(A Constituent Unit of Binod Bihari Mahto Koyalanchal University,)

Re-Tender Notice Date: - 20.03.2021

Sealed quotations are invited from reputed bidders to quote their lowest possible rate for the supply of the under-mentioned goods/articles, subject to the following terms and conditions of BSK College, Maithon.

- 1. Upgradation of laboratory
- 2. Modernization of Library
- 3. Purchase of Computers for Computer Center

The BOQ may be downloaded from the college website. Last Date of submission of Tender is **26.03.2021 till 01.00 pm** and will be opened on dated **26.03.2021 at 3.00 pm**. Earnest money of Rs. 50,000/- (Refundable) (Fifty Thousand Only) should be deposited with tender in shape of Demand draft of any nationalized bank in favour of Principal, B.S.K. College, Maithon Dhanbad Payable at Dhanbad.

| Name of the office inviting Tender | Principal, B.S.K. College, Maithon, Dhanbad | | |
|--|---|--|--|
| Name of the work | Upgradation of Laboratory, Modernization of Library, and Purchase of Computers for Computer Center | | |
| Cost of tender paper (Non Refundable) | 1,000/- | | |
| EMD (Refundable) | 50,000/- | | |
| Start of downloading of document | From 20.03.2021 10:30 AM onwards to 26.03.2021 till 1 PM | | |
| Last date of Submission of tender paper | 26.03.2021 till 01:00 PM | | |
| Opening of tender | 26.03.2021 at 03:00 PM | | |
| Tender No. | | | |
| Demand Draft details (D.D.) | Rs. 1,000/- in favour Principal, B.S.K. College, Maithon Rs. 50,000/- in favour of Principal, B. S.K. College, Maithon | | |
| Name of the dealer/Supplier Receiving the tender | | | |
| Signature & seal of Authorized person | | | |
| | | | |

The College reserves the right to accept/ reject any or all the tender without assigning any reason.

(A Constituent Unit of Binod Bihari Mahto Koyalanchal University, Dhanbad)

The College reserves the right to accept/ reject any or all the tender without assigning any reason.

Tender Notice No.

B S K College, Maithon/TENDER/...../2021

Dated 20/03/2021

Signature of the Principal

(A Constituent Unit of Binod Bihari Mahto Koyalanchal University,)

Tender Notice No.: BSKC/AC/TEN/25/2021 Date: - 20.03.2021 due on 26.03.2021 till 01:00 PM. Terms and conditions

Properly sealed tender (in two Bid systems) should be submitted in the office of the undersigned either in person or by the registered post on or before 26.03.2021 till 03.00 pm. Tender received after due date and time, so whatever be the reason will be rejected/not accepted.

Terms & Conditions:-

The Photocopy duly attested by the firm with seal of under mentioned certificate should be submitted with the technical bid failing which the tender will be liable to rejected or should be rejected.

- The Firm submitting tender should have a minimum experience of three years in the concerned field.
 (Copy of work order minimum 3 order of not more than three years old) of same type of work and work completion certificate must be attached.)
- The sealed cover should be duly superscribed with the enquiry no. & date and name of the item quoted in block letter.
- Incomplete tender will be rejected
- Affidavits through first class Magistrate/ Notary Public, mentioning that "Our Company has not black listed or convicted in the past by any Organization or by any government/Semi government.
- The envelope marked technical bid will be opened first and only if the documents contained therein
 are found to be in order and qualify, then financial bid envelopes will be opened.
- The college should have all the right to reject/select lowest bidders if major variations are found in make/rates of the items quoted. The college reserves the right to cancel the tender process or accept or reject any tender without assigning any reason or relax any condition.
- In all cases of disputes, the decision of the College authority shall be final & binding on you.
- All the interested bidders are required to see Notice Board/Website of the college for any change./corrigendum and proper understanding of the requirement.
- Quantity and items may vary at the time of final order as per the availability of fund.
- Warranty must be mentioned in your offer for all the above items.
- Please make sure to mention unit price and cumulative price for all items that should be inclusive of all taxes, duties and other charges.
- Rate and amount of GST for each item is to be specified in the quotation.
- The payment will be made after submission of Tender paper, Work order, Agreement paper, warranty
 certificate, work completion certificate by the concerned member of purchase committee/ Departments
 regarding satisfactory installation / demonstration of work within one month, photographs & bills in
 triplicate.

(A Constituent Unit of Binod Bihari Mahto Koyalanchal University,)

1) Technical conditions:-

- a) Documents in support of having experience in the field of Lab/office Furniture, scientific supplier, computer lab and library work.
- b) Details profile of the agency.
- c) The bidder shall have to provide income tax paid last three financial year.
- d) The bidder should have to declare the make.
- e) The bidder should the Authorization from the manufacturer.
- f) The bidder shall submit in item proprietary certificate, in case of proprietary items.
- g) The bidder are requested to quote price of each items in the given list.

2) Financial condition:-

a) Earnest money 50000/-(Rs. Fifty thousand only) is to be deposited in the form of demand draft drawn any nationalized bank in favor of the Principal, B.S.K. College, Maithon along with tender.

3) Other Condition:-

- a) The sealed tender bid should be received by Registered post/Speed post/ by hand.
- b) The complete proposal along with relevant document and earnest money may be send to undersigned by.....26/03/2021...... before 01:00PM. The proposal received after the due date time shall not be entertained.
- c) The bids shall be open ... 26/03/2021.................. At 03:00 PM. In the office of the Principal, B.S.K. College, Maithon in front of the bidders or their authorized person (with valid authorization letter) to remain present during opening the bid. But it may be opened in absence of bidders/representatives at the specified date and time.
- d) The successful bidder shall have to enter into agreement with the Principal, B.S.K. College, Maithon,
- e) The bidder shall have to give technical bid and financial bid in two separated sealed envelope. The bidder who shall be qualify in the technical bid then only their financial bid shall be opened.
- Validity of the quotation will be at least 3 (three) months from the closing date of enquiry.
- Bidders must as far as possible, arrange to supply the materials within the stipulated time mentioned in the
 purchase order/work order. This delivery time must be strictly adhered to. Failure to supply within the
 specified time will lead to cancellation of the order without notice.
- After successful installation by bidder, technical support will be provided as and when required for duration of twelve months.
- It is mandatory to get the certificate from the officer of the concerned department as to whether the items/machines are running properly and in good condition after delivery to the college.
- In the case of delivery of all items stated in the tender, the best company of that items/machine should be given top priority.
- A bidder can bid for any one the items/ sections or for all sections stated in the tender.
- Anyone who is proficient in that specific field/section, can also apply only for that section/field.

(A Constituent Unit of Binod Bihari Mahto Koyalanchal University,)

 The entire payment will be made by Vinoba Bhave University as per Government norms. (Treasury Payment). For details visit our website www.bskcollge.ac.in.

Performa for Submitting the Technical Bid./Financial Bid

| Group: | |
|-------------|--|
| Department: | |

| - | Sl.No. | Name & Specification (Tender Specification) | | Qty. | Rate Per Unit | Rate of GST |
|---|--------|---|---------|------|------------------|-------------|
| | 1 | T. 1 | . , A.S | | | |

Principal 20.3.2

Principal
B.S.K College, Maithor
Dhanbad

(A Constituent Unit of Binod Bihari Mahto Koyalanchal University,)

COMPLIANCE CERTIFICATE (CHECK LIST) FOR NIT TERMS

(To be enclosed in the Technical bid)

| Sl. No | NIT Terms and Conditions | YES/NO |
|--------|---|--|
| 1. | Technical / Financial BID | |
| 2. | Validity of quoted rate (Minimum Six Month) | 18 19 19 19 19 19 |
| 3. | Tender Fee. Submitted Draft No: Date: | 1 Pm |
| 4. | EMD submitted | |
| | Draft No Date: | |
| 5. | GST Registration Certificate | |
| 6. | ISO/ISI certificate provided | The American Company |
| 7. | GEM Registration Certificated Attached | 70 () () () () () () () () () (|
| 8. | MSME Certificate Attached | |
| 9. | Payment terms agreed | i |
| 10. | Delivery terms agreed | 11 11 |
| 11. | Warranty period agreed | |
| 12. | Photo copy of PAN/Tin certificate | • |
| 13. | Audited A/C of annual turnover for last 3 years | |
| 14. | Literature/ Brochures/ Manuals provided | |
| 15. | Dealership / distributorship certificate (In case of dealers/agents) provided | j |
| 16. | After sales service: address in Jharkhand of after sales service centre | |
| 17. | Manufacturer certificate provided | |
| 18. | Order Copy of Different University and College Attach | |
| 19. | Firm has not been blacklisted for any reason Certificate attached | |

(A Constituent Unit of Binod Bihari Mahto Koyalanchal University,)

Computer Lab

| S. No. | Particu | llars | Proposed Company/ Brand | Approx. Qty. |
|--------|--------------------------------|-----------------------------------|----------------------------|---|
| 1. | Computer Desktop Core i3 1 | 0100, 10 th Generation | HP/Dell/Lenovo | 4 Pc |
| | Processor | | | |
| | RAM -4GB, 1TB HDD win | dow 10 +OEM MS | 1-, | i l |
| | Office with keyboard and mo | ouse | | |
| | Monitor 20" | | A PCAL Evange of Make | |
| | Warranty 1 year onsite | | | |
| 2. | UPS 600 | | APC/Zebronics/iball | 4 Pc |
| | Line interactive UPS | (ATR) | | 3.2.5 |
| | Auto restart while AC is reco | overing | | _ |
| | Double boost | | | |
| | Automatic voltage regulation | (AVR) | | |
| | Wide input range | | | 1 |
| | Microcontroller based | | | |
| | Generator compatible | | | |
| | | | | * 7 |
| | Specification: | | | |
| | Capacity | | | |
| | (VA/W) | 650VA/360W | | |
| 2 | | | | |
| - | Input Company of the statement | | | 1 |
| | Nominal voltage | 220-240 VAC | | |
| | Output | | , | |
| | Voltage range (AC mode) | 195-262Vac ±7Vac | | |
| | Voltage range (Batt. mode | 230VAC ± 10 % | | |
| | Battery | 2 (| | |
| | Battery type | 12V 7Ah x 1 no | | |
| | Charging current | 12V 7Ah x 1 no | | |
| | Recharge time | 4 hours to charge 909 | | |

| | | | T | |
|---------|--|---|-----------------------|-------------------------|
| 3. | Computer Toble Workstation | o for Dealston Commis | | * - 4 |
| | Computer Table Workstation Size: 48"x24"x30" made of | 1 IOI Desktop Computer | | 4 |
| | with 3 dowers and keyboard | nonal | | |
| 4. | Computer Chair (Revolving | Chair with Sast and | | |
| | Back Cushion with arms) | Chair with Seat and | | 4 |
| 5. | All in One Inkjet Printer M | ulti-function WiFi Color | | 1 |
| | Printer (Make- HP/ Cannon | (Rrother) | | 1 |
| | (| Biother) | | |
| | LIB | RARY MODERNISA | ATION | |
| | Particu | | Proposed Company/ | Approx. |
| S. No. | Particu | iars | Brand | Qty. |
| 1. | Computer Desktop Core i3 1 | 0100, 10 th Generation | HP/Dell/Lenovo | 5 |
| | Processor | | | |
| | RAM -4GB, 1TB HDD win | dow 10 +OEM MS | | L |
| | Office with keyboard and mouse | | , | |
| | Monitor 20" (With LAN Net | working) | | |
| | Warranty 1 year onsite | er sit file | The free large | 1. |
| 2. | UPS 600 | | | 5 |
| | Line interactive UPS | Carried on your section that | APC/Zebronics/iball | |
| | Auto restart while AC is reco | overing | | 1 |
| | Double boost | (4770) | | |
| | Automatic voltage regulation Wide input range | (AVK) | Kand Calibraka Forber | |
| | Microcontroller based | | | |
| | Generator compatible | | * | 1 5 3-4 |
| | Concrator companiole | 200 100 100 100 100 100 100 100 100 100 | 1 | |
| | Specification: | | | |
| | Capacity | \$6" | | |
| | (VA/W) | 650VA/360W | | A STATE OF THE STATE OF |
| a . | T. S. PARTIE | | | |
| - | Input | SELECTION SERVICES | | |
| 'a · | Nominal voltage | 220-240 VAC | 1 | |
| | Output | 10.000 | | |
| | Voltage range (AC mode) | 195-262Vac ±7Vac | | |
| | Voltage range (Batt. mode | 230VAC ± 10 % | | |
| | Battery | 101/541 | | |
| | Battery type | 12V 7Ah x 1 no | | |
| | Charging current | 12V 7Ah x 1 no | | |
| | Recharge time | 4 hours to charge 90% | | |
| 3. | Kiosks for news paper and ma | ngazines | | 1 |
| 4. | Xerox Machine with wifi, and | Mobile printing | | 1 |

| - | | | | |
|---------------|------------------------|-----------------------------------|---------------------------|------------|
| | Printing Technology | Specification | Canon/Brother/Epson | |
| | Printer Speed | 20 PPM, A4 | | |
| | Paper Size | A5 to A3 | | |
| | Print Resolution | 600*600 Dpi | | |
| | Scan Speed BW: | 20 sheets/minute | | |
| | | CL: 12 sheets/minute | | |
| | Scan resolution | 600*600 | | |
| | Reverse ADF | Yes, Inbuilt | 7 | |
| | Network Capabilities | Built-in Ethernet | | _ < |
| 1 | | 10/100 Base TX | 1 | |
| | Manuary | Network | | |
| | Memory | 512 MB | | |
| | Processor Speed | 600MHz | | |
| | Duty Cycle | 50000 Pages | }. | |
| 1 | Warranty | 1 Years | | |
| | Duplex Torrer Vield | Optional | | ı |
| | Toner Yield Drum Yield | Approx 10,000 sheets 60000 + | CINICAL PROPERTY OF THE | |
| 5. | | | HP/Canon/Epson | 1 |
| 5. | Printer | er Multi-function WiFi Color | HP/Canon/Epson | 1 |
| 6. | | ogy Specification Purification | | 1 |
| ν. | 15 liters/h | ogy specification I thirteation | | |
| _ | Storage 8 liters | | | 1495 |
| | Technology RO+UV | | Kent/LG/Eureka Forbes | |
| 1. | Water Type Soft Water | | Trong Boy Bur ona 1 01005 | |
| | Material ABS Food Gra | | | |
| | | nty + 3 Years Free Service | | |
| | AMC | s i spilatori e seta appatanting. | | |
| 7. | Inverter 1400 VA Inver | ter | | 1 |
| | Back Up Time | 7 hrs | 1.2 | |
| | Load Options | Load Upto 1400Va | (Luminous/ | |
| | Type | Square Wave Inverter | Microtek/Exide) | = 100 |
| | Model Name | UPS EB 1400VA Square | | E (4 4+1 1 |
| | | | | |
| | Material | iron | | |
| | Fixture Type | Square Wave Inverter | | |
| | Technology Used | Micro Controller Based I | | |
| | Solar Power Compatible | No | | |
| | Switch Type | yes | | |
| | Electrolyte Volume | 1200 L | | |
| North Control | Output Voltage | 220V-230V | | |
| | Input Voltage | 100V-300V | | |
| • | | | (Tumina a) | 1 |
| 8. | Tall Tubular 180Ah Ba | ittery | (Luminous/ | 1 |

| | Usage Home, Commercial | Microtek/Exide) | |
|--------|---|--|---|
| | Nominal Voltage 12 V | | |
| | Capacity 180Ah | the same and the s | |
| | Model No. IT500+ | And the second of the second o | |
| | Weight 60.0 Kg | We have a series of the contract of the series and processing | |
| | Dimension 89(w) x 414(H) mm | and the second of the second o | |
| 9. | Ceiling Fan | | 18 |
| | Blade size- 1200 mm (48 Inches); Super reliable and | * | The man |
| | efficient copper motor; Motor Speed:370rpm | 1) 4) - 9 | |
| | Simple design for simple lifestyle; Number of | The second secon | |
| di Sel | Poles: 12; Power Consumption (in Watts): 40; Number of Speed Setting: 5 | a see Canyon' Nesen | Maria de la compa |
| | Power consumption: 78 Watts; Inverter compatible | Display Display on Approving | - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 |
| | Air Delivery: 200 m3/min; Service Value: | USHA/Philips/Bajaj | r rgb |
| | 2.5 CMM/Watt; Bottom Cover material: | Edge Physical Lagran 9, 9 | 7 7 1 |
| | Aluminium | | |
| | Top Cover Material: CRCA; Downrod | | |
| | Length: 206 mm | | å |
| | Blade material: GP; Warranty: 2 year on | | . 1 |
| | product | | 1 20 |
| | Operating Voltage: 220 - 240 volts. | 2 20 40 74 37% 1 7748 0 | N 1 1 |
| | Reversible Rotation: No | | - |
| 14 | Includes: Motor box, Blades, Canopy set, Down rod, | 1 to visit be or high deposits | 1 242 4 |
| | Warranty card and User manual | 1 | |
| 10. | LED (Tube Light) | Havels/ Philips/Syska | 18 |
| 11. | LED Bulb 18W | Havels/ Philips/Syska | 18 |
| 12. | CCTV Camera with 8DVR (CP | 1,1 | 1 set |
| | Plus/Dahua/Panasonic) | | S 1 |
| | CCTV CAMERA WITH ALL ACCESSORIES | 1 8 | |
| | 1.2.4 MP CCTV Dome Camerawith Night | CP Plus/Panasonic | |
| | Vision- 6unit | .GT TRUST MINISORIO | |
| | 2.2.4 MP CCTV Bullet Camera with Night | | |
| | Vision-2unit | | |
| | Specification: | | |
| | a.HD IR Bullet Camera - 20Mtr. | | |
| | b. Equipped with fine IR LEDs for clearer night | | |

| | b. Equipped with fine IR LEDs for clearer night | | |
|--|---|--|-----|
| | vision | | |
| | c. Plug-n-Play HD/SD Camera 3.6 mmLens | 1 1 2 | |
| The state of the s | 2. HD DV 1 unit | The second secon | |
| , i | 3.1 TB 7200-RPM HDD (Seagate/WD) 1unit | The first of the Bellin States Williams | |
| | 4.3+1 CCTV Wire — 1PKT | | 1 |
| | 5. BNC Jack and DC Jack 1unit | | |
| r | SMPS 5 Amp - 12 V 1unit | | * * |
| | | W- | |
| | | | |

| | Physics (Apparatus | Acquireu) | |
|--------|---|------------------------------------|--------------|
| S. No. | Particulars | Proposed Company/ Brand | Approx. Qty. |
| 1. | To determine the coefficient of thermal Conductivity of Cu by Searle's Apparatus | Mars /Besto/Indosaw | 1 Pc |
| 2. | Determine Thermal Conductivity using Lee's Disc Apparatus (Complete Setup) Setup consists of: VERNIER Stop watch Heater Thermometer | Mars /Besto/Indosaw | 1 Pc |
| 3. | To study V-1 Characteristics of PN Junction | Mars /Besto/Indosaw | 1 Pc |
| | diode, and light emitting diode (Make-Mars /Besto/Indosaw) | | · ¢ |
| 4. | Zener Diode V-I Characteristics Apparatus with Aluminum Panel & Square Meters (Forward & Reverse) | Mars /Besto/Indosaw | 1 Pc |
| | Objective: To study Forward & ReverseV-I Characteristics of Zener Diode. Specifications: Instrument comprises | | |
| | of DC Regulated Power Supply 0- 15 VDC 150mA, two meter for voltage | jednine. Alengs of reality we have | |
| | & current measurement, Zener Diodes mounted behind the panel, connections of Supplies, Meters & Zener | | |
| | Diode brought out at 4mm Sockets. Features: | | |
| | High quality aluminium panel used for longer durability, High accuracy window | | |

| 1.2 | type square meters used in the kit. | | 1 10 |
|---|---|---------------------|---------|
| | High quality computer power cord and patch cords used | | |
| 5. | Two Stage RC Coupled Amplifier | Mars /Besto/Indosaw | 1 Pc |
| 5 | Objective: To study Frequency Response of Single stage & two | | |
| | Stage RC coupled & Direct coupled Common Emitter Transistor Amplifier. | | |
| 2 · · · · · · · · · · · · · · · · · · · | Specifications: Instrument comprises of fixed output DC Regulated Power Supply of 12V, toggle switch to isolate two stages, Circuit diagram is Printed & components mounted behind the front panel. | | Sylva i |
| 6. | Determine the Malus Law using Diode Laser (Complete Setup) This setup consists of following apparatus: LASER DIODE SOLAR CELL DIGITAL CURRENT METER | Mars /Besto/Indosaw | 1 Pc |
| | ANALYSER AND POLARISER OPTICAL BENCH | | |
| 7. | To find the specific rotation of sugar solution by using a polarimeter. • Polarimeter with polarimeter tube (30cm) • Beaker & measuring cylinder (100ml) • Sourceoflight (mercury vapour lamp with supply and stand) | Mars /Besto/Indosaw | 1 Pc |
| 8. | To Study the Polarization of light by reflection and determine the Polarizing angle for air – glan . interface | Mars /Besto/Indosaw | 1 Pc |
| 9. | To Verify stefan's Low of radiation and to determine steafn's Constant | Mars /Besto/Indosaw | 1 Pc |
| 10. | Boltzman constant Apparatus with PN Junction Diode with Aluminum Panel & Digital Panel Meters. | Mars /Besto/Indosaw | 1 Pc |
| 11. | Determine the Dispersive Power of the Material of the Prism for Violet & Yellow Colors of Mercury Light with the Help of Spectrometer (Complete Setup) | Mars /Besto/Indosaw | 1 Pc |

| 12 | Determine the Wavelength of Colins I ! 1.1 | 14 /D / // 1 | 1 |
|---------|--|--|------------|
| 12. | Determine the Wavelength of Sodium Light by | Mars /Besto/Indosaw | 1 Pc |
| | Fresnel's Biprism Kit (Complete Setup) | | |
| | Objective : Determine the Wavelength of | | |
| 1 m m m | Sodium Light | | |
| | Setup consists of: | | |
| | a) Optical Bench 1.5mtrs with Bi-Prism | | |
| - | Assembly | | 2 2 2 |
| - | b) Biprism | | |
| | c) Single Slit | | |
| | | | |
| | d) Convex Lens 10cm FL | | |
| | e) Sodium Vapour Lamp 35 Watt fitted in Box | | M. S |
| | With Transformer | | |
| 13. | Function Generator 1Hz to 200KHz with | Mars /Besto/Indosaw | 1pc |
| | Digital frequency counter | | - |
| | DC ~ 20MHz (Inbuilt 6 Digit seven) | | |
| | segment display frequency counter) | | |
| | | | |
| | CH 1 increment amplification function | | |
| . | for clear display Dual channel, X Y | | |
| | mode | | |
| | 6" display cathode ray tube, sensitivity | | . 9 |
| | triggering up to 1mV/division | | |
| | TV synchronous separation circuit to | | |
| | observe stable TV signal | | 7 |
| | Polarity reversal, CH 1Sync output | | 2 a |
| 14. | CRO 20MHz, Dual Channel, 2 Trace | Mars /Besto/Indosaw | 1 pc |
| 14. | • DC ~ 20MHz Inbuilt 6 Digit seven | Mais /Desto/Illuosaw | ı po |
| | | | |
| - | segment display frequency counter | | 1 |
| | CH 1 increment amplification | | |
| | function for clear display Dual | | |
| | channel, X Y mode | | |
| | • 6" display cathode ray tube, | | N SET |
| | | | |
| | sensitivity triggering up to | | |
| | 1mV/division | | r a series |
| 1 | TV synchronous separation circuit | | |
| | to observe stable TV signal | | |
| | Polarity reversal, CH 1Sync output | | 1144 |
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(A Constituent Unit of Binod Bihari Mahto Koyalanchal University,)

Technical Specifications: CRT ; 6' Rectangular screen with internal graticule, 8x 10 Div (1Div=1cm) **Vertical Deflection** Vertical Operation Mode :CH1, CH2, ADD, ALT, CHOP (CH1, CH2) Sensitivity :5mV/drv to 5V/drv ±3%. 1mV/div to 1V/div +5% (x5),10 steps Risetime :<17.2ns Inputimpedance : 1Mohm : 250V (DC+AC peak value) at 1kHz Max. Input voltage (250V.DC+AC) Input coupling AC, DC, GND Polarity selection : +(CH2only) Display mode :1,10, X-Y Horizontal Deflection Sweeptime : 0.2micros/div to 0.2s/div Sweep expansion :x10 Accuracy :3% Trigger System Triggering mode : Auto, NORM, TV-V, TV-H Trigger source : VERT, CH1, LINE, EXT Sensitivity auto :20Hz-20MHz(VERT) (Model ME 3020) :20Hz-30MHz(VERT)(ModelME3030ME3030F) :20Hz-60MHz(VERT) (Model ME 3060) :0.5div INT, 0.5Vp-p EXT Frequency norm TV-H :Atleast 1div or 1Vp-p Inputimpedance : 1Mohm X-Y Phase Difference : <3° DC-50"Hz Calibration waveform :Frequency: 1kHz 20%, Voltage: 0.5V 1% **Powerrequirement** :220 VAC +10% .50 Hz : 8.0Kg Approx. Weight Dimensions (mm) :310(L)x370(B)x 130(H)

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| | Chemistr | | 1 |
| S. No. | Particulars | Proposed Company/ Brand | Approx |
| | Tarticulars | | Qty. |
| 1. | Periodic Table Big | Bharat Graphic/ D Bios/ NC | 1 pc |
| | remodic Table big | Kansil | |
| 2. | Dhotomanh of Cointific 21 1142 on | Bharat Graphic/ D Bios/ NC | 12 pc |
| | Photograph of Scientific 31 x43cm | Kansil | |
| 3. | Reagent bottle 250ml glass | Borosil/Religlas/Besto | 24 pc |
| 4. | Reagent bottle 500ml glass | Borosil/Religlas/Besto | 24 pc |
| 5. | Reagent bottle 2 Litter glass | Borosil/Religlas/Besto | 12pc |
| 6. | Bunsen Burner | Borosil/Religlas/Besto | 24 pc |
| 7. | Rubber Tube for burner) | Delux/Religlas/Besto | 30 meter |
| 8. | Kipp's Apparatus glass medium Size | Borosil/ Religlas/Besto | 1 set |
| 9. | Digital Simple balance 6 kg Acc. 0.1gm | Aczet/Simadzu/Mars | 1pc |
| 10. | Digital Photo Colorimeter 8 filters, Mains | Labtronic/Systronic/EI | l pc |
| 10. | operated using latest microcontroller, with | Labitome/Systrome/E1 | 1 pc |
| | 2½ digit LED display, sample size 1ml. | | |
| | Auto Zero using touch keys. | | |
| 11 | | Talatana in IG. and a significant | 1 |
| 11. | Water & Soil Analysis Kit 3½ digit LCD | Labtronic/Systronic/EI | 1 pc |
| | display covering 7 parameters: pH, | | |
| | Conductivity, TDS, Salinity, Turbidity, | | |
| | Dissolved Oxygen & Temperature with | | |
| | rechargeable battery. Complete with | | |
| | accessories fitted in a quality ABS | | |
| | briefcase | | |
| 12. | Digital TDS Meter using latest | Labtronic/Systronic/EI | 1 pc |
| MALTERIA . | microcontroller, Auto Ranging (5 ranges | | والمراج والمساولات |

| ronic/Systronic/EI | 1 Pc |
|--------------------------------------|-------|
| | 11.00 |
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| s/Radical/Onix Vision | 1 Pc |
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| Angle Sentence (1922 - 1925) and the | |
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|-----|--|-------|---|-------|--------|-----|
| | Sensor Size: 5.7mm (H) x 4.28mm (V) | | | | | |
| | 1/2.5" | 1,711 | | | | |
| | Pixel Size: 2.2 μm x 2.2 μm | | 2 N | | | |
| | Resolution/Frame Rate: 2592 x 1944 (full | | | | 314 | |
| | resolution): 8FPS, | | | | | |
| | 640 x 480 (SUM): 30FPS | | | | 1.7 | |
| 2. | HCL | | rck/Himedia/BR Bio | | 1 P | |
| 3. | Antiserum ABD 5ml | | rck/Himedia/BR Bio | | 1 P | |
| 4. | Benedict's Reagent 500ml | | rck/Himedia/BR Bio | | 1 P | |
| 5. | Molish's Reagent 100ml | | rck/Himedia/BR Bio | | 1 P | |
| 6. | Albumin 5gm | Me | rck/Himedia/BR Bio | chem | 1 P | |
| 7. | Spirit 1 Liter | | | | 1 Li | |
| 8. | Test Tube | | Borosil/Religlas/Bes | | 1 P | |
| 9. | Test Tube Holder | | Borosil/Religlas/Bes | to | 1 P | |
| 10. | Distilled water 5 Liter. | Me | erck/Himedia/BR Biochem | | 1 ja | ır |
| 11. | Eosine yellow for microscopy 25gm | Me | erck/Himedia/BR Biochem | | 1 P | |
| 12. | Glycerin 500ml | Me | erck/Himedia/BR Biochem | | 1 P | c |
| 13. | DPX 250ml | Me | Merck/Himedia/BR Biochem | | 1 P | c |
| 14. | | | | | | u. |
| 15. | Xylol Mountant | Me | Merck/Himedia/BR Biochem | | 1 P | c |
| 16. | Museum Specimen (Common type) | × 1 | Biocraft/Delux/Besto | | 1 P | c |
| 17. | Slides | | Blue Star/Delux/Besto | | 2 pl | kt |
| 18. | Cover Slip | | Blue Star/Delux/Besto | | 2 pl | kt |
| 19. | Litmus Paper Red | | Test Lab/Delux/Besto | | 2 pl | ĸŧ |
| 20. | Litmus paper Blue | | Test Lab/Delux/Besto | | 2 pl | ct |
| 21. | Filter Paper 12.5 cm Round | | Test Lab/Delux/Besto | | 2 pl | κt |
| 22. | Measuring Flask 250ml | 2 | Borosil/Religlas/Besto | | 3 P | С |
| 23. | Cotton | | | Si . | 1 P | С |
| 24. | Needle | | | | 6 P | c |
| 27. | recuie | | 9 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | |
| 3 % | | | · , | | | |
| | Geography | | | | | |
| 1 | Automatic levels with stand. Magnification 24X, | | 2 : | Set | | |
| | + 2.00 mm.(Make-Lieca/ Eastman/Sokkia) | | | | | |
| | Specifications | | | | | |
| | Standard Deviation for 1km Double Leveling | g | | | | |
| | (ISO17123-2) 2.0mm Telescope Image Upri | | to the second | | | |
| | Magnification 24 x | 7 | | | | |

| | Objective Aperture 36mm | | |
|-------|--|------------|------|
| | Shortest Target Distance from Instr. Axis<1.0m | 9 3 | |
| ~ * . | Field of View at 100m < 2.1m | 8 | |
| | Setting Accuracy (standard deviation) <0.5" | | |
| | Sensitivity 8' (2mm) | ^ | |
| | Weight (net) 1.5kg | 1 2 KH g | |
| | Operating Temperature Range -20 to 40°C | | 1 |
| 2 | Topographical Map | 40) \$ 250 | 1. |
| A.) | Toposheet No. F45C6 (731/6) | | 30pc |
| B) | Toposheet No. F45C10(731/10) | | 30Pc |
| (C) | Toposheet No. F45C9 (731/9) | | 40Pc |
| | | | |

| | PSYCHOLOGY | |
|------|---|------|
| S No | Department Of Psychology Requirement List | Qty |
| 1 | Wooden almirah 8*8 fit | one |
| 2 | Word association test | One |
| 3 | Sinha's comprehensive anxiety scale | One |
| 4 | Ravens progressive matrices child, adult & advance | Five |
| 5 | Noise Sensitivity scale by Mohan Bhatia and Sahgal | One |
| 6 | Emotional Maturity scale | One |
| 7 | Social adjustment Inventory by R.C Deva | One |
| 8 | Life satisfaction scale by Pramod Kumar | One |
| 9 | Chatterjis non- verbal test of intelligence (NL.TV) | One |
| 10 | Ahluwalia Teachers attitude inventory | One |
| 11 | Verbal general intelligence test by Ram Naresh | One |
| 12 | Verbal general intelligence test Joshi | One |
| 13 | Differential personality scale by ARUN Kumar Singh | One |
| 14 | All part Vernon Lindsley scale of value | One |
| 15 | Edward personal preference schedule | One |
| 16 | Tripathi personal preference scale | One |
| 17 | Curtains two big window & two doors, Small Window one | |
| 18 | Scientists poster, brain poster & other organs poster | Ten |