

	Tata Memorial Centre		
	Advanced Centre for Treatment, Research and Education in Cancer		
	<b>Technical Specifications Of: Variable Volume Pipette- Single Channel</b>		
Sr No	Scope of supply	Quantity	<b>COMPLIANCE</b> <sup>1)</sup> Compliance column may be filled with relevant data, figures, range etc. as applicable. Do not just mention "YES / NO / Complied". <b>2) Highlight any deviations.</b> <b>3) Mention part number/Catalogue number of the relevant item quoted.</b>
A)	Name of the Vendor :		
B)	Name of the Manufacturer :		
C)	Name of the Model:		
D)	Year of Introduction Internationally		
E)	Year of Introduction in India		
	<b>Technical Specifications / Scope of Supply</b>		
1	Single Channel Variable Volume Pipettes , complete as per below mentioned configuration and specifications:	Total 8 Nos ( as per qty. mentioned in the scope)	
2	Pipette should be ultralight weight mechanical pipette. Air cushion type.		
3	Four-digit display with display window facing the user . Volume setting from the top portion of the pipette.		
4	It should have provision for the user to adjust the pipette for better accuracy to use difficult liquids or high-density liquids. Also, it should be adjusted back to factory setting without the need calibration.		
5	Quick connection clip to remove the lower part easily		
6	Pipette Piston should be highly resistant to heat, acids and alkalis, mildew, bleaches, aging, sunlight and abrasion		
7	Piston should be made with PEEK material.		
8	Very low tip ejection force – 3.6N or less ( <u>Attach relevant confirmatory document in the technical bid</u> )		
9	Tip cone should have Spring to reduce stress for up to 1 ml pipette		
10	Volume adjustment with few turnarounds from maximum to min volume.		
11	Viable calibration seal to indicate factory calibration not changed		
12	Without removing any parts, full pipette should be able to withstand Autoclave sterilization cycle at 121°C for 20 min		
13	No discoloration upon UV irradiation		
14	<b>Pipette should be supplied as per below volume range:</b>		
15	<b>0.1 to 2.5 ul- 2 nos.</b> 0.002 microliter increment. +/-12% random error or less at 0.1 microliter volume		
16	<b>2 to 20 ul- 2 nos.</b> 0.02 microliter increment. +/- 1.5 % random error or less at 2.0 microliter volume		
17	<b>20 to 200 ul- 2 nos.</b> 0.2 microliter increment. +/- 0.7 % random error or less at 20.0 microliter volume		
18	<b>100 to 1000 ul- 2 nos.</b> 1.0 microliter increment. +/- 0.6 % random error or less at 100.0 microliter volume		
19	NOTE: Attach confirmatory documents with the technical bid for error values.		
20	<b>Service support:</b> Authorized service and calibration support should be available in Mumbai / Navi Mumbai area.		Yes/No.
21	<b>Warranty:</b> 2 years comprehensive-on site- Factory warranty		Agree/Not Agree
22	<b>Important terms to be noted by the bidders:</b>		
23	<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

24	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
25	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 ACTREC 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
26	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
27	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
28	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
29	Compliance column may be filled with relevant data, figures, range etc. as applicable. Do not just mention "YES / NO / Complied ".		Agree/Not Agree
30	Provide list of current installations( in the last 2-3 years) of the quoted model in India. Contact details of the end users should be provided. Provide name of the end user, email ID, tel. no. etc.		Agree/Not Agree
31	<b>Declaration by the bidder</b>		
32	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