

TECHNICAL COMPLIANCE FORM			
Ref: Tender No:			
TATA MEMORIAL CENTRE			
ADVANCED CENTRE FOR TREATMENT, RESEARCH & EDUCATION IN CANCER			
TECHNICAL SPECIFICATION OF :- " Alternating Pressure Mattress System "			
Intended Use: Pressure relieving mattress for the prevention and management of pressure ulcers.			
Sr. No.	Name of the Vendor :		
A	Technical Specifications / Scope of supply	Quantity	COMPLIANCE 1) Mention "Complied /Not Complied" 2) Highlight any deviations. 3) Mention part number/Catalogue number of the relevant item quoted.
B	Name of the Manufacturer :		
C	Country of Origin of the finished products		
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) Can Quote more than one model.:		
E	Year of Introduction Internationally		
F	Year of Introduction in India		
G	Technical Specifications/Scope of supply		
H	" Alternating Pressure Mattress System" , complete as per below mentioned configuration and specifications:	Qty: 1 No.	
I	Features and specifications required:		
1	Pressure relieving mattress overlay system designed for the prevention and management of pressure ulcers, up to and including grade 3 or patient with medium - high risk of development of pressure injury due to limited mobility.		
2	It must provide active pressure relief by series of individual cells which gently inflates and deflates alternating over a 12 minutes cycle i.e. each cell will inflate for 5 minutes and 30 second, crossover for 30 second, deflate for 5 minutes and 30 second, crossover for 30 second.		
3	It must have an excellent pressure relieving index results in interface pressures below 15 mmHg for at least 50% of cell cycle relieving pressure regularly below true capillary closing pressure.		
4	It should safely lift patient up to 135 kg weight limit.		
5	It must have zipped ultra two way stretch, water resistant, vapour permeable, fire retardant soft durable polyurethane coated knitted fabric top cover with special fungistatic, antimicrobial bacteriostatic ingredient built into the fabric.		
6	Modular mattress construction with minimum 16 cells comprise of 13 dynamic body cells and 3 static head section cells.		
7	Cell material should be nylon coated polyurethane(PU)		
8	2 Modes of therapy – allows the clinician to choose between Alternating and Constant low pressure modes.		
9	A) Alternating mode: Redistributes pressure on the skin through alternating cell action, providing pressure relief		
10	B) Constant low pressure mode: Spreads & redistributes body weight over the entire surface of the mattress to provide effective pressure reduction		
11	Cell height should be 12.5cm or 5 inch when inflated.		
12	Transport facility – easy to use transport mechanism provides patient support. Cell pressures are automatically equalised, leaving a comfortable even surface		
13	CPR facility can be activated in a single handed release operation and deflate overlay in under 20 seconds.		
14	Overlay Size: Length: 200cm x Width: 88cm		
15	Mattress cover should be Fire Retardant & BS 7175: 0,1 & 5 certified		
16	Mattress cover should be washable under conditions MAX 95°C (203°F) for 15 mins and under drying conditions: Tumble Dry up to 130°C (266°F) or Air Dry		
17	Pump Specification:		
18	. It should have compact, slimline, unobtrusive with minimal noise and vibration.		
19	Variable pressure control settings – allows appropriate individual pressure settings to be set via simple control		
20	It must have sophisticated visual indicators for		
21	a. Power on Indicator		
22	b. Inflation wait Indicator		
23	It must have sophisticated audible and visual alarm indicators for		
24	a. Low pressure		
25	b. Power failure		
26	c. Pump technical fault		

27	d. disconnection.		
28	It must have integral battery backup for alarms		
29	Option to mute the alarm		
30	It must have integrated hanging hooks to fit most beds.		
31	It must have snap fit tube connectors to secure overlay connection & to prevent accidental		
32	It must have integrated air filter to filter dust particles thereby enhancing product durability.		
33	Dimensions: 28cm x 11.5cm x 20.5cm Approximately.		
34	Case material should be fire resistant ABS		
35	Air Filters: All service replaceable		
36	USFDA & CE approved.		
37	The system should be ISO certified.		
38	Standard accessories (Which comes along with the machine, pricing of which is part of the equipment)		
39	Air Filters:		
40	Essential accessories (List down essential accessories to carry out certain functions but comes at an extra cost. Prices to be quoted separately)		
41	Essential Spares: Please list down the spare parts which requires to changed during Preventive/ Break down maintenance:		
42	Essential consumables:		
43	Upgradability capability (List down possible upgrades for the quoted model)		
44	Safety requirements: It should follow International / national safety requirement. Please specify certification with certifying agency and country with copies of certificate.		
45	Electrical safety standards EN60601-1, IEC60601-1		
46	Degree of protection: TYPE BF, against electric shock Class II with functional earth		
47	Degree of protection of ingress of fluids, specify IPX standard		
48	User's list: A list of installations with the address and contact numbers to be provided. (User list should be for the quoted model.)		
49	Multiple Models: If more than one model is offered, then they are to be separately filled and submitted according to the given format.		
50	Input power supply requirements: 240 V AC \pm 10 %, 50 Hz, single phase. Specify if any other power supply requirement is recommended.		
51	After Sales Service Support.		
52	1. Complete operational manuals and technical information including circuit diagrams should be provided. 2. Company should provide technical support for hardware and software, spares and consumables. 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.		
53	Installation, Commissioning, testing and Training		
54	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.		Quoted/Not Quoted
55	Warranty and after sales support		
56	Warranty: 2 years comprehensive-on site- Factory warranty- for entire equipment.		Quoted/Not Quoted
57	Free AMC -labour only for 5 years after completion of 2 years warranty.		
58	During free AMC -labour only period, manufacturer/authorized service provider should provide preventive services as well as attend the breakdown calls as and when requested by the end user/Institute on " no charge basis"		Agree/Not Agree
59	Quote optionally for the following items: (Price should be separately quoted in the financial bid)		Agree/Not Agree
60	List of spares and consumables recommended to be kept in stock		Agree/Not Agree
61	Important terms to be noted by the bidders:		
62	<u>Read the above scope of supply carefully and quote accordingly. Incomplete and /or partially complete offers are liable to be rejected.</u>		
63	Manufacturer/bidder should clearly indicate typical life span / Life expectancy of the quoted equipment.		
64	Quote separately for all models meeting the described technical specifications including the latest model.		
65	Bidders should clearly mention about compliance of the warranty and AMC -labour only terms in the technical bid. Bids not fully complying to the warranty and AMC -labour only terms are liable to be rejected.		

66	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.		
67	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.		
68	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.		
69	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-labour terms, information quoted in the technical bid will only be taken as valid terms.		
70	Compliance column may be filled with relevant data, figures, range etc. as applicable. Do not just mention "YES / NO / Complied".		
71	Declaration by the bidder		
72	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.		