



CSIR-NML

सीएसआईआर - राष्ट्रीय धातुकर्म प्रयोगशाला

(सीएसआईआर की एक संघटक प्रयोगशाला, विज्ञान एवं प्रौद्योगिकी मंत्रालय)

भारत सरकार, बर्मागिंस, जमशेदपुर - 831007, झारखंड (भारत)

CSIR-National Metallurgical Laboratory

(A Constituent Laboratory of CSIR, Ministry of Science & Technology)

Govt. of India, Burmahmains, Jamshedpur - 831 007, Jharkhand (India)

PURCHASE ORDER

M/s. DHR HOLDING INDIA PVT. LTD., (INDIAN AGENT OF M/s. LEICA MIKROSYSTEME VERTRIEB GMBH, GERMANY) D8-11, GROUND FLOOR, BHUMI WORLD INDUSTRIAL PARK, MUMBAI – NASHIK HIGHWAY, OPPOSITE TATA AMANTRA, PIMPLAS, BHIWANDI, PIN – 421302	P.O. No.	P/NC/205/MS/SM/GEM/24-25
	Date	12-08-2026
	Subject	Purchase Order
	Ref.:-	1. CSIR-NML Tender Enquiry No. P/NC/205/MS/SM/GEM/24-25 published in Gem-CPP Portal on 16.07.2025. TENDER ID : 2025_CSIR_241556_1. 2. Quotation Ref. No. - QU-1039076 dt. 03.08.2025. 3. Email dt. 05.03.2026 and 29.07.26.

Dear Sir,

I am directed to inform you that after evaluating the bid documents and subsequent correspondence submitted by you as referred above, the Director, CSIR-NML, Jamshedpur is pleased to inform you that you have been selected as the successful bidder (L1) for the **SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF TRINOCULAR OPTICAL STEREO ZOOM MICROSCOPE SYSTEM**. The total purchase price including Comprehensive AMC for 3 Years shall be ₹ 70,09,200.00 as indicated in your financial bid, in accordance with the procedures intimated in the relevant bid documents.

Accordingly, you are requested to kindly arrange for execution of the Contract for **SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF TRINOCULAR OPTICAL STEREO ZOOM MICROSCOPE SYSTEM** within the delivery period. Please apply for refund of EMD if deposited by you with proper documentary evidence.

COST OF EQUIPMENT

SL. NO.	DESCRIPTION	UNIT PRICE	QUANTITY	TOTAL PRICE
1.	Basic cost of Trinocular Optical Stereo Zoom Microscope System (Technical Specification attached at Annexure-I)	₹ 54,00,000.00	01 (One) unit	₹ 54,00,000.00
2.	Inland Transportation and Insurance Charges			Included
3.	Installation, Commissioning and Training Charges			Included
4.	GST @ 18%			₹ 9,72,000.00
TOTAL F.O.R PRICE UP TO CSIR-NML JAMSHEDPUR INCLUDING INSTALLATION, COMMISSIONING, TRAINING AND ALL INCIDENTAL SERVICES				₹ 63,72,000.00

COST OF COMPREHENSIVE AMC FOR 3 YEARS

1.	Basic cost of Comprehensive AMC for 1 st Year	₹ 1,70,000.00
2.	GST @ 18% on basic cost of 1 st Year AMC	₹ 30,600.00
3.	Basic cost of Comprehensive AMC for 2 nd Year	₹ 1,80,000.00
4.	GST @ 18% on basic cost of 2 nd Year AMC	₹ 32,400.00
5.	Basic cost of Comprehensive AMC for 3 rd Year	₹ 1,90,000.00
6.	GST @ 18% on basic cost of 3 rd Year AMC	₹ 34,200.00
TOTAL COMPREHENSIVE AMC CHARGES FOR 3 YEARS		₹ 6,37,200.00

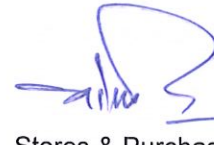
TOTAL CONTRACT VALUE

1.	TOTAL FOR CSIR-NML Price	₹ 63,72,000.00
2.	TOTAL COMPREHENSIVE AMC CHARGES FOR 3 YEARS	₹ 6,37,200.00
TOTAL FOR-CSIR-NML COST INCL. INSTALLATION, COMMISSIONING, TRAINING CHARGES AND COMPREHENSIVE AMC CHARGES FOR 3 YEARS		₹ 70,09,200.00

This Contract/Purchase Order shall be governed by:-

- (1) General Conditions of Contract and Special Conditions of Contract as detailed in the Bid Document and
- (2) Special Conditions of Contract enclosed with this Purchase Order.

The Order Acknowledgement must be submitted immediately and in any case, within 07 days from the date of placement of this Purchase Order. The Order Acknowledgement shall be made on letterhead of the firm mentioning detailed technical specifications as per Quotation and shall also contains declaration towards acceptance of all the terms & conditions of the Purchase Order.

 13/08/26

Stores & Purchase Officer

For & on behalf of the Council of Scientific & Industrial Research

Enclo:

1. Annexure-I (Technical Specifications)
2. Annexure-II (Acceptance Certificate Form)
3. Annexure-III (Format of Performance Bank Guarantee)

Explanations

The following words and expressions used in this Tender Document shall have the meanings hereby assigned to them:

Purchaser	Means CSIR-NATIONAL METALLURGICAL LABORATORY, BURMA MINES, JAMSHEDPUR, JHARKHAND - 831007
Manufacturer/Supplier	Means M/s. LEICA MIKROSYSTEME VERTRIEB GMBH, Germany
Indian Agent	M/s. DHR HOLDING INDIA PVT. LTD., Mumbai

1.	Delivery Term	FOR NML Jamshedpur (Door delivery at Warehouse, CSIR-NML, Jamshedpur)
2.	Purchase Order Value / Contract Price	₹ 70,09,200.00 (INR SEVENTY LAKHS NINE THOUSAND TWO HUNDRED ONLY)
3.	Transportation / Despatch	The ordered goods shall be delivered by Supplier at Warehouse of CSIR-NML, Jamshedpur and duly insured on warehouse to warehouse basis covering all the risks including SRCC and unloading at destination site.
4.	Payment	Payment shall be made in currency of the Contract in the following manner: Payment of EQUIPMENT shall be made in INR :- i. 80% (Eighty percent) of the contract price of all the ordered goods delivered shall be released by RTGS within 30 days of complete delivery and inspection at CSIR-NML (final destination). ii. 20% (Twenty percent) of the contract price of all the ordered Goods received and accepted shall be paid to the Supplier by RTGS within thirty (30) days of installation, commissioning and acceptance of all the ordered goods and services upon submission of claim supported by the acceptance certificate issued by the Purchaser. Payment terms of AMC for 03 (THREE) Years (Comprehensive in nature):- AMC Charges shall be paid on Yearly basis through RTGS within 30 days after completion of each AMC year subject to satisfactory service certificate given by the concerned user and against submission of bills.
5.	Annual Maintenance Contract	Consecutive 03-YEARS Comprehensive AMC (02 Preventive + 01 Breakdown visit annually) for equipment to be started immediately after expiry of warranty period. The services towards 2 nos. of Preventive Maintenance will be carried out in equal spaced interval during each AMC Year and 01 no. of Breakdown Maintenance visit will be carried out as and when required during each AMC Year. In the event of any breakdown, the Supplier shall attend to the complaint and depute its service personnel within five (05) working days from the date of notification by the Purchaser.
6.	Banking Charges	All bank charges abroad shall be to the account of the beneficiary i.e. supplier and all bank charges in India shall be to the account of the purchaser.
7.	Performance Security	The Supplier shall furnish Performance Security for 3% of the contract price excluding AMC Charges, i.e. ₹ 1,91,160.00 within 21 days of receipt of the notification of award/PO . Other details of Performance Security are detailed at GCC Clause 2.13 of our tender document.
8.	Port of Shipment	By Road.
9.	Road Permit / eWaybill	eWaybill will not be provided by CSIR-NML.
10.	Warranty	03 (THREE) YEAR(S) on-site comprehensive warranty from the date of completion of successful Installation, Commissioning, Training and completion of all contractual obligations to the entire satisfaction of this Institute (Purchaser).

11.	Pre-installation visit	Firm's engineer will make the inspection for site readiness prior to shipment to expedite the installation.
12.	Installation & Commissioning	Installation and commissioning of the equipment will be completed by the firm's engineers including acceptance test at site within 10 DAYS from the date of supply of goods. Supplier must submit original Installation Certificate on their letterhead indicating date of completion of Installation & Commissioning duly signed & stamped by Service Engineer and user of CSIR-NML. The supplier and user of CSIR-NML shall jointly fill-up Acceptance Certificate Form (Attached at Annexure-II) on completion of Commissioning of the equipment. Delay beyond the prescribed period in completion of contractual obligations will attract the imposition of Liquidated Damage Clause as mentioned in this tender document.
13.	Delivery period / Shipment Period	The supplier shall deliver the goods at Transit Stores Section, CSIR-NML, Jamshedpur within 06 (SIX) MONTHS from the date of issuance of the Purchase Order. Denial Clause (over and above levy of Liquidated Damage): any increase in statutory duties and / or upward rise in prices due to the PVC (Price Variation Clause) clause and / or any adverse fluctuation in foreign exchange are to be borne by the seller during the extended delivery period, while the purchaser reserves the right to get any benefit of a downward revisions in statutory duties, PVC and foreign exchange rate. Except as provided under the Force Majeure clause, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of penalty pursuant to Penalty Clause unless an extension of time is agreed upon pursuant to above clause without the application of penalty clause.
14.	Training	It should be imparted to Three (03) person(s) for Five (05) day(s) days to the purchaser at purchaser's premises. It should be completed as per schedule mentioned under installation and commissioning.
15.	Acceptance	Supply of goods as per PO.
16.	LD Clause	It will be applicable for delay in delivery / shipment, installation, commissioning and completion of all contractual obligations beyond deadlines as mentioned in the PO.
17.	Certificate for effecting payment	Firm will submit the installation and acceptance certificate indicating the completion of Installation, Commissioning & Training as well as duly signed by the user of CSIR-NML alongwith Invoice for effecting the payment.

 13/08/26

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For & on behalf of the Council of Scientific & Industrial Research

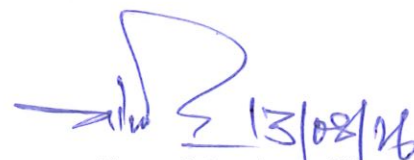
SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

SCC 1.	The Purchaser is: Director, CSIR-NATIONAL METALLURGICAL LABORATORY, BURMA MINES, JAMSHEDPUR, JHARKHAND - 831007
SCC 2.	The Supplier is: M/s. DHR HOLDING INDIA PVT. LTD., Mumbai The Manufacturer is : M/s. LEICA MIKROSYSTEME VERTRIEB GMBH, Germany
SCC 3.	Final Destination: CSIR-NATIONAL METALLURGICAL LABORATORY, BURMA MINES, JAMSHEDPUR, JHARKHAND - 831007
SCC 4.	Order Acknowledgement/Confirmation: The Order Acknowledgement must be submitted immediately and in any case, within 07 days from the date of placement of this Purchase Order. The Order Acknowledgement shall be made on letterhead of the firm mentioning detailed technical specifications as per Quotation and shall also contains declaration towards acceptance of all the terms & conditions of the Purchase Order.
SCC 5.	Performance Security: The Supplier shall furnish Performance Security for 3% of the contract price excluding AMC Charges, i.e. ₹ 1,91,160.00 within 21 days of receipt of the notification of award/PO. Other details of Performance Security are detailed at GCC Clause 2.13 of our tender document.
SCC 6.	Delivery / Shipment : The successful bidder shall deliver the goods at Transit Stores Section, CSIR-NML, Jamshedpur within 06 (SIX) MONTHS from the date of issuance of the Purchase Order. Denial Clause (over and above levy of Liquidated Damage): any increase in statutory duties and / or upward rise in prices due to the PVC (Price Variation Clause) clause and / or any adverse fluctuation in foreign exchange are to be borne by the seller during the extended delivery period, while the purchaser reserves the right to get any benefit of a downward revisions in statutory duties, PVC and foreign exchange rate. Except as provided under the Force Majeure clause, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of penalty pursuant to Penalty Clause unless an extension of time is agreed upon pursuant to above clause without the application of penalty clause.
SCC 7.	Part supply will not be accepted.
SCC 8.	The country of origin of the Goods is GERMANY
SCC 9.	The port of shipment of the Goods is By Road.
SCC 10.	The mode of shipment: By Road.
SCC 11.	Pre-installation visit Firm's engineer will make the inspection for site readiness prior to shipment to expedite the installation. Installation & Commissioning: Installation and commissioning of the equipment will be completed by the firm's engineers including acceptance test at site within 10 DAYS from the date of supply of goods. Supplier must submit original Installation Certificate on their letterhead indicating date of completion of Installation & Commissioning duly signed & stamped by Service Engineer and user of CSIR-NML. The supplier and user of CSIR-NML shall jointly fill-up Acceptance Certificate Form (Attached at Annexure-II) on completion of Commissioning of the equipment. Delay beyond the prescribed period in completion of contractual obligations will attract the imposition of Liquidated Damage Clause as mentioned in this tender document.

SCC 12.	Training: It should be imparted to Three (03) person(s) for Five (05) day(s) to the purchaser at purchaser's premises. It should be completed as per schedule mentioned under installation and commissioning.
SCC 13.	Inspection and Tests:- The Inspection tests prior to shipment of goods and at final acceptance at buyer's site. After the goods are manufactured and assembled, inspection and testing of the goods shall be carried out at the Supplier's plant by the Supplier prior to shipment to check whether the goods are in conformity with the technical specifications. Manufacturers Test Certificate with data sheet shall be issued to the effect and submit alongwith delivery documents. The acceptance test will be conducted by the Purchaser, their consultant or other such person nominated by the Purchaser at its option after the equipment is installed at Purchaser's site in the presence of supplier's representatives. The acceptance will involve trouble free operation. There shall not be any additional charges for carrying out acceptance test. No malfunction, partial or complete failure of any part of the equipment is expected to occur. The Supplier shall maintain necessary log in respect of the result of the test to establish to the entire satisfaction of the Purchaser, the successful completion of the test specified. In the event of the ordered item failing to pass the acceptance test, a period not exceeding two weeks will be given to rectify the defects and clear the acceptance test, failing which, the Purchaser reserve the right to get the equipment replaced by the Supplier at no extra cost to the Purchaser. Successful conduct and conclusion of the acceptance test for the installed goods and equipment shall also be the responsibility and at the cost of the Supplier. Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance Manuals together with Drawings of the goods and equipment built. These shall be in such details as will enable the Purchase to operate, maintain, adjust and repair all parts of the works as stated in the specifications. The Manuals and Drawings shall be in the ruling language (English) and in such form and numbers as stated in the Contract. Unless and otherwise agreed, the goods and equipment shall not be considered to be completed for the purposes of taking over until such Manuals and Drawing have been supplied to the Purchaser. On successful completion of acceptability test, receipt of deliverables, etc. and after the Purchaser is satisfied with the working of the equipment, the acceptance certificate signed by the Supplier and the representative of the Purchaser will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the equipment.
SCC 14.	Packing: Please refer to Special Conditions of Contract (SCC) of our tender document.
SCC 15.	Shipping and other Documents : Please refer to Special Conditions of Contract (SCC) of our tender document.
SCC 16.	Mode of dispatch: In case of supplies from within India, the mode of transportation shall be by Road. In case of supplies from abroad, the mode of transportation shall be by Sea.
SCC 17.	Insurance: The Insurance in respect of goods to cover all risks including SRCC and unloading of goods at delivery site upto final destination shall be borne by Supplier at its own costs.

SCC 18.	Warranty: 03 (THREE) YEAR(S) on-site comprehensive warranty from the date of completion of successful Installation, Commissioning, Training and completion of all contractual obligations to the entire satisfaction of this Institute (Purchaser). Other details of Warranty are detailed at GCC Clause 2.21 of our tender document read with relevant SCC.
SCC 19.	Payment : <u>Payment of EQUIPMENT shall be made in INR :-</u> 80% (Eighty percent) of the contract price of all the ordered goods delivered shall be released by RTGS within 30 days of complete delivery and inspection at CSIR-NML (final destination). 20% (Twenty percent) of the contract price of all the ordered Goods received and accepted shall be paid to the Supplier by RTGS within thirty (30) days of installation, commissioning and acceptance of all the ordered goods and services upon submission of claim supported by the acceptance certificate issued by the Purchaser. <u>Payment terms of AMC for 03 (THREE) Years (Comprehensive in nature):-</u> AMC Charges shall be paid on Yearly basis through RTGS within 30 days after completion of each AMC year subject to satisfactory service certificate given by the concerned user and against submission of bills.
SCC 20.	<u>Annual Maintenance Contract</u> Consecutive 03-YEARS Comprehensive AMC (02 Preventive + 01 Breakdown visit annually) for equipment to be started immediately after expiry of warranty period. The services towards 2 nos. of Preventive Maintenance will be carried out in equal spaced interval during each AMC Year and 01 no. of Breakdown Maintenance visit will be carried out as and when required during each AMC Year. In the event of any breakdown, the Supplier shall attend to the complaint and depute its service personnel within five (05) working days from the date of notification by the Purchaser.
SCC 21.	Liquidated Damages : Please refer to our tender document under GCC 2.27 read with the relevant SCC.



Stores & Purchase Officer

For & on behalf of the Council of Scientific & Industrial Research

From Eye to Insight

PRICE BID

Quotation # QU-1039076
Date : 03/08/2025

To
THE DIRECTOR
CSIR-NATIONAL METALLURGICAL LABORATORY BURMA MINES,
JAMSHEDPUR - 831 007 JHARKHAND, INDIA

ATTN: STORES & PURCHASE OFFICER

Your Tender Reference : P/INC/205/MS/SM/GEM/24-25 Dated 16/07/2025, Due on 14/08/2025

SUBJECT : SUPPLY, INSTALLATION & COMMISSIONING OF TRINOCULAR OPTICAL STEREO
ZOOM MICROSCOPE SYSTEM WITH PHOTOGRAPHIC ATTACHMENT

Respected Sir/Madam,

We do hereby please to submit the technical bid in comply to the technical specification published in the above mentioned tender. Hope the quoted model will be evaluated in respect of specified asked in the NIT.

(A) QUOTATION For TRINOCULAR STEREOZOOM MICROSCOPE WITH FLUORESCENCE
AND FOR TRANSMITTED LIGHT & REFLECTED LIGHT ILLUMINATION WITH DIGITAL
CAMERA AND DOCUMENTATION SYSTEM

Sec	Part #	Description	Qty
(A)	Model: M205 FCA	Fluorescence Stereomicroscopes M205FCA Leica M205 FCA Stereomicroscope with Fluorescence - Features and Benefits : - Triple Beam Illumination design, with excitation illumination along a 3rd zoom optical path providing enhanced emission signal contrast by elimination of optical reflexes found with designs where the optical paths share both excitation and emission light. - Magnification Range with 1.0x main objective and 10x eyepieces 7.8-160x - Maximum Resolution with 1.0x main objective 524 lp/mm - Four Position Motorized & Encoded Fluorescence Filter Turret - Manual Zoom Control with coded magnification readout for measurements, imaging scaling and TL5000 Ergo Base in automated contrast mode. - Engageable Click Stops for predefined magnification steps - Manual Iris Diaphragm with coded readout for repeatable depth of field settings. - Manual FL Shutter. - Requires 10447399 Coupler for 3mm Liquid Light Guides. - Suggested Fluorescence Light Source Leica EL 6000 11504115, Liquid Light Guide 2m 11405116, and Shutter Control Cable USB 11500331 for shutter control within LAS X software. - Other Fluorescence light sources are available, ask your representative. - Includes manual on CD/DVD - Accessories: - Programmable Footswitch 10447398; or SmartTouch Controller 10450052 to control the FL Filter Turret. -	01

Leica Microsystems - A Division of DHR Holding India Pvt. Ltd., 3rd Floor, B-wing, Art Guild House, Phoenix Market City, LBS Road, Kurla (West), Mumbai - 400 070. Tel.: +91-22-6848 7000 Fax: 022 - 68487199 Email: contact.india@leica-microsystems.com

REGIONAL OFFICES AT:

Delhi - 011 66544900, Kolkata - 033 66376150, Hyderabad - 040 49145671, Bangalore - 080 23230912, Chennai - 044 4028 2654 www.leica-microsystems.com

STORES & PURCHASE OFFICER

From Eye to Insight



		Available 2-Place Coded Nosepiece 10450207 for use with parfocal Plan Apo Objective Series: 0.63x, 1x, 1.6x, 2x, M65 Objective Mounting Thread - Available Fluocombi Stereo/Macro Nosepiece 10450046 for use with parfocal Plan Apo Objectives and Z Apo 5x/0.5 macro objective 10447243, provides magnifications up to 640x with 10x Eyepieces. Appropriate Fluocombi Dichroic Mirror also required. - Manual Coarse/Fine Focus Column 10450504 or 10450505 - Motorized Focus Column 10450502 or 10450503 with Handwheel 10450298 or SmartTouch 10450052 - Country specific power cords required.	
OPTICS CARRIER & OPTICAL ACCESSORIES			
10	10450826	Leica M205 FCA optics carrier Leica M205 FCA optics carrier with zoom magnification changer 20.5:1 - Click stop zoom settings - Triple Beam TM: Separate illumination beam path for fluorescence - Four position fluorescence filter turret - Coded functions: magnification, fluorescence filter and iris diaphragm - Apochromatic corrected optics - Parfocal planapochromat objectives: 0.63x, 1x, 1.6x, 2x - Objective thread M65	01
20	10450904	CAN to RS232 cable Controls EL6000 shutter from stereo CAN interface.	01
30	11525221	Cable RS232 to BNC Cable RS232 to BNC Adapter cable for use with 11500331 (Shutter cable EL6000 for DM(i) 4000 - 6000B or 11500336 (Shutter cable EL6000 for DMi8). Connects BNC triggerable light sources with iC connectors on the microscope to shutter external light sources.	01
40	33002014	Serial ext. cable 9-pole female/male Standard Serial cable 9-pole female/male	01
MICROSCOPE EYEPIECES			
50	10450910	Eyepiece 10x/23B, adjustable, 3d gen "Wide angle eyepiece for eyeglass wearers 10x/23B, distortion-free, diopter adjustable, with changeable eyecup"	02
60	10450631	Eyepiece 16x/15B, adjustable, 2nd gen Eyepiece 16x/15B, diopter adjustable, wide-field eyepiece for spectacle wearers, designed for using graticules, with exchangeable soft eyecups	02
RETICULES & GRATICULES			
70	10450116	Reticule 5mm/0.05mm 24.5mm diameter-mounted for M-Series eyepieces	01
80	10450117	Graticule 10mm/0.1mm	01

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From Eye to Insight



		24.5mm diameter-mounted for M-Series eyepieces	
90	10450119	Crosshair reticule 24.5mm diameter-mounted for M-Series eyepieces	01
MICROSCOPE TUBE			
100	10450044	Trinocular ErgoTube 100% M-series Trinocular ErgoTube 100 % M-series - Variable observation angle 5°-45° - Beampath switchable 100% camera or 100% eyepieces - Interpupillary distance 50-105 mm - Combined tube for observation and photography - For High-end stereo microscopes - Low viewing height - Improved viewing conditions for photographing in combination with optional accessories	01
OBJECTIVES			
110	10450028	Objective Planapo 1.0x M-series Objective Planapo 1.0x M-series - Working distance 61.5 mm - Connection thread M65 - 80 mm external diameter for ring light illumination or accessories	01
120	10450029	Objective Planapo 1.6x M-series Objective Planapo 1.6x M-series - Working distance 30.5 mm - Connection thread M65 - 80 mm external diameter for ring light illumination or accessories	01
130	10450030	Objective Planapo 2.0x M-series Objective Planapo 2.0x M-series - Working distance 20.1 mm - Connection thread M65 - 85 mm external diameter	01
140	10446157	Objective Plan 0.5x M-series Objective Plan 0.5x M-series - Working distance 139 mm - Connection thread M65	01
150	10450065	Analyser Analyzer in revolving mount, for planachromatic and planapochromatic objectives f	01
MICROSCOPE STAND, TRANSMITTED AND REFLECTED LIGHT BASES			
160	10450505	Focus drive coarse/fine long 620mm M-s Focus drive coarse/fine long 620mm M-series - Suitable for all incident and transmitted light bases - Max. load 15kg - USB interface and 3 CAN connectors to interface accessories e.g. LED5000 illumination series	01
170	10450052	SmartTouch TM control unit SmartTouch TM control unit for high-end stereo Microscopes - To control functions of motorized instruments like zoom, iris diaphragm, fluorescence filter turret, shutter, Fluorescence Intensity	01

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		Manager FIM, motor focus, focus speed (corresponding to magnification), IsoPro XY stage - Memory functions, store and recall of settings - Visualize current setting of encoded instruments	
180	10450246	FL adapter column on TL Bases Fluo Adapter between column and transmitted light base - For M205 FA and M165 FC fluorescence stereo microscopes	01
190	10450541	Leica TL5000 Ergo Transmitted Light Base Leica TL5000 Ergo Transmitted Light Base with Rottermann Contrast TM, brightfield and two sided darkfield - Rottermann Contrast TM shows changes in the refractive index within a sample as differences in brightness - Almost transparent specimens can be viewed as spatial, relief-like images, Rottermann Contrast TM technique is based on partial illumination, created by an aperture located in the beam path between the light source and the specimen - Fast full automated and reproducible contrasting if used in combination with a coded optic carrier (M165C/FC, M205C/A/FA, Z6 APO A, Z16 APO A) - Constant contrasting within the complete magnification range, via automatic adaptation of the aperture position, depending on the microscope magnification (Brightfield and Rottermann Contrast TM mode) - Illuminated object field diameter 65 mm (brightfield), 40mm (darkfield) - Homogenous LED illumination with an intensity independent constant color temperature (close to daylight) - LED light source with 30.000 hours life time - Flat ergonomic design - Shutter, contrasting mode, aperture and light intensity can be controlled via software or external controller unit - The last used settings for each contrast mode (brightfield, Rottermann Contrast TM and darkfield) are stored in the base - includes transparent glass stage plate 170 x 220 mm - AntiShock feet	01
200	10450565	Pol Filter Polarisation filter - 72 mm diameter 2 mm thickness - for Leica TL3000 & TL5000 Ergo transmitted light base	01
210	10450057	Clear glass stage for TL bases 220x170mm Clear glass stage for TL bases - For transmitted light bases - Dimensions 220 x 170 x 4 mm - 8.5 mm radius at edges Note: Remove blue plastic protection film before using.	05
220	10446302	Rotatable pol. stage, 120 mm Rotatable pol. stage, 120 mm, - Centerable rotatable polarisation stage with built-in polarizer	01

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		- Clear glass stage plate - Prepared for xy carrier and Lambda plate (both not included) - Interface 120 mm	
230	10361719	Sensitive-tint plate f. rot. pol.-stage sensitive tint plate, foil, in rotatable mount for centrable rotatable polarisation stage	01
240	10382130	Mechanical stage for rot. pol. Stage.	01
250	10450127	Manual IsoPro 6x4" XY stage Manual IsoPro 6x4" XY stage (9.6 x 14.7 inch) (24.4 x 37.4 cm) - Travel range of 6x4 inch (15.24 x 10.16 cm) - Max weight 0.5 kg - Includes a transparent glass stage plate (170 x 220 mm)	01
260	10450623	XY-stage adapter for TL5000 Ergo XY-stage adapter for Leica TL5000 Ergo 10450541 transmitted light base	01
270	10447276	Intermediate plate f. 120 mm accessories Intermediate plate f. 120 mm accessories - Intermediate plate for the transmitted light bases - For accessories with 120 mm interface - Size 170 x 220 mm	01
280	10447057	Stage plate b/w, 120 mm Stage plate b/w, 120 mm - Black and white stage plate - 120 mm diameter	01
CAMERA AND C-Mount			
290	11547114	Leica K3C Leica K3C A 6.3 MP color camera that delivers a well-balanced feature set with high frame rates, good dynamic range and true color reproduction for life science and industry applications. It's ideal for imaging samples like tissue and cells as well as cleanliness, metal alloys, especially steel and forensics. - color CMOS sensor - Pixel size 2.4 µm x 2.4 µm - Color filter RGB (Bayer) - Color depth 3x12 bits - Exposure time 1 ms - 1 s - Dynamic range >72 dB - Fast live image 3072 x 2048 pixel with up to 15 frames per sec (software-triggered and depending on the bit depth, exposure time and PC performance) - Gain 1x - 251x - Supported operating systems Win10 Recommended c-mount adapters: Stereo Microscope: 0.50x No 10450528 Compound Microscope: 0.55x No: 11541544 Interface: USB3	01

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STORES & PURCHASE OFFICER

From Eye to Insight



		The K3C camera kit includes camera head, USB3 cable with screw-lock connectors, DVD with instruction for use, and a quick start guide.	
300	11540528	Video Tube 0.5x - for Trinoc- or Phototubes of Leica Stereos - for cameras with 1/2" sensors	01
310	12730495	USB3 PCI-express board (low profile) USB3 - PCI express card (Low Profile) with 2 standard connectors USB3 Type A	01
ILLUMINATION & FLUORESCENCE LAMP			
320	11504115	External light source EL 6000 Leica EL6000, alignment-free external lightsource with attenuator and fast shutter (cable for shutter control EL6000 I ² C NOT included 11500331). Including bulb, lifetime of bulb in average 2000h. For all Leica upright and inverted microscopes and stereo microscopes.	01
330	11504116	Liquid Light Guide for EL6000, 2m	01
340	10447399	Coupling for fluid light guide, EL6000 Coupling for fluid light guide, EL6000	01
350	10450494	Leica LED5000 RL-80/40 Leica LED5000 RL-80/40 ring light, 2. Generation, for 80 mm objectives, 40 Hi-Power LEDs, ca. 5600K color temperature, selectable segments, working distance 50-80 mm, Leica CAN bus connection, incl. 0.7 m CAN cable	01
360	10450548	Leica LED5000 SLI Leica LED5000 SLI, Spotlight illumination, 2-arm Gooseneck with 500 mm length, with 2 Hi-Power LEDs, ca. 5600K color temperature, 2x CAN bus connection, incl. 0.7 m CAN cable	01
370	10450267	RLA 80/66 mm (LED5000) RLA 80/66 mm, Adapter for accessories with inner diameter of 80 mm (LED5000 RL und HDI) to fit on 66 mm objective	01
380	10450205	Clamp-combi light guide - highend M-ser Clamp for combi light guides on focus drive for highend M-series, also for adaptation of LED5000 SLI	01
Fluorescence Filters & Mirror			
390	10450609	Filter set ET UV LP - M205FA/M165FC Filter set ET UV LP - M205FA/M165FC - excitation filter AT350/50x nm - emission filter ET420 nm LP	01
400	10447287	Dichr. mirror UV/DAPI - Fluo Combi III Dichr. mirror UV/DAPI - Fluo Combi III - dichroic beamsplitter 400 nm LP	01
ACCESSORIES			
410	10450287	Dust cover (40 x 35 x 75 cm), antistatic dust cover (photo) for stereomicroscopes or macroscopes with photomicrographic outfit or digital cameras, 40x35x75 cm (WxLxH) and for universal stand (800 mm column) Antistatic	01
420	11581124	Miniature vise, 75x25x25 mm	01

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From Eye to Insight



430	13613664	530nm Lambda Nosepiece Compensator 530nm Lambda Nosepiece Compensator	01
440	10450066	Quarter-wave plate, 80 mm diameter Quarter-wave plate, 80 mm diameter, quarter-wave plate in rotatable mount, M-series,	01
450	11553188	Quartz wedge in slider f. comp.-slot Quartz wedge 1st - 4th order	01
460	05	Stage micrometer f. RL, 1mm=100 div. Stage micrometer for incident light	01
470	11513106	Stage micrometer f. TL, 2mm=200 div. Stage micrometer for transmitted light	01
480	13613911	India power cord	03
SOFTWARE MODULES			
490	11640879	Dongle for LAS X optional modules Dongle is required to add additional modules to the LAS X Core module.	01
500	11640878	LAS X Core LAS X core software for widefield systems operates without the need for a dongle and offers the following functionality: For microscopes & cameras - Control of one or more compatible Leica DFC cameras for image acquisition - Full control of camera features exposure, gain, binning, gamma, region of interest - Leica Hardware Configurator, enabling configuration of compatible microscopes Experimental setup and user interface - Workflow oriented user interface for ease of use and ergonomics - Intuitive setup of experiment conditions for fast setup and acquisition - Optimized data handling for fast acquisition and large data set display - Automatic recording of experimental parameters for reference or reloading for subsequent experiments - Customized user and system settings - Configuration of objectives and filter cubes within LAS X - Easy Operation Mode for user specific layout of the user interface Viewing, organising and exporting data - Full image viewer including annotations, image overlay, image gallery and image comparison - Review capability for all acquisition parameters - Project tree for data management save, rename, copy, delete, export as Tiff, JPEG, QuickTime, AVI, MPEG-4, WMV, ASCII - Access to project conditions for export as XML or applying to another experiment Image Processing & Measurement: - Adjust contrast, brightness and gamma on every image - Merge, crop and image arithmetic	01

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STORES & PURCHASE OFFICER

From Eye to Insight

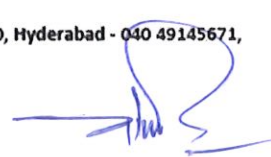


		- Intensity, length and area measurements - Measurement of area intensities through image stacks - Online measurement whilst displaying a live image - Parallax correction Modular Structure - Possibility to add additional application modules, fully integrated into core application - Additional modules will be protected by a hardware license key Additional components - Features context sensitive Help. Includes User Manual.	
510	11640559	LAS X Measurements Measurements is a LAS X software module designed to simplify the manual tasks involved in generating measurement parameters such as length, distance, area, perimeter, diameter and angles. All measurements are displayed in an interactive table and can be exported to excel or used to generate reports.	01
520	11640562	LAS X Live Image Builder XY LAS X "Live XY Image Builder" is developed for users of manual microscopes, enabling them to create high-quality images that are much larger and reveal more detail than a single field of view. The software automatically detects sample movement and smoothly extends the image without the need to click buttons to capture the image. The resulting image view dynamically grows giving instant feedback, saving time. Live Image Builder XY only works on images with bit depth of 8 and is not released for fluorescence applications.	01
530	11640558	LAS X 2D Analysis A workflow guides researchers step by step through 2D image analysis from applying filters, thresholding, and binary image processing to measurements, tracking, classification and reporting. The image viewer provides immediate feedback on the applied settings. Results are obtained easily, quickly, and reproducibly even on multi dimensional data sets like time series or Z stacks. Each analysis step offers a set of tools that the researcher can choose according to the analysis requirements. In addition, analysis protocols can be combined with ImageJ macros. The 2D tracking function display particle trajectories. Objects can be followed along their trajectories over time. Analysis workflows can be saved as a user-defined protocol and applied to other data sets. The analysis results can be saved with the experiment or exported as Excel reports together with histograms and images of intermediate steps for documentation or further analysis. For statistical purposes, users can analyze several data sets of experiments in one run, adding the data to a batch list. With the classifier function unbiased and reproducible classification results are obtained even in situations where thresholding or filtering is not suitable. The Classifier is based on a Support Vector Machine. First, a training data set is used ("supervised learning") where objects are manually assigned to predefined classes. During	01

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From Eye to Insight



		the subsequent training, numerical properties of various image feature are analyzed. The classifier can now be applied to further data sets in order to assign unknown objects to the predefined classes.	
540	11640873	LAS X Time-Lapse LAS X software module for Time-Lapse experiments on widefield systems. User interface for defining the duration and frequency of image capture. Includes Acquire Until Stop function and function to minimize the time interval. Automatic display of time series: image sliders for fast scrolling through large data sets.	01
550	XXXXXXXX	Local Supply : Branded Desktop workstation from Dell/HP/Lenovo or similar Intel processor of minimum 10 core or better, 4 TB HDD, 64 GB RAM, 1 TB SSD, 8 GB Graphic Card, Branded 24" 4K colour Monitor, 2KVA UPS, Colour Laser Printer, CD/DVD writer, USB Port, wireless internet connectivity resourced locally by M/s DHR Holding India Pvt Ltd	01
Total FOR destination price (excluding GST) – in INR			54,00,000.00
Add: GST@18%- in INR			9,72,000.00
Total FOR destination price (including all charges) – in INR			63,72,000.00

Description	Charges (without GST)	GST amount (@18% in INR)	Total cost in INR
Comprehensive AMC charges for 1st Year (after expiry of warranty period)	1,70,000.00	30,600.00	2,00,600.00
Comprehensive AMC charges for 2nd Year (after expiry of warranty period)	1,80,000.00	32,400.00	2,12,400.00
Comprehensive AMC charges for 3rd Year (after expiry of warranty period)	1,90,000.00	34,200.00	2,24,200.00

STORES & PURCHASE OFFICER

ACCEPTANCE CERTIFICATE FORM

No. _____

Dated: _____

M/s. _____

_____Sub: Certificate of commissioning of equipment

01. This is to certify that the equipment as detailed below has/have been received in good condition along with all the standard and special accessories (subject to remarks in Para 2). The same has been installed and commissioned.

- (a) Contract No. _____ Date _____
- (b) Description of the equipment _____
- (c) Name of the consignee _____
- (d) Scheduled date of delivery of the consignment to the Lab./Instts. _____
- (e) Actual date of receipt of consignment by the Lab./Instts. _____
- (f) Scheduled date for completion of installation/commissioning _____
- (g) Training Starting Date _____
- (h) Training Completion Date _____
- (i) Names of People Trained _____
- (j) Actual date of completion of installation/commissioning _____
- (k) Penalty for late delivery (at Lab./Instts. level) ₹ _____
- (l) Penalty for late installation (at Lab./Instts. level ₹ _____

Details of accessories/items not yet supplied and recoveries to be made on that account:

Sl. No.	Description	Amount to be recovered

02. The acceptance test has been done to our entire satisfaction. The supplier has fulfilled his contractual obligations satisfactorily

or

The supplier has failed to fulfil his contractual obligations with regard to the following:

- (a)
- (b)
- (c)
- (d)

The amount of recovery on account of failure of the supplier to meet his contractual obligations is as indicated at Sr. No. 3.

For Supplier

Signature

Name

Designation

Name of the firm.....

Date

For Purchaser

Signature.....

Name.....

Designation.....

Name of the Lab/Instt.....

Date.....

PERFORMANCE SECURITY FORM
MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY

To,

WHEREAS (name and address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance of contract No. datedto supply (description of goods and services) (herein after called "the contract").

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of (amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the day of, 20.....

(Signature of the authorized officer of the Bank)

.....

Name and designation of the officer

.....

Seal, Name & Address of the Issuing Branch of the Bank

Note: Whenever, the bidder chooses to submit the Performance Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.

