



GOVIND BALLABH PANT INSTITUTE

of

POSTGRADUATE MEDICAL EDUCATION & RESEARCH (GIPMER)

(Govt. of NCT of Delhi)

1, Jawahar Lal Nehru Marg, New Delhi-110002 (India)

(PURCHASE BRANCH)

F.No.598/PUR/Ultramicrotome/Pathology/GIPMER/08.11.18/54

Dated:


19/5/2021

Subject: Proposal for Procurement of "One (01) Ultra-microtome" for Pathology Department on Proprietary Basis from M/s Leica Microsystems and invitation of comments/objections w.e.t. proprietary nature of the equipment if any, thereof.

The G.B. Pant Institute of Postgraduate Medical Education & Research (GIPMER), New Delhi is in the process of procurement of **"One (01) Ultra-microtome" for Pathology Department on Proprietary Basis from M/s Leica Microsystems**. The proprietary article certificate (PAC) from the Principal Firm M/s Leica Microsystems as well as from the user department is attached herewith.

The above documents are being uploaded for open information to all principal manufacturers or their authorized distributor with the intention to invite objections with regard to proprietary nature of the said product if any.

The comments/objects if any, should be submitted to the Medical Superintendent, Room No.- 37 Ground Floor, A-Block, G B Pant Hospital, New Delhi- 110002 on or before 10.06.2021 upto 04:00 PM, failing which it will be presumed that no other bidder/manufacture/vendor is having any comments/objection against the proposition and the case shall be decided purely on merit.


Dr. Poonam S. Loomba
Chairperson of EPMC
GIPMER

Enclosures:

- Proprietary Article Certificate from the Principal Firm M/s Leica Microsystems.
- Proprietary Article Certificate from User Department duly signed by user faculty & head of Department.
- OEM Authorization Certificate of M/s Leica Microsystems.
- Performa Invoice/Quotation & Previous supply order copy for rate reasonability.
- Details brochure of the product from the Principal.

Copy to:

- HOD Pathology, GIPMER for information only

Living up to Life

267/c
Leica
MICROSYSTEMS

To,
Department of Pathology,
GB Pant Institute of Post Graduate Medical Education & Research,
1, J.L.Nehru Marg
New Delhi
110062
India

Dated: 17/02/2021

Quotation No: DHR/D/GBPIMER/RK/2020-21/0022

Subject: Quotation for Leica UC7 Ultramicrotome

Material	Description	Qty	NET TOTAL PRICE IN EURO
16705809	Leica EM UC7RT.basic instrument	1	
16705706	Instrument table with top 0.67 x 1.15 m	1	
16705861	Stereo microscope M50 complete	1	
16705860	IC90 E digital colour camera	1	
16705845	Trimming block	1	
16702635	Trimming adaptor f LEICA-specimen holder	1	
16701761	Universal specimen holder	1	
16700421	Knurled head Allen key, 3mm	1	
16DIA.DU3535	Diamond knife ultra 35° 3.5mm	4	
16706902	Leica EM KMR3 - Glass knifemaker	1	
16840031	Glass strips 6.4 x 400 x 25 mm, 30 pcs	49	
16840042	Trufs 6.4 mm, 500 pcs	1	
16840109	Dental Wax, 23 pcs	1	
16970230	Ultramicrotome accessories	1	
16DIA.DZ8	Perfect Loop EM set	6	
16655861401	UC7 Top light w. Spotlight	1	
16655813204	Back Light compl. w. conect	1	
	NET FINAL CIP PRICE NEW DELHI IN EURO		75,600.00
	BASIC C. DUTY + CLEARNACE CHARGES IN INR (Against valid C. Duty exemption certificate)		3,74,220.00
	GST @ 18 % (IGST / CGST+ SGST)		13,10,450.00

COMPREHENSIVE MAINTENCE COST FOR UC7		COST IN INR
1.	CMC for 1st year	2,82,000.00
2.	CMC for 2nd year	3,02,000.00
3.	CMC for 3rd year	3,22,000.00
4.	CMC for 4th year	3,42,000.00
5.	CMC for 5th year	3,62,000.00

Note: 1) C. Duty exemption certificate will be required at the time of clearance. In case of non availability of the certificate, full C.Duty will be charge.

Ergonomic chair (Qty – 2 No's) & Branded PC will be provided at the time of installation.

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Leica
MICROSYSTEMS

Terms and conditions:

Terms of delivery: FOR NEW DELHI IN EURO (Against valid C. Duty & Clearance Certificate)

Delivery: 4-6 weeks after receipt of payment or acceptance of Letter of Credit

Payment Term: 100% through letter of credit

Validity of Offer: 60 days.

Order to be placed on Leica Mikrosysteme Vertrieb GmbH, Ernst-Leitz-Strasse 17-37:

35578 Wetzlar, Germany

Banker details:

Bankers: Deutsche Bank AG, Frankfurt

Bank Number: BLZ 500 700 10

Account Number: 0410 480 00

SWIFT CODE: DEUT DE FF XXX IBAN: DE84 5007 0010 0041 0480 00

Warranty: Warranty for 60 months from the date of installation or 61 months from the date of Shipment whichever is earlier.

Country of Origin: Country(s) of Origin Certificate to be issued by Chamber of Commerce in Germany.

For Leica Microsystems (A Division of DHR Holding India Pvt. Ltd.)



Rohit Kandwal
Sales and Application Manager
Mob: 8800610008

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
G. B. PANT HOSPITAL, NEW DELHI

1-J. N. MARG, NEW DELHI

PROPRIETARY ARTICLE CERTIFICATE

Name of the Equipment..... Ultramicrostone Model UC-7

The Indented Goods are manufactured by

M/s. Leica Microsystems

No other make or model is acceptable for the following reasons :

- ① The ultramicrostone uc-7 has auto trim function which a proprietary function of this equipment and extremely important when dealing with small ^{bone} blocks in electron microscopy
- ② It has automatic approach function which is extremely important to protect diamond knives which are used for cutting EM sections

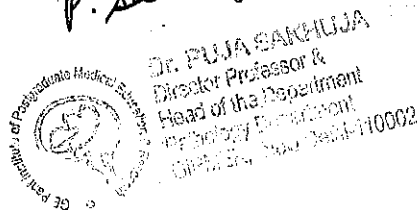
Concurrence of the finance wing to be proposed vide.....

Signature and Stamp of the Procuring Officer/H.O.D.

Dated :

1
Labels
16/2/21

P. Sachin



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**ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI-29.
STORES SECTION (DO)**

Ref. No. 17/Stores (DO)/EMF/PAC/2017-18/FSC

Dated 13.10.2017

Sub:- Purchase of Ultramicrotome and glass knife marker with accessories
for the department of EMF, (AIIMS), New Delhi-110 029, on proprietary basis
Inviting comments thereon.

The Institute is in the process to purchase **Ultramicrotome and glass knife marker with accessories** for the department of EMF, (AIIMS), New Delhi from **M/s. Leica Microsystems Vertrieb GmbH, DSA, Germany, through M/s. Leica Microsystems(Division of DHR Holding India Pvt. Ltd.), New Delhi** on proprietary basis. The PAC Certifications by M/s. Leica Microsystems as well as the user department are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference No. **17/Stores (DO)/EMF/PAC/2017-18/FSC**. The comments should be received in office of Stores Officer (DO), Store Section (DO), Animal House Building, Near Biotechnology Building at AIIMS on or before **29.10.2107** upto **12.30 p.m.**, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.


STORES OFFICER (FSC)

Encl: Related documents enclosed.

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Electron Microscope Facility
All India Institute of Medical Sciences
New Delhi - 110029.

To

03.06.2017

The Stores Officer,
AIIMS.

Your Reference : Tender File No. XX-119/SO(DO)/EMF/2016-2017/FSC-I - Procurement of Ultramicrotome on the basis of Global Tender on two bid system .

File No. 27-38/EMF/2016-2017/FSC-I - Procurement of the above Ultramicrotome on the basis of Proprietary System basis.

Subject Re-submission of the documents for the procurement of UltraMicrotome on the basis of Proprietary system basis.

Dear Sir,

This is to state that Procurement of Ultramicrotome on Proprietary Item basis vide file no. 27-38/EMF/2016-2017/FSC-I could not be completed in the financial year 2016-2017 due to procedural deficiencies.

We are now herewith submitting the following pre- approved documents of 2016-2017 with the request to kindly initiate the fresh procurement procedure of the goods in question on Proprietary Item basis.

1. Approved Specifications.
2. Proprietary / Specific Brand Goods Certificate issued by the Department
3. Certificate for Space and Manpower
4. Undertaking regarding space, manpower and infrastructure
5. Proprietary Certificate issued by the Company
6. Documents prepared by Purchase Section

Thanking you,

Yours sincerely,

Subhash
03.06.2017



डॉ. सुभाष चन्द्र यादव
Dr. SUBHASH CHANDRA YADAV
सहायक प्राध्याप/Assistant Professor
अ.भा.आ.सं., नई दिल्ली-29/A.I.I.M.S., New Delhi-29

Sanjiv Kumar Ray

31/6/17

Through : Head, Department of Anatomy, AIIMS

✓ Cs HOD, Anatomy with request to obtain Performance of equipment with Price, time, terms & conditions of previous order copy, Price reasonable certificate from firm so that POC proposal can be initiated further. *Pr...*
necessary action is *En...*

25/11/16

ELECTRON MICROSCOPE FACILITY
ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI - 110 029

PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE

S.No.	Details	Confirmation
1.	Item/Type/Model No. Required alongwith the Accessories	LEICA Microsystem EM UC 7 Series Model - Cryo Ultramicrotome (EM UC7) with Knife maker (KMR 3)
2.	Is the item spare part, attachment or accessories for an existing equipment	No - it is not an spare part, attachment or accessories for an existing equipment. It is new Equipment.
3.	Name of Manufacturer	M/s LEICA Microsystems Vertrieb GmbH, DSA Ernst-Leitz-Strabe 17-37, 35578, Wetzlar, Germany India Office : M/s Leica Microsystems (A Division of DHR Holding India Pvt. Ltd.) G-14, 1st Floor, Kirti Nagar Extension, New Delhi - 110015.
4.	Are they sole manufacturer / sole distributors of the item	Yes. Instruments with following features are unique to LEICA Cryo-Ultramicrotome. Details justifications have already been provided in the Minutes/Recommendations. 1. Stepping Motor 10mm N-S movement of the knife 2. Built in anti-vibration mechanism 3. LED top light Illumination 4. Unique separate LED Spot light illumination 5. Vibration decoupled gravity stroke
5.	Is there any other item with similar specifications available in the market to meet the job requirement envisaged	No.
6.	What are efforts made to locate alternate source of supply or use.	Instrument was tendered vide file no. XX-119/SO(DO)EMF/2016-17/FSC-I, however, only single bid was received from M/s LEICA. For detail remarks, please refer recommendations of PAC Committee / Note of Stores Section for Stores Purchase Committee.
7.	Why open / limited tender can't be resorted to for locating alternate source	Please refer above statement given at s.no. 6.
8.	Please state whether rates are reasonable	At present rates could not be verified as Price Bid is yet to be opened. However, Department reserve the right to verify/evaluate the price after opening of price bid.

1 of 2

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Sanjiv De Raj
17/11/16

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9.	Any other justification for procuring item from single source	Recommendations of the PAC is being reproduced herewith "Committee recommend that instrument may be purchased on "Proprietary Article Certificate" basis , however, detailed specifications with unique features of Cryo-Ultramicrotome should be published on website to ascertain the view of other firms on the proposal of Institute's buying the instrument on Proprietary Article Certificate". In case Department does not received any comments, we recommends that procurement may be initiated as per the rules and regulations under PAC.
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1. Dr. Subhash Yadav, Assistant Professor, EMF

Subhash
17-10-2016

2. Professor T. C. Nag, Acting Officer-in-Charge, EMF

T. Nag 17/10/16

3. Head, Department of Anatomy, AIIMS

Ravindra Raj
17/10/16

4. Head, Department of Biophysics, AIIMS

Punit Kumar, 17/10/2016

5. Medical Superintendent, AIIMS

[Signature]

6. Representative of Stores Purchase Committee (Stores Section, AIIMS)

Ravindra Raj

17/10/16

Dated : 17.10.2016 ; EMF, AIIMS, New Delhi.

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Leica Mikrosysteme Vertrieb GmbH - DSA
Ernst-Litz-Straße 17-37
35678 Wetzlar
Tel: +49 (0)6441 29 2538
Fax: +49 (0)6441 29 2853



Proprietary Certificate

To whomsoever it may concern

This is to certify that below mentioned points is unique to Leica Microsystems EM UC7 series of model

These following features are unique in Leica EM UC7 series of model

- Stepping motor 10mm N-S movement of the knife
- Built in antivibration mechanism
- LED top light illumination
- Unique separate LED spot light illumination
- Vibration decoupled gravity stroke

For Leica Microsystems,

Authorised signatory

Subhas
27.9.2016

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T.R.R.
27.9.16

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29/9/2016



डॉ. तापस चन्द्र नाग/Dr. T. C. Nag
आचार्य/Professor
शरीर रचना विभाग/Dept. of Anatomy, EM Faculty
अ.भ.अ.सं., नई दिल्ली-29/A.I.I.M.S., New Delhi-110029

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2016

UID-Nr.: DE811140297
St.Nr. 02022516806
Finanzamt Giessen
www.Leica-microsystems.com

Deutsche Bank AG, Frankfurt
BLZ: 500 700 10, Kto. Nr. 0410 480 00
SWIFT/BIC-Code: DEUT DE 33 3333
IBAN: DE84 5007 0010 0041 0480 00

Geschäftsührer:
Frank Bunge
Colin Davis
Cornelis Johannes Maria van Ophem
Sitz: Wetzlar HRB 6464

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Item No. 2; Qty required - 01 ; Approximate Cost – Rs. 70.00 lakhs

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Specification for Cryo - Ultramicrotome and glass knife maker with accessories

1. Should have cutting transmission with vibration decoupled gravity stroke & built in Anti-vibration system
2. Basic Instrument should have 180° swivelling microscope carrier.
3. Should have stereomicroscope with 10x to 75x magnification & integrated ergo wedge
4. Should have built in intensity control for Ioniser with warm hand rests
5. Should have eucentric microscope movement with defined click positions for glass knife and diamond knife
6. Illumination should be independently controlled
7. Should have 4 x LED for top light, spot light, back light and specimen trans-illumination
8. Should have fully motorized knife stage for complete horizontal movement
9. Should have at least 10.0" touch screen controlling the ultramicrotome and the cryochamber
10. Should have display of countdown, E-W measurement & knife usage monitoring
11. Should have standard sectioning counter/feed totalizer and countdown mode for exact trimming
12. Should have E-W measurement with auto trim & rocking mode trim function
13. Should have user, sectioning, knife parameters and grid box parameters download via USB (logbook)
14. Should have rotating knife holder having capacity for 2 knives
15. Should have automatic rapid cooling function & operator recognition system
16. Should have temperature range 100°C to -175°C with high gas flow < -140°C & rapid cooling
17. Should have individual temperatures setting for specimen, knife and gas temperature
18. Should have heated chamber walls with 5 level LN2 indicator with reserve warning
19. Should have adjustable antistatic electrode to avoid electrostatic charging
20. Should have automatic bake-out switch-off function with standard, high gas flow and wet sectioning
21. Should be supplied with two Diamond knives ultra 45° with at least 2.0mm edge
22. Should be quoted the required spares & consumables along with the quotation
23. A 10 kV UPS online with supportive, appropriate number of batteries with 100 mAH

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Glass knife maker

24. Should have balance break method with drawer system, Auto reset & push action
25. Should provide the glass strips 6.4 x 400 x 25 mm, 100 pcs.

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27.9.2016

Print 27/9/2016

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Signature
27/9/16

26. Should provide Easy mould, embedding mould for 5.6 mm diameter (10 moulds)
27. Should provide turfs 6.4 mm, 500 pcs
28. Should provide 10 knife boxes for 6.4 mm glass knives
29. Should provide grid box containing carbon coated copper grids (300 mesh), Qty 100 grids per box X 20 box
30. Should have Perfect Loop EM set (one)
31. Should provide dental wax (one packet)

28/9/16

Terms and conditions

32. Should be completely complying the point no 18.1 and 18.6 at page no. 16 of the AIIMS tender documents.
33. The system should be certified from European CE / UL / ISO 9001 for quality assurance.
34. All technical claims should be supported by product catalogue, public website of the manufacturer.
35. Standard instrument comprehensive warranty for 5 years + 5 years comprehensive maintenance contract (CMC) after completion of 5 years warranty.
36. Firm should provide the list of spares and accessories, which are included in comprehensive warranty and CMC.
37. Firm should also provide the list of consumables, which are not included in the comprehensive warranty and CMC. Company should quote the prices (freeze for next five years) of each consumable separately, which are not included in CMC.
38. Equipment and power supply connector should be compatible with Indian power supply system
39. Provide point-wise compliance statement vis a vis technical specification offered. Please indicate page number/location of the compliance in the technical brochure.
40. Performance Certificate from at least 3 users from the Government sector should be provided.
41. Downtime of equipment > 48 hours after intimation of breakdown to the vendor will accrue a penalty amounting to 0.1% of the total cost of the equipment per day counted from beyond the first 48 hours of downtime.

27.9.16

Subhas
27.9.2016

22/9/2016

20/9/2016

डॉ. तापस चन्द्र नाग/Dr. T. C. Nag
आचार्य/Professor
शरीर रचना विभाग/Dept. of Anatomy, EM Facility
अ.भा.आ.गं., नई दिल्ली-29/A.I.I.M.S., New Delhi-29

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		REGISTERED -AD
SUPPLY ORDER ALL INDIA INSTITUTE OF MEDICAL SCIENCES Ansari Nagar, New Delhi - 110029.		
S.O. No.	<i>27-14/Path/2018-19/PSC-I</i>	Dated the: <i>15/12/2018</i>
M/s Leica Mikrosysteme Vertrieb GmbH, Ernst Leitz Strasse 17-37, 35578 Wetzlar, Germany	Thr: M/s DHR Holding India Pvt. Ltd., Caddie Commercial Tower, 505, 5 th Floor, Aerocity (DIAL) New Delhi - 110037	Date of Delivery: <i>21/05/2019</i> .2018 Or earlier
		Grant-in Aid (General) (Plan) 2018- 2019 Proprietary items A/c Code No: 01-00-103-21-007.

Dear Sir

With reference to your quotation NoS.VR0186 dated 08.11.2018/ Tender No.11/SO(DO)/Path/PAC/2018-2019/FSC- Dt. 16.07.2018, you are requested to arrange supplies of under mentioned items at the price marked against each and deliver the same to the Store Officer. All India Institute of Medical Sciences, Ansari Nagar, New Delhi- 110 029, on the terms and conditions stated overleaf.

Sr. No.	Nomenclature	Qty.	Amount in Euro
100	Leica EM UC7RT basic instrument	1	
	UC7rt basic instrument 180° swivelling microscope carrier (without eucentric movement). Built in antivibration system. Multi-LED-illumination for standard illumination, back light illumination, specimen transillumination and spot light illumination. Automatic advance system with stepping motor for 200µm specimen advance, Drive for 10 mm motorized N-S movement of the knife with dual sided self-locking drive for manual 25 mm E-W movement Knife block 360° rotatable, dual sided self locking precision drive with ±30° graduation, clearance angle drive with 1° scale from -2° to over 15°. Knife holder for 6-12mm glass and diamond knives, Segment arc with specimen transillumination, self locking precision drives for ±22° eucentric movement, transferable stem for longitudinal and cross sectioning, 360° rotation of specimen with self locking drive. Trimming block. Case for accessories. Dust Cover RT Key-Pad-Control unit. Cutting window adjustment from 0.3-14 mm. Cutting speed control from 0.2 to 90 mm/sec. Advance control from 0nm to 5µm with display. Memory for 4 combinations of advance and cutting speed. Push-button for cutting window START/END setting. SPEED and FEED indicator with display. Advance END position indicator LED and acoustic warning signal. Advance RESET control. Push button for individual switching on/off of the 4 LED light sources for single or combination illuminations. Dust cover. Stereo Microscope Adaptor for M-series, S6 or S4 stereo with breath guard.		
	Note: Controller already included!		
	For research use only!		
	No : 16705809		
200	M80 Stereo microscope complete	1	
	with 8:1 zoom and 0.8x Achro objective, 45° Binotube, widefield eyepieces WF16x with eyecups and Ergo-Wedge 5°-25°		
	No : 16705856		
300	Knurled head allen key, 3mm	1	
	for specimen holder		

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[Signature]
 12/10/18
 Address: ...

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	No : 16700421		
400	<p>Universal specimen holder for specimen of 3 – 8 mm diameter</p> <p>No : 16701761</p>	1	
500	<p>Ultramicrotome accessories</p> <p>includes:</p> <ul style="list-style-type: none"> - Knifebox for 6.4 and 8 mm glass knives 2 pcs. - Gridbox for 100 grids, 10 pcs - Dental wax. - Glass strips 6.4 mm, 30 pcs. - Glass strips 8.0 mm, 24 pcs. - Trufs for 6.4 mm glass, 500 pcs. - Trufs for 8.0 mm glass, 500 pcs. - Easymold embedding mould for 5.6 mm dia. (50 trays). - Easymold embedding mould for 8.0 mm dia. (50 trays). - Forceps, straight tips. - Copper grids 100 mesh, 100 pcs. - Copper grids 200 mesh, 100 pcs. - Copper grids 300 mesh, 100 pcs. - Copper grids 400 mesh, 100 pcs. <p>No : 16970230</p>	1	
600	<p>Diamond knife ultra 45° 3.0mm</p> <p>No : 16DIA.DU4530</p>	1	
700	<p>Perfect Loop EM set</p> <p>No : 16DIA.DZ8</p>	1	
800	<p>Leica EM KMR3 - Glassknifemaker</p> <p>Glass breaking mechanism with scale enabling the operator to consistently reproduce breaking pressure for controlled and reproducible glass break. Easy and safe knife handling due to unique drawer. Automatic reset of the breaking and scoring mechanism. Easily accessible scoring pressure adjustment. Ergonomic design for comfortable use.</p> <ul style="list-style-type: none"> - Basic unit complete, made of solid casting with scoring head and built-in clamping/breaking device. Clamping pressure set for 6.4 and 8 mm glass (optional 10 mm). - Foam glass storage area. - Brush - Allen key. - Operating manual <p>Weight: 7 kg Dimensions W x D x H: 427 x 583 x 382 mm</p> <p>No : 16706902</p>	1	
900	<p>Glass strips 6.4 x 400 x 25 mm, 30 pcs.</p> <p>6.4x400x25mm (box of 30 strips)</p>	1	

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13/12/18

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	No : 16840031		
1000	Glass strips 8.0 x 400 x 25 mm, 24 pcs. 8x400x25mm (box of 24 strips) No : 16840032	1	
1100	Trufs 6.4 mm, 500 pcs. Glass knives not included No : 16840042	1	
1200	Trufs for 8.0 mm glass, 500 pcs. Glass knives not included No : 16840045	1	
1300	Dust Cover No : 16895032	1	
1400	Knife box for 6.4mm and 8mm glass knives 2 pieces No : 16706630	1	
1500	Instrument table with top 0.67 x 1.15 m No. : 16705706	1	
1600	Reflexomat II - Peristaltic water pump No. : 16705841	1	
Total Discounted F.C.A. VIENNA:			57120.00
Add Freight & Insurance:			550.00
Total C.I.P. New Delhi Airport:			57670.00
Warranty: 5 years comprehensive including spares			

- Note: 1. Ergo Chair (Qty 1) from local market to be provided F.O.C.
 2. Instrument table with top from factory – FOC (Item no. 1500, part no. 16705706)
 3. CAMC to be charged @ 4% per year of order Value in equivalent INR + Taxes.

(TOTAL Euro Fifty seven thousand Six hundred and seventy only)

Copy to:-	1. Store Account Section
	2. Central Store Dept.
	3. Firm Copy
	4. Terms & Conditions are overleaf

DC

[Handwritten Signature]
13/12/18

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

An Autonomous Institution of the Department of Atomic Energy, Government of India (A Deemed University)
Plot No.36/P, Gopanpally Village, Serilingampally Mandal, Ranga Reddy District, Hyderabad, Telangana, India. PIN 500 107

Phone: 040-20203020, Email: jrathna@tifrh.res.in

PURCHASE ORDER

M/s. LEICA MIKROSYSTEME VERTRIEB GMBH
ERNST-LEITZ-STRASSE,
17-37. 35578 WETZLAR,
GERMANY

Date: 09/12/2019

ORDER NO. TIFR/PD/1920573/IC19-21/2191640/19P2120
YOUR REF. : Leica Microsystems dt. 08/11/2019

DEAR SIRs

PLEASE ENTER OUR ORDER FOR SUPPLY OF THE FOLLOWING ITEMS IN TERMS OF YOUR QUOTATION / PROFORMA

Item Description	Quantity		Unit Cost EUR	Tax	Discount	Item Cost
	NO.	UNIT				
1. Supply, Installation, Commissioning of A State-of-The-Art Ultra Microtome For the Facility to Generate Ultra-Thin Section for TEM Imaging. Model: Leica ULTRACUT EM UC7 Detailed Technical Specifications are as per Annexure-A	1.00	NO	73500.00		0	73500.00

OPEN GEN. LICENSE : FOREIGN TRADE POLICY 2015 - 2020

CIP,Hyderabad Airport (EUR) = 73500

TERMS OF PAYMENT: LETTER OF CREDIT

WARRANTY: 2 Years from the date of installation.

DELIVERY PERIOD: Within 8-10 Weeks from the date of opening of LC.

DELIVERY AT: Material should be delivered at TIFR-Hyderabad at Survey No. 36/P, Gopanpally village, Serilingampally Mandal, Ranga reddy Dist., Hyderabad-500107

DISPATCH MODE: AIR FREIGHT

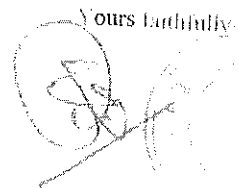
ORDER REMARKS:

Payment, Commercial Terms and Conditions are as per attached Annexure-B
ANY OTHER INSTRUCTIONS:

1. Please send advance flight / Bill of Lading details by fax / e-mail to the undersigned as soon as shipment is booked.
2. Quote order reference in AWB / Bill of Lading and send two copies of signed invoice with consignee's copy of AWB / Bill of Lading.
3. Please do not under value the invoices against shipment.
4. Please return enclosed acceptance duly completed on receipt of this order.
5. Please quote order reference in all correspondence & shipping docs pertaining to the order.

M/s. LEICA MICROSYSTEMS,
A DIVISION OF, DHR HOLDING INDIA PVT. LTD.,
WOLFPACK WORKSPACES #39, 8TH MAIN ROAD,
VASANTH NAGAR
BENGALURU-560052,
KARNATAKA, INDIA.
Phone No.: 9555299678
Email id : sujay.dey@leica-microsystems.com.

SUPPLIER COPY

Yours faithfully,


J. RATHNA
Administrative Officer (C)

24/10

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

(Autonomous Institution of the Department of Atomic Energy, Government of India)

TIFR Centre for Interdisciplinary Sciences

Survey No. 36/P, Gopanpally village, Serilingampally Mandal, Ranga reddy Dist., Hyderabad - 500 107

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Technical Specifications

Annexure-A

PO No.: TIFR/PD/1920573/IC19-21/2191640/19P2120

Item Description: Supply, Installation, Commissioning of A State-of-The-Art

Ultra Microtome For the Facility to Generate Ultra-Thin Section for TEM Imaging.

Model: Leica ULTRACUT EM UC7

Item	Material	Description	Qty
1	16655816	Leica UC7 Dust Cover for control unit for ULTRACUT EM UC7 control unit (16655850)	1
		EM UC7 Basic Instrument for preparation of semi- and ultra-thin sections , as well as the perfectly smooth surfaces required for LM, TEM, SEM, and AFM examination. UC7 Basic Instrument (with eucentric) 180° swivelling microscope carrier. Eucentric movement of the stereo microscope carrier (+ 5° / - 8°) with patented designated positions for specimen approach, for glass and diamond knives. Built in antivibration system. Multi-LED-illumination for standard illumination, back light illumination, specimen transillumination and spot light illumination. Cutting window adjustment from 0.2-15 mm Dual automatic advance system with stepping motor for 200µm specimen advance, stepping motor for 10mm knife N-S movement. Stepping motor for 25mm E-W movement. Reflexomat II -peristaltic water pump water spout in magnetic holder. Syringe, special tubing for Reflexomat II. Knife block 360° rotatable, dual sided self locking precision drive with ±30° graduation, clearance angle drive with 1° scale from -2° to over 15°. Knife holder for 6-12mm glass and diamond knives. Dust Cover Segment arc with specimen transillumination, self locking precision drives with ±22° eucentric movement, transferable stem for longitudinal and cross sectioning. 360° rotation of specimen with self locking drive. Trimming block. Case for accessories. Stereo Microscope Adaptor for M-series, S6 or S4 stereo with breath guard. Dimensions W x H x D: 350 x 530 x 540 mm Weight in net kg: 40 kg For research use only!	1
2	16705805		

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3	16655850	<p>Touch-sensitive-control unit 10.4" display: Cutting speed control from 0.05 to 100mm/sec in 35 steps. Advance control from 1nm to 100nm in steps of 1nm, from 100 to 2500nm in steps of 10nm and from 2500 to 15000nm in steps of 500nm. Permanently displayed Memory for 5 combinations of advance and cutting speed. Buttons for cutting window START/END setting. FEED indicator. Optical and acoustic warning 20µm before the end of advance, advance RESET control. Safety and warning system with acoustic warning and displayed hints. Buttons for individual on/off of the 4 LED light sources for single or combination illuminations, adjustable brightness control (except spot illumination). Track-wheel for knife N-S and E-W movement with continuously variable speed. STEP-control of N-S movement for single steps from 0.1-15 µm. 3 selectable return speeds. Fast E-W control buttons. Count up, count down and E-W measurement mode. Rocking mode for trimming. Programmable trimming process. Built in control for antistatic device as well as selectable foot-switch control to switch on and off discharging/charging function of the antistatic device (CRION). Prepared for computer interface. 100 different user/sample/knife profiles. USB port to connect stick for up- and down- loading of section and users parameters. Reporting of user/sample/knife/grid parameters. USB stick. Plug for footswitch. Built in control for FC7 Cryo chamber. Dust cover. Infrared mouse. Dimensions W x H x D: 270 x 205 x 260 mm Weight in net kg: 3 kg Note: Control Panel cannot be used with 16705809 or 16705807</p>	1
4	16705856	<p>M80 Stereo microscope complete with 8:1 zoom and 0.8x Achromatic objective, 45° Binotube, widefield eyepieces WF16x with eyecups and Ergo-Wedge 5°-25°</p>	1
5	16706902	<p>Leica EM KMR3 – Glass knife maker, Glass breaking mechanism with scale enabling the operator to consistently reproduce breaking pressure for controlled and reproducible glass break. Easy and safe knife handling due to unique drawer. Automatic reset of the breaking and scoring mechanism. Easily accessible scoring pressure adjustment. Ergonomic design for comfortable use. - Basic unit complete, made of solid casting with scoring head and built-in clamping/breaking device. Clamping pressure set for 6.4 and 8 mm glass (optional 10 mm). - Foam glass storage area. - Brush. - Allen key. - Operating manual Weight: 7 kg Dimensions W x D x H: 427 x 583 x 382 mm</p>	1
6	16654925	Foot-switch with cable and plug, Foot-switch with cable and plug	1
7	16700421	Knurled head allen key, 3mm for specimen holder	2
8	16701761	Universal specimen holder for specimen of 3 – 8 mm diameter	2
9	16701772	Flat specimen holder, 0-4mm Clamping range: 0-4mm	1
10	16705706	Instrument table with top 0.67 x 1.15 m Shock-absorbing elements. Ergonomic shaped arm rests.	1

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- 11 16705729 Drawer unit with top 0.67 x 0.43 m and 4 drawers. For left or right side use. Dimensions W x H x D: 426 x 750 x 670 mm Weight in net kg: 39kg 1
- 12 16970230 Ultramicrotome accessories includes:- Knifebox for 6.4 and 8 mm glass knives 2 pcs. - Gridbox for 100 grids, 10 pcs. - Dental wax. - Glass strips 6.4 mm, 30 pcs. - Glass strips 8.0 mm, 24 pcs. - Trufs for 6.4 mm glass, 500 pcs. - Trufs for 8.0 mm glass, 500 pcs. - Easymold embedding mould for 5.6 mm dia. (50 trays). - Easymold embedding mould for 8.0 mm dia. (50 trays). - Forceps, straight tips. - Copper grids 100 mesh, 100 pcs. - Copper grids 200 mesh, 100 pcs. - Copper grids 300 mesh, 100 pcs. - Copper grids 400 mesh, 100 pcs. 1
- 13 16705403 Leica EM MP Hotplate 100/230V 50/60Hz Complete with Hotplate with 3 different temperatures for mounting TRUFS on glass knives and for staining and drying of semithin sections on glass slides. - metal spatula - 500 g dental wax - 50 pcs. TRUFS 6.4 mm. 1
- 14 16DIA.DU4525 Diamond knife ultra 45° 2.5mm 2

Note: All other technical specifications are as per our tender document.

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From Eye to Insight

2401
Leica
MICROSYSTEMS

Leica Mikrosysteme Vertrieb GmbH · Ernst-Leitz-Str. 17 - 37 · 35578 Wetzlar, Germany

Date: 11 Feb 2021

To,
Department of Pathology,
GB Pant Institute of Post Graduate Medical Education & Research,
1, J.L.Nehuru Marg
New Delhi 110062
India

PROPRIETARY CERTIFICATE

This is to certify that Leica EM UC7 is proprietary nature equipment as per the following points.

- Eucentric movement of the stereomicroscope observation system with designated positions for specimen approach for sectioning knives.
- AutoTrim function for automatically trimming of sample
- Motorized knife stage with East-West measuring function.
- Automatic approach of the selected segment of virtually segmented knife

This Equipment inclusive of above features is solely manufactured by us and to the best of our knowledge no company other than us manufacture it product anywhere in the world.

We would also like to inform that we are operating in India through our parent company Danaher Corporation called as M/S DHR Holding India Pvt. Ltd.

Thanking you

Yours faithfully,
For **Leica Mikrosysteme Vertrieb GmbH,**

Melanie Hammerschmidt-Broman

AUTHORIZED SIGNATORY

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Living up to Life



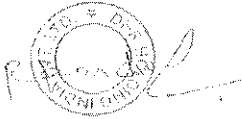
PRICE REASONABILITY CERTIFICATE

This is to certify that we have offered the maximum possible discount to you in our **Quotation No. DHR/D/GBPIMER/RK/2020-20/0022** dated 15th Feburary for the item UC7 RT Ultramicrotome.

We would like to certify that the quoted price are the minimum and we have not quoted the same item on lesser rates than those being offered to GB Pant Institute of Medical Education Research. In case you need any other technical/commercial documents, kindly contact undersign.

Thanks & Best Regards,

Yours faithfully,
For DHR Holding India Pvt. Ltd.



Rohit Kandwal

Sales and Application Manager
Leica Microsystems - A Division of DHR Holding India Pvt. Ltd.
502, Level-5, Caddie Commercial Tower
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Mail id: rohit.kandwal@leica-microsystems.com

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Specifications for Ultra-microtome to section samples for Electron Microscopy

Ultra-microtome to be supplied complete with Control unit for controlling the Ultra microtome with glass knife maker.

A. Specifications:

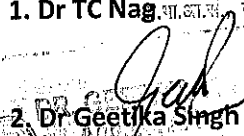
1. Ultramicrotome with 180° swivelling microscope carrier
2. Built in anti vibration system with gravity stroke
3. Knife block 360° rotatable, dual sided self-locking precision drive with ±30° graduation, clearance angle drive with 1° scale from -2° to over 15°.
4. Stereo microscope system and camera with facility for live streaming into monitor for viewing the sectioning.
5. "TFT Monitor 13" branded with HDMI port and 2 meter long cable. Monitor to be covered under 5 years warranty and CMC as for additional computer being supplied.
6. Built-in hand rests for maximum comfort when specimen trimming and collecting sections
7. Automatic advance system with stepping motor for atleast 200µm specimen advance
8. Section thickness range from 40 nm to 5 microns
9. 4 types of LED approach for spot light, Top-light , Back-light & Specimen-illumination &
10. Electronic stepping control for automatic specimen advance/return
11. Memory channels to store frequently used cutting and trimming parameters
12. Segment arc 360° rotatable with specimen Trans illumination, self-locking precision drives for ±22°, transferable stem for longitudinal and cross sectioning
13. **Additional specimen arc to be used for trimming of blocks over and above standard supply**
14. Cutting window adjustment from 0.3-14mm
15. Cutting speed control from 0.2 to 90mm/sec
16. RT Key-Pad-Control unit
17. N-S Motorised knife stage movement from 1-10 mm
18. Advance control from 0nm to 5µm with display. Must display memory for 4 combinations of advance and cutting speed. Push-button for cutting window
19. Larger working distance (110mm)
20. Power supply : 220-240V AC, 50/60 Hz

B. Spares to be given with microtome over and above standard supply

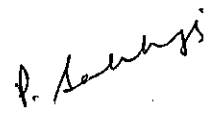
1. Anti-vibration table with and 2 ergonomic chairs with back support and adjustable hand rests branded to be provided with instrument
2. Additional hand rests to be placed on anti vibration table
3. Diatome Diamond knife with 3.5 mm knife, 4 pieces
4. Perfect Loop EM set 6 sets



1. Dr TC Nag
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आर्य समाज विद्यापीठ/Department of Anatomy
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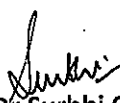
2. Dr Geetika Singh
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Ansari Nagar, New Delhi-110 029



1. Dr Puja Sakhuja



2. Dr Vineeta V Batra





3. Dr Surbhi Goyal


5. Brushes to be provided for ultramicrotomy imported with the equipment – 12 nos
6. Eyelash brushes 12 nos
7. Additional LED suitable for microtome 2 in number
8. Glass strips 6.4 x 400 x 25 mm ; 50 boxes of 30strips each to be provided with instrument
9. Trufs 6.4 mm, 1000 pcs.
10. Knife box for 6.4mm and 8mm glass knives: two pieces
11. Grid box with 100 grids, 10 pcs.
12. Dental wax 500gms


Glass Knife maker for Ultramicrotome

- Should be 100% balanced break method with high reproducibility
- Drawer system for safe knife removal
- Auto reset of breaking and scoring mechanism
- Push action score for even scoring and adjustable scoring pressure
- After the break, the scoring mechanism should automatically resets to the start position
- Two pre-set score marks for making the knives
- Glass knife maker should be of same company as the ultramicrotome
- **Additional Data collection and processing unit:**
 - i. Branded 1 no of computer with i7 processor latest generation, 2 TB SSD HDD, 16 GB RAM DDR4,
 - ii. 1 monitor, 24" 4K UHD Monitor with 4 USB ports for peripheral devices,
 - iii. CPU with 6 USB ports, 1 External SATA RMSD Bay,
 - iv. HDMI port with 2 metres HDMI Cable, port for fire wall card, Intel HD graphics WITH GRAPHIC CARD 4 GB,
 - v. windows office professional, and robust antivirus programme.
 - vi. CD/ DVD reader/writer, Ethernet port (LAN), wireless capability with network card and Bluetooth,
 - vii. Wireless keyboard & mouse, and UPS for 15 min backup
 - viii. 2 External SSD Hard Drives 4 TB each.
 - ix. Black and white laser printer with scanner
 - x. All computer programmes should be original and licensed.
 - xi. Computer, software and accessories including batteries of UPS to be upgraded free of cost within the warranty and CMC period.
 - xii. If at the time of supply any newer generation of processor is available, the latest must be supplied.


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 2. Dr Geetika Singh


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 1. Dr Puja Sakhuja



 2. Dr Vineeta V Batra



 3. Dr Surbhi Goyal


Generalised specifications:

1. Instrument should be BIS/ IVD compliant or US-FDA compliant or IEC compliant or European CE compliant. Proper proof of certification from a notified body should be provided.
2. List of at least 3 certified users in Govt. hospitals with more than 500 beds and customer satisfaction certificate to be provided
3. Instrument to be demonstrated to check for quality and ease of functionality
4. **Minimum 5 year warranty and 5 years CMC to be provided by the principal company. In case a dealer is quoting, suitable authorization certificate from company must be provided by parent company.**

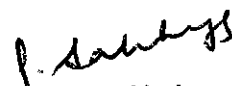
External Experts

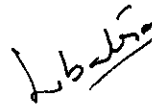

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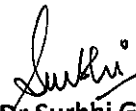
Internal Experts



1. Dr Puja Sakhuja
 Dir Prof and HOD Pathology
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2. Dr Vineeta V Batra
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