Revised E-Tender Document After Pre-bid meeting

Item No. - 5

Microscope with photographic attachment

ITEM RATE TENDER

(Tender No. IPRO/BTC/2018-19/73, Dt: 03/10/2018)

Cost of Tender Document: Rs. 1,000/-

EMD: Rs 30,000/-



BIOTECHNOLOGY CENTRE JAWAHARLAL NEHRU KRISHI VISHWA VIDYALAYA JABALPUR - 482 004 (M.P.)

BIOTECHNOLOGY CENTRE JAWAHARLAL NEHRU KRISHI VISHWA VIDYALAYA, JABALPUR (M.P.)

DETAILS OF MANUFACTURER/ BIDDER:

1.	Name & full address of the	:	
	Manufacturer		
2.	a) Telephone No.	:	
	b) Fax No.	:	
	c) E-mail	:	
3.	Location of the manufacturing	:	
	factory		
4.	Name & full address of the	:	
	Bidder		
	a) Telephone/ Mobile No.	:	
	b) Fax No.	:	
	c) E-mail	:	
	PAN No.	:	
	GSTIN No.	:	



JAWAHARLAL NEHRU KRISHI VISHWAVIDYALAYA, JABALPUR (M.P) e-Tender Notice for Laboratory Equipment and Machines

Tender No.: IPRO/BTC/ 2018-19/73 Date: 03.10.2018

E-tenders are invited for the supply of laboratory equipment Microscope with photographic attachment. Tender forms along with specifications and other details can be purchased online from the website www.mpeproc.gov.in during 04.10.2018 4:00pm to 23.11.2018 11:55pm. Prebid presentation will be on 31.10.2018 at 11:00AM. Information is also available on www.jnkvv.org. Last date for filling of e-Tender is 24.11.2018 up to 11:55pm. Physical bid may be submitted up to 2:30pm on 07.12.2018. Opening of Technical Bid: 07.12.2018 at 3.00pm and Financial Bid on 17-12-2018 at 3:30pm.

(IPRO/BTC/2018-19/73, **Dt: 03.10.2018**)

Director

Biotechnology Centre JNKVV, Jabalpur

Table No. 01

Sl. No.	Name of the Item	Approximate quantity to be purchased	Tender Document Cost (Rs.)	EMD (Rs.)
1.	Microscope with photographic attachment	01	1000	30,000

The details of tender can also be viewed at www.jnkvv.org. Please read and follow the instructions carefully to avoid the rejection of the tender. You are also requested to send your representatives, duly authorized in writing, to attend the Technical Evaluation and clarification regarding bids.

Director
Biotechnology Centre
JNKVV, Jabalpur

For any technical support please contact tollfree number – 18002588684

For Quick Response Contact: Toll free No: 18002588684

Mail id: eproc_helpdesk@mpsdc.gov.in

Support timings: Monday to Saturday from 10:00 AM to 7:00 PM For Escalations/Complaints please contact: eproc.esc@gmail.com

For Quick Response related to e - payment refund cases only,

Contact: 011 - 49424365

Mail ID: mpepaymenthelpdesk@gmail.com

Support timings: Monday to Saturday from 9:00 AM to 6:00 PM

SOLUTION PROVIDER

Tata Consultancy Services & Antares Systems Limited

e-mail ID: eproc_helpdesk@mpsdc.gov.in

Toll free no.: 18002588684

MPSEDC Helpline Numbers: 08517936082, 07566660425, 08989685065

Any updation/ Modification/ further call, if required and any other changes in respect of above tender will only be available on www.inkvv.org

Please visit www.jnkvv.org for regular updates and corundum as they will not published in news paper

JAWAHARLAL NEHRU KRISHI VISHWAVIDYALAYA, JABALPUR (M.P)

Tender No. IPRO/BTC/2018-19/73

Procedure for On-line Submission of Tender Document

The Tender for the above works are invited online. The following procedure will be adopted for online opening of the price bids.

DEPOSITING THE BIDS:

The bids will be submitted through on-line mode of <u>www.mpeproc.gov.in</u>. However, certain documents would be required to be submitted physically to our office. Details are as follows:-

(A) On-line Submission on website www.mpeproc.gov.in:

STEP – I

Technical Bid / Mandatory Documents to be submitted on-line at www.mpeproc.gov.in

- 1. Covering letter of the participating firms (scanned copy in pdf format).
- 2. Certificate for acceptance of terms and conditions of tender enquiry on firms letterhead.
- 3. Check list properly filled-in (Annexure-I).
- 4. Original equipment manufacturer (OEM) certificate or authorized dealership/distributorship certificate as applicable (third party authorization is not accepted).
- 5. Detailed technical write-up highlighting the model Name / Number, features of the equipment offered and / or Technical literature/manuals.
- 6. Company profile along with detailed printed literature of each item or sub item quoted in the tender.
- 7. Compliance Certificate. Certificate of clause by clause compliance of specifications as mentioned in tender.
- 8. Client list/ List of users List of Institutes / Organizations where same minimum one such work has been executed. Copy of the work order & completion certificate duly signed by the competent authority of the institute be enclosed.
- 9. Last 3 (three) years income tax return (FY 2017-18, 2016-17, 2015-16)
- 10. Sales turnover of last three years (FY 2017-18, 2016-17, 2015-16)
- 11. PAN No. of the firm
- 12. **GSTIN No.** of the firm
- 13. Firms/Business Registration documents for the type of business.
- 14. Scanned Copy of EMD (or exemption proof, if exempted).
- 15. Tender Purchase Receipt
- 16. Original guarantee/warranty on manufacturer's letter head of satisfactory 2 years warranty
- 17. ISO Certificate of manufacturer
- 18. Certificate of not being black listed by any Govt/Quasi Government firm in India
- 19. Certificate that supplied Item is NEW and not re-conditioned/refurbished

STEP - II

Financial Bid to be submitted on-line at www.mpeproc.gov.in

Commercial/Price bid packet (on-line)

Date: 03/10/2018

(B) Submission of Mandatory Documents at Office address:

STEP-III:

Mandatory Document to be submitted by registered post/courier/personally at Office address at JNKVV, Jabalpur

The documents listed above in **STEP-I** (all fifteen original documents - sealed and signed on each page) to be submitted (hard copy) in the **Technical Bid Envelope** – "A" (separate for **each item**) at the address given below before last date as mentioned in bid as given below.

- 1. Covering letter of the participating firms (scanned copy in pdf format).
- 2. Certificate for acceptance of terms and conditions of tender enquiry on firms letterhead.
- 3. Check list properly filled-in (Annexure-I).
- 4. Original equipment manufacturer (OEM) certificate or authorized dealership/distributorship certificate as applicable (third party authorization is not accepted).
- 5. Detailed technical write-up highlighting the model Name / Number, features of the equipment offered and / or Technical literature/manuals.
- 6. Company profile along with detailed printed literature of each item or sub item quoted in the tender.
- 7. Compliance Certificate. Certificate of clause by clause compliance of specifications as mentioned in tender.
- 8. Client list/ List of users List of Institutes / Organizations where same minimum one such work has been executed. Copy of the work order & completion certificate duly signed by the competent authority of the institute be enclosed.
- 9. Last 3 (three) years income tax return (FY 2017-18, 2016-17, 2015-16)
- 10. Sales turnover of last three years (FY 2017-18, 2016-17, 2015-16)
- 11. PAN No. of the firm
- 12. **GSTIN** No. of the firm
- 13. Firms/Business Registration documents for the type of business.
- 14. Scanned Copy of EMD (or exemption proof, if exempted).
- 15. Tender Purchase Receipt
- 16. Original guarantee/warranty on manufacturer's letter head of satisfactory 2 years warranty
- 17. ISO Certificate of manufacturer
- 18. Certificate of not being black listed by any Govt/Quasi Government firm in India
- 19. Certificate that supplied Item is NEW and not re-conditioned/refurbished

Any other document not mentioned above but given under terms & conditions should also be submitted in original with mandatory documents

Technical Bid envelope-A of all items separately will be opened before a committee constituted for the purpose. After verification, scrutiny and due recommendation of the committee, the financial bid of the eligible tenderer who have offered their rates in the price bid shall be opened on-line.

Physical submission of documents to following address:

The Director, Biotechnology Centre

Jawaharlal Nehru Krishi Vishwa Vidyalaya

Krishi Nagar, Adhartal, Jabalpur-482 004 (M.P.), India

Phone (Fax): 0761-2681236

E-mail: lpsrajput@yahoo.co.in, director_btc@yahoo.co.in

NOTE:-

- i. Tenderers are requested not to submit financial bid in any envelop. The price bid will be open only after due satisfaction of technical bid on-line.
- ii. Tax extra if any must be shown separately in the specified column of the financial bid

General Terms and Conditions:

- 1. Only the manufacturers (OEM) and their authorized distributors or dealers or agents need to submit their tender. The bidder should submit an **authorization certificate in original on manufacturer's letter head** and from the manufacturer for their authorized dealership. Third party authorization will not be accepted.
- 2. <u>No person or firm shall submit more than one Tender for the same item. No offer should have more than one model quoted; in case of more than one alternate offer only the first option will only be considered.</u>
- 3. It is mandatory to provide all the relevant information in *Annexure I*.
- 4. Broad-based specifications of equipment/items/systems/works etc. are given in *Annexure II*. The tenderer should also take note of the remarks, if any, given there in.
 - 1. Tender can be purchased on-line from www.mpeproc.gov.in Start Date: 04.10.2018, 4:00 PM to 23.11.2018, 11:55 PM.
 - 2. Pre Bid meeting on **31.10.2018** at **11:00** AM
 - 3. Inclusion of changes in technical specifications after pre bid (if any) on 3.11.2018 at 11:00 AM.
 - 4. Technical Bids can be submitted on-line on www.mpeproc.gov.in upto 24.11.2018, 11:55 PM.
 - 5. **Mandatory Submission** (Envelope A) containing all original documents as required for technical bid including original EMD must be submitted in sealed cover to the **DIRECTOR**, **BIOTECHNOLOGY CENTRE**, **JNKVV**, **ADHARTAL**, **JABALPUR 482 004** so as to reach on or before dated **7.12.2018**, **2:30 PM**.
 - 6. Belated tender due to postal or any other delay will be rejected.
 - 7. Technical /Physical Bids [Mandatory Submission (Envelope A)] will be opened on 7.12.2018, 3:00 PM.
 - 8. **Financial Bids** of qualified bidders will be opened on **17.12.2018**, **3:30 PM**.
 - 9. The tender for each item should be sent separately. The main duly sealed envelope should super scribed TENDER FOR THE ITEM No.______ (NAME OF THE EQUIPMENT) DUE on 7.12.2018, 2:30 PM. FOR MANDI PROJECTS entitled "Setting up DNA finger Printing Laboratory" and "Strengthening of Biotechnology Centre" at BIOTECHNOLOGY CENTRE.
 - 10. If offers for more than one item are clubbed together, tender will be rejected.
 - 11. The tender offers should have a validity of 180 days or more from the due date. The tenders will be valid for 6 months from the date of opening.
 - 12. J.N. Krishi Vishwa Vidyalaya reserves the right to extend the opening due date and or the date of opening the tenders.
 - 13. All the leaflets in the offer should be original marked with signature and seal of authorized person.
- 5.
- 1. Preferably rate should be quoted in Indian Rupees.
- 2. The rates quoted should be for single complete unit with F.O.R. delivery at *JNKVV*, *Jabalpur campus*. The rates quoted should be inclusive of packing and forwarding charges/loading/unloading/handling charges/freight/full risk coverage insurance, etc. In case of imported goods all the expenses towards custom duty, clearing charges and transportation with insurance will be borne by the firm/tenderer and they must quote the rates **FOR**, *JNKVV*, *Jabalpur campus*.
- 3. Excise duty/GST/Custom duty (with and without concession certificate) and other levies, if any should be shown separately and the total price of each item should be worked out incorporating the same.
- 4. The institute will provide the custom duty exemption certificate, if necessary for the imported instrument on arrival of goods at the port.
- 5. Final rate quoted should incorporate all the discounts, Govt. subsidy etc.
- 6. Any other charges, such as technical service charges, cost of training, installation charges, etc. if any, should be shown separately for each item and each sub-item.
- 7. Prices for the main item along with accessories should be given separately.
- 8. All losses during transport will have to be borne by the tenderers.

Date: 03/10/2018

- 6. The tender should be accompanied by detailed printed technical literature with specifications, make and model number of each item and each sub-item quoted in the tender. Specifications given in the offer must match to the website and/or printed technical literature or better otherwise the offers shall be rejected.
- 7. Firm must provide a compliance statement vis-à-vis specifications in a "tabular form" clearly stating the compliance, supported by technical literature with clear reference. This statement must be signed, with the company seal, by the Tenderer for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the offer.
- 8. Complete illustrated and descriptive technical details, drawing of mechanical and electrical must be enclosed along with the supply of the machine. Salient features and details of consumables etc. in respect of each item offered should necessarily be furnished with the tender, in the form of a brochure or a duly signed declaration without which the offers will not be considered.
- 9. **Tender Document Cost:** The details of tender document can be downloaded from website (www.mpeproc.gov.in) and tender document cost **Rs 1,000=00 only** (Rupees One Thousand only) should be submitted on-line on the portal. No one shall be exempted from the remittance of Tender Document Cost.
- 10. **EMD:** The "**Technical Bid**" of the item must be accompanied by **Earnest Money Deposit (EMD)** in the form of Crossed Bank Draft/ Pay Order/ Banker's/ Manager's of any Nationalized Bank made in favour of "**Director, Biotechnology Centre, JNKVV, Jabalpur**". Without the earnest money in the above form, the offers will be rejected. The EMD in the form of **Firm's Cheque will not be accepted** and the **offers will be rejected**.
- 11. On approval of the tender, security deposit (10 % of the basic cost of item including accessories) should be deposited in terms of FDR valid for the warranty period of 2 years (two years) at nationalized bank payable to "Director, Biotechnology Centre, JNKVV, Jabalpur". Security deposit will be returned after successful completion of warranty. The security deposit shall have to be submitted at the time of receiving the supply order and the respective EMD will be returned.
- 12. The tenderers must provide original guarantee/warranty on manufacturer's letter head of satisfactory functioning of the equipment/system and free service including free replacement of parts for a period of at least 02 years from the date of successful and satisfactory installation of the equipment/system. Breakdown period should be attended within 10 days.
- 13. Payment Terms: The standard terms and conditions of payment are against delivery only after the successful installation/ demonstration/others and training to the satisfaction of JNKVV authorities. Payment to tenderer will made after deducting applicable taxes at source and for which necessary certificate will be issued. GST as applicable and HS code should be mentioned in tender.
- 14. Tender will not be considered if the firm does not supply a copy of the GSTIN & PAN allotted to it. PAN of the owner or any other persons will not be accepted.
- 15. All taxes including Entry Tax, Octroi etc. will be borne by the tenderer/supplier.
- 16. Please quote maximum discounted price, as no further negotiations will be made.
- 17. No advance payment will be made and documents for goods dispatched sent through bank shall not be accepted.
- 18. It is mandatory to quote the latest model of said equipment/machine for lab. Quoted item should not be refurbished instrument. The unit of the quoted equipment/ machine by the firm must have minimum three or more installed units in India at National laboratories/Research Institute/ Universities. The tenderer should furnish the names, addresses and purchase details of the users/govt. department etc. of each of the machines/equipment offered.

- 19. Machines offered should be new and of latest technology. Second hand, rebuilt, refurbished, reassembled or renovated machines shall not be accepted. An affirmation to this effect will have to be made on the tender form. Working power supply of the instrument should be 230V, 50 Hz.
- 20. Minimum one working demonstration on sight visit and training of equipment is to be provided by supplier/vender as and when required at their own cost.
- 21. Vendor should be able to demonstrate sensitivity parameter and other features claimed, at our laboratory with real sample.
- 22. The tenderer should give the details of after sales and supply of spares arrangements available for the machines offered.
- 23. Supplier should provide the list of items which are covered under consumables. The items not listed in the consumables would be considered as spare parts for the purpose of warranty obligation including replacement/repairs.
- 24. In the event of a tenderer withdrawing his tender within period of its validity entire earnest money and any other deposit made by him along with the tender submitted shall be forfeited.
- 25. If the approved tenderer fails to supply required machine, then Director, Biotechnology Centre, JNKVV, Jabalpur shall be at liberty to either re-tender or purchase such machine for next valid tenderer. In such condition the security deposit of defaulter tenderer shall be forfeited and loss incurred to Government shall be recoverable from him as arrear of Land Revenue.
- 26. Any deviation, variation of non-compliance of the terms and conditions by the tenders shall be considered as a breach of contract and JNKVV reserves the right to forfeit the amount of earnest money and/or security deposit in part or in full and take action as per legal arrangement. Tender which does not comply with any of the conditions is liable to rejection.
- 27. Prices shall remain unchanged during the contract period or 6 months from the date of commencement of agreement. The rate once approved by the Committee shall not be increased for any reason or under any circumstances—such as variation of exchange rates or increase in cost of product or increase in transportation etc. Supplier will be bound to supply on the same rates as quoted in the tender. No claim will be entertained for revision to a higher quantity slab, higher production/clearance slab of excise levy although payable by the manufacturer. The Director may accept revision in price, only in the event of any revision to the basic rate of excise duty, as applicable on the date of agreement, effected by the Govt. of India. A certificate regarding deposit of enhanced excise levy shall have to be furnished by the manufacturer/supplier.
- 28. If so desired by JNKVV, the bidders shall have to enter into an agreement.
- 29. On approval of the tender supplier should make the notarized agreement on the Rs. 100 stamp paper that aforesaid "Terms and Conditions" are agreeable to them. This should be signed and stamped in the presence of two witness and purchaser.
- 30. J.N. Krishi Vishwa Vidyalaya reserves the right to accept or reject any or all offers in full or in part without assigning any reason (s) therefore. It also reserves the right to place and order wholly or in part with one or more than one firm as they may be convenient to JNKVV.
- 31. Any judiciary matter shall be in Judiciary of Jabalpur only.
- 32. In case of disputes, decision of Vice Chancellor, JNKVV, Jabalpur will be final and acceptable to all the parties.
- 33. The Director, Biotechnology Centre, JNKVV, Jabalpur is not bound to accept the lowest or any tender and reserves the right to accept any tender in whole or in part and shall have the right to accept or reject any tender without assigning any reason.

- 34. The tenders shall have to give an undertaking that the terms and conditions as mentioned above in this tender are acceptable to the tenderers (In Annexure I).
- 35. Quantity mentioned in **Table No. 01** is tentative and may be changed without assigning any reason as per the requirement of the JNKVV.
- 36. Installation and trial run should be carried out at the supplier's risk.
- 37. The supplier shall also undertake that the firm have never been black listed by any Govt/Quasi Government firm in India and no case is pending at present against the firm. This should also be made clear in the tender as a preliminary undertaking.
- 38. During the erection/commissioning or performance during warranty period, if the machine supplied is found defective, improper or not as per the specification or of inferior quality or is not otherwise in accordance with the contract, then Director shall intimate this fact in writing to the supplier for rectification/replacement of such defective machine at their own cost to the entire satisfaction of the Director. In the event of their failure to do so as above, Director reserves the right to carry out such repair works at the risk and cost of defaulted supplier.
- 39. The purchase will depend on availability of funds and depends on feasibility of setting up the unit.

Director Biotechnology Centre JNKVV, Jabalpur

JAWAHARLAL NEHRU KRISHI VISHWAVIDYALAYA, JABALPUR (M.P)

Tender No. IPRO/BTC/2018-19/73

E-TENDER DOCUMENT

Important Dates

Sl.	Item	Bidder's	Sta	art	Exp	Envelopes	
No.	item	Stage	Date Time		Date	Time	
1.		Purchase of Online Tender	4.10.2018	4:00 PM	23.11.2018	11:55 PM	
2	Pre bid meeting at Conference Hall, Biotechnology Centre, JNKVV, Jabalpur		31.10.2018	11:00 AM			
	Inclusion of changes in technical specifications after pre-bid (if any)		3.11.2018	11:00 AM			
		Bid Submission Online			24.11.2018	11:55 PM	
3.	Submission of Technical/Physical Bid (Envelop A) at Office of Director, Biotechnology Centre, JNKVV, Jabalpur				7.12.2018	2:30 PM	
4.	Opening of Technical/Physical Bid (Envelope-A)		7.12.2018	3:00 PM			
5.	Opening of Financial/Price Bid (Envelope-B)		17.12.2018	3:30 PM			

Original term and deposit receipt of earnest money deposit (EMD, mandatory submission of all documents duly signed shall be submitted by bidder so as to reach the office as prescribed in Bid Data Sheet at specified time and date i.e 7/12/2018 at 2:30pm at office of Director, Biotechnology Centre, JNKVV, Jabalpur

Date: 03/10/2018

FORM OF CONTRACT

(to be submitted with Mandatory Submission Documents)

I/	We							her	eby	declar	e tha	t I/	We	und	ler	the
contract	to	supply	the	equipments	shall	abide	by	all	the	terms	mentio	oned	in	the	Ten	der
Form an	id d	condition	is of	f contract lai	id here	under :	_									

Conditions of Contract

- 1. This contract is for the period from to or maximum 6 months from the date of commencement of agreement for supply of articles mentioned. Director Extension Services will have power to extend the period of agreement.

And whereas, the firm has agreed to supply the said equipment(s) to the competent authority subject to the said terms and conditions.

Not therefore this Agreement witnesses and is hereby agreed to as follows:-

- (b) In the event of deficiency in the value of the security deposit as a result of forfeiture, or for any other reasons, the firm shall within seven days of receipt by him of a notice in that behalf, make up the deficiency.
- 4. Supply- The Firm shall complete the supply of the equipment(s) within stipulated time after receipt of supply order from the Director, Biotechnology Centre, JNKVV, Jabalpur as per specification(s).

- 5. I/We hereby declare that I/We have not been black listed or debarred as supplier by any Government Agency, Semi- Government Organization or Public Sector Undertaking.
- 6. The firm shall bear the stamp duty to which the agreement be liable.
- 7. In witnesses where of the parties where to have signed this Agreement on the day and year respectively mentioned against the signatures.

respectively mention	ed against the signatures.	
Dated the		

Witnesses:-

- 1. Signature of Firm with Seal
- 2. Stamp worth Rs. 100.00 (notarized)

Signature of the competent authority

JAWAHARLAL NEHRU KRISHI VISHWAVIDYALAYA, JABALPUR (M.P)

Tender No. IPRO/BTC/2018-19/73 Date: 03/10/2018

SUPPLEMENT / CHECK-LIST TO BE PROVIDED WITH TECHNICAL BID

ITEM No.	NAME	
1111111100	1 47 114 117	

Sl. No.	Information required	Yes/No	Page No. in the Tender
1.	Dully filled Tender Form along with the Technical Compliance statement (All the pages should be signed & initialed)		
2.	Receipt of Tender Document Fee of Rs. 1,000/= submitted online on www.mpeproc.gov.in		
2.	EMD in original of requisite amount submitted Earnest money deposit (EMD) attached with financial bid (DD No., Bankers name, date etc.)		
3.	Make of main item		
4.	Model of main item		
5.	Name of manufacturer of Main Item		
6.	Country of origin of main item		
7.	Make and model of sub item I (if any)		
8.	Make and model of sub-item II (if any)		
9.	Make and model of sub-item III (if any)		
10.	Delivery within (days)		
11.	Payment terms		
12.	Order to be placed on		
13.	Guarantee/Warrantee of 2 years		
14.	AMC charges of 1 st year after completion of 2 years warranty		
15.	Installation Charges (if any)		
16.	Validity (at least 180 days)		
17.	Delivery charges(if any)		
18.	Insurance charges(if any)		
19.	Training charges (if any)		
20	FOR: JNKVV, Jabalpur		

21	List of current users in Madhya Pradesh/India with contact details (Attach, if any)	
22	Certification of satisfactory working of the equipment (Attach, if any)	
23	Company Certification (ISO, etc.)	
24	Compliance of equipment with current directives of ISI / CE / EEC / US / EU or equivalent standards	
25	Whether manufacturer / authorized distributor /dealer/ agent? (Attach certificate)	
26	Technical literature/brochure of the system quoted in original (Attach, if any)	
27	Situations of Authorized service centres/ service personals etc.	
28	Relevant documents such as ITCC, ST registration shop Act. establishment certificate, factory registration etc. (Enlist)	
29	GSTIN and PAN allotted (Attach copy)	
30	Certificate of Business Registration	
31	Document in support of not being blacklisted by any organization	
32	Last 3 years IT return	
33	Last 3 years Sales turnover	
34	Certificate that supplied Item is NEW and not re- conditioned/refurbished	
35	Any other relevant information	

DECLARATION

The terms and conditions as mentioned in the tender are acceptable to us.

Signature of Tenderer

Revised

Item No. 5: Microscope with photographic attachment (1No.)

SPECIFICATIONS

- 1. Upright microscope with perfectly integrated LED illumination for a constant colour temperature.
- 2. TFT or LCD approx. 24 inch display showing all settings at a glance.
- 3. 6-7 fold coded nose piece/ programmable function buttons.
- 4. Image analyzer
- 5. Automated/ motorized condenser.
- 6. Mechanical stage with durable ceramic coated plate
- 7. Suitable objectives for Bright field, Phase contrast
- 8. Focusable Eye piece 10x/22mm or better

Accessories

- 9. HD camera Min 10 M Pixel or better. High definition live image min. 30fps [1920x1080] or better, stand alone operation without any PC possible.
- 10. HARDWARE Latest Branded Core I 7, 8GB RAM, 1TB HDD, 24" HD Monitor, NVDIA Graphic Card, Original operating system Window 10
- 11. Colour Printer- Inkjet, multi-functions Print Scan & Copy, Refillable Ink Tank Maximum Print Resolution 4800x1200 dpi for colour & 1200x1200 dpi for mono, print speed colour 16ppm
- 12. 2 KVA UPS for 4 hr backup on full load.

Feature

- 1. Programmable function keys to allow customized and ergonomically operation.
- 2. Provision for upgradation for fluorescence.
- 3. Objective 4x, 10x, 20x, 40x and 100x with bright field (Plan-acro).
- 4. Trinocular tube with variable beam splitters (100/0, 0/100).
- 5. Microscope, Camera and Software all three from same manufacturer, branded and compatible.

Note:- One extra set of LED bulbs Compatible to the microscope may be provided.