

भारत सरकार
क्षेत्रीय औषध परीक्षण प्रयोगशाला

केन्द्रीय औषध मानक नियन्त्रण संगठन
(स्वास्थ्य सेवाओं का महानिदेशालय)
स्वास्थ्य एवं परिवार कल्याण मंत्रालय

सैक्टर-39 सी, चण्डीगढ़-160036

फोन नं: 0172-2688239, फैक्स नं: 0172-2636316

No. 3-8 /2016-17/St/Equipments/229/17



सत्यमेव जयते

GOVERNMENT OF INDIA
REGIONAL DRUGS TESTING LABORATORY

CENTRAL DRUGS STANDARD CONTROL ORGANISATION
(Directorate General of Health services)

Ministry of Health & Family Welfare

SECTOR-39 C, CHANDIGARH – 160036

Tel. No: -0172-2688239, Fax- No: 0172-2636316

E-mail id: directorrdtlchd@yahoo.com

Dated: 02.02.2017

Tender notice

Subject:- Tender Rate Enquiry for supply and installation of Phase Contrast Microscope with Digital Imaging System, Binocular Stereozoom Microscope and Adjustable Pipettes in RDTL, Chandigarh.

Sealed Tender Rate Enquiries are invited from reputed, interested and manufacturing firm(s)/distributors of Microscope and/or Adjustable Pipettes who have been rendering/undertaking the specified work in the field of Scientific test equipment as per the specifications shown in Annexures IV,V and VI below:-

Item No.	Item Name	Specification	Qty
1.	Phase Contrast Microscope with Digital Imaging System	Annexure V	1
2.	Binocular Stereozoom Microscope	Annexure IV	1
3.	Adjustable Pipettes	Annexure VI	2 each for capacity noted in the annexure VI

2. The tenders should be submitted in two sealed covers:-

(a) The first sealed cover superscribed as '**Technical Bid**' should contain the following items:-

- The Performa at **Annexure –II**, duly filled in, along with relevant documents/information.
- Acceptance of terms and conditions as at **Annexure – I**

(b) The second sealed envelope superscribed '**Financial Bid**' as at Annexure-III should contain only rates for supply and installation of Microscope and/or Adjustable Pipettes.

(c) Both the sealed covers should be placed in the main sealed envelope super scribed 'Tender for supply and installation of Microscope and/or Adjustable Pipettes'. Tender should be addressed to Director Regional Drugs Testing Laboratory, Sector 39-C, Chandigarh and should reach this office by 3.00. P.M. on 14.02.2017. Tender will be opened at 4.00 P.M. on the same day.

3. Quotation received after stipulated time & date will not be considered.

4. The competent authority in the RDTL reserves the right to amend any of the term and conditions in the tender document or reject any or all application (offers) without giving any notice or assigning any reason thereof. The decision of competent authority in this regard will be final and binding.

5. All the tenderers are requested to read and understand the terms and conditions of the contract as detailed in the Annexure – I before sending their quotations, as no change or violation of the aforesaid terms and conditions are permissible once the quotation is accepted by RDTL.


Dr. R.A.Singh
Director

Terms and Conditions

1. Necessary technical literature and catalogue should be forwarded along with Tender document. Any other equipment which is required and may be essential to run complete System but not mentioned in the tender document should be incorporated and quoted as a part of the system. The offer given in the Tender will be deemed to include all equipment required to effectively run the system.
2. Rates quoted for the **Phase Contrast Microscope with Digital Imaging System, Binocular Stereozoom Microscope and Adjustable Pipettes** should be inclusive of supply/ installation/freight etc. and no extra payment will be made for supply and installation of above items. Further, the number of the system may increase or decrease as per requirement of the competent authority.
3. Only manufacturing firms/authorized distributors are eligible to participate. While Submitting the Tenders, the tendering firm shall have to furnish the proof of PAN No., Service Tax No., Sales Tax No., etc. as per Annexure-II
4. The tender received after due date and time or incomplete in any respect shall be summarily rejected. However, in case of the successful tenderer, have to deposits necessary Performance Security.
5. No Advance payment would be made. Payment will be made only after installation, testing and commissioning of the systems and its successful running and satisfactory installation report to the competent authority.
6. **The shortlist firm will have to provide the warranty for at least 1 years.**
7. The supply and installation of the **Phase Contrast Microscope with Digital Imaging System, Binocular Stereozoom Microscope and Adjustable Pipettes** would be made within a week from the date of receipt of the supply.
8. The firm which qualifies in the Tender Process would be required to furnish a Performance Security to the tune of 10% of cost of apparatus which should be valid for 14 months from the date of supply of the offer. The Performance Security will be retained in RDTL which will be returned to the concerned after expiry of the warranty period.
9. Over-writing on the quotations must be avoided. Otherwise the quotations are likely to be rejected. The RDTL reserves the right to accept or reject any tender, in whole or in part thereof without assigning/ specifying any reason (s) thereof and the decision of the competent authority in the RDTL shall be final and binding on the contractor firm.
10. All the participating firms may ensure that the **Phase Contrast Microscope with Digital Imaging System, Binocular Stereozoom Microscope and Adjustable Pipettes** is of only Genuine quality and if at any stage it is found that the item supplied is of sub-standard quality/inferior quality, the Performance Security will be forfeited and if the cost of the item is not covered from the Performance Security the same will be recovered from the supplier.
11. Tenders received after the stipulated time and date will not be accepted/considered.
12. Any dispute arising in the matter shall be resolved through an arbitrator to be nominated by the competent authority in RDTL.
13. The contract shall be subject to Indian Laws and jurisdiction of the court located in Chandigarh.
14. The system quoted should be latest model and spares/ services should be available for next 10 years.

PROFORMA (Technical bid)

S.No.	Particulars	To be filled by the Tenderer
1.	Name of the agency	
2.	Whether brief profile of the agency is enclosed	
3.	Detailed Office Address of the agency with office telephone No. e-mail address, Fax No., Mobile No. and name/designation of the contract person.	
4.	Whether registered with all concerned Govt. authorities (Register of companies, Commissioner Employees etc.)(Copies of all certificates of Registration should be attached)	
5.	PAN Number (copies to be enclosed)	
6.	TIN Number Registration No. (Copy to be enclosed)	
7.	Service Tax Registration No. (copy to be enclosed)	
10.	Whether copies of income Tax return for last 2 years attached	
11.	Whether a copy of terms and conditions- Annexure-I duly signed as token of acceptance of the' same is attached	
12.	Whether the firm is blacklisted by any Government Department or any criminal case is registered against the firm or its owner/partners anywhere in India (if no, an undertaking to this effect is attached in this regard.)	

(Signature of the authorized person)

Date:

Place:

Name:

Designation:

Seal:

Annexure-III

FINANCIAL BID FOR SUPPLY AND INSTALLATION OF *Phase Contrast Microscope with Digital Imaging System/Binocular Stereozoom Microscope/Adjustable Pipettes* IN RDTL, Sector 39-C, Chandigarh.

With reference to RDTL letter No.....dated.....Regarding tender for supply and installation of Analytical Balance, I/we quote the rate, inclusive of supply/installation/freight etc. As under:-

S.No	Item Name/Qty	Specifications	Cost of Apparatus
1.	Phase Contrast Microscope with Digital Imaging System	Annexure IV	
2.	Binocular Stereozoom Microscope	Annexure V	
3.	Adjustable Pipettes	Annexure VI	
4.	Taxes, if any		
5.	Grand Total		

IMPORTANT:

In case of discrepancy between the unit price and total price, the unit price shall prevail for computation.

Date:

Place:

(Signature of the authorized person)

Name:

Designation:

Seal:

Annexure IV

Item No. 1 - Phase Contrast Microscope with Digital Imaging System

Technical Specifications

Optical system	:	Infinity Optical System.
Illuminator	:	Halogen Bulb 6V-30W or LED bulb.
Frame	:	Rigid with ergonomic design. Built-in torque/tension adjustment on coarse focusing knob.
Nosepiece	:	Quintuple revolving nosepiece with click stops mechanism.
Stage	:	Mechanical Stage with 135 x 120 mm low position, right handed, double plated or better. Movement range 75 x 50 mm or better.
Condenser	:	Bright Field Abbe Condenser N.A. 0.9-1.25 or better.
Objectives	:	Completely DIN SEMI Plan Objectives or better 4X N.A. 0.10 & WD 18.5mm or better 10X Phase N.A. 0.25 & WD 10.6mm or better 20X Phase N.A. 0.40 & WD 1.2mm or better 40X Phase N.A. 0.65 & WD 0.6mm or better 100X Phase N.A. 1.25 & WD 0.15mm or better
Observation Tube:		Trinocular observation tube inclined at 30° with field no. 20mm or more, Interpupillary distance 48-75 mm.
Eyepiece	:	Wide Field Eyepiece WF 10x (Paired).
Spares	:	Halogen Bulbs – 02 Nos.
Camera	:	USB based single chip high resolution dedicated color CMOS camera with 5 megapixel or more resolution. Live HD mode having the following specifications;
Dynamic Range	:	1920 x 1080 or better
Static Resolution	:	2592 x 1944 or better
Frame Rate	:	1920 x 1080 15 fps via 2.0 HDMI or better
Image Capture	:	On Board High Speed SD Card (4GB)

Video Capture : 1080p 15 fps @SD Card /PC or better
Exposure Time : 0.001 Sec -10 Sec. or better
Setting : Gain, Gamma, Saturation, Contrast.
Built in Software : I Cloud (For Connection via HDMI)
PC Software : Capture (for Connection via USB)
Output : USB 2.0 HDMI & Micro SD Card.

Image Analysis Software : Compatible software should have features like linear measurements, time lapse, image processing, snap/movie acquisition, line profile, gallery view, annotations, data exports and statistics, multi-dimensional image processing or more.

Computer : Branded compatible P.C. with i5 processor, 4GB RAM, 500 GB HDD, DVD writer, keyboard, mouse, 21" TFT Screen, Window 7 Professional. Suitable online UPS with 1 hour backup and surge protector should be supplied with the system.

Documents and Trainings:

Operating manual, IQ, OQ and PQ documents.

Onsite calibration with traceable reference material to be done by the supplier on installation and there after every six months during warranty period.

Onsite successful training at the time of installation.

Other conditions:

Warranty: 1 year from the date of successful installation.

The system quoted should be of latest model and the spares and services should be available for next 10 years.

All the consumables parts should be covered during warranty period.

Item No. 2 - Binocular Stereozoom Microscope

Technical Specifications

- Binocular tube with an inclination of 45° or better for greater ease of observation.
- Magnification 7 x to 45 x or better.
- Microscope Zooming ratio 6.4 : 1 or better
- Rack-Pinion focussing stroke 50 mm or better.
- Wide field eyepiece 10x (Paired).
- Objective 0.7x to 4.5x or better
- Crisp, erect images with high resolution & excellent stereoscopic effect.
- Working distance 100 mm or better.
- Field of view 28.6 - 4.4 mm or better.
- Interpupillary distance from 54 to 75 mm or better.
- Dioptic adjustment with a range of ± 5 dioptries or better.
- Binocular body should be rotated a full 360° and locked in any position desired.
- Once brought in focus, image should remain clear and sharp throughout the whole zoom range.
- Dual Illumination system having incident light & transmitted illuminators, for individual use or both at a time transmitted light controlled through solid state built-in transformer 6Volts 20Watts for halogen Bulbs or better.

Documents and Trainings:

- a. Operating manual, IQ, OQ and PQ documents.
- b. Onsite calibration with traceable reference material to be done by the supplier on installation and there after every six months during warranty period.
- c. Onsite successful training at the time of installation.

• **Other conditions:**

- i. Imaging system mentioned in Annexure IV should be compatible with this microscope.
- ii. Warranty: 1 year from the date of successful installation.
- iii. The system quoted should be of latest model and the spares and services should be available for next 10 years.
- iv. All the consumables parts should be covered during warranty period.

Item No. 3 - Adjustable Pipettes

Technical Specifications

The pipettes should contain the following features:

1. Fully Autoclavable,
2. Improved ergonomics,
3. Tight fit to the tip,
4. Effortless volume adjustment,
5. Very low operating force requirement for the Control Button,
6. Very low operating force requirement for ejector and should be positioned for perfect ergonomics.
7. 4 digits volume display with secure volume lock to prevent unintended volume shift during operation.
8. The increment, precision and accuracy at different volumes for different pipettes should be according to the following table.

Contd.

Annexure VI

Sl. No.	Capacity (μ l)	Increment (μ l)	Volume (μ l)	Accuracy		Precision	
				μ l	%	μ l	%
1.	0.5 or 1 to 10	0.02 or less	1	± 0.035 or less	± 3.50 or less	± 0.02 or less	± 2.00 or less
			5	± 0.075	± 1.50	± 0.04 or less	± 0.80 or less
			10	± 0.100	± 1.00	± 0.06 or less	± 0.60 or less
2.	2 to 20	0.02 or less	2	± 0.1 or less	± 5.00 or less	± 0.05 or less	± 2.50 or less
			10	± 0.15 or less	± 1.50 or less	± 0.06 or less	± 0.60 or less
			20	± 0.20 or less	± 1.00 or less	± 0.08 or less	± 0.40 or less
3.	10 to 100	0.2 or less	10	± 0.30	± 3.00	± 0.10	± 1.00
			50	± 0.60 or less	± 1.20 or less	± 0.20 or less	± 0.40 or less
			100	± 0.80 or less	± 0.80 or less	± 0.20	± 0.20
4.	20 to 200	0.2 or less	20	± 0.50 or less	± 2.50 or less	± 0.14	± 0.70
			100	± 1.0	± 1.00	± 0.40 or less	± 0.40 or less
			200	± 1.2	± 0.60	± 0.40	± 0.20
5.	100 to 1000	1.0	100	± 3.0 or less	± 3.00 or less	± 0.60	± 0.60
			500	± 5.0 or less	± 1.00 or less	± 2.00 or less	± 0.30 or less
			1000	± 6.0	± 0.60	± 2.00	± 0.20
6.	1 to 10 ml	20 or less	1000	± 30.0 or less	± 3.00 or less	± 8.00 or less	± 0.80 or less
			5000	± 40.0	± 0.80	± 15.00 or less	± 0.30 or less
			10000	± 60.0 or less	± 0.60 or less	± 20.00 or less	± 0.20 or less

Documents and Trainings:

- Operating manual, IQ, OQ and PQ documents.
- Calibration to be done by the supplier with traceable reference material in every year for three years.

Warranty: Minimum 5 years from the date of purchase.