



# 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 INTEGRATED COMPUTER AIDED SPERM ANALYSER FOR BOVINE SEMEN UNDER SHOPPING PROCEDURES

Quotation No. 310/NDP-I/SSS-Harin/14

Dated Kolkata the 24<sup>th</sup> January, 2014

Sealed quotations are invited for the following **INTEGRATED COMPUTER AIDED SPERM ANALYSER FOR BOVINE SEMEN** under shopping procedures.

Sr. No.	Brief Description of the Items	Specifications	Qty.	Delivery Period	Place of Delivery	Installation Requirement if any
1	<b>INTEGRATED COMPUTER AIDED SPERM ANALYSER FOR BOVINE SEMEN</b>	As per Annexure-A	1No.	<b>One Month From the date of P.O.</b>	<b>Frozen Semen Bull Station, Haringhata Farm, Dist-Nadia.</b>	<b>Equipment installation , commissioning and training 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.
- 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 for each item.
- f) The Prices shall be quoted in Indian Rupees only.



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- g) For ready reference, we are providing standard quotation format for quoting the price. Please quote your price in attached format only. Bidder should use separate format of quotation for each item if he/she intends to quote more than one item.
- 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.
  - 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.



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10. You are requested to provide your offer latest by **14.30.hours on 10<sup>th</sup> February, 2014 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 .**

Dr.S. Bose

**Chief Executive Officer**

Paschim Banga Go Sampad Bikash Sanstha

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## Annexure-A

### INTEGRATED COMPUTER AIDED SPERM ANALYSER FOR BOVINE SEMEN:

Item	Specifications
<p><b>INTEGRATED COMPUTER AIDED SPERM ANALYSER FOR BOVINE SEMEN</b></p>	<p>Integrated Computer Aided Sperm Analyzer for Bovine semen analysis with standard Bovine software. The system should be able to perform analysis under phase contrast, bright field and multi wavelength fluorescence's for monitoring of the semen parameters in liquid and frozen semen. The Standard Bovine software should perform the following analysis.</p> <ul style="list-style-type: none"> <li>• <b>Counts:</b> Total, Motile, Progressive, % Motile, % Progressively motile, Rapid, medium, slow &amp; static cells</li> <li>• <b>Concentrations:</b> Total motile, progressive( million/ml), Rapid, medium, slow and static cells</li> <li>• <b>Doses Calculation:</b> Total/ progressives perm per dose, Dilution factors, Number of total / progressive doses</li> <li>• <b>Mean Values:</b> VAP, VCC, VSL, Elongation, ALH, BCF, LIN, STR, elongation (head shape) and Area ( head size)</li> <li>• <b>Distributions:</b> VAP, VCL, VSL, Elongation, ALH, BCF, LIN, STR</li> <li>• <b>Graphics:</b> Distribution bar charts, color coded tracks, plots.</li> </ul> <p>The assembly should be equipped with the computer, microscope &amp; other hardware's, and all should be inbuilt in a single unit</p> <p>The system should be with automatic heated stage (room temperature to 45 °C), specimen sperm analysis chamber for bovine semen (both disposable slides and Mackler's Chamber).</p> <p>System should be equipped with suitable objectives for motility and morphology analysis and also capable of digital image acquisition of 1-20 fields.</p> <p>System should be equipped with in-built digital camera to grab images at a speed of 60 Frames/ Sec.</p> <p>The software should have option for analyzing Morphology of an individual cell automatically at the same time of motility analysis.</p> <p>The system should have the ability/require software's to view and store detailed data for individual sperm tracks to be used for validation procedures.</p> <p>The system should have in-built Fluorescent option to hide any debris/foreign materials during analysis of Frozen Semen with Egg Yolk based extender.</p> <p>The system should be compatible to integrate existing Laboratory Management Software (SMILE) as well as SSMS(Semen Station Management System).</p>



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	<p>The system should have sperm viability assessment hardware and software to be provided for stained sperm with non-membrane permeable DNA stain and calculate viable sperm numbers under fluorescence.</p> <p>The system should allow storage and retrieval of exact fields analyzed.</p> <p>The sample stage should be automatic and computer controlled, provides precise control of temperature and should be able to use for manual or automatic field selection.</p> <p>The system should be supplied with suitable printer, UPS. The computer and Microscope with other hardware should be inbuilt in one control Box.</p> <p>The unit should also be supplied along with all accessories and spares suitable for One year and optional rates for consumables may also be quoted.</p> <p>The unit should be supplied complete in all respects.</p> <p>The Equipment must be quoted with all additional software's and one year warranty including onsite training &amp; installation. The supplier should have their services center in India to provide after sales services and all relevant details should be provided in tender.</p>
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**General:**

- Scope of work includes supply, installation , commissioning and Training at the place of delivery.
- Bidder should provide detailed specification with make and model no. of the instrument.
- The concern should have experience of installing successfully such systems in CMU Graded Semen Labs in India, for which necessary documents must be attached. The satisfactory working report from the user also to be attached.

**Chief Executive Officer**



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## FORMAT OF QUOTATION

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
	<b>TOTAL</b>						
	<b>Sales Tax</b>						
	<b>Custom Duty</b>						
	<b>Packing, Forwarding, Freight &amp; Insurance.</b>						

**Gross Total Cost : Rs. ....**

I/We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. ....(amount in figures ) (Rs. .... amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of ..... months shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices (as defined in the prevailing World Bank's sanctions procedures) in competing for or in performing the Contract.

**Signature of Supplier**