



भाकूअनुप - केन्द्रीय खारा जलजीव पालन अनुसंधान संस्थान  
ICAR - CENTRAL INSTITUTE OF BRACKISHWATER AQUACULTURE

ISO 9001:2015 CERTIFIED

<https://ciba.icar.gov.in>



(Indian Council of Agricultural Research, Govt. of India) 75, Santhome High Road, RA Puram, MRC Nagar, Chennai - 600028, Tamil Nadu, India

**CIBA GST: 33AAAAI1830P1ZO**

**आदेश/Order No: CIBA/24-25/ 1197**

**आपूर्ति आदेश / SUPPLY ORDER**

फ़ाइल संख्या / F.No: 5-89/24-25/ST

दिनांक / Dated: 11.3.2025

**M/s. Expert Vision Labs Pvt. Ltd.,  
Ground Floor,  
Plot No.102, Anandi Building,  
Dr. M.B. Raut Road,  
Dadar (W), Mumbai – 400 028.  
Email- sales@expertvisionlabs.com**

विषय / Sub: Supply Order for Stereo Zoom Microscope at MES of CIBA- reg.

संदर्भ / Ref: Qtn. No. Nil

महोदय/महोदया / Sir/Madam,

With reference to the above, please arrange to complete the work or supply the item/materials in accordance with the terms and conditions mentioned below:

- A Demand Draft for Rs.44,970/- drawn in favour of ICAR Unit, CIBA payable at Chennai towards the Performance Security Deposit may be sent within 07 Days from the date of receipt of this supply order.
- The articles should strictly be as per specification indicated in your quotation/ catalogue/pamphlets sent along with the quotation.
- Ours is the public funded research organization under the administrative control of ICAR, Ministry of Agriculture and Farmers welfare, Government of India and hence tax should be charged at concessional rates as applicable to educational and research institutions run without profit motives, wherever if applicable.
- GST is admissible only on the cost of the goods supplied and it will be disallowed if claimed on any other charges.
- **The standard deductions such as TDS on GST & IT and other statutory levies as per government norms from time to time will be deducted.**
- The work/supply should be completed at the earliest but not later than **25.03.2025 after which Liquidated damages will be imposed as per GENERAL CONDITION OF CONTRACT (GCC).** (A sum equivalent to 0.5% ( half percent) of the delivered price of the delayed goods or unperformed services for each week of delay or part thereof until actual delivery or performance, up to a maximum deduction of 10% (ten percent) of the delayed goods or services contract price. Once the maximum is reached, the purchaser may consider termination of the contract, if the same have not been terminated already).
- The supply /work is **FOR MES OF CIBA, ECR, Muttukadu, Chennai – 603 112.** The supply should be made only on working days.

- Transit insurance is at the risk of the suppliers. The receipt of the supply order may please be acknowledged within five days from the date of this order.
- The bills in triplicate duly pre-receipted drawn in favour of "**The Director, CIBA, Chennai-600 028**" may be sent to this office(Stores Section within 7 days of delivery/supply of stores) to arrange for payment. The payment will be released from this Office only on receipt of bills from the concerned Officer/ Indenter/ End user **along with GST Registration / Installation or Service Report / Warranty Certificate / Cancelled Cheque, etc.** to the effect that the items are received in good condition without any damages.
- The performance security deposit, if collected towards the supply of items as mentioned in the description of stores has to be claimed within two years after the completion of warranty period and 60 days. The claims after the due date will not be entertained under any circumstances.
- Payment Terms: Payment will be made through ECS after **satisfactory completion work / delivery of items / installation in good condition and working satisfactorily** at our site.
- Description of Stores:

SR NO	DESCRIPTION	QTY	RATE PER NO	TOTAL AMOUNT RS.
1	Biovis CASA 2000 System with Microscope with High Speed Camera and Software Includes accessories as per the quotation attached	1 Set	1499000.00	1499000.00
<b>GRAND TOTAL</b>				<b>1499000.00</b>
<b>In Rupees: Fourteen Lakh Ninety Nine Thousand Only.</b>				

भवदीय / Yours faithfully,

*E- Mary Desaiya*

11-3-25

सहायक प्रशासनिक अधिकारी /  
Asst. Administrative Officer

प्रतिलिपि / Copy to:

1. The Chief Finance & Accounts Officer, CIBA, Chennai.
2. The DDO, CIBA, Chennai
3. Dr. Aritra Bera, Sr. Scientist, CIBA, Chennai.  
(C.No. 363965, Note # 7, dt: 11.03.2025, Pg. 7, GE 20/2 Capital for the Year 2024-25)





# Expert Vision Labs Pvt. Ltd.

Ground Floor ■ Plot No 102 ■ Anandi Building ■ Dr. M. B Raut Road ■ Dadar(W) ■ Mumbai - 400028 ■ India

Phone: +91-22-24442565, 24442566, 24442739 ■ Email: sales@expertvisionlabs.com ■ Website: www.expertvisionlabs.com  
 CTN No. U33130MH1995PTC089651 GST No: 27AAACE1392G1ZT

## Quotation for

### Biovis CASA 2000 System for Fish Semen Analysis

Item	Description	Qty	Amount In Rs
1.0	<b>Biovis CASA 2000 System with Microscope with High Speed Camera and Software Includes the following</b>	1 Set	14,99,000.00
1.1	<p>Microscope  <i>Stereozoom microscope</i> with approximate 7.5 : 1 zoom ratio or better. The zoom range of 0.67x to 5x or better for total magnification up to 50x. Working distance 115mm or better            Eyepiece: Eyepiece 10x with FOV 22mm/23mm or better with diopter adjustments. Objective lenses: Built in 1x objective and additional 0.5 x objective</p> <p>Optics: Trinocular optical head inclination 45-50 degree or more for monitoring and digital imaging. Optical path switching lever that enables easy switchover between eyepiece and camera.</p> <p><i>Phase Contrast microscope</i>, bright field and fluorescence microscopy with 10X Phase contrast objectives, 20X Phase, 40X BF, 100X BF plan achromat Objectives with C Mount Adaptor suitable for Semen Analysis Applications.</p>		Included
1.2	<p>Computer-assisted semen analysis. Biovis Motility plus Software for sperm motility analysis. It should help in the analysis of multiple fields / Multiple species including fish species. Macros for different sperm types/ sample conditions</p> <p>Software should help to estimate</p> <p><i>Standard semen parameters</i>: Sperm concentrations, total number of motile sperm, progressive motility. It should be able to analyse the sperm vitality, the number and percentage of live and dead spermatozoa and also DNA Fragmentation with DFI scoring in phase contrast, bright field and Fluorescence Microscopy</p> <p><i>Normal sperm morphology</i>: Width area of Head, Tail and Mid piece area, Teratozoospermy index (TZI), Deformity index (SDI), Multiple anomalies index (MIA), Number of spermatozoa with Excess residual cytoplasm (ERC).</p> <p><i>Sperm kinematics</i>: including percentage of progressive motile sperm cells (PPMS), curvilinear velocity (VCL), straight-line velocity (VSL), average path velocity (VAP), amplitude of lateral head displacement (ALH), Linearity (LIN), straightness (STR), beat-cross frequency (BCF) and DNA fragmentation.</p> <p>Classification of detected features into user definable classes using a</p>		Included



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	<p>combination of any measurement parameters. All data/results can be transferred to MsExcel, Word or pdf. In built report generator for generating custom reports complete with Data tables, histograms and images, All data stamped with date, time, and magnification and calibration information.</p>		
1.3	Experiment Database Module with Consolidated Report Generation		Included
1.4	Camera: Hi Speed Global shuttered USB 3.0, Large Format > .8", 2.3MPixel ( 1920 x 1200) Colour Camera for Sequence capturing > 160frames/sec, C/CS mount, USB connector seamlessly interfaced software for live sequence capture using Biovis Motility Software		Included
1.5	Heating Stage with Controller to work from 37° C to 55 ° C to work with CX 43 Microscope stage.		Included
1.6	Computer system: Intel I7 with 8 GB, 1 TB HDD, 21" PC Monitor, 2 x USB 2.0, 1 x USB 3.0 Ports with Windows 10 64 Bit OS		Included
1.7	Additional Hi resolution 5 M P Colour camera interfaced to the binocular port.		Included
1.8	Calibration of the system using CMTI certified micrometer scales		Included
1.9	Validation of the system using NIST certified Microsphere beads		Included
2.0	Installation and Training to be given		Included
2.1	Warranty: 3 Year		Included
2.2	AMC: Consecutive years AMC should be quoted.		Included
	Total Price FOR Destination Inclusive of Taxes Rupees Fourteen Lakh Ninety Nine Thousand Only		14,99,000.00