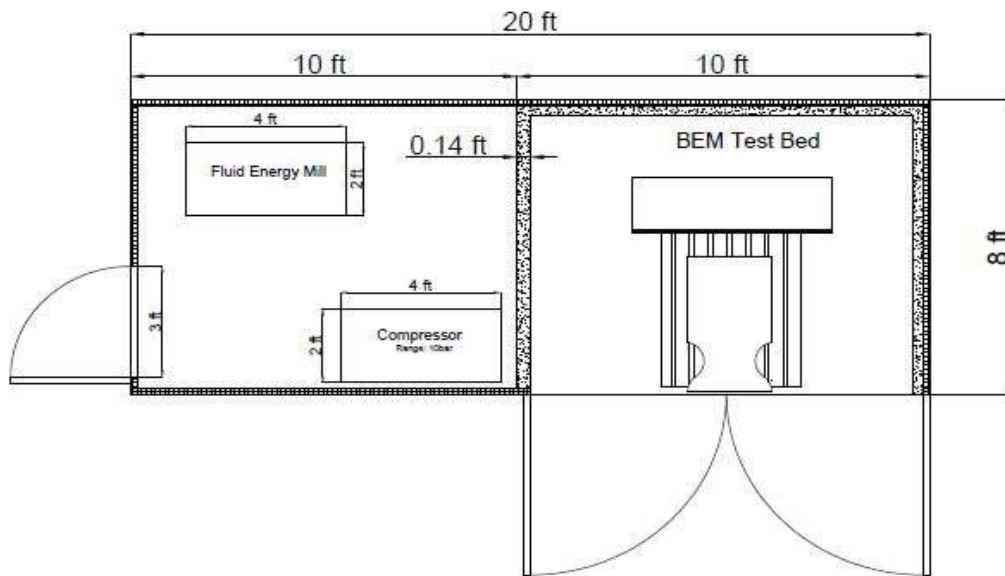


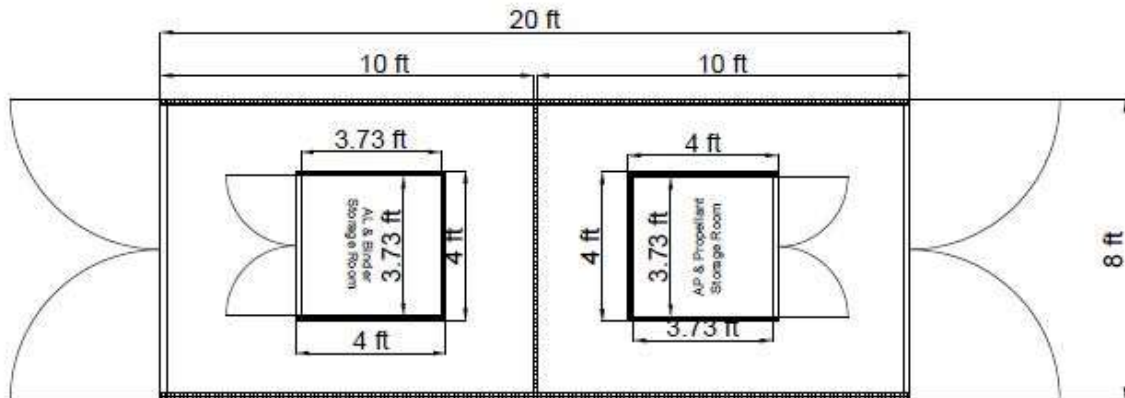
Limited Tender Specifications for supply of Containers

1. TESTING AREA CONTAINER (20' x 8') SPECIFICATIONS:-



- The Partition at the center using multiple vertical bars of diameter 1.5" welded at roof and bottom of the container. The bars should be welded to the container vertically with 1' equidistance between the vertical bars. These rows of vertical bars should be further reinforce with two numbers of corrugated panel MS sheets with 2 mm thickness on both sides of the bar.
- The two inner walls of right cabin should be reinforced with rows of 1.5" diameter vertical bars. The bars should be welded to the container vertically with 1' equidistance between the vertical bars. This should reinforce with 2 mm corrugated panel MS sheets on one side and container wall on other side. The right side of partition should be insulated using rock wool rolls and no other furnishing required.
- The left cabin should be insulated using glass wool sheets and furnished interior wall and ceiling are required with fire resistant 8 mm fiber cement flat sheets followed by wall putty and white primer over fiber cement sheets.
- The left cabin should be with electrical conduit and output provisions to be arranged nearby all specified equipment in the plan (for future installation purpose).
- The two numbers of 5' steel door of pad lock type (container safety steel door) required on right cabin and it should be in such a way that push to open type from inside of the right cabin. The container safety steel doors should be waterproof at its joining areas and should have provisions to lock on the container body in its open position.
- The left cabin should have a 7'x 3' safety steel door (pad lock type) followed by aluminum-glass inner door having the same size of 7'x 3'.
- The container safety steel doors are required for all opening (for security purpose). All container safety steel doors should have provisions to lock on the container body in its open position.
- The exhaust fan should be arranged inside the top of left cabin wall, above the compressor arrangement, with the air flow direction from inside the left cabin to the outer environment.
- Interior floor – anti-corrosion chequered plate flooring.
- Roof protection should be arranged above this 20' x 8' container for weather protection with roofing sheet and appropriate truss work.
- Electricals – Anchor DB, main switch, 8-way MCB (in the left cabin).
- Power input, weatherproof industrial type socket (in the left cabin).
- Only light arrangement should be allowed in right cabin. No fans are required in right cabin.
- FRLS Polycab 1.5 sqmm looping wire and 4 sqmm, 3 core mains cable.
- Ceiling mounted Anchor 14W LED light fixture in both the cabins.
- Anchor 13A switch socket in the appropriate location.
- Exterior paint – RAL standard paint (R

2. PARTITIONED EXTERIOR STORAGE CONTAINER (20' x 8') SPECIFICATIONS:-



- Mild steel partition with suitable reinforcement at the center of the container making two equal 10' x 8' cabins.
- Existing one end cargo door to be retained as it is for the mentioned container.
- A door is required at the other end - fabricated to make two 7'x3' open doors (padlock type).
- Both end doors to have strong locking provision.
- No furnishing and electrical work required inside the container.
- The two inner storage magazine is not required (illustration has done only for arrangement purpose).
- Exterior – RAL standard paint (Red)
- Interior painting – RAL standard paint (white).

Terms and Conditions:

1. Quotation must be for delivery to Indian Institute of Technology Madras, Thaiyur Campus (Kelambakkam - Vandalur Road).
2. A maximum of 30% advance only on basic amount (excluding taxes) is allowable. Balance payment will be made after delivery, submission of invoice and acceptance by IIT Madras of the material supplied.
3. Quotations should give breakup of cost in the following manner:
 - a. Bare Container cost
 - b. Partition cost
 - c. Flooring, Wall paneling , ceiling cost
 - d. Door and window cost
 - e. Sanitary ware cost
 - f. Cost of electrical equipment, sockets, switch with wiring.
 - g. Cost of other furnishings.
 - h. Cost of weather proof roofing with associated metal structure(Testing Area Container)
4.
 - a. IIT Madras reserves the right to purchase bare or furnished containers among the two containers for which tender bids have been invited.
 - b. IIT Madras reserves the right to purchase all or a selected number of containers among the two containers for which tender bids have been invited.
5. Bids must contain details of container supply made to at least 3 reputed govt/ private institutions.
6. IIT Madras will inspect and approve the bare containers before the furnishing of the containers is done by the vendor to whom purchase order is issued. Inspection and approval of IIT Madras will have to be obtained before the transport of the containers to our Thaiyur campus.
7. Two year warranty to be provided for total supply
8. Delivery to be made within 15 days of release of purchase order.