



भा.कृ.अ.प.-केन्द्रीय भेड़ व ऊन अनुसंधान संस्थान
अविकानगर (तहसील-मालपुरा जिला टोंक)वाया जयपुर राजस्थान (भारत) 304501

CENTRAL SHEEP & WOOL RESEARCH INSTITUTE

AVIKANAGAR (MALPURA DISTT. TONK) VIA: JAIPUR RAJASTHAN (INDIA) 304501



F.No.1(726) SP/2019/ 2309

Date 26 -11-2019

M/s Redical Scientific Equipment pvt ltd,
9th Milestone, Ambala-jagadhri Road,
P.O. Khudda Kalan, Ambala Cantt 133104
Email:-info@radicalindia.com

विषय :- **Supply of Projection Microscope 02Nos. Reg.**
संदर्भ:- आपकी निविदा क्रमांक -1689864 के क्रम में।

महोदय,

उपरोक्त विषयान्तर्गत एवं सदरभित निविदा के क्रम में आपके द्वारा निम्नलिखित **Projection Microscope 02Nos.** की खरीद हेतु दी गयी दरें एवं तकनीकी निविदा को श्रीमान सक्षम अधिकारी महोदय ने स्वीकार कर लिया है। अतः आपको निविदा में दी गयी दरों एवं विशेषताओं के अनुसार आपूर्ति आदेश जारी किया जाता है।

S.n	Projection Microscope 02Nos.	Amount
1-	<p>'Radical' High Performance Biological Microscope Model No. RXLr-4 Dark field and work on polarizing observation methods Mechanical Stage RXR4MS-RK Rectangular/square, rackless, supper hard & scratch resistant, easy slide gliding control with spring in left lever, stainless steel dual slide holder, left/righthand low drive control, co-axial movement knob, two way linear guide, stage size 190x140mm, X-Y 78x55mm on wire, precision 0.1mm by attached vernier, tension adjustable Focusing RXR4F1.0 Co-axial, tension (torque) control, upper limit stopper, high sensitivity focus drive with 0.10 mm per revolution, fine adjustment 1µm/Div. Objectives RXR404i 4X, N.A 0.10, W.D 30mm, plan achromatic, infinite, unbreakable container for storage RX4R10i 10X, N.A 0.25, W.D 6.1mm, plan achromatic, infinite, unbreakable container for storage RX4R20i 20X, N.A 0.45, W.D 2.1mm, plan achromatic, infinite, unbreakable container for storage RXR440i 40X, N.A 0.65, W.D 0.65mm, plan achromatic, infinite, unbreakable container for storage RXR4100i 100X, N.A 1.25, W.D 0.18mm, plan achromatic, oil immered, Infinite, spring loaded, unbreakable container for storage Eyepiece RXR4EP1020 Paired, high eye point WF 10X, FOV-20mm, multilayered coated, high quality, good contrast, abresion free, Aplantic, precentered, built-in diopter adjustment on both eyepiece (±5mm) rubber eyecups. 'Radical' ProCam-5t CMOS Camera Pixels : 5.0 MP (Colour) Sensor Size : 1/2.5"(7.37mmX4.15mm) Pixel Size : 2.2 µm x 2.2 µm Resolution Frame Rate : 2592x1944: 7FPS (Live & Capture) 1280x960: 27FPS 640x480: 90FPS Any Area (ROI) Exposure Time : 0.2ms~2000ms Sensitivity : 0.53 V/lux-sec SN Ratio : 44dB Dynamic Range : 67dB Binning : 1x1,2x2,4x4 Capture/Control API : Native C/C++, C#/VB.NET, Directshow, Twain, Labview Cooling : Natural/Peltier fan cooling (optional) Spectral Range(nm) : 380 nm ~ 720nm (with infrared filter) Shutter : Electronic Rolling shutter Image Data Format : 10 bit RAW Format AD Conversion : 10 bit Operating Mode : Continuous output Scanning Mode : Progressive Scan Exposure Control : Manual/ Auto/ Area White Balance : Manual / One time /Auto/ Area/ ROI White Balance/ Manual Temp-Tint Adjustment Image Processing : GAMMA/ Contrast/ Black Level/ Noise Reduction /3D Noise Reduction/ Sharpness / Saturation Picture Format : JPEG/BMP/PNG/RAW Colour rendering technique : Ultra fine colour engine Software interface : Radical ProCAM Capture & Measurement Software (Supports Direct Show / TWAIN) Operating System : Windows XP/Vista /7/8/10 (32 & 64 bit) OS X (Mac OS X), Linux Data Interface : USB2.0 (B Type) Lens Mount : 0.5X C/CS Mount Dimensions/Weight : Metallic square body 58mm, height 36mm/(Exclude Lens Mount)/Approx. 180g Rated Voltage/Power : 5V via USB Temperature /Humidity : Operation: 0~50°C /storage: -20°C ~60°C/ Working: 10%~90% RH (No Condensation) 10% ~ 60%</p> <p>'Radical' Image Analysis Software Fibre Plus Features:- Micro analysis of yarns and fiber sections. Measurements of length, surfaces, perimeters, angles, distance between two points or lines or objects. Fast and easy way the fineness analysis of single fibers. Check of purchased material to identify the type of fiber, comparing it with the fiber pictures stored in the Data bank with the longitudinal and the sectional views. Check and measure the quality and shape of Lycra or synthetic Multifilament single threads. Analyze the compactness of non-woven Fabrics. Analyze the Yarn structure and detect possible defects.</p>	<p>Rs4,76,603.40 For 02Nos</p>

1.11.19

Detect, identify and measure possible impurities contained in textile materials.
 Measure section surfaces and perimeters.
 Analyze mechanical parts like needle points spinnerets etc.
 Macro analysis of a yarn section. Reduce the fabric warp and weft density to a cm or inch.
 Full screen display of image, acquisition, annotations, measurements, statistical processing of measure data are few of the capability this software.
 Photographs of most Fibers are pre-loaded in the software helping in identification of fibers without prior knowledge in the same. The library can be created & retrieved within the same program.

Branded Compatible Computer System

Processor: 7th Generation Intel @Core™ i5-7200U Processor (3M Cache, up to 3.10 GHz)
 Operating System: Windows 10 Home Plus (64bit) Memory: 8GB, DDR4, 2400 MHz
 (expandable) Video card: NVIDIA @ GeForce @ MX110 with 2GB GDDR5 Graphics
 Memory Wireless mouse and keyboard Display: 23.8-inch FHD (1920 x 1080) Printer Hp Laserjet Pro M1536 dnf/equivalent multifunction printer

3 KVA UPS

Technology IGBT-PWM without inbuilt isolation transformer Input Power single phase 160V - 260V sinewave, 50Hz Output power Single phase 230V +/-1% sine wave 50 Hz Backup time (Minutes)30 Minimum VAH (VAH)2600 Movable trolley for Batteries Without trolley but with rack

3 years comprehensive warranty

from the date of completion of the satisfactory installation.

	GST	Included
Grand Total		Rs.4,76,603.40
Say Rs.		Rs.4,76,603/-

Terms & Conditions:-

- DELIVERY:** To be attached as early as possible but not 30 days and delay on inability to supply orders, store may please be intimated immediately
- For –the above price are FOR CSWRI Avikanagar & Arid Region Campus, Post Bechhawal Industrial Area, Bikaner (Raj) packing forwarding /freight & Insurance charge will not paid extra
- PRICE:** The above prices are including of GST other taxes etc. No FORM “C or D” WILL BE ISSUED.
- CONSIGNEE:** One No. The Director, Central Sheep & Wool Research Institute, Avikanagar The. Malpura Tonk Rajasthan. & One No. The Head, Central Sheep & wool Rearchese Institute Arid Region Campus, Post Bechhawal Industrial Area, Gangangar Road, Bikaner (Raj) .
- DESPATCH:** Road Transport/Post parcel V.P.P. Freight prepaid by the consignor book the material/good to The Head, Central Sheep & wool Rearchese Institute Avikanagar The. Malpura Tonk Rajasthan. & The Head, Central Sheep & wool Rearchese Institute Arid Region Campus, Post Bechhawal Industrial Area, Gangangar Road, Bikaner (Raj) .
- PACKING:** Packing list giving full particulars with quantity of the Items contained must be placed immediately below the cover of package. Our purchase order number should be marked in large letters indelibly on a prominent place on the packing case(s) as well as on packing list/slip.
- TRANSPORT RECEIPT:** Transport Receipt to be forwarded to the consignee by Registered Post immediately after dispatch of ordered material otherwise the demurrage/warfare (if any) will deducted from the supplier’s bill without making any reference.
- BILL:** Pre-receipted bill (in triplicate) duly supported by relevant original cash receipts for packing forwarding freight insurance customs excise duty etc. (if any) and payable by this institute may be sent to the consignee.
- PAYMENT:** Payment will be made within 30 days after satisfactory Installation Items through Bill Basic .
- Liquidated Damage:** If any time during the performance of contract, the supplier encounters conditions hindering timely delivery of the goods, the supplier shall promptly inform the purchaser in writing the fact of the delay and likely duration of the same. After receipt of supplier’s communication, the purchaser shall decide as to whether to cancel the contract for the un-supplied portion after the existing delivery period, or to extend the delivery period suitably by issuing in amendment to the contract. If the supplier fails to deliver the goods and/ or perform the services within the contractual delivery period for reasons other than circumstances beyond supplier’s control (which will be determined by the purchaser) and the purchaser extends the delivery period, the purchaser will also deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% (half per cent) of the delivered price of the delayed goods or unperformed services for each week of delay or part thereof until actual delivery or performance. The maximum limit of such deduction will, however, be 10% (ten percent) of the contract price of the delayed goods or services).
- Certificate to the following effect may also be recorded on the body of the bill.
 Certified that the goods on which GST has been charged have not been exempted under the GST Act and/or the Rules made there under and the charges on account of Sales Tax on the goods are correct under the provisions of the relevant act or the Rules made there under.
 Certified further that we M/s _____ are registered as dealers in the state of _____ and our registered numbers for the purpose of GST
- This Institute reserves the right to reject the stores/suppliers in part or in full covered in this order at any stage prior to payment, if they are not according to the specification. Part supplies against this order will not be accepted unless otherwise agreed.
- Acknowledgement receipt and confirmation of this order should be sent by return post.
- In case of contact Item A certificate may be affix by the firm on the bill that rate charged are as per manufacture prices/list contract entered rates.

Note: Please send the following Bank details along with Bill for e-payment

Bank Account No.:..... Bank’s Name:..... Branch Code No.:..... SWIFT/IFSC Code No.:

Yours faithfully,

Neeraj Tanwar
26/11/19

(Neeraj Tanwar)
Administrative Officer (S&P)
Vigilance officer

Copy to: -
26/11/19

1. Audit & Accounts Section 2. Admn. II Section 3. Store Section 4. ARC Bikaner 5. TMTD Division 6. Vigilance officer
 AKMU Unit to upload on Institute website 8. Director information please
Administrative Approval and expenditure sanction has been accorded by the Director amounting to Rs. 4,76,603/- only for the current financial year 2019-2020 vide F.No.1(726) SP/2019/ at Note Sheet page No.06 on 05-11-2019