

TECHNICAL COMPLIANCE FORM			
Ref: Tender No: ACTREC/PUR/2022-2023/TC/176			
TATA MEMORIAL CENTRE			
ADVANCED CENTRE FOR TREATMENT, RESEARCH & EDUCATION IN CANCER			
TECHNICAL SPECIFICATION OF :- - " pH Meter- " Qty- 1 Nos.			
Intended Use: Benchtop pH Meter which can measure -2.00 to 16.00pH and fit			
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.	REMARK
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	" pH Meter" ,Complete as per below mentioned configuration and specifications:		
J	Features and specifications required:		
1	pH meter should be benchtop.		
2	It should have LCD display for pH , mV reading along with temperature.		
3	It should have memory to store up to 50 data points.		
4	It should have battery backup 2000hrs.		
A	pH		
1	Range: -2.00 to 16.00		
2	Resolution: 0.1,0.01		
3	Accuracy: ± 0.01		

4	pH calibration points up to 3		
B	mV		
1	Range: ± 1600.0 mV		
2	Resolution: 0.1 mV		
3	Accuracy: ± 0.2 mV or ± 0.05 %		
4	mV calibration should be possible.		
C	Temperature		
1	Range: -5 to 105°C ,23 to 221 °F		
2	Resolution: 0.1 °C , 0.1°F		
3	Temperature compensation should be automatic or manual.		
4	Connectivity : USB/bluetooth/wifi		
D	Required Accessories		
1	Power adaptor should be provided		
2	Electrode arm ,holder and benchtop meter attachable base plate.		
3	pH Electrode with connector & cable, temperature probe		
4	Temperature probe with cable		
5	pH 4.01 buffer solution sachet (5no.)		
6	pH 7.00 buffer solution sachet (5no.)		
7	pH 10.01 buffer solution sachet (5no.)		
8	Electrode cleaning solution sachet (5no.)		
E	General Condition		
1	Performance parameter required as below: (like accuracy, sensitivity, sample volume requirement, resolution or such performance parameters to be highlighted)		
2	Standard accessories (Which comes along with the machine, pricing of which is part of the equipment)		
3	Upgradability capability (List down possible upgrades for the quoted model)		
4	On-Line UPS/Voltage Stabilizer requirements		
5	Periodic Calibration		
6	Safety requirements: It should follow International / national safety requirement. Please specify certification with certifying agency and country with copies of certificate.		
7	The Equipment/ System should comply to US FDA/ European CE/ BIS/ ICMED certification. Please attach copy of the certificate(s).		
8	User's list: A list of installations with the address and contact numbers to be provided. (User list should be for the quoted model.)		

9	Input power supply requirements: 240 V AC \pm 10 %, 50 Hz, single phase. Specify if any other power supply requirement is recommended.		
10	After Sales Service Support.		
11	1. Complete operational manuals should be provided. 2. Company should provide technical support for hardware and software, spares and consumables.		
12	Installation, Commissioning, testing and Training		
13	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.		
14	Warranty and after sales support		
15	Warranty : 2 Years comprehensive-on site- factory warranty for the entire equipment system. All third party and bought out items, including the PH electrode and temperature probe should be included in warranty. IQ,OQ,PQ should be provided at the time of installation.		
16	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.		
17	During Warranty and AMC/CMC: 4 Nos of Preventive Maintenance Visits per year and unlimited breakdown visits as and when required. Calibration/validation should be performed once in a year by the manufacturer/authorized service provider during warranty period and in AMC/CMC at no additional cost to ACTREC.		
18	Important terms to be noted by the bidders:		
19	<u>Read the above scope of supply carefully and quote accordingly. Incomplete and /or partially complete offers are liable to be rejected.</u>		
20	Manufacturer/bidder should clearly indicate typical life span / Life expectancy of the quoted equipment.		
21	Mention typical site requirements for the installation.		

22	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.		
23	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)		
24	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.		

25	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.		
26	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.		
27	Compliance column may be filled with relevant data, figures, range etc. as applicable. Do not just mention "YES / NO / Complied ".		
28	Declaration by the bidder		
29	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.		