

TECHNICAL COMPLIANCE FORM			
Ref: Tender No:			
TATA MEMORIAL CENTRE			
ADVANCED CENTRE FOR TREATMENT, RESEARCH & EDUCATION IN CANCER			
TECHNICAL SPECIFICATION OF :- " Six bodies Mortuary Freezer with Out Door Unit-1 No. "			
Intended Use: To keep Cadaver at 2 to 4degC			
Sr. No.	Name of the Vendor :		
A	Technical Specifications / Scope of supply	COMPLIANCE 1) Mention "Complied /Not Complied" 2) Highlight any deviations. 3) Mention part number/Catalogue number of the relevant item quoted.	Remarks (to provide details)
B	Name of the Manufacturer :		
C	Country of Origin:		
D	Model Name / Model No. of the Equipment (If the equipment is a combination of more than one equipment then list down the model no. pertaining to each):		
E	Year of Introduction Internationally		
F	Year of Introduction in India		
G	Please quote the latest state of the art model which meets the tender specifications. The offer should be complete in all respect for the intended use.		
H	Technical Specifications/Scope of supply		
I	"Six bodies Mortuary Freezer with Out Door Unit- ", complete as per below mentioned configuration and specifications:		
J	Features and specifications required:		
1	The Room size is 5.92 (L) X 4 (W) metre. Door size is 1.7 metre width. Corridor -2.1 metre width. The vendor should ensure that the mortuary cabinet should be installed in the mentioned room without any site modification.		
2	Capacity : 6 Body (1 Body on each Compartment)		
3	Insulation : 3" thick rigid cfc-free "PUF" or equivalent.		
4	Doors : 6 Doors with robust, durable hinges & magnetic gasket		
5	No. of legs : 12 Nos. Nylon adjustable Bullet Legs or equivalent.		
6	SHELVES		
7	Should be totally rust proof		
8	No. of shelves: 6 Nos. (6 Compartments) Minimum height of the shelf shall be 450 mm.		
9	Double walled – made of S.S. 304 Sheet.		
10	Additionally S.S. Angle stands should be placed under all the shelves to prevent the shelves from sagging/buckling due to load.		
11	Lower shelf shall have higher height than upper one, so as to accommodate heavy & fatty cadaver.		
12	Temperature range :2 degC to 8 deg C. or better; adjustable on Microprocessor Controller.		
13	Construction : Interior (22 SWG), Exterior (20 SWG) & Doors will be made out of S.S. 304 Sheet.		
14	All frame work should be S.S. Angle thus making the Cabinet.		
15	STRETCHER		

16	Cabinet shall have a stretcher tray made up of 304 grade non-magnetic S.S. material with handles to carry cadaver.		
17	The support frame of the stretcher tray shall be made up of 3 mm. thick S.S. 304 grade material with cross section of min.1 inch X 1 inch dimension.		
18	Drainage Tray: The freezer will have a Drainage Pipe opening into a Tray provided at bottom. This Tray will have a pipe for draining the water from the Tray to exterior drainage.		
19	<u>OUT DOOR REFRIGERATION SYSTEM</u>		
20	2 Nos. of refrigeration system should be available. (1 no. to act as 100% standby)		
21	Each Refrigeration System will consist of 1 No. ISO 9001 certified any renowned make –Hermetically sealed Compressors; complete with Fan & air cooled Condenser, Fan Motor, Drier, Capillary, Refrigeration Piping, Refrigerant etc. suitable for 230 Volts, 50 Hz., single phase power supply. Refrigeration system make must be mentioned in the technical bid.		
22	The compressor used shall be of suitable capacity and hermetically sealed type with suitable power rating. Power rating should be mentioned		
23	The refrigerant used in the cabinet shall be non-CFC and non-HCFC eco- friendly refrigerant.		
24	Adequate heat dissipation / heat sinking system to be provided in the unit.		
25	To safeguard the compressor, the compressor ON delay timer shall be provided with a delay timing of 02 minutes.		
26	Overload safety relay shall be provided with the unit.		
27	The condenser shall be of automatic condensate evaporating type.		
28	The air circulation inside the internal chamber shall be of forced air circulation type. Micro-processor based digital temperature indicator cum controller with audio-visual		
29	Alarm of high and low temperature (with an accuracy of +1%) shall be provided.		
30	If one Unit will get spoilt the other Unit should take over and maintain the temperature automatically.		
31	<u>ELECTRICAL CONTROL PANEL</u>		
32	Control Panel will consist of MCB, Timer, Indication Lamps, Timer to run each Unit at pre-set intervals automatically.		
33	Single control panel for combined for both refrigeration system		
34	Standard accessories (Which comes along with the machine, pricing of which is part of the equipment)		
35	Regulatory Approvals, If any. Details with copies of approvals.		
36	Safety requirements: It should follow International / national safety requirement. Please specify certification with certifying agency and country with copies of certificate.		
37	Please specify the certification, if any		
38	User's list: A list of installations with the address and contact numbers to be provided. (User list should be for the quoted model.)		

39	Input power supply requirements: 240 V AC \pm 10 %, 50 Hz, single phase. Specify if any other power supply requirement is recommended.		
40	After Sales Service Support.		
41	1. Complete technical informationshould be provided. 2. Company should provide technical support for hardware and spares 3. Company should provide required spares and consumables for at least 7 years even after discontinuation of the model. 4. Bidders who do not qualify this criteria shall not be considered. Bidder should provide address of the authorized service centre and details of number of personnel with training credentials.		
42	Preinstallation Requirements :- Provide details of preinstallation requirements, special ambient conditions, if any, space requirement, any other special needs.		
43	Installation, Commissioning, testing		
44	Unpacking and Shifting the consignment to the installation site is to be included in the scope of supply. Bidder/manufacturer/authorized service provider should take responsibility to lift/shift the consignment from unloading site to the installation site . Unloading site shall be "Stores Department, KS Building, ACTREC Campus". If needed, Bidder has to arrange for the labourers at no charge to ACTREC. (Before submitting the quotation, bidders may visit ACTREC to know unloading site and installation site)		
45	Installation,Commissioning and Training is included in the scope of supply. Bidder, Manufacturer and/or its authorized representative should undertake installation and commissioning of the equipment. The equipment cab ne assembled inside the room or it can be pre assembled item. Any civil modification works needed should be the vendors responsibility till its completion.		
46	Warranty and after sales support: Its the buyers right to choose AMC/ CMC after warranty as per their convenience.		
47	Warranty : 2 Years comprehensive-on site- factory warranty for the entire equipment system.		
48	AMC: AMC is freezed at 1.5% per annum on ex works cost (exclusive of applicable GST) for 8 years after warranty. It will included 4 preventive maintenance/ year and all breakdown visits.		
49	CMC: CMC is freezed at 5% per annum on ex works cost (exclusive of applicable GST) for 8 years after warranty. It will included 4 preventive maintenance/ year and all breakdown visits. CMC will cover the entire system including the equipment, third party supplies and all bought out items used in the system like cabinet and outer refrigeration system include compressors .		
50	Uptime guarantee during warranty period and CMC at minimum of 95%		
51	Important terms to be noted by the bidders:		
52	<u>Read the above scope of supply carefully and quote accordingly.</u> <u>Incomplete and /or partially complete offers are liable to be rejected.</u>	Agree/Not Agree	
53	Manufacturer/bidder should clearly indicate typical life span / Life expectancy of the quoted equipment.	-- years	
54	Mention typical site requirements for the installation.	--	
55	Item/Equipment quoted should not be a second hand/refurbished/on verge of obsolescence/outdated model. Similarly, after award of contract, the item supplied should be a newly manufactured item and not the old item already manufactured and stocked for more than 1 month.	Agree/Not Agree	

56	After opening of the Technical bid (Part-1), Physical demonstration of the quoted model may have to be shown / arranged by the bidder, if requested by the Institute. Physical demonstration may be shown at one of the end user's site/Principle company's application lab/manufacturing site located in Mumbai/Navi Mumbai/Thane cities. If there are no installations of the quoted model in Mumbai/Navi Mumbai/Thane cities, then the quoted model may have to be brought in at ACTREC for demo purpose within 10 days from the date of request . Physical Demonstration may be requested to confirm the availability of any or all technical features as mentioned/stated in the technical bid. Physical Demonstration will also be a part of technical evaluation process. If the bidder does not comply, such bids are liable to be disqualified. (Demonstration of quoted model is to be shown and not the demonstration of similar models with different technical specifications and features)	Agree/Not Agree	
57	Past experience of the bidders in terms of quality of supplied equipments, after sales service and application support will be taken into consideration while technical evaluation.. Bidders who has unsatisfactory past experience in last 2-3 years, in terms of quality of supplied equipments, after sales service and application support, bids of such bidders may liable to be rejected.	Agree/Not Agree	
58	Complete and detailed information should be provided in respect to each point specified in the specifications. <u>Technical bids that are incomplete in any respect are liable to be rejected.</u> Provide relevant supportive information, publications, catalogue, etc. Bidders providing misleading or wrong information are liable to be rejected. All technical claims should be printed in the technical brochure of the equipment.	Agree/Not Agree	
59	If any contradictory statements /figures/information is observed in the compliance chart and in the technical bid, then the technical information mentioned in the product literature/brochure will be considered true and further evaluation will be done based on the information given in the product literature/brochure. Regarding the warranty and free AMC terms, information quoted in the technical bid will only be taken as valid terms.	Agree/Not Agree	
60	Compliance column may be filled with relevant data, figures, range etc. as applicable. Do not just mention "YES / NO / Complied ".	Agree/Not Agree	
61	Declaration by the bidder		
62	We have quoted for all the items meeting the description/scope of supply in the Financial bid as per prescribed format of the Tender documents and we agree that Partial/incomplete offers are liable for rejection.	Yes/No	