

| TECHNICAL COMPLIANCE FORM | | | |
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| Ref: Tender No: | | | |
| TATA MEMORIAL CENTRE | | | |
| ADVANCED CENTRE FOR TREATMENT, RESEARCH & EDUCATION IN CANCER | | | |
| TECHNICAL SPECIFICATION OF :- " 4 Deg. Refrigerator with -20 deep freezer compartment-1 No. " | | | |
| Intended Use: For Hematopathology lab use reagent storage | | | |
| 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 | " 4 Deg. Refrigerator with -20 deep freezer compartment-1 No " , complete as per below mentioned configuration and specifications: | | |
| J | Features and specifications required: | | |
| 1 | Upright model with two parallel doors from top to bottom arrangement | | |
| 2 | Net chamber capacity: 600 ltr to 700 ltr | | |
| 3 | Temperature range Refrigerator : 1°C to 12°C | | |
| 4 | Temperature range Freezer : -14°C to -25°C | | |
| 5 | Temperature setpoint: adjustable | | |
| 6 | It should be mounted on 4 caster wheels. | | |
| 7 | Air flow system should be available for unique air distribution of temperature | | |
| 8 | Transparent toughened glass doors . Safety glass fronts which allows easy viewing of content and act as protection against loss of cold air. | | |
| 9 | Shelving: 4-5 shelves adjustable should be available. | | |
| 10 | Provision of dividers in racks/shelves | | |
| 11 | Outer door locking facility with sturdy and rugged door handle. | | |
| 12 | Microprocessor controlled system with user settable parameters. | | |
| 13 | Digital temperature, display and contriller with rechargeable battery backup and audio-visual alarm system. | | |
| 14 | Digital LCD/LED display of temperature with display resolution of 0.1 degree C | | |
| 15 | Forced Air cooled Refrigeration system with internal protection against voltage fluctuation | | |
| 16 | Refrigeration system should be top mounted | | |
| 17 | Environmentally friendly, CFC free refrigerent, LED interior lighting. | | |
| 18 | Temperature difference between the chambers should be +/- 1 degree C | | |
| 19 | Independent safety thermostat to avoid negative temperature. | | |
| 20 | Battery backup for temperature display to show internal temperature at the time of power failure. | | |
| 21 | Following Alarm should be available: | | |
| 22 | a) Audio-visual alarm for over temperature/under temperature. | | |
| 23 | b) Power failure alarm | | |
| 24 | c) Filter clog alarm(if required) | | |
| 25 | d) Door open alarm | | |
| 26 | e) user parameter settings : set point, high alarm point, low alarm point, buzzer off time | | |
| 27 | Physical demonstration required | | |
| 28 | IQ, OQ, PQ and initial calibration is included in the scope of supply. | | |
| 29 | Overall external dimension should be approximately : 84 X 76 X 186 cm (W X L X H) | | |
| 30 | Overall height should not exceed 2000MM . (The vendor should ensure that ,the itemshould be easily trasportable through the elevator,Corridor,door etc) | | |
| 31 | Performance parameter required as below: (like accuracy, sensitivity, sample volume requirement, resolution or such performance parameters to be highlighted) | | |
| 32 | IQ, OQ, PQ should be provided. | | |
| 33 | Standard accessories (Which comes along with the machine, pricing of which is part of the equipment) | | |
| 34 | Upgradability capability (List down possible upgrades for the quoted model) | | |
| 35 | On-Line UPS/Voltage Stabilizer requirements | | |
| 36 | Periodic Calibration | | |
| 37 | Regulatory Approvals, if any. Details with copies of approvals. | | |
| 38 | Safety requirements:It should follow International / national safety requirement. Please specify certification with certifying agency and country with copies of certificate. | | |
| 39 | The Equipment/ System should comply to US FDA/ European CE/ BIS/ ICMED certification. Please attach copy of the certificate(s). | | |
| 40 | User's list: A list of installations with the address and contact numbers to be provided. (User list should be for the quoted model.) | | |

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| 41 | Input power supply requirements: 240 V AC \pm 10 %, 50 Hz, single phase. Specify if any other power supply requirement is recommended. | | |
| 42 | After Sales Service Support. | | |
| 43 | 1. Complete operational manuals 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. | | |
| 44 | Preinstallation Requirements :- Provide details of preinstallation requirements, special ambient conditions, if any, space requirement, any other special needs. | | |
| 45 | Installation, Commissioning, testing and Training | | |
| 46 | 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) | | |
| 47 | 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. | | |
| 48 | Warranty and after sales support | | |
| 49 | Warranty : 2 Years comprehensive-on site- factory warranty for the entire equipment system. All third party and bought out items, accessories, attachment, software etc. integrated with the system should also be covered by 2 years factory warranty from respective manufacturers. The vendor should perform 4 nos. of preventive maintenance services/ year, all breakdown visits and QA/QC as per prescribed protocol during the warranty period. | | |
| 50 | 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. | | |
| 51 | Uptime guarantee during warranty period and CMC at minimum of 95% | | |
| 52 | Important terms to be noted by the bidders: | | |
| 53 | <u>Read the above scope of supply carefully and quote accordingly. Incomplete and /or partially complete offers are liable to be rejected.</u> | Agree/Not Agree | |
| 54 | Manufacturer/bidder should clearly indicate typical life span / Life expectancy of the quoted equipment. | — years | |
| 55 | Mention typical site requirements for the installation. | — | |
| 56 | 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 | |
| 57 | 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 | |
| 58 | 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 | |
| 59 | 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 | |

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| 60 | 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 | |
| 61 | Compliance column may be filled with relevant data, figures, range etc. as applicable. Do not just mention "YES / NO / Complied ". | Agree/Not Agree | |
| 62 | Declaration by the bidder | | |
| 63 | 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 | |