



# Paschim Banga Go-Sampad Bikash Sanstha

(An organization under the aegis of the Government of West Bengal)

LB-2, Sector-III, Salt Lake City, Kolkata – 700 098

Tele : (033) 2335 0715 FAX : (033) 2335 0712

E-mail : [ceopbgsbs2003@yahoo.co.in](mailto:ceopbgsbs2003@yahoo.co.in) / [sia-wb@nic.in](mailto:sia-wb@nic.in)

## INVITATION FOR QUOTATIONS FOR SUPPLY OF PHASE CONTRAST MICROSCOPE UNDER SHOPPING PROCEDURES

Quotation No2192/NDP-I/SSS-Sal/13

Dated Kolkata the 1<sup>st</sup> July, 2013

Sealed quotations are invited for the following **Advanced Upright Research Phase Contrast Microscope** under shopping procedures.

Sr. No.	Brief Description of the Items	Specifications	Qty.	Delivery Period	Place of Delivery	Installation Requirement if any
1	<b>Advanced upright research Phase Contrast Microscope with CCD camera with related software and PC , UPS &amp; Printer</b>	As per Annexure-A	1 SET	<b>One Month From the date of P.O.</b>	<b>Frozen Semen Bull Station, Salboni, Dist- Paschim Medinipur.</b>	<b>All ICT Support Equipments installation &amp; commissioning at the place of delivery.</b>

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of National Dairy Plan -I (National Dairy Support Project-NDSP). Paschim Banga Go Sampad Bikash Sanstha an End implementing agency of the project intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. **Bid Price**

a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.



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- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
  - c) Sales tax in connection with the sale shall be shown separately.
  - d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
  - e) Packing, Forwarding, Freight, Insurance and other incidental charges shall be shown separately.
  - f) The Prices shall be quoted in Indian Rupees only.
  - g) For ready reference, we are providing standard quotation format for quoting the price. Please quote your price in attached format only.
  - h) No price negotiation will be carried out with any bidder. Purchase order shall be issued on lowest responsive bidder.
  - i) The purchaser will provide the Custom Duty Exemption Certificate.
4. Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this Quotation.

## 5. Validity of Quotation

Quotation shall remain valid for a period not less than 30 days after the deadline date specified for submission.

## 6. Evaluation of Quotations

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) are properly signed ; and
- (b) conform to the terms and conditions, and specifications.

**Sales tax, Packing, Forwarding, Freight & Insurance charges in connection with sale of goods shall be taken into account in evaluation.**

## 7. Award of contract

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.



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- 7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- 7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order.
8. Payment shall be made within 30 days from the date of delivery of the goods.
9. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.
10. You are requested to provide your offer latest by **14.30.hours on 17<sup>th</sup> July, 2013 at the office of the Paschim Banga Go Sampad Bikash Sanmstha, LB-II, Sector-III, Salt Lake City, Kolkata- 700 098 and will be opened on 15.30 hrs. on the same day .**

Sd/-

Dr.S. Bose

**Chief Executive Officer**

Paschim Banga Go Sampad Bikash Sanstha

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## Annexure-A

### Specification for Advanced upright research Phase Contrast Microscope with CCD camera with related software and PC , UPS & Printer:

Item	Specifications
<b>Optical system</b>	CFI60 infinity optical system with built in "Fly Eye Lens" for uniform illumination Throughout the entire Field Of View. Built in Filters for Daylight, and diffuser.
<b>Illumination</b>	Built in power supply for Halogen Lamp 12V/100 Watt with an extra halogen lamp, having a green filter on the filter mount base or built in filter knob, light path selection knob, brightness adjustment knob.
<b>Focussing</b>	Via manual stage UP/Down movement (Up 3 mm/Down 26 mm) Coaxial Coarse and Fine Focusing, aparttute irish diaphragm ring and field irish diaphragm ring, transmitted or reflected light switch .
<b>Controls</b>	illumination On/off switch, Intensity control with preset function
<b>Eyepiece Tube</b>	Trinocular tube (100/0, 0/100), Eyepiece 10X/25mm with Diopter adjustment on both the Eyepieces
<b>Objectives</b>	High quality Objectives for Phase Contrast application. 10X with Phase contrast ring slit 20X with Phase contrast ring slit 40X with Phase contrast ring slit 100X(oil immersion) with Phase contrast ring slit(with one vial immersion oil)
<b>Nosepiece</b>	Sextuple universal revolving Nosepiece capable of holding six objectives .
<b>Stage</b>	Fully Scratch resistant Ceramic coated stage with cross travel 78mmX54mm and a slide holder.
<b>Condenser</b>	Six position Universal condenser for Bright field, Dark field, Phase Contrast , with condenser height adjustment knob and with all other adjustment knob.
<b>CAMERA</b>	Scientific CCD camera capable of handling Bright field, dark field and Phase contrast images with a universal video or photo adaptor. Adaptor for PC.
<b>ATTACHMENT</b>	with 2/3" high density CCD chip, approx. 5 million pixel Resolutions. binning modes: 2x2, 4x4, digital zoom, should have separate Modes for different microscopy techniques i.e. Bright field, Dark field & phase contrast images.
<b>PC with UPS</b>	PC with latest configuration (Business Class)with Core I5 Processor, 4GB RAM, 500GB HDD, DVD RW, 19" LED monitor, original OS (Windows-7) , 1KV offline UPS.
<b>Printer</b>	Colour Laser printer, Print quality(600 x 600 dpi), standard connectivity(fast Ethernet 10/100, high speed USB 2.0), Mediasizes supported(A4, A5,A6,B5,envelop), print speed 12 ppm black, 8 ppm colour(A4 paper). compatable operating system: Microsoft windows-8(32 bits/64 bit), Microsoft windows-7(32 bits/64 bit), windows vista(32 bits/64 bit), windows-xp(32 bits/64 bit),windows server 2000/2003/2008(32 bits/64 bit),MAC OS, LINUX, UNIX.
<b>Software for image analysis(advance)</b>	Documentation software, Measurement acquisition, AVI Live-stream (Video Recording) capture, Live Image Capture, Calibration, measurement, count, length, area, angle, circle and ellipse.
<b>Heating Plate</b>	Tokai Heat thermo plate centre normal (1.0mm) type.

General:

- Scope of work includes supply, installation of Phase Contrast Microscope & Software.
- Microscope, Camera, Software should be from same manufacturer for better compatibility.
- Bidder should provide detailed specification with make and model no. of the instrument.

