

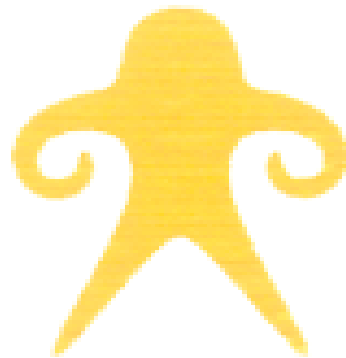
Indian National Trust for Art and Cultural Heritage (INTACH)

**Tender Notice for the Supply, Installation & Demonstration of
Microscope with Digital Colour Camera and Image Analysis
Software for Conservation/Research/Analysis Purposes**

Tender Notice No INTACH/R. Microscope/2017

Release Date of the Tender 21/02/2017

Last Date the Submission of Tender 08/03/2017 (till 12:30 p.m.)



I N T A C H

71, Lodi Estate, New Delhi -110 003

Phone – 24635631

website: intach.org

Indian National Trust for Art and Cultural Heritage (INTACH)

Subject: Supply, Installation & Demonstration of Microscope with Digital Colour Camera and Image Analysis Software for Conservation/Research/Analysis Purposes

INTACH invites sealed tenders for above-mentioned item for Research and Analysis purposes in the Conservation and Restoration field.

Tender Notice No	INTACH/R. Microscope/2017
Release Date of the Tender	21/02/2017
Last Date the Submission of Tender	08/03/2017 (till 12:30 p.m.)
Opening Date of Tender	08/03/2017 (at 3:30 p.m.)
Name and Address of Organisation	INTACH 71, Lodi Estate, New Delhi-3
Telephone	24635631
Website	intach.org

Information Regarding Tender

S.No.	Particulars	Annexure
1	Guidelines for the Preparation of Tender	Annexure-A
2	General Financial Terms and Conditions	Annexure-B
3	Technical Specification of the Equipment	Annexure-C
4	Format for the Submission of Rates (Bid)	Annexure-D
5	Proforma for User List	Annexure-E
6	Compliance Sheet	Annexure-F
7	Certificate of Warranty	Annexure-G
8	Annual Maintenance Contract	Annexure-H
9	Application Form	Annexure-I
10	Declaration and Check List	Annexure-J

Guidelines for the Preparation of Tender

- I. Blank Tender Form for the above-mentioned equipment along with details can be downloaded from INTACH website - intach.org.
- II. Vendors/ firms name and Tender No. shall be indicated on the envelope.
- III. The proposal shall be submitted in two parts: Technical and Financial Bid.
- IV. Proposal may be submit to INTACH Delhi office in sealed envelope by Regd/Speed Post/Courier/by hand.
- V. Detailed specification, terms and conditions are furnished in tender documents.
- VI. Financial Bid should be as per Annexure D.
- VII. Quotation shall be valid for a period of 60 days from the date of opening.
- VIII. Valid Registration Certificate of the Company to be attached.
- IX. Reference of Supply: Name and contact details of the institutions where the similar equipment has been installed may be given as per Annexure-F. (Copies of at least 2 purchase orders may be attached).
- X. The Tenders will be opened at the INTACH Delhi as per given schedule; opened in the presence of tenderers or their authorized representatives.
- XI. The tenders received late or without complete document may be rejected automatically.
- XII. Apart from all these terms and conditions, specific terms as specified for each instrument must be compiled.
- XIII. The tenderer found competent in technical evaluation will only be considered for further steps.
- XIV. Supply of Broacher Service Manual.

Other terms and conditions:

1. Party should carryout installation and demonstration at INTACH, Delhi office.
INTACH Conservation Institute
71, Lodhi Estate, New Delhi - 110003
Concerned person: Ms. Padma M Rohilla and Ms Bulbul
2. Extensive training shall be provided at INTACH, Delhi office to at least 2 personnel.
3. The supplier shall ensure availability of spare parts for at least 3 years after acceptance.

IMPORTANT NOTE TO THE TENDERERS

- In view of Two Part Tender, Fax/Email, offers will not be accepted.

GENERAL FINANCIAL TERMS AND OTHER CONDITIONS

1. **Acceptance of Terms & Conditions:** Bidders must confirm the acceptance of all terms and conditions of the tender. Any non-acceptance or deviations from the terms and conditions must be clearly mentioned.
2. **Prices:** Quoted prices should be firm and complete break up of all taxes, cartage, amc, etc. should be clearly defined otherwise it will be presumed that rate quoted are inclusive of all these charges and nothing extra will be paid. **Special discount/ rebates, if any, may also be specifically indicated.** A proforma Invoice may also be given which should contain all the required information like PAN/TAN/ VAT/Taxes/import duty/Bank details etc.
3. **Taxes:** All kinds of statutory taxes will be paid on the basis of supportive documentary evidence which must be included in the cost.
4. **Validity:** Tender should be valid for 60 days from the date of its submission.
5. **Opening of Tenders:** Tender complete in all respect will only be considered and will be opened at INTACH Delhi office.
6. **Incomplete or Misleading Tender:** Tender duly sealed and sent only post/ courier/by hand will be considered. Tenders received late or incomplete in any respect and without required documents will be rejected with no responsibility with regard to postal delays due to any reason.
7. **Right to reject:** INTACH has reserves right to accept/reject any or all the Tenders at any time without assigning any reason and Purchaser reserves the right to accept or reject even the lowest or any other offer in whole or in part without assigning any reason.
8. **Delivery:** Delivery will be given at INTACH Delhi office.
9. **Installations:** Installations and Training of the equipment under purchase, if any, will be given free of cost.
10. **Warranty/Guarantee:** Bidders are required to submit warranty/ Guarantee certificate as per given Performa at Annexure-G.
11. **Site Preparation:** The supplier shall inform to INTACH Delhi office about the site preparation, if any, needed for the installation.
12. **Annual Maintenance Contract (AMC):** Duly signed and stamped certificate with rates of 3 years maintenance contract after expiry of warranty period should be attached with the technical bid.

- Non Comprehensive
- For the period of 3 years
- Two visits per year

15. **Documents:** The following document should be provided at the time of supply, installation and demonstration of the equipment:

1. User manual (English) for microscope and Software/CD
2. Calibration procedure.
4. After installation supplier should calibrate the equipment at our site.

16. Arbitration: Dispute if any shall be settled mutually, failing which it will be referred to a One Man arbitrator appointed by INTACH in accordance with the Indian Arbitration and Conciliation Act 1996, whose decision shall be final and binding on both the parties.

In case of Import Supply, the Arbitration shall be applicable as per International Chamber of Commerce.

13. **Jurisdiction:** the Court in Delhi alone shall decide any matter or dispute whatsoever arising out of this agreement

Technical Specifications of the Equipment

1.	Microscope Frame	<ul style="list-style-type: none"> • Optical system - UIS2 • Coaxial coarse and fine focus with stage up and down mechanism. Focus stroke 25mm, Coarse stroke 15mm/rotation and Fine stroke 100 µm/rotation with prefocussing limit stopper and torque adjustment on coarse focus. • Built in 12V 100W Koehler illumination with gradation filter and built-in filter holders (for 3 filters) with Push buttons, including hexagonal driver AB8804 and shield sticker AD4908 (2 pcs) corresponded to RoHS and WEEE regulations. • LED indicator (LBD-IF, ND6, ND25) 12 V, 100 W Halogen bulb • Energy saving echo switch with motion sensors that turns off the halogen illumination when unattended.
2.	Trinocular Tube and Eyepiece	<ul style="list-style-type: none"> • Trinocular tube having 3-way light path selector of 0:100, 100:0 & 20:80 for simultaneous observation and viewing • Magnification changer, 1X, 2X. gives total magnification of 80X to 2000X. • Wide Field, F.N.22, Helicod
3.	Nosepiece	<ul style="list-style-type: none"> • Nosepiece - Revolving DIC • Interchangeable reversed quintuple/sextuple/septuple nosepiece with a slot for analyzer or DIC slider. • Encoding optional with septuple nosepiece. Motorized septuple revolving nosepiece.
4.	Stage	<ul style="list-style-type: none"> • Circular rotatable stage including stage clip • Attachable mechanical stage, graduated (Non stick coated grooved coaxial, plain, rotatable stages)
5.	Polarising Attachment	<ul style="list-style-type: none"> • Polarizer and Analyzer for transmitted light
6.	Fluorescence Illuminator	<ul style="list-style-type: none"> • Universal reflected light illuminator with field stop, 8-position mirror turret unit, cassette,. UV protected shield, shield plate, allen wrench, indication plate and shield cap (4 pcs) corresponded to RoHS regulation. • Motorized reflected fluorescence, 8-position mirror turret unit, encoded with tool-free exchange of filter cubes • Neutral Density Filter for reflected light • 100 W mercury burner with collector lens and connecting cable. • Power supply unit for Mercury lamp meeting the RoHS regulation and Power Cord

7.	Fluorescence Filter	<ul style="list-style-type: none"> • UV filter with mirror unit for fluorescence microscopy, narrow band UV excitation with band pass barrier, exciter filter, dichroic beam splitter, barrier filter, including plastic case
8.	Transmitted Light Source	<ul style="list-style-type: none"> • Lamp House for 100W Halogen and Halogen Bulb • Dust Cover and Power Cord
9.	Objectives	<ul style="list-style-type: none"> • Plan Achromat objective 4X/0.1, WD 18.5 • U plan semi apochromat objective 20X/0.5, WD 2.1 • U plan semi apochromat objective 60X/0.9 WD 0.2 with correction collar • U plan semi apochromat objective 60X/0.9 WD 0.2 with correction collar • U plan semi apochromat objective 100X/1.3, WD 0.2 • Immersion oil
10.	Controller	<ul style="list-style-type: none"> • Optional: Control box for semi-motorised setups.
11.	Operating Environment	<ul style="list-style-type: none"> • Ambient temperature: 5 °C to 40 °C (41 °F to 104 °F) • Maximum relative humidity: 80% for temperatures up to 31° C (88 °F), decreasing linearly through 70% at 34 °C (93 °F), 60% at 37 °C (99 °F), to 50% relative humidity at 40 °C (104 °F) • Supply voltage fluctuations: Not to exceed ±10% of the normal voltage.
12.	Condenser	<ul style="list-style-type: none"> • Abbe Condenser N.A. 1.1
13.	C Mount Adapter	<ul style="list-style-type: none"> • TV Adapter- Direct image video part • c-mount- c mount adapter
Accessories		
1.	Color CCD Camera	<ul style="list-style-type: none"> • Color CCD camera with effective pixels - 5.05 megapixels • sensor - 2/3 inch color CCD, Resolution (max.) - 2448 x 1920, pixel size -3.45 µm, binning -2 x 2, 4 x 4; A/D conversion -12 bits • exposure times -50 µs - 8 seconds, Scanning method: Progressive scan, Exposure control - Auto/ manual • Live Frame Rates - 15 fps (resolution:2448x1920), 22 fps (resolution: 1920x1080) and fps (resolution:1224x960) • USB 3.0 PC Interface

2.	Image Analysis Software	<ul style="list-style-type: none">• CellSens Software for image and movie acquisition with advanced features like annotation• User experience customization, Overlay multiple images• Document groups for side- by- side comparison/ live compare• Tile view (multiple images in a single data set shown side-by-side)• Time lapse at specified interval• Region and line measurements• Object and line measurements• Object counting and Scale bar
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Format for the submission of Rates –Bid

Equipment Price:

Name of the Equipment: _____

Name of the Manufacturer: _____

Make of the Equipment: _____

Model No. of the Equipment: _____

Origin: _____

Cost of the Equipment _____

AMC Charges for 3 years _____

After the expiry of warranty _____

Taxes, cartage and other levies, if any, _____

Please mention clearly _____

Grand Total _____

Place:

Date:

Seal:

Name and Signature of the Authorized Person

Designation:

Proforma for User List

S.No.	Name, Address of the Purchaser, Phone No, E-mail and Contact Person	No of Units purchased	Purchase and Installation year

Signature and Seal of Bidder

Date:

Place:

Compliance Sheet

S.No.	Technical Specifications as per Tender (point-wise)

Signature and Seal of Bidder

Date:

Place:

Certificate of Warranty

The equipment shall be warranted for any manufacturing defect for a period of 12 months from the date of successful completion of installation and hand over of the equipment.

During the above-mentioned period at least 2 maintenance visits will be given by vendor free of cost.

All the complaints will be attended within 2 weeks of receipt of the complaint.

Annual Maintenance Cost for next 3 years as given in Annexure-H adhered to and enhanced during the AMC period.

Signature and Seal of Bidder

Date:

Place:

Annual Maintenance Contract

1. During the Warranty period 2 maintenance visits will be provided by the Supplier
2. After Warranty cost of annual maintenance:
For 1st year: _____
For 2nd Year: _____
For 3rd Year: _____
3. Service Contract quoted only for annual service of the equipment.
4. All the complaints will be attended within 2 weeks in the office.
5. All service contract charges will be invoiced twice in a year and the payment will be made within 15 days.
6. No price revision will be accepted during the service contract period.

Signature and Seal of Bidder

Date:

Place:

Application Form

Name and Address with phone number, email and website of the Manufacturer of the Equipment:

Name and Address with phone number and email of the Dealer/supplier of the Equipment

Name of Bank, Account Number and IFSC code (with one cancelled cheque)

PAN and TAN No: _____

Manufacturing Type: Imported/Indigenous/Both: _____

Any other relevant information: _____

Signature and Seal of Bidder

Date:

Place:

Declaration by Supplier

I/We certify that I/we have carefully read and understand the general and technical terms and conditions of this document and agree to abide by all the terms and conditions. All the information given with the bids are truthful and binding on the firm/supplier.

Signature and Seal of Bidder

Date:

Place:

Check List:

1. Filled and signed Annexure from A to J
2. Photocopy of PAN, TAN and Sales Tax Registration certificate
3. Complete Bank Details
4. In case of dealer or supplier, kindly provide the certification of authorization
5. Catalogue/broacher of the Equipment