

NIQ No. IISERBpr/NIQ/EES/2025-26/02

Date: Sep 11, 2025

NOTICE INVITING QUOTATIONS

Indian Institute of Science Education and Research (IISER), Berhampur, is an Institute of National Importance established under Ministry of Education, Government of India. Quotations are invited from prospective bidders for supply, installation, testing and commissioning of **i.** Encoded stereo zoom microscope with Fusion Optics and photomicrography system **ii.** Encoded stereo zoom microscope with Fusion Optics **iii.** Petrological Microscope with TL + RL with Trinocular POL Tube and high-resolution photomicrography and Image analysis system (01 Nos. each)

All prospective suppliers are requested to submit their quotations on or before the end date/time of submission in the following ways:

- By email to purchase@iiserbpr.ac.in. The scanned soft copy (pdf) of the quotation should be password protected. The password will be obtained from the suppliers at the specified time of opening of NIQ. The unprotected soft copy of quotation may be rejected.

The sealed envelope should be duly super-scribed OR the subject of email providing soft copy of the quotation should be as follows: **"Quotation for supply, installation, testing and commissioning of i. Encoded stereo zoom microscope with Fusion Optics and photomicrography system ii. Encoded stereo zoom microscope with Fusion Optics iii. Petrological Microscope with TL + RL with Trinocular POL Tube and high-resolution photomicrography and Image analysis system (01 Nos. each)**

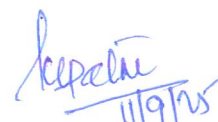
vide NIQ No. IISERBpr/NIQ/EES/2025-26/02 dated Sep 11, 2025"

GEM GARPTS No.	GEM/GARPTS/24062024/KHY9ZTQ9VUCD GEM/GARPTS/24062024/KKPMHC80WT2G GEM/GARPTS/26072024/94BOIMHPQTHD
Indent No.	IISERBpr/2024-25/EES/B095/16 dated 20/6/2024 IISERBpr/2024-25/EES/B095/18 dated 20/6/2024 IISERBpr/2024-25/EES/B095/28 dated 20/6/2024
NIQ No.	IISERBpr/NIQ/EES/2025-26/02
NIQ Date:	September 10, 2025
Brief Description of the item to be procured	<u>"Quotation for supply, installation, testing and commissioning of i. Encoded stereo zoom microscope with Fusion Optics and photomicrography system ii. Encoded stereo zoom microscope with Fusion Optics iii. Petrological Microscope with TL + RL with Trinocular POL Tube and high-resolution photomicrography and Image analysis system (Specifications as per Annexure- 1)</u>
Quantity	01 Nos. (For each item)
Delivery Period (Days/weeks):	The item should be delivered within 120 Days at IISER Berhampur (Permanent Campus). Installation should be done free of cost. The vendor should provide any spare parts, consumables or accessories required for the installation of the instrument, free of cost.
Delivery Location:	IISER Berhampur Permanent Campus
Estimated value	₹13,78,199 /-
NIQ Submission End Date & Time of submission	September 26, 2025 at 11:00 hr
NIQ Opening Date, Time & Venue	September 26, 2025 at 15:00 hr (Store & Purchase Office)
Delivery:	(i) FOR IISER Berhampur (ii) LD Charges @0.5 % per week for late delivery.
Bid Security	2% of Bid Value Rs. 27,564/- (In lieu of bid security, bid securing declaration is to be submitted by all bidders. (NEFT/Bank Mandate is attached)
Payment Terms.	100% payment shall be made against satisfactory, delivery and successful installation & commissioning of the equipment subject to submission/ extension

[Signature]
11/09/25

[Signature]
11/9/25

	of PBG/ S.D. of 5% of Purchase order value in form of D.D. / B.G valid till 60 (sixty) days beyond the Warranty period and subsequent confirmation from the verifying authority..
Address for submission of NIQ:	The Stores & Purchase Officer IISER Berhampur, At/Po: -Laudigam, Konisi, Dist. Ganjam, Odisha-760003 Through email: purchase@iiserbpr.ac.in (strictly as per the above directive)
Award of Contract:	The bidder who complies with the technical compliance, fulfils the eligibility criteria and quotes the lowest amount shall be awarded the contract
Warranty (Onsite)	2-years comprehensive warranty from the date of installation
Mandatory Documents /	The bidder should submit the following documents for evaluation failing which the bid cannot be considered: a. Technical Specifications (Refer Annexure- '1') b. Technical compliance (Ref. Annexure- '2') c. Format/Questionnaire for compliance of Terms and Conditions (Ref. Annexure- '3') d. Manufacturer's Authorization Form (ref. Annexure- '4') e. Bidder Information Form (Ref. Annexure- '5') f. Declaration for non-blacklisting/debarment (Ref Annexure-'6') g. Quotation Format (Ref. Annexure- '7')
Compliance of Make in India Policy 2017/DPIIT Guidelines	a) Applicable for procurement of goods/services value above Rs 50 Lakhs. b) Bidder has to provide land border declaration regarding restrictions on procurement from Bidders from a country or countries, or a class of countries under Rule 144(x) of the General Financial Rules 2017. c) Self-certification regarding Local Content (LC) for Goods, Services or Works (Ref. Annexure- '6')
Pre-Qualification criteria	Bidders must have supplied identical item (same or similar) to other IISERs/IITs/Central Universities/Research/Reputed institutes etc., of national repute in the last three years. Copies of Purchase orders have to be submitted as evidence of supply. The bidders also have to submit certificates from the Institute authorities showing successful functioning of the identical equipment supplied to them for the last three years.
Declaration	The vendor has to submit a declaration in their letter head stating that they have not offered the same item to any other govt. organization at a lower price than the quoted price.
For technical Clarifications please contact:	Prof Joydip Mukhopadhyay Email - joydip@iiserbpr.ac.in
NIQ Inviting Authority:	Stores and Purchase Officer for and on behalf of Director, IISER Berhampur Tel. No.0680 2227-728/709


Stores & Purchase Officer

TECHNICAL SPECIFICATIONS
(NIQ NO. IISERBpr/NIQ/EES/2025-26/02 dated Sep 11, 2025)

i. Encoded stereo zoom microscope with Fusion Optics and photomicrography system

1. Electronically Coded Zoom with dynamic, automatic pixel calibration
2. Optical Zoom 9:1 or more
3. Working distance 120 mm or more
4. Complete Apochromatic corrected zoom optics and objective lens
5. Optical Magnification up to 55x or more (in combination with 10x Eyepieces).
6. Long working distance 35 mm or more
7. Resolution 250 lp/mm or higher
8. Height of focusing column: 350 mm or more
9. Focusing distance or stroke: 120 mm or more
10. Inclined observation 35° tube
11. Eyepiece with dioptr adjustment 10x (pair) with Field number 23 or more.
12. Built-in port for simultaneous observation via binocular observation head and through the monitor without restrictions.
13. Digital colour camera with resolution of 12 Megapixels or more
14. High-definition live image 4k, 60fps or more
15. Full HD MJPG Video recording with 30 fps
16. Software and hardware to allow Image acquisition, Automatic pixel calibration synchronised with coded zoom knob, video recording, gallery view, Annotate and measure directly during inspection (length, perimeter, area, angle, diameter), Directly comparison to reference images or overlays with tolerances, HDR for higher contrast, better balanced live image, Negative mode to highlight hard to see details, image storage drive.
17. 27" LED Monitor
18. Microscope Base (330 x 255 mm) with transmitted light
19. Uniform and high-performance transmitted light illumination with built-in LED source with an intensity independent constant colour temperature with 25,000 hours lifetime and intensity controller to illuminate an object field diameter of 60 mm or more.
20. Incident Ring light (LED source with average lifespan of 25,000 hours) for bright, uniform, and shadow-free illumination with constant colour temperature 6100K with variable brightness / intensity controller.
21. Incident light Oblique illumination (LED source with average lifespan of 25,000 hours) 2 -point to pronounce 3D effects to easily identify the surfaces with irregular feature. The illumination should have constant colour temperature 6100K with variable brightness / intensity controller.
22. Dust Cover cabinet and silica gel

Warranty, CMC and AMC:

23. 2-year comprehensive warranty from the date of supply/installation from the manufacturer with at least 2 Preventive Maintenance visits per year and break down maintenance visit as and when required.
24. Comprehensive Maintenance Contract (CMC) of 2 Years (To be quoted year wise will be paid yearly as per actual after warranty period is over). CMC shall have to cover all the components of the total Microscope. During warranty and CMC all spare parts and complete support are to be provided to IISER BERHAMPUR site on DDP basis.
25. AMC cost after warranty & CMC is to be quoted year wise for next 2-years will be paid year wise as per actual after completion of the warranty period.
26. The cost of CMC and AMC shall be included for price comparison among the eligible bidders for determination of L1 bidder.

Installation, Commissioning & Training:

27. The system must be installed and commissioned at specified site of IISER BERHAMPUR within 120 days from the date of receipt of equipment.

Mandatory Requirements:

28. The supplier has to quote the latest model as per the desired specification along with a compliance statement in tabular form with supporting documents like catalogue/data sheet/certificates etc. of the OEM and certification of standards.
29. Supplier has to submit the list of the user list equipment in India.
30. Commitment to provide service and spare parts support at least for next 10 years from the date of installation of the offered model.
31. Supplier should provide service and user manuals printed in English along with the delivery / installation of the equipment.
32. Vendor must provide the satisfactory functioning report from the institute, where the same equipment was installed in recent.

Eligibility Criteria:

33. Bidder should be a manufacturer or its authorized representative having experience in serving similar application. A performance Certificate from any reputed government customer should be submitted along with the bid.
34. Bidder should be able to demonstrate all the quoted items as per above specification if the competent authority is willing to see the machine performance before placement of order.
35. Bidder should have factory certified service engineer to carrying installation and servicing of all quoted items. A copy of the certified must be submitted along with the Bid.
36. Brochures of all offered machines must be available for download from manufacturers/bidders website for verification.
37. Bidder must have experience is supplying petrological microscopes applicable. PO and Installation/performance certificate from at least 5 Govt. of India organization should be enclosed.

Delivery and installation:

38. Item should be delivered within 120 Days at IISER Berhampur (Permanent Campus). Installation should be done free of cost. The vendor should provide Any spare parts, consumables or accessories required for the installation of the instrument, free of cost.

ii. Encoded stereo zoom microscope with Fusion Optics

1. Optical Zoom 9:1 or more
2. Working distance 120 mm or more
3. Complete Apochromatic corrected zoom optics and objective lens
4. Optical Magnification up to 55x or more (in combination with 10x Eyepieces).
5. Long working distance 35 mm or more
6. Resolution 250 lp/mm or higher
7. Height of focusing column: 350 mm or more
8. Focusing distance or stroke: 120 mm or more
9. Inclined observation 35° tube
10. Eyepiece with dioptr adjustment 10x (pair) with Field number 23 or more.
11. Microscope Base (330 x 255 mm) with transmitted light
12. Uniform and high-performance transmitted light illumination with built-in LED source with an intensity independent constant colour temperature with 25,000 hours lifetime and intensity controller to illuminate an object field diameter of 60 mm or more.
13. Incident Ring light (LED source with average lifespan of 25,000 hours) for bright, uniform, and shadow-free illumination with constant colour temperature 6100K with variable brightness / intensity controller.
14. Incident light Oblique illumination (LED source with average lifespan of 25,000 hours) 2 -point to pronounce 3D effects to easily identify the surfaces with irregular feature. The illumination should have constant colour temperature 6100K with variable brightness / intensity controller.
15. Dust Cover cabinet and silica gel

Warranty, CMC and AMC:

16. 2-year comprehensive warranty from the date of supply/installation from the manufacturer with at least 2 Preventive Maintenance visits per year and break down maintenance visit as and when required.
17. Comprehensive Maintenance Contract (CMC) of 2 Years (To be quoted year wise will be paid yearly as per actual after warranty period is over). CMC shall have to cover all the components of the total Microscope. During warranty and CMC all spare parts and complete support are to be provided to IISER BERHAMPUR site on DDP basis.
18. AMC cost after warranty & CMC is to be quoted year wise for next 2-years will be paid year wise as per actual after completion of the warranty period.
19. The cost of CMC and AMC shall be included for price comparison among the eligible bidders for determination of L1 bidder.

Installation, Commissioning & Training:

20. The system must be installed and commissioned at specified site of IISER BERHAMPUR within 120 days from the date of receipt of equipment.

Mandatory Requirements:

21. The supplier has to quote the latest model as per the desired specification along with a compliance statement in tabular form with supporting documents like catalogue/data sheet/certificates etc. of the OEM and certification of standards.
22. Supplier has to submit the list of the user list equipment in India.
23. Commitment to provide service and spare parts support at least for next 10 years from the date of installation of the offered model.
24. Supplier should provide service and user manuals printed in English along with the delivery / installation of the equipment.
25. Vendor must provide the satisfactory functioning report from the institute, where the same equipment was installed in recent.

Eligibility Criteria:

26. Bidder should be a manufacturer or its authorized representative having experience in serving similar application. A performance Certificate from any reputed government customer should be submitted along with the bid.
27. Bidder should be able to demonstrate all the quoted items as per above specification if the competent authority is willing to see the machine performance before placement of order.
28. Bidder should have factory certified service engineer to carrying installation and servicing of all quoted items. A copy of the certified must be submitted along with the Bid.
29. Brochures of all offered machines must be available for download from manufacturers/bidders website for verification.
30. Bidder must have experience is supplying petrological microscopes applicable. PO and Installation/performance certificate from at least 5 Govt. of India organization should be enclosed.

Delivery and installation:

31. Item should be delivered within 120 Days at IISER Berhampur (Permanent Campus). Installation should be done free of cost. The vendor should provide Any spare parts, consumables or accessories required for the installation of the instrument, free of cost.

iii. Petrological Microscope with TL + RL with Trinocular POL Tube and high-resolution photomicrography and Image analysis system

1. LED or Halogen (12V-50 Watt) TL Koehler Illumination with Auto off function after 2 hours of no use
2. To provide enough number of applicable spare bulbs for trouble free operation for minimum 20,000 hours.

3. 4-Position built-in centrable nosepiece
4. Circular rotating stage (at least 175 mm diameter) and with graduations (0.1° increment) with adjustable brake and XY-Mechanical stage
5. Fine and Coarse Co-axial knobs for Focusing. Fine focus calibrated to 3 micron or lesser per increment.
6. 30-degree Trinocular Pol Tube with eyepiece locking mechanism and orientation key in right eye tube for the Crosshair reticule eyepiece. Inter pupillary distance range to be 52 mm to 75 mm adjustable.
7. Cross -hair eye piece with 45 degree marking scale. Integrated mechanism to maintain eyepiece cross hair orientation independent of IPD adjustment.
8. 10X/20 focusing eyepiece with eye guard and Crosshair reticule and pin for orientation. Stage micrometre scale (micrometre calibration glass slide)
9. 10X/20 focusing eyepiece with eye guard
10. Design with handle and cord wrap to allow easy carrying and easy lifting movement.
11. Field lens with adjustable field diaphragm for ideal set-up of illumination condition.
12. Polariser for Transmitted Light with markings for angles
13. Pol Abbe Condenser 0.85 NA with aperture diaphragm
14. Objective centring tools and built-in slot within the microscope frame
15. Intermediate Tube with Analyzer for quick and easy set-up for Cross-Polarisation
16. Focusable & Centrable Built-in Bertrand Lens
17. Objectives lenses: Strain free and POL engraved, Flat field, Plan achromatic grade 2.5X NA 0.07 W.D. 11.2mm; 4X NA 0.10 WD 10mm; 10X NA 0.22 WD 7.8mm; 20X NA 0.40 WD 1.15mm and 40X NA 0.65 WD 0.31mm
18. Reflected Light Axis w/slider Pol Kit
19. Reflected light axis with LED illuminator for BF, POL and oblique
20. Illumination Including: Reflected light LED illuminator, Polarizer R/P, Analyzer 180° rotatable
21. Oblique illumination from 4 angles. Beam splitter slider allowing the beam splitter to be removed to eliminate any false pleochroism caused by the illuminator when reflected light is not necessary. When in the "beam splitter removed" position, the Reflected light illuminator is automatically switched off to save energy
22. Compensator: Lambda Compensator (1/4 lambda, 1 lambda)
23. Frame with built in handle and cord wrap.
24. Digital colour camera with resolution of 12 Megapixels or more. Pixel size 1.55 micronX1.55 micron or bigger. Built-in color filter with IR Coating 650nm.
25. High-definition live image 4k, 60fps or more
26. Full HD MJPG Video recording with 30 fps
27. Branded Computer System – Intel i7 of latest generation, 1 TB SSD, 16 GB DDR4 RAM, 4 GB Graphic Card, Window 11 Pro, 27" LED Monitor, MS Office, Mouse and Keyboard, all cables, power cords and connectors, suitable UPS, 128GB high speed flash drive.
28. Image Analysis Software – For image acquisition, pixel calibration, image enhancement, full measurement, data acquisition and annotation, image analysis and image classification, report generation.
29. Main optical components to meet the ISO 9022-11 standard against antifungus/antimould test.
30. Dust Cover cabinet and silica gel

Warranty, CMC and AMC:

31. 2-year comprehensive warranty from the date of supply/installation from the manufacturer with at least 2 Preventive Maintenance visits per year and break down maintenance visit as and when required.
32. Comprehensive Maintenance Contract (CMC) of 2 Years (To be quoted year wise will be paid yearly as per actual after warranty period is over). CMC shall have to cover all the components of the total Microscope. During warranty and CMC all spare parts and complete support are to be provided to IISER BERHAMPUR site on DDP basis.
33. AMC cost after warranty & CMC is to be quoted year wise for next 2-years will be paid year wise as per actual after completion of the warranty period.
34. The cost of CMC and AMC shall be included for price comparison among the eligible bidders for determination of L1 bidder.

Installation, Commissioning & Training:

35. The system must be installed and commissioned at specified site of IISER BERHAMPUR within 120 days from the date of receipt of equipment.

Mandatory Requirements:

36. The supplier has to quote the latest model as per the desired specification along with a compliance statement in tabular form with supporting documents like catalogue/data sheet/certificates etc. of the OEM and certification of standards.
37. Supplier has to submit the list of the user list equipment in India.
38. Commitment to provide service and spare parts support at least for next 10 years from the date of installation of the offered model.
39. Supplier should provide service and user manuals printed in English along with the delivery / installation of the equipment.
40. Vendor must provide the satisfactory functioning report from the institute, where the same equipment was installed in recent.

Eligibility Criteria:

41. Bidder should be a manufacturer or its authorized representative having experience in serving similar application. A performance Certificate from any reputed government customer should be submitted along with the bid.
42. Bidder should be able to demonstrate all the quoted items as per above specification if the competent authority willing to see the machine performance before placement of order.
43. Bidder should have factory certified service engineer to carrying installation and servicing of all quoted items. A copy of the certified must be submitted along with the Bid.
44. Brochures of all offered machines must be available for download from manufacturers/bidders website for verification.
45. Bidder must have experience is supplying petrological microscopes applicable. PO and Installation/performance certificate from at least 5 Govt. of India organization should be enclosed.

Delivery and installation:

46. Item should be delivered within 120 Days at IISER Berhampur (Permanent Campus). Installation should be done free of cost. The vendor should provide Any spare parts, consumables or accessories required for the installation of the instrument, free of cost.

Technical Compliance
(NIQ NO. IISERBpr/NIQ/EES/2025-26/02 dated Sep 11, 2025)

i. Encoded stereo zoom microscope with Fusion Optics and photomicrography system

S. No.	Specification of Equipment	Compliance please write Yes/No	Make/Brand & Model No. of the Quoted Item	Remarks
1	Electronically Coded Zoom with dynamic, automatic pixel calibration			
2	Optical Zoom 9:1 or more			
3	Working distance 120 mm or more			
4	Complete Apochromatic corrected zoom optics and objective lens			
5	Optical Magnification up to 55x or more (in combination with 10x Eyepieces).			
6	Long working distance 35 mm or more			
7	Resolution 250 lp/mm or higher			
8	Height of focusing column: 350 mm or more			
9	Focusing distance or stroke: 120 mm or more			
10	Inclined observation 35° tube			
11	Eyepiece with dioptre adjustment 10x (pair) with Field number 23 or more.			
12	Built-in port for simultaneous observation via binocular observation head and through the monitor without restrictions.			
13	Digital colour camera with resolution of 12 Megapixels or more			
14	High-definition live image 4k, 60fps or more			
15	Full HD MJPG Video recording with 30 fps			
16	Software and hardware to allow Image acquisition, Automatic pixel calibration synchronised with coded zoom knob, video recording, gallery view, Annotate and measure directly during inspection (length, perimeter, area, angle, diameter), Directly comparison to reference images or overlays with tolerances, HDR for higher contrast, better balanced live image, Negative mode to highlight hard to see details, image storage drive.			
17	27" LED Monitor			
18	Microscope Base (330 x 255 mm) with transmitted light			
19	Uniform and high-performance transmitted light illumination with built-in LED source with an intensity independent constant colour temperature with 25.000 hours lifetime and intensity controller to illuminate an object field diameter of 60 mm or more.			
20	Incident Ring light (LED source with average lifespan of 25,000 hours) for bright, uniform, and shadow-free illumination with constant colour temperature 6100K with variable brightness / intensity controller.			

21	Incident light Oblique illumination (LED source with average lifespan of 25,000 hours) 2 -point to pronounce 3D effects to easily identify the surfaces with irregular feature. The illumination should have constant colour temperature 6100K with variable brightness / intensity controller.			
22	Dust Cover cabinet and silica gel			
Warranty, CMC and AMC:				
23	2-year comprehensive warranty from the date of supply/installation from the manufacturer with at least 2 Preventive Maintenance visits per year and break down maintenance visit as and when required			
24	Comprehensive Maintenance Contract (CMC) of 2 Years (To be quoted year wise will be paid yearly as per actual after warranty period is over). CMC shall have to cover all the components of the total Microscope. During warranty and CMC all spare parts and complete support are to be provided to IISER BERHAMPUR site on DDP basis.			
25	AMC cost after warranty & CMC is to be quoted year wise for next 2-years will be paid year wise as per actual after completion of the warranty period			
26	The cost of CMC and AMC shall be included for price comparison among the eligible bidders for determination of L1 bidder.			
Installation, Commissioning & Training:				
27	The system must be installed and commissioned at specified site of IISER BERHAMPUR within 120 days from the date of receipt of equipment			
Mandatory Requirements:				
28	The supplier has to quote the latest model as per the desired specification along with a compliance statement in tabular form with supporting documents like catalogue/data sheet/certificates etc. of the OEM and certification of standards.			
29	Supplier has to submit the list of the user list equipment in India.			
30	Commitment to provide service and spare parts support at least for next 10 years from the date of installation of the offered model.			
31	Supplier should provide service and user manuals printed in English along with the delivery / installation of the equipment.			
32	Vendor must provide the satisfactory functioning report from the institute, where the same equipment was installed in recent.			
Eligibility Criteria:				
33	Bidder should be a manufacturer or its authorized representative having experience in serving similar application. A performance Certificate from any reputed government			

	customer should be submitted along with the bid.			
34	Bidder should be able to demonstrate all the quoted items as per above specification if the competent authority willing to see the machine performance before placement of order.			
35	Bidder should have factory certified service engineer to carrying installation and servicing of all quoted items. A copy of the certified must be submitted along with the Bid.			
36	Brochures of all offered machines must be available for download from manufacturers/bidders website for verification			
37	Bidder must have experience is supplying petrological microscopes applicable. PO and Installation/performance certificate from at least 5 Govt. of India organization should be enclosed.			
Delivery and installation:				
38	Item should be delivered within 120 Days at IISER Berhampur (Permanent Campus). Installation should be done free of cost. The vendor should provide Any spare parts, consumables or accessories required for the installation of the instrument, free of cost.			

ii. **Encoded stereo zoom microscope with Fusion Optics**

S. No.	Specification of Equipment	Compliance please write Yes/No	Make/Brand & Model No. of the Quoted Item	Remarks
1	Optical Zoom 9:1 or more			
2	Working distance 120 mm or more			
3	Complete Apochromatic corrected zoom optics and objective lens			
4	Optical Magnification up to 55x or more (in combination with 10x Eyepieces).			
5	Long working distance 35 mm or more			
6	Resolution 250 lp/mm or higher			
7	Height of focusing column: 350 mm or more			
8	Focusing distance or stroke: 120 mm or more			
9	Inclined observation 35° tube			
10	Eyepiece with dioptr adjustment 10x (pair) with Field number 23 or more.			
11	Microscope Base (330 x 255 mm) with transmitted light			
12	Uniform and high-performance transmitted light illumination with built-in LED source with an intensity independent constant colour temperature with 25,000 hours lifetime and intensity controller to illuminate an object field diameter of 60 mm or more.			
13	Incident Ring light (LED source with average lifespan of 25,000 hours) for bright, uniform, and shadow-free illumination with constant colour temperature 6100K with variable brightness / intensity controller.			
14	Incident light Oblique illumination (LED source with average lifespan of 25,000 hours) 2 -point to			

	pronounce 3D effects to easily identify the surfaces with irregular feature. The illumination should have constant colour temperature 6100K with variable brightness / intensity controller.			
15	Dust Cover cabinet and silica gel			
Warranty, CMC and AMC:				
16	2-year comprehensive warranty from the date of supply/installation from the manufacturer with at least 2 Preventive Maintenance visits per year and break down maintenance visit as and when required			
17	Comprehensive Maintenance Contract (CMC) of 2 Years (To be quoted year wise will be paid yearly as per actual after warranty period is over). CMC shall have to cover all the components of the total Microscope. During warranty and CMC all spare parts and complete support are to be provided to IISER BERHAMPUR site on DDP basis.			
18	AMC cost after warranty & CMC is to be quoted year wise for next 2-years will be paid year wise as per actual after completion of the warranty period			
19	The cost of CMC and AMC shall be included for price comparison among the eligible bidders for determination of L1 bidder.			
Installation, Commissioning & Training:				
20	The system must be installed and commissioned at specified site of IISER BERHAMPUR within 120 days from the date of receipt of equipment			
Mandatory Requirements:				
21	The supplier has to quote the latest model as per the desired specification along with a compliance statement in tabular form with supporting documents like catalogue/data sheet/certificates etc. of the OEM and certification of standards.			
22	Supplier has to submit the list of the user list equipment in India.			
23	Commitment to provide service and spare parts support at least for next 10 years from the date of installation of the offered model.			
24	Supplier should provide service and user manuals printed in English along with the delivery / installation of the equipment.			
25	Vendor must provide the satisfactory functioning report from the institute, where the same equipment was installed in recent.			
Eligibility Criteria:				
26	Bidder should be a manufacturer or its authorized representative having experience in serving similar application. A performance Certificate from any reputed government customer should be submitted along with the bid.			

27	Bidder should be able to demonstrate all the quoted items as per above specification if the competent authority willing to see the machine performance before placement of order.			
28	Bidder should have factory certified service engineer to carrying installation and servicing of all quoted items. A copy of the certified must be submitted along with the Bid.			
29	Brochures of all offered machines must be available for download from manufacturers/bidders website for verification			
30	Bidder must have experience is supplying petrological microscopes applicable. PO and Installation/performance certificate from at least 5 Govt. of India organization should be enclosed.			
31	Item should be delivered within 120 Days at IISER Berhampur (Permanent Campus). Installation should be done free of cost. The vendor should provide Any spare parts, consumables or accessories required for the installation of the instrument, free of cost.			

iii. Petrological Microscope with TL + RL with Trinocular POL Tube and high-resolution photomicrography and Image analysis system

S. No.	Specification of Equipment	Compliance please write Yes/No	Make/Brand & Model No. of the Quoted Item	Remarks
1	LED or Halogen (12V-50 Watt) TL Koehler Illumination with Auto off function after 2 hours of no use			
2	To provide enough number of applicable spare bulbs for trouble free operation for minimum 20,000 hours.			
3	4-Position built-in centrable nosepiece			
4	Circular rotating stage (at least 175 mm diameter) and with graduations (0.1° increment) with adjustable brake and XY-Mechanical stage			
5	Fine and Coarse Co-axial knobs for Focusing. Fine focus calibrated to 3 micron or lesser per increment.			
6	30-degree Trinocular Pol Tube with eyepiece locking mechanism and orientation key in right eye tube for the Crosshair reticule eyepiece. Inter pupillary distance range to be 52 mm to 75 mm adjustable.			
7	Cross -hair eye piece with 45 degree marking scale. Integrated mechanism to maintain eyepiece cross hair orientation independent of IPD adjustment.			
8	10X/20 focusing eyepiece with eye guard and Crosshair reticule and pin for orientation. Stage micrometre scale (micrometre calibration glass slide)			
9	10X/20 focusing eyepiece with eye guard			
10	Design with handle and cord wrap to allow easy carrying and easy lifting movement.			
11	Field lens with adjustable field diaphragm for ideal set-up of illumination condition.			

12	Polariser for Transmitted Light with markings for angles			
13	Pol Abbe Condenser 0.85 NA with aperture diaphragm			
14	Objective centring tools and built-in slot within the microscope frame			
15	Intermediate Tube with Analyzer for quick and easy set-up for Cross-Polarisation			
16	Focusable & Centrabale Built-in Bertrand Lens			
17	Objectives lenses: Strain free and POL engraved, Flat field, Plan achromatic grade 2.5X NA 0.07 W.D. 11.2mm; 4X NA 0.10 WD 10mm; 10X NA 0.22 WD 7.8mm; 20X NA 0.40 WD 1.15mm and 40X NA 0.65 WD 0.31mm			
18	Reflected Light Axis w/slider Pol Kit			
19	Reflected light axis with LED illuminator for BF, POL and oblique			
20	Illumination Including: Reflected light LED illuminator, Polarizer R/P, Analyzer 180° rotatable			
21	Oblique illumination from 4 angles. Beam splitter slider allowing the beam splitter to be removed to eliminate any false pleochroism caused by the illuminator when reflected light is not necessary. When in the "beam splitter removed" position, the Reflected light illuminator is automatically switched off to save energy			
22	Compensator: Lambda Compensator (1/4 lambda, 1 lambda)			
23	Frame with built in handle and cord wrap.			
24	Digital colour camera with resolution of 12 Megapixels or more. Pixel size 1.55 micronX1.55 micron or bigger. Built-in color filter with IR Coating 650nm.			
25	High-definition live image 4k, 60fps or more			
26	Full HD MJPG Video recording with 30 fps			
27	Branded Computer System – Intel i7 of latest generation, 1 TB SSD, 16 GB DDR4 RAM, 4 GB Graphic Card, Window 11 Pro, 27" LED Monitor, MS Office, Mouse and Keyboard, all cables, power cords and connectors, suitable UPS, 128GB high speed flash drive.			
28	Image Analysis Software – For image acquisition, pixel calibration, image enhancement, full measurement, data acquisition and annotation, image analysis and image classification, report generation.			
29	Main optical components to meet the ISO 9022-11 standard against antifungus/antimould test.			
30	Dust Cover cabinet and silica gel			
Warranty, CMC and AMC:				
31	2-year comprehensive warranty from the date of supply/installation from the manufacturer with at least 2 Preventive Maintenance visits per year and break down maintenance visit as and when required			
32	Comprehensive Maintenance Contract (CMC) of 2 Years (To be quoted year wise will be paid yearly as per actual after warranty period is over). CMC shall have to cover all			

	the components of the total Microscope. During warranty and CMC all spare parts and complete support are to be provided to IISER BERHAMPUR site on DDP basis.			
33	AMC cost after warranty & CMC is to be quoted year wise for next 2-years will be paid year wise as per actual after completion of the warranty period			
34	The cost of CMC and AMC shall be included for price comparison among the eligible bidders for determination of L1 bidder.			
Installation, Commissioning & Training:				
35	The system must be installed and commissioned at specified site of IISER BERHAMPUR within 120 days from the date of receipt of equipment			
Mandatory Requirements:				
36	The supplier has to quote the latest model as per the desired specification along with a compliance statement in tabular form with supporting documents like catalogue/data sheet/certificates etc. of the OEM and certification of standards.			
37	Supplier has to submit the list of the user list equipment in India.			
38	Commitment to provide service and spare parts support at least for next 10 years from the date of installation of the offered model.			
39	Supplier should provide service and user manuals printed in English along with the delivery / installation of the equipment.			
40	Vendor must provide the satisfactory functioning report from the institute, where the same equipment was installed in recent.			
Eligibility Criteria:				
41	Bidder should be a manufacturer or its authorized representative having experience in serving similar application. A performance Certificate from any reputed government customer should be submitted along with the bid.			
42	Bidder should be able to demonstrate all the quoted items as per above specification if the competent authority is willing to see the machine performance before placement of order.			
43	Bidder should have factory certified service engineer to carrying installation and servicing of all quoted items. A copy of the certified must be submitted along with the Bid.			
44	Brochures of all offered machines must be available for download from manufacturers/bidders website for verification			
45	Bidder must have experience is supplying petrological microscopes applicable. PO and Installation/performance certificate from at least 5 Govt. of India organization should be enclosed.			
Delivery and installation:				
46	Item should be delivered within 120 Days at IISER Berhampur (Permanent Campus). Installation should be done free of cost. The vendor should provide Any spare			

	parts, consumables or accessories required for the installation of the instrument, free of cost.			
--	--	--	--	--

Sign & Seal of the firm

Date: _____

FORMAT/QUESTIONNAIRE FOR COMPLIANCE OF TERMS AND CONDITIONS

NOTE:

1. Quotation will not be considered without submission of this format.
2. If a particular question is not at all applicable, please write NA in compliance part in Col. No. 4 below.
3. Kindly see the relevant terms & conditions of the tender document in each question before replying to the questions mentioned in Col. 2 below).

S. No.	Terms & Condition of Tender Document	Whether acceptable (say 'Yes' or 'No' (Preferably use different colour ink for 'No')	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
1	2	3	4
1	(a) Whether quotation is direct from Principal supplier/manufacturer or their own office in India (Please specify)		
	(b) Whether quotation is being submitted by Indian/Agent/authorised distributor/dealer		
	(c) Whether the agent is registered with NSIC/MSME		
2	Whether techno-commercial bid contains, technical literature/leaflets, detailed specifications & commercial terms & conditions etc, as applicable.		
	(a) Please specify the form of whether in the form of DD/NEFT		
	(b) Whether specific amounts or percentage of expenses like packing, forwarding, handling, freight, insurance, documentation etc. have been mentioned in quotation separately in clear terms.		
3	Whether prevailing rates of sales tax, excise duty & other govt. levies (for indigenous supplies) have been given in quotation		
4	Have you mentioned the validity period of the quotation as per our requirements		
5	Whether "a certificate mentioning that you have not supplied the same item at the price lower than the quoted price".		
	Whether copies of the last three supply orders of the same item from other customers have been attached with the quotation		
6	Whether rates/amount of AMC after the warranty period is over has been mentioned		
7	Have you gone through the specification Clause & complied with the same		
8	Whether the Make/Brand, Model number and name of manufacturer has been mentioned in the quotation and Printed technical literature/ leaflets of quoted items have been submitted		
9	Whether compliance statement of specifications has been attached with the quotation.		
10	(a) Whether the delivery period for supply of the items has been mentioned		
	(b) Whether mode of delivery & tentative size & weight of the consignment has also been indicated		
11	Do you agree with the payment terms for indigenous supplies?		No deviation permitted

12	Do you agree about the date of commencement of warranty period & its extension is necessary.		
13	Have you mentioned the guarantee/warranty period in your quotation and do you agree with guarantee clause?		
14	Whether training to our scientist/technical person will be given free of cost. If yes, have you specified in quotation whether it will be in our lab? Or at supplier's site in India or abroad.		
15	b) Whether quotation has been signed and designation & name of signatory mentioned.		
16	Whether documentary evidence of bidders as given in Eligibility Criteria submitted		
17	Country of origin of the equipment being quoted (Clearly mention the Country name)		

Sign & Seal of the firm

Date: _____

MANUFACTURER'S AUTHORIZATION FORM

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that re binding on the Manufacturer]

To
The Director,
IISER Berhampur
At-Laudigam, Konisi, Dist-Ganjam, Odisha-760003

Ref. Your Tender Document No.....

Tender Title:.....

We, -----, are proven and reputable manufacturers of the Tendered Goods. We have factories at----- . We hereby authorize Members ----- (name and address of the authorized dealer) to submit a bid, process the same further and enter into a contract with you against the above referred Tender Process for the supply of above Goods manufactured by us. Their registration number with us is, dated/ since.....

- 1) We further confirm that no Contractor or firm or individual other than Messrs. (name and address of the above-authorized dealer) is authorized for this purpose.
- 2) As principals, we commit ourselves to extend our full support for warranty obligations, as applicable as per the Tender Document, for the Goods and incidental Works/ Services offered for supply by the above firm against this Tender Document.
- 3) Our details are as under:
 - (a) Name of the Company:.....
 - (b) Complete Postal Address:
 - (c) Pin code/ ZIP code:
 - (d) Telephone nos. (with country/ area codes):
 - (e) Fax No.: (with country/ area codes):
 - (f) Mobile Nos.: (with country/ area codes):
 - (g) Contact persons/ Designation:
 - (h) Email IDs:

- 4) We enclose herewith, as appropriate, our----- (Bye-Laws/ Registration Certificate/ Memorandum of Association/ Partnership agreement/ Power of Attorney/ Board Resolution)

Yours faithfully,

.....

[signature with date, name, and designation]

for and on behalf of M/s.....

[name & address of the OEM and seal of company]

BIDDER INFORMATION FORM
(On company letter head)

(Along with supporting documents, if any)

Bidder's Name _____

[Address and Contact Details]

Bidder's Reference No. _____ Date.....

Tender Document No.: _____; Tender Title: Goods/ Services

Note: Bidder shall fill in this Form following the instructions indicated below. No alterations to its format shall be permitted, and no substitutions shall be accepted. Bidder shall enclose certified copies of the documentary proof/ evidence to substantiate the corresponding statement wherever necessary and applicable. Bidder's wrong or misleading information shall be treated as a violation of the Code of Integrity. Such Bids shall be liable to be rejected as nonresponsive, in addition to other punitive actions provided for such misdemeanours in the Tender Document.

(Please tick appropriate boxes or strike out sentences/ phrases not applicable to you)

1) Bidder/ Contractor particulars:

- (a) Name of the Company:.....
- (b) Corporate Identity No. (CIN):
- (c) Registration, if any, with The Procuring Entity:
- (d) GeM Supplier ID (if registered with GeM, it is mandatory at the time of placement of Contract)
- (e) Place of Registration/ Principal place of business/ manufacture
- (f) Complete Postal Address:
- (g) Pin code/ ZIP code:
- (h) Telephone nos. (with country/ area codes):
- (i) Mobile Nos.: (with country/ area codes):
- (j) Contact persons/ Designation:
- (k) Email IDs:

Company's Legal Status
(tick on appropriate option)

- 1) Limited Company
- 2) Undertaking
- 3) Joint Venture
- 4) Partnership
- 5) Others

Company Category

- 1) Micro Unit as per MSME
- 2) Small Unit as per MSME
- 3) Medium Unit as per MSME
- 4) Ancillary Unit
- 5) SSI
- 6) Others

2) Taxation Registrations:

PAN number:

Type of GST Registration as per the Act (Normal Taxpayer, Composition, Casual Taxable Person, SEZ, etc.):

GSTIN number:in Consignor and Consignee States

Registered/ Certified Works/ Factory where the Goods would be mainly manufactured and Place of Consignor for GST Purpose:

Contact Names, Nos. & email IDs for GST matters (Please mention primary and

secondary contacts):

☐ We solemnly declare that our GST rating on the GST portal/ Govt. official website is not negative/ blacklisted.

Documents to be submitted: Self-attested Copies of PAN card and GSTIN Registration.

3) Authorization of Person(s) signing the bid on behalf of the Bidder

Full Name: _____

Designation: _____

Signing as: _____

☐ A sole proprietorship firm. The person signing the bid is the sole proprietor/ constituted attorney of the sole proprietor,

☐ A partnership firm. The person signing the bid is duly authorised being a partner to do so, under the partnership agreement or the general power of attorney,

☐ A company. The person signing the bid is the constituted attorney by a resolution passed by the Board of Directors or in pursuance of the Authority conferred by Memorandum of Association.

Documents to be submitted: Registration Certificate/ Memorandum of Association/ Partnership Agreement/ Power of Attorney/ Board Resolution

4) Bidder's Authorized Representative Information

Name:

Address:

Telephone/ Mobile numbers:

Email Address:

(Signature with date)

.....

(Name and designation)

Duly authorized to sign bid for and on behalf of

[name & address of Bidder and seal)

DECLARATION REGARDING CLEAN TRACK/NO LEGAL ACTION

(to be provided on letter head of the firm)

I hereby certify that the above firm namely _____ is neither blacklisted by any Central/State Government/Public Undertaking/Institute nor any criminal case registered / pending against the firm or its owner / partners anywhere in India (or) against any of its branches (or) partners abroad.

I also certify that the above information is true and correct in any every respect and in any case at a later date it is found that any details provided above are incorrect, any contract given to the above firm may be summarily terminated and the firm blacklisted.

Date:

Authorized Signatory

Name:

Place:

Designation:

Contact No.:

QUOTATION FORMAT

Ref : IISER Berhampur, NIQ No. _____ Dt. _____

Name of the Firm: _____ Name of Proprietor _____

Address _____

Quotation No. _____ Dt. _____

Mob No. _____

E-Mail: _____

GSTN. _____

Registration /License No. _____

PAN No. _____

Brief description of the material to be supplied: -

Sl.	Description of item	Qty	Unit Price	GST %	Total cost with GST
I.	Encoded stereo zoom microscope with Fusion Optics and photomicrography system	01			
II.	Encoded stereo zoom microscope with Fusion Optics	01			
III.	Petrological Microscope with TL + RL with Trinocular POL Tube and high-resolution photomicrography and Image analysis system	01			
	Total				
Total in words:					

(a) All above prices are F.O.R. IISER Berhampur.

(b) 100% payment shall be made against satisfactory, delivery and successful installation & commissioning of the equipment subject to submission/ extension of S.D. of 5% of Purchase order value in form of D.D. / B.G valid till 60 (sixty) days beyond the Warranty period.

(c) Validity of quotation _ days (d) Delivery period _____ (days/weeks)

(e) Warranty details _____

(f) Bank Account Details: Name of A/c Holder _____

Bank Name _____ A/c No. _____

IFSC _____

Certified that I Hereby accepted all terms and conditions of NIQ under reference.

Sign & Seal of the firm**Date:** _____

MANDATE FORM FOR INSTITUTE REVENUE ACCOUNT

1	PFMS unique code	ORGN00013874
2 (i)	Agency Name (Name of the Institute)	Indian Institute of Science Education and Research Berhampur
2 (ii)	Agency Type (statutory Bodies/Autonomous/NGO/Society etc)	Registered Societies Act (Government Autonomous Body)
2 (iii)	Hierarchy of Agency (Central/State/District/Block/Tahsil/Panchayat/Village)	Central
2 (iv)	Act/Registration No	GJMNO 8628-08
2 (v)	Date Of Registration	18-10-2016
2 (vi)	Registering Authority	Society Registration Act (XXI of 1860)
2 (vii)	State of Registration	Odisha
3	TIN No	-
4	TAN No	BBNI01150C
5	Complete Contact Address of the Agency	
5(i)	Block No/Building/Name of Premises	ITI premises, NH_59, Berhampur, Ganjam, Odisha-760010
5(ii)	Road/Street/Post office	Engineering school road, NH-59
5(iii)	Area/Locality	Berhampur
5(iv)	City/District	Berhampur
5(v)	State	Odisha
5(vi)	Pin code	760010
6	Contact person	Swarup Narayan Behera
6(i)	Designation	Assistant Registrar
6(ii)	Phone Number (Land Line)	0680-2227783
6(iii)	Alternate Phone No/Mobile No	8763258390
6(iv)	Official E-mail address	fna@iiserbpr.ac.in
7	Bank account detail	
7(i)	Institution's Account Name	IISER BERHAMPUR REVENUE ACCOUNT
7(ii)	Account No	37927733884
7(iii)	IFSC code	SBIN0000033
7(iv)	Bank Name (in full)	State Bank Of India
7(v)	Branch Name	Berhampur Main Branch
7(vi)	Branch Address	Utkal Ashram Road, Berhampur-760001
7 (vii)	Account Type	Current

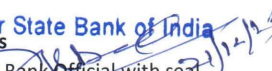
Certified that the Institute's account is an RTGS/ECS/NEFT enabled branch. I hereby declare that the particulars given above are correct and complete. The above Agency's Account No. and bank details are registered/mapped under PFMS.

Date: - Dec 21, 2023


 Swarup Narayan Behera
 Assistant Registrar (F&A)
 भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान बरहमपुर
 Signature of the Competent Authority
 of the Agency with seal IISER BERHAMPUR

Certified that the particulars furnished above are correct as per our records

Date: - Dec 21, 2023


 For State Bank of India
 Signature of the Authorised Bank Official with seal
 Asst. Gen. Manager
 Berhampur, Ganjam (0033)