Pyxis Reconfigurations

**Project Number: 9557640**

**ADDENDUM NO. 1 dated July 16, 2024**

### REQUEST FOR PROPOSALS

#### GENERAL

This addendum forms a part of the Contract Documents and modifies the original RFP Documents dated June 4<sup>th</sup>, 2024, and consists of pages AD1-1 thru AD1-5. The following changes, additions and/or deletions shall be made to the following documents: all other conditions shall remain the same.

#### ITEM NO. I – CONTRACT DOCUMENTS

##### ANNOUNCEMENT TO PREQUALIFIED PROPOSERS, REQUEST FOR PROPSALS SCHEDULE

1. CHANGE Technical and Price Proposal deadline to **July 24, 2024, at 2 p.m.**
2. CHANGE Price Proposals to be open to **July 31, 2024, at 11 a.m.**

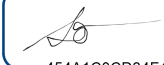
#### ITEM NO. II – CLARIFICATIONS

	<b>9557640 Pharmacy Main Hospital Pyxis Reconfiguration - Prebid RFIs</b>
1	<b>Question:</b>
	Section 3.1 (page 8 of RFP) asks us to identify a Specifications Writer. Is a Specifications Writer resume required for this project?
	<b>Answer:</b>
	Specifications Writer resume is not required.
2	<b>Question:</b>
	Section 3.2.1 - Preliminary Construction Phasing:
a.	Is it acceptable to relocate specific work areas / egress (e.g. above 3rd floor Birthing Recovery Rm 3762/Nurse Stn 3762A / Corridors at Nurse Stations) as required for new work and ICRA Level 3 & 4 requirements?
b.	To determine appropriate scheduling of work, work labor rates, and duration costs, are there requirements to work weekends at any point in the project?
	<b>Answer:</b>
a.	Impact a single nurse station per floor at a given time. Impacted nurse station medication dispensing operations will be closed and consolidated with adjacent nurse station. Strong preference to keep some counter space open for nursing operations during construction.
b.	Weekend work and off-hours work is not anticipated. Utility shutdowns to occur during normal hours with UCDH PO&M support.
3	<b>Question:</b>
	Architectural Standards/ Finishes:
	Are there any available UC Davis Main Hospital/Davis Tower standards for finishes (e.g. flooring, casework, wall/door protection, paint, acoustical ceiling tiles, etc.)?
	<b>Answer:</b>

	See links to Design Standards <a href="https://health.ucdavis.edu/facilities/work-with-us/design-standards">https://health.ucdavis.edu/facilities/work-with-us/design-standards</a> and Design Guidelines <a href="https://health.ucdavis.edu/facilities/work-with-us/design-guidelines">https://health.ucdavis.edu/facilities/work-with-us/design-guidelines</a> .
4	<b>Question:</b>
	Infection Controls Standards:
	Please provide UC Davis Main Hospital Infection Control Standards for each floor of new work whether it is Level 3 or 4.
	<b>Answer:</b>
	Davis Tower floors 8 & 10 require Class IV containment. Other floors require Class III containment. See attached Division 01 Specification 015610a - Construction Infection Prevention Best Practice Standard.
5	<b>Question:</b>
a.	Is there a required Fire Alarm contractor/designer?
b.	Please provide contact for above.
	<b>Answer:</b>
a.	Industrial Electronic Systems, Inc.
b.	<a href="mailto:Rudy.Degenhardt@iesi.net">Rudy Degenhardt Rudy.D@iesi.net</a> 916.638.1000
6	<b>Question:</b>
a.	Can you provide cut sheet on existing med refrigerators that will be reused?
b.	Will the refrigerators be relocated with the other Pyxis machines?
c.	The refrigerators did not appear to be seismically braced. Is seismic bracing for this equipment part of the DB scope?
	<b>Answer:</b>
a.	Typical existing med refrigerators on all floors; Follett FZR5P Performance Plus Undercounter Medical-Grade Freezers. See attached cut-sheets. Single 8th floor small refrigerator; Follett REF1 Medical Grade Countertop Refrigerator. See attached cut-sheets.
b.	Refrigerators relocation to be determined by Design Build Contractor. Relocate as required for Pyxis equipment replacement.
c.	Refrigerators are not intended to be part of this scope. Minimize replacement scope.
7	<b>Question:</b>
	Is there a service elevator that serves the tower or should bidders expect to use the passenger elevator?
	<b>Answer:</b>
	Service elevator is available for bidder use.
8	<b>Question:</b>
	Can the site accommodate 1-2 storage containers to be utilized as a laydown area?
	<b>Answer:</b>

	Limited laydown space is limited but may be available. Requests are reviewed holistically as part of a monthly parking coordination call scheduled for fourth Friday of each month. Complete the project intake form for "Exterior Space & Construction Staging Needs Request Form" at <a href="https://app.smartsheet.com/b/form/ed0ae94cab3d4154bff41b4207d9246f">https://app.smartsheet.com/b/form/ed0ae94cab3d4154bff41b4207d9246f</a> .
9	<b>Question:</b>
a.	Is there a required Data/Com contractor/designer?
b.	Please provide contact for above.
	<b>Answer:</b>
a.	University has preferred low voltage contractors; Nor Cal Communications, Elite Cable Systems, Valley Communications, Inc., Cal Coast Telecom, T&D Communications, CALDATA, NetXperts
b.	Nor Cal Communications Michael Romo michael@norcalcomm.us 916-760-4170, Elite Cable Systems Raphael Harris rharris@elitecable.net 916-635-3303, Valley Communications, Inc. Jeff Frydenlund jfry@valley-com.com 916-349-7320, Cal Coast Telecom Dave Gross daveg@cctcom.net 916-603-2850, T&D Communications Johnny Reyna jreyna@tandddcomm.com 510-824-0010 x 102, CALDATA Joseph Berube Joseph.Berube@CalDataComm.net 916-430-6322, NetXperts Lloyd Green lgreen@netxperts.com 925-658-9150
10	<b>Question:</b>
	Can we assume all the existing undercounter refrigerators are all on emergency power already? At the job walk this was not discernable.
	<b>Answer:</b>
	Undercounter refrigerators are not defaulted to be a part of this project. Electrical record drawings have been furnished. Conditions should be confirmed in the field.
11	<b>Question:</b>
	Is the preference to rebuild all upper cabinets to preserve as much storage as possible or eliminate a upper cabinet section entirely where it conflicts with the equipment.
	<b>Answer:</b>
	Preference is to preserve as much as existing storage as possible while maintaining the project's equipment replacement classification. Intent is not to provide new cabinets. Modify as required for equipment replacement.
12	<b>Question:</b>
	At locations where there are switches and/or fire alarm devices existing on the wall that conflict with the tower location in lieu of relocating those items, can the tower be placed to the left of the main pyxis?
	<b>Answer:</b>
	The main Pyxis units cannot be to the left of the tower. The door on the tower opens to the left and the swing cannot be switched. You use the main pyxis unit to unlock the tower unit. If the main is to the left, the open door blocks access into the tower unit. Confirm if fire device is required. If required, do not block. If not required, device may be removed for equipment replacement.
13	<b>Question:</b>

	At the job walk, there is one location on floor 11 station 3 where an existing undercounter fridge is on top of an existing base cabinet with a blank front, can this cabinet be removed, and refrigerator placed on the ground? (There was no access to the inside of cabinet during the job walk to confirm that the cabinet is empty, and the front is screwed shut).
	<b>Answer:</b>
	The cabinet is unused. Cabinet may be eliminated or relocated as required for equipment replacement.
14	<b>Question:</b>
	At the job walk, a staff "no interruption zone" delineation was requested to be modified or added to stations where it does not currently exist. What material is required for this? We believe it is just tape, please confirm.
	<b>Answer:</b>
	Floor replacement is not in scope. Some minor patching from damage may be required. Surface applied indicator is acceptable.
15	<b>Question:</b>
	Does UCDH have a limitation to the number of concurrent locations Pyxis machines can be installed at one time?
	<b>Answer:</b>
	Only one nurse station per floor can be under construction. Multiple floors can be under construction.
16	<b>Question:</b>
	Can surface mounted raceways and surface mounted receptacles and tele/data outlets be used in this project to avoid opening walls for new devices?
	<b>Answer:</b>
	Surface mounted raceways and surface mounted receptacles for power are NOT allowed. Tele/data have been allowed, at times, it is not the preferred method of construction.
17	<b>Question:</b>
	Are we expected to anchor any other existing equipment in the project area beyond the new and existing pyxis equipment identified?
	<b>Answer:</b>
	In the interest of limiting the costs, the scope of this project has been limited to Pyxis machines. As the design profession of record, the design build contractor should determine if other equipment must be addressed to obtain HCAi approval.
	See link for site photos <a href="https://www.dropbox.com/scl/fo/vc8w0l35s844y620w94oo/AKQLPhHnNQI3P7ujeZb3gvg?rlkey=mzpjlnyz9cup09yzvluvghd7r&amp;st=x4ai1cyh&amp;dl=0">https://www.dropbox.com/scl/fo/vc8w0l35s844y620w94oo/AKQLPhHnNQI3P7ujeZb3gvg?rlkey=mzpjlnyz9cup09yzvluvghd7r&amp;st=x4ai1cyh&amp;dl=0</a>

DocuSigned by:  
  
 454A1C0CD34F4B2...  
 Seth Oberst  
 Project Manager

Facilities Design & Construction



# FZR5P Performance Plus

medical-grade undercounter freezer

## Features

### Superior temperature performance

- custom-designed microprocessor temperature controller
- air-cooled refrigeration system with heavy duty 1/4 horsepower compressor
- environmentally friendly, non-CFC R404a refrigerant
- programmed automatic defrost every 6 hours
- cabinet-wide temperature remains within  $\pm 1$  C (1.8 F), even with frequent door openings

### Convenience and security

- fits below 36.00" (91.4 cm) standard countertops without casters
- refrigeration system settings accessed through door-mounted controls
- exterior LED digital temperature display available in user-programmable C or F with choice of product or air temperature
- user-programmable audible and visual high/low alarms
- mechanical lock – mounted on side of door
- lockable controller so set points cannot be inadvertently changed
- flexible internal storage configuration (drawers and shelves interchangeable)
- Agion® antimicrobial and UV product protection added to molded plastic façade<sup>1</sup>

### Durability and serviceability

- stainless steel construction on exterior and interior
- two epoxy-coated wire shelves standard
- back wall evaporator and front ventilation (no top, back or side clearance required)
- heavy-duty edge-mount self-closing hinges
- solid stainless steel door
- right or left-hinged door with integral handle and magnetic gasket door closure provides ease-of-use

### Warranty

- 2 year parts and labor
- 5 year compressor parts only
- optional extended one year warranty (item# EW12)
  - 3 year parts and labor
  - 5 year compressor parts only
- optional extended three year warranty (item# EW36)
  - 5 year parts and labor

### Certifications



Commercial Refrigerator  
SAFETY US/CA – SA12646

Model configurations			
Controls	Hinge location <sup>1</sup>	Keypad	Item number
<b>LED</b>	right	no	<b>FZR5P-OR-00-00</b>
		yes	<b>FZR5P-OR-KP-00</b>
	left	no	<b>FZR5P-OL-00-00</b>
		yes	<b>FZR5P-OL-KP-00</b>

<sup>1</sup> As facing the unit.

## Options and accessories

Keypad and electronic lock

Replacement NTC probe with NIST-traceable certificate of calibration (item# 01077841)

Additional shelf (1) (item# 01059484)

Drawer accessory kit (1 drawer, glide hardware and flush front panel) (item# 01053644)

Drawer accessory kit (2 drawers, glide hardware and flush front panel) (item# 01067750))

Temperature surveillance module (includes alarm, 6.00" (15.24 cm) chart recorder, remote contacts) (item# 00168674)

Universal ADC-compatible bracket (for all medication dispensing system locks) (item# 01059096)

Glycerine, 16 oz (item# 00959296)

Stacking kit (Performance Plus on Performance Plus) (item# 01054006)

Stacking kit (REF/FZR Series on Performance Plus) (item# 01067172)

Pedestal base, 23.75" wide x 24.00" deep x 17.00" high (60.3 x 61.0 x 43.2 cm), stainless (item# 01059120)

Castors (set of 4 with spacers) (item# 01053636)

Wall mount kit (item# 00153700)

Seismic bracket kit (item# 01059104)

NO/NC dry contacts for connection to remote alarm systems (item# 01092022)

<sup>1</sup> Disclaimer: Antimicrobial protection is limited to the plastic façade.

Specification

Nominal capacity	4.5 cu ft (127 L)
Ventilation clearance	0.0" for top, side and back clearance

Exterior

W1 Width	23.75" (60.3 cm)
D1 Depth cabinet	25.62" (65.1 cm)
Depth with façade	27.00" (68.6 cm)
H1 Height	34.00" (86.4 cm)
Height with casters	36.50" (92.7 cm)
Door swing	24.00" (60 cm) from front of cabinet, 180° from closed

Interior

Width	19.75" (50.2 cm)
Depth	18.32" (46.5 cm)
Height	21.54" (54.7 cm)
Storage system	(2) 18.10" x 19.10" (46.0 cm x 48.5 cm) epoxy-coated steel shelves

Door configurations

Door	solid, foamed stainless 21.50" x 22.51" x 1.63" (54.6 cm x 57.2 cm x 4.0 cm)
Door lock	cylinder lock
Door handle	molded into front façade
Door hinges	edge-mount, self-closing, right or left
Gasket	magnetic

Electrical

C1 115 V/60/1 electrical	7.1 run load amps, NEMA 5-15P 90° hospital-grade plug. PVC, SJT, 16GA, 7' (2.1 m) cord.
Maximum size of branch circuit overcurrent device	15 amps dedicated circuit

Controls

Temperature display	standard 7 segment LED
C2 3rd party probe access	rear access port
Factory preset	-27.8 C
Product simulation bottle	(1) 60 ml
Programmable operating range	-37 to -18 C (-35 F to 0 F)

Alarming

High and low product temperature alarm	audible and visual, user programmable set points in C or F
Probe error alarm	audible and visual — product temperature probes, refrigeration and defrost
Alarm mute	user selectable
Alarm volume	0 -10 adjustable
Min/max temperature log	shows highest and lowest product temperature since last reset occurred

System performance

Refrigerant and charge	R404a refrigerant, 10 oz
Energy consumption	5.8 kWh/day
Nominal heat rejection <sup>1</sup>	825 BTU/hr (242 W)
Max heat rejection	2175 BTU/hr (637 W)

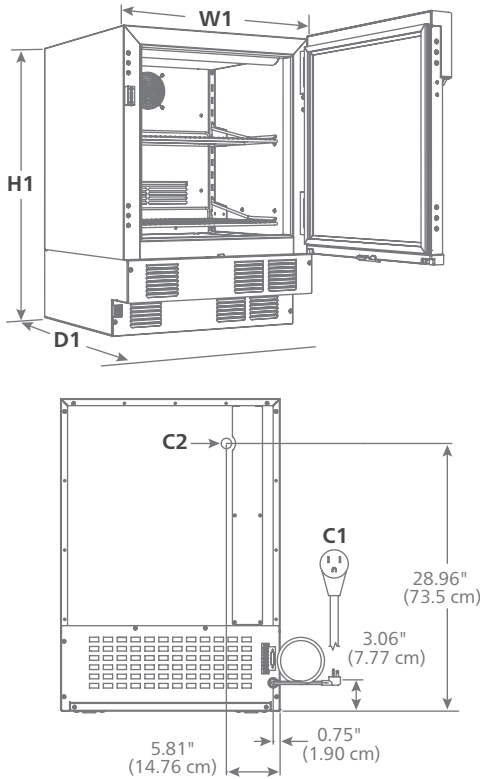
Shipping

Approximate net weight	170 lb (77 kg)
Approximate ship weight	205 lb (93 kg)

NOTE: For indoor use only

SHORT FORM SPECIFICATION: Performance Plus undercounter freezer fits under 36.00" (91.4 cm) standard height counter with 4.5 cu ft (127 L) of nominal capacity. Includes (2) epoxy-coated wire shelves, adjustable in 1.50" (3.81 cm) increments. Environmentally responsible R404a forced-air cooled refrigeration system. Top-mounted controls display product or air temperature in user-selectable C or F. Integral high and low temperature alarming. Storage area insulated with CARB compliant non-HFC foam. 7' (2.1 m) power cord with NEMA 5-15P 90° hospital-grade plug. UL and CUL listed.

Dimensional drawing



<sup>1</sup> Nominal heat rejection means heat rejection from a freezer in a 75 F (24 C) ambient with proper ventilation, an empty cabinet, default settings, default defrost schedules/durations, and nominal supply 115-120 VAC.

Agion is a registered trademark of Sciessent LLC.

FOLLETT and FOLLETT HEALTHCARE are registered trademarks of Follett Products, LLC, registered in the US. Follett reserves the right to change specifications at any time without obligation. Certifications may vary depending on country of origin.

## medical-grade countertop refrigerator



LED controls with optional keypad



Optional front access condensate pan

Model configurations				
Controls	Keypad	Front access condensate pan	V/Hz/Ph	Item number
<b>LED</b>	No	No	115/60/1	<b>REF1</b>
	No	Yes	115/60/1	<b>REF1-PR</b>
	Yes	No	115/60/1	<b>REF1-KP</b>

### Options and accessories

- Replacement NTC probe with NIST-traceable certificate of calibration (item# 01077841)
- Factory-installed keypad locking system (must be specified at time of order)
- Factory-installed slide-out drawer with removable condensate pan (must be specified at time of order)
- Wall mount bracket (item# 00969949)
- Organizing bins, 6 (item# 00969931)
- Extra shelf (item# 00969956)
- Temperature surveillance module (includes alarm, 6.00" (15.24 cm) chart recorder, remote contacts) (item# 00168674)
- Glycerine, 16 oz (item# 00959296)
- Casters (set of 4) (item# 01111947)
- Pedestal, 2.00" (5.08 cm) (item# 01184845)
- Pedestal, fan-assist, 4.50" (11.43 cm) (item# 01025899)
- Pedestal, 12.00" (30.5 cm) (item# 01025881)
- NO/NC dry contacts for connection to remote alarm systems (item# 01092022)
- Stacking kit (countertop on countertop) (item# 01100742)
- Stacking kit (countertop on Performance Plus undercounter) (item# 01100759)
- Stacking kit (countertop on REF/FZR (Legacy) undercounter) (item# 01142363)

### Features

#### Superior temperature performance

- heavy-duty compressor and forced air cooling
- quiet compressor and coaxial fans
- non-CFC R134a refrigerant
- off-cycle defrost

#### Convenience and security

- exterior LED displays product temperature in user-selectable F or C
- "sleep mode" turns off display
- user-programmable, audible and visual high/low alarms
- lockable controller prevents inadvertent setpoint changes
- adjustable refrigeration set points are accessed through front controls
- high/low temperature log shows highest and lowest product temperature recorded
- cylinder door lock supports Joint Commission standards for medication storage
- back wall port provides entry for third-party probes
- flush door design is compatible with standard automated dispensing system brackets

#### Durability and serviceability

- stainless steel construction on exterior and interior
- rubberized feet
- epoxy-coated wire shelf
- heavy-duty edge-mount self-closing hinges
- field-reversible door
- removable back panel for easy service access to compressor, condenser and fans
- dart-type magnetic gasket
- dished floor for easy cleanup

#### Warranty

- 2 year parts and labor
- 5 year compressor parts only
- optional extended one year warranty (item# EW12)
  - 3 year parts and labor
  - 5 year compressor parts only
- optional extended three year warranty (item# EW36)
  - 5 year parts and labor

#### Certifications



Commercial Refrigerator  
SAFETY US/CA – SA12646



Specification

Nominal capacity	1 cu ft (28 L)
Ventilation clearance with more than 8.00" (20.32 cm) top clearance	2.00" (5.08 cm) for both sides
Ventilation clearance with less than 8.00" (20.32 cm) top clearance	6.00" (15.24 cm) for one side

Exterior

<b>W1</b> Width	18.60" (47.2 cm)
Depth at top	24.00" (61.0 cm)
<b>D1</b> Depth at bottom	20.00" (50.8 cm)
<b>H1</b> Height	17.93" (45.5 cm)
Door swing	standard with self-closing right hinge, field reversible

Interior

Width	14.50" (36.8 cm)
Depth	10.00" (25.4 cm)
Height	11.25" (28.6 cm)
Storage system	(1) 13.81" x 9.06", (35.08 cm x 23.01 cm) epoxy-coated wire shelf

Door configurations

Door	stainless steel
Door lock	cylinder door lock with 2 keys
Door hinges	edge-mount, self-closing
Gasket	magnetic, dart-style

Electrical

<b>C1</b> 115 V/60/1 electrical	1.8 full load amps, NEMA 5-15P 90° hospital-grade plug low profile, SJT, 18 AWG, 8' (2.4 m) cord
---------------------------------	---

Controls

Temperature display	standard 7 segment LED, default set in C, user-selectable F or C
Display sleep function	button turns off display, press again to turn back on
Factory preset	4.4 C
Probes	2 probes : P1 controls refrigeration system; P2 provides product temperature
Product simulation bottle	(1) 60 ml
Programmable operating range	2.2 to 10 C (36 to 50 F)

Alarming

High and low product temperature alarm	audible and visual, user programmable set points in F or C
Alarm	user-programmable high/low; audible and visual alert; audible alarm mute
Alarm delay	user-programmable 0 to 255 min

System performance

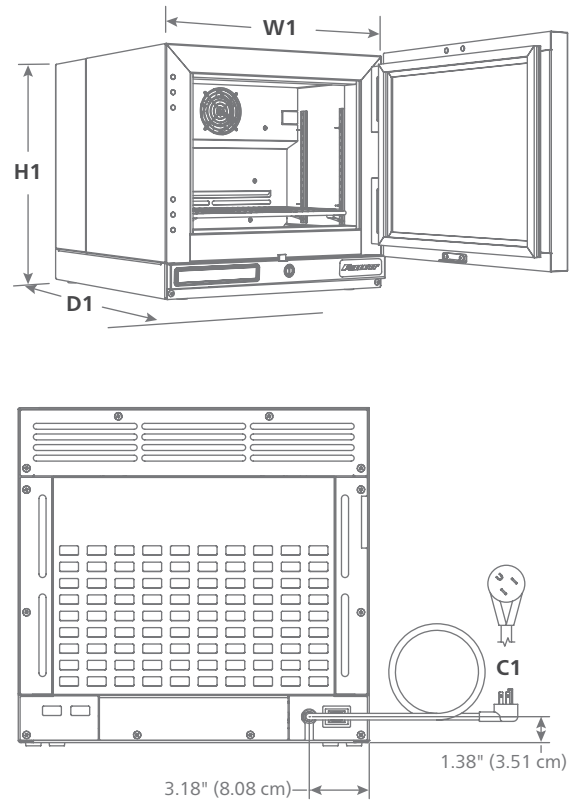
Refrigerant and charge	R134a refrigerant, 3.4 oz charge
Automatic defrost	off-cycle defrost
Energy consumption	1.1 kWh/day
Max heat rejection	190 BTU/hr

Shipping

Approximate net weight	60 lb (27 kg)
Approximate ship weight	109 lb (50 kg)
NOTE: For indoor use only	

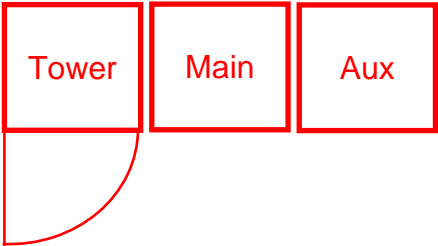
SHORT FORM SPECIFICATION: Refrigerator with solid stainless steel door fits on standard 24.00" (61.0 cm) deep countertop and under standard 18.00" (45.7 cm) wall-hung cabinets with 1.0 cubic feet (28 L) of nominal capacity. Includes (1) epoxy-coated wire shelf, adjustable in 1/2" increments. Environmentally responsible R134a forced-air cooled refrigeration system. Bottom-mounted controls display product temperature in user-selectable C or F. Integral high and low temperature alarming. Storage area insulated with CARB compliant non-HFC foam. 8' (2.4 m) power cord with NEMA 5-15P 90° hospital-grade plug. UL and CUL listed.

Dimensional drawing

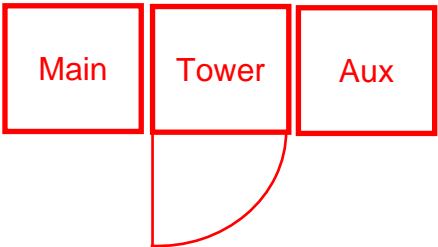


FOLLETT and FOLLETT HEALTHCARE are registered trademarks of Follett Products, LLC, registered in the US. Follett reserves the right to change specifications at any time without obligation. Certifications may vary depending on country of origin.

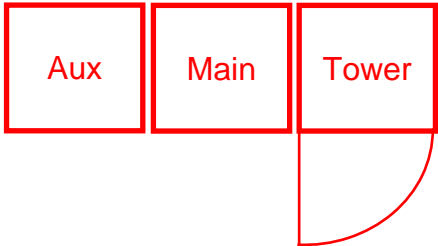
A. Correct configuration



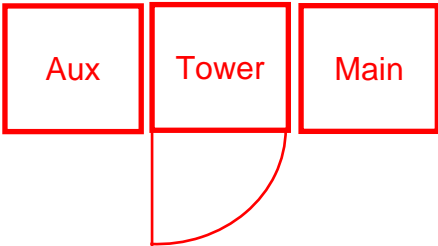
B. Incorrect configuration



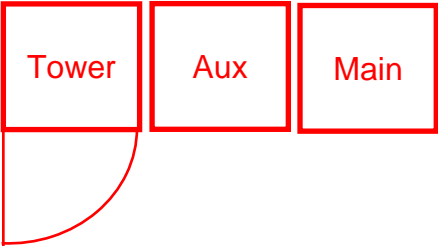
C. Incorrect configuration



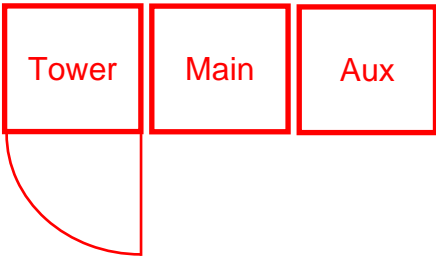
D. Incorrect configuration



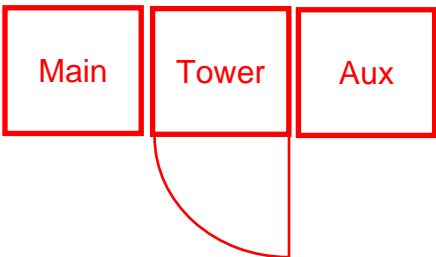
E. Incorrect configuration



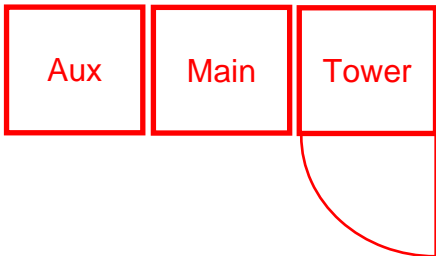
A. Incorrect configuration



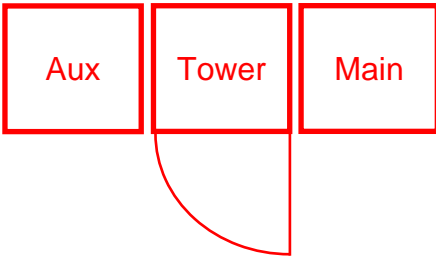
B. Correct configuration



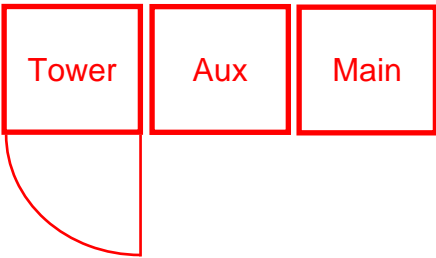
C. Correct configuration



D. Incorrect configuration



E. Incorrect configuration



E. Correct configuration

