



DEPARTMENT OF BIOTECHNOLOGY
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MUKESH DOBLE
Professor and Head

Date: 30.10.2013

Ref: BT/SMAH/2013/46/SPL

Dt. 30.10.13

Due Dt.14.11.13

1. Quotations are invited in duplicate for the various items shown below/overleaf/ enclosed list.
2. The quotations duly sealed and super scribed on the envelope with the reference No. and due date, should be addressed to the undersigned so as to reach him on or before the due date stipulated above.
3. The quotations should be valid for sixty days from the due date and the period of delivery required should also be clearly indicated.
4. If the item is under DGS & D Rate Contract, Rate Contract Number and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the rate contract price. If so, please send copy of the R.C. (Please note that we are not Direct Demanding Officers).
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples if called for should be submitted free of charges and collected back at the supplier's expenses.
6. **Local Firms:** Quotations should be for free delivery to this Institute. If quotations are for Ex-Godown, delivery charges should be indicated separately.
7. **Firms outside Chennai:** Quotations should be for F.O.R Chennai. If F.O.R. Consigner stationer freight charges by passenger train/lorry transport must be indicated. If Ex-Godown, Packing, forwarding and freight charges must be indicated.
8. The rates of Sales/General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for Sales/General Taxes will be admitted at any stage and on any ground whatsoever. **The taxes leviable should take into consideration that we are entitled to have concessional sales tax applicable to non-government educational institutions run with no profit motive for which a Concession. Sales tax certificates will be issued at the time of final settlement of the bill.**
9. Goods should be supplied carriage paid and insured.
10. Goods shall not be supplied without an official supply order.
11. **Payment:** Every attempt will be made to make payment within 30 days from the date of receipt of bill/acceptance of goods, whichever is later.

SPECIFICATION FOR ADJUSTABLE SINGLE CHANNEL PIPETTES-----25 Nos

- Spring Loaded Tip Cone for connecting tips very tightly
 - Adjustment opening for adjusting pipettes to a specific liquid and volume.
 - Control Button with very low operating force, Color indication for pipette volume.
 - Tip ejector with very low operating force, positioned for perfect ergonomics.
 - Volume Display: 4 Digits with magnifier.
 - Perfect Piston System made out of Fortron.
 - Very easy removable lower part for cleaning pipette
 - Fully Autoclavable
 - No discoloration upon UV irradiation
 - Pipette should have IVD Conformity to use in diagnostics labs.
 - Manufacturer should have in-house NABL accredited calibration facility.
 - 3 Years Warranty
- Volume range 0.1 – 2.5 µl, 0.5 – 10 µl, 2– 20 µl, 10 – 100 µl, 20 – 200 µl, 100 – 1,000 µl.

SPECIFICATION FOR MULTI CHANNEL PIPETTES ----8 Nos

- Spring Loaded Tip Cone for connecting tips very tightly
 - Adjustment opening for adjusting pipettes to a specific liquid and volume.
 - Control Button with very low operating force, Color indication for pipette volume.
 - Tip ejector with very low operating force, positioned for perfect ergonomics.
 - Volume Display: 4 Digits with magnifier.
 - Perfect Piston System made out of Fortron.
 - Very easy removable lower part for cleaning pipette
 - Fully Autoclavable
 - No discoloration upon UV irradiation
 - Channel indicator to use pipette the same way round
 - Channel's can be removed for adjusting the distance between channels to use it different format
 - Pipette should have IVD Conformity to use in diagnostics labs.
 - Manufacturer should have in-house NABL accredited calibration facility.
 - 3 Year Warranty
- Volume range **0,5 – 10 µl, 10 – 100 µl, 30 – 300 µl**

TENDER SPECIFICATION OF MULTIPETTE PLUS – 5 Nos

- Positive displacement principle for contamination free dispensing.
- Easy to read: Combitip recognition with volume display.
- Volume setting in no time.
- More flexibility with 112 different volume from 1 μ l to 10 μ l.
- Upto 100 dispensings per filling for easy processing of long series.
- Contact free combitips attachment and ejection.
- Versatile, even for nonstandard volumes.
- Combitips plus – Ideal system components for all Multipette Pipettes.
- 20 different dispensing volumes per Combitip size.
- 9 different sizes, 0.1 ml – 50ml.
- Hand held model with user friendly features with more flexibility.
- Should have the capacity to handle from 1 μ l to 10ml.
- Should be supplied with specific tips for each volume category.
- Two Years Warranty.

Automated pipettes for Tissue culture application

--- 6Nos

- Suitable for pipettes of 0.1 ml to 100 ml.
- Aspirating cone and the pipette adapter allowed for repeated autoclavable.
- Pressure equalization system should be their to prevents aspirated vapors from entering the device and causing corrosion.
- Speed adjustment should be comfortable.
- Gravity drain option for easy dispensing of liquid without splashing.
- Three years warranty.
- Battery:
 1. Lithium-ion battery
 2. Operation possible during recharging

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