

CORRIGENUDM – 1

Tender Reference No: PH/ABHI/06/IOE23/CLEANROOM

Tender Name: Construction of class 10,000 and class 1000 Clean room

Corrigendum details: Addendum to Technical Specification and Extension of Bid Submission Date

Extension of Bid Submission Date

The due date for the submission of bids has been extended to 19/04/2023 @ 3 PM. The bid opening is 20/04/2022 @ 3 PM.

Addendum to Technical Specification

Corrigendum 1 for class 10,000 and class 1000 clean room (CR) in HSB 262 of the Physics department.

This corrigendum document should be read with main tender document.

Site information	
Floor	First floor
Area of class 10,000	329 Sq.Ft
Area of class 1000	144 Sq.Ft
Expected number of persons to work in CR	5 at a time
Temperature to be maintained	23+/-2°C
Rel. Humidity	50+/-3%
Ceiling height	8 feet
Air shower	For one person entry at a time.
Number of doors	1 door to enter in class 10,000 area from gowning area. 1 door to enter in class 1000 area from class 10,000 area
Tentative equipment load	We expect the equipment load of around ~ 3KW in class 1000 area and 12 KW in class 10,000 area. In addition to this equipment load, class 10,000 area also has a fume hood having exhaust air 400 CFM.
Special Note: Before submitting the bids, it is mandatory for the vendors to visit the site for detailed room drawing, service area inspection and for technical discussions.	

Existing	Read as	Complied/Not Complied	Ref.pg.No
Air Handling Unit should be double skin, 25mm PUF panels made of pre-coated sheets with aluminum sectional frames. It should have thermal break profile, 6-Row copper cooling coil of	<p>Point 2 should be read as: Air Handling Unit should be double skin, 43mm or higher PUF panels made of pre-coated sheets with aluminum sectional frames. It should have thermal break profile, 6-Row copper cooling coil of capacity 10TR, pre-filters, bypass damper, fresh air arrangement etc. to achieve Class 1000/10000 cleanliness. It should have a motor blower of capacity 5300cfm or higher.</p>		
It should have modular, EPS (TF grade) insulated Construction of class 10,000 and class 1000 Clean room Wall Panels (80mm thick) with both sides 0.55mm thick PPGI including cutouts in the panels for Grilles, Plug sockets, View Panels, other utilities etc, flashings to cover the exposed EPS material and provision for concealed wiring, Return Air Risers.	<p>Point 12 should be read as: It should have modular, PUF panel insulated Clean Room Wall Panels (80mm thick) with both sides 0.55mm thick PPGI including cutouts in the panels for Grilles, Plug sockets, View Panels, other utilities etc, flashings to cover the exposed EPS material and provision for concealed wiring, Return Air Risers.</p>		
Modular, EPS (TF grade) insulated Construction of class 10,000 and class 1000 Clean room Ceiling Panels (50mm thick) with both sides PPGI 0.55mm thick including cutouts in the panels for Diffusers, Lighting, Grilles, HEPA Plenum, other utilities etc. including flashings to cover the exposed EPS material	<p>Point 13 should be read as: Modular, sandwiched PUF panel insulated Clean Room Ceiling Panels (50mm thick) with both sides PPGI 0.55mm thick including cutouts in the panels for Diffusers, Lighting, Grilles, HEPA Plenum, other utilities etc. including flashings to cover the exposed EPS material</p>		
Vendor may visit the site before submitting their bids. Site Location : HSB Room No 262, Department of Physics.	<p>Point 27 should be read as: Before submitting the bids, it is mandatory for the vendors to visit the site for detailed room drawing, service area inspection and for technical discussions.</p>		
Addendum			
<p>New point in addition to original tender document at 28 Vendor should quote for : (a) Cross Over Bench SS 304 (b) Garments Cupboard with UV Lamb SS 304 (To accommodate the gowning dresses of at least 15 users or higher)</p>			
<p>Point 29: All the items included in the clean room construction should carry 3 years warranty.</p>			