

Quotation Notice

For the supply of Instrument, Materials & Equipment

Dean Govt Medical college, Gondia, invites quotation for the supply of Instrument for various Department from Manufacturer/Dealers. Details list & specification is enclosed. Interested supplier/dealer can send their quotation.

Quotation should be sent in sealed envelope (duly sealed by selling wax) by post or hand delivery so as to reach this office on or before 25/1/22 up to 25/1/22 Date & timing of the opening of quotation 25/1/22 at pm at college council Hall. Representative of the supplier may attend the meeting by submitting authorization letter.

1. The "Quotation" for Instruments and last Date 25/1/22 should be clearly written on cover.
2. Quotation, which received late, will not be accepted under any circumstances.
3. Rate should be for free delivery at Govt. Medical college, Gondia premises only. Rate should be quoted including all charges. Rates must be quote on letter head along with Pan, VAT, CST Number.
4. Quoted goods should be strictly accordingly to the specification mentioned in the list. Make Model of items should be specifically stated in quotation and catalogue/leaflets etc. should be submit along with the quotation.
5. After placing the order to lowest one, the order will have to executer in full within the stipulated time if the supplier fail to comply, within stipulated period after giving the order may be cancelled and he will be declared defaulter and his any offer will not be consider in future.
6. The undersigned reserved the rights to accept or reject any or all quotation without giving any reason.
7. The quotation should be sent in the name of the Dean, Govt. Medical College, Gondia.
8. Payment of the order goods will be made within 1 months from the date of supply & installation of the goods by CMP. For the CMP purpose (unregistered) supplier should submit copy of Pan Card, Cancelled Check, One photograph, & Bank Details.
9. The supplier should deliver the disc/chemicals/glassware in the concerned department of the institution.

Sr. No.	Name of Machinery	Qty	Rate
1	जेल कार्ड सिस्टीम अँड रिडर	१	
2	बायोसेप्टी कॅबिनेट	१	
3	प्लेटलेंट अँजीटेटर	२	
4	व्हिडिओ डिजिटल कोल्स्कोप	१	
5	मल्टीपॅरा मॉनिटर	४	
6	मल्टीपॅरा पेशंट मॉनिटर	४	
7	ब्लड कलेक्शन मॉनिटर	३	

Terms and conditions

- 1) Quotations are invited in Two bid envelop system. One envelop contains authority letter, specifications compliance chart, brochures and catalog.
- 2) Second envelop contains only price of equipment/instrument.


Dean

Government Medical college,
Gondia

शासकीय वैद्यकीय महाविद्यालय, गोंदिया
Government Medical College, Gondia

List for quotation
Name of Item with detail Specification

Sr. No	Name of Item
1	<p>Matrix Gel system & Matrix card reader CR-6800 cards (Blood Bank) Matrix CC 2400 Centrifuge Specification:-</p> <ul style="list-style-type: none"> • Microprocessor Controlled gel card centrifuge for controlled centrifuge of matrix gel cards. Centrifuge card having capacity of 24cards <p>Matrix work station Specification:-</p> <ul style="list-style-type: none"> • Acrylic material workstation for sample preparation & dilution using matrix gel card. <p>Matrix card warmaor CW(2400) Specification:-</p> <ul style="list-style-type: none"> • Seven segment LED display with front panel keys. Working temperature 379c(set temp Warm up time alarm (15 minute). Cards capacity- 24 cards. <p>Matrix Bottle top penser Specification:-</p> <ul style="list-style-type: none"> • Dispenser provided for use with Matrix Diluent 2 <p>Sample dispensing pipett Specification:-</p> <ul style="list-style-type: none"> • Matrix sample dispensing pipettes with fixed volume 10µl, 25 µl, 50 µl. <p>Micropipette Tips Specification:-</p> <ul style="list-style-type: none"> • Micropipette tips for matrix sample dispensing pipettes. <p>Matrix card reader CR-6800 Specification:-</p> <ul style="list-style-type: none"> • Sample & user friendly software • Compatible with 6&8 micro tube matrix Gel Card • Capable of reading strength of Reaction & interpretation of Results • Positive identification of Matrix Gel Card through Barcodes. • Complete Trace ability of Test Results, Sample & Operator. • Storage & Printing of test results long with original image. • LIS Completable
2	<p><u>Biosafety Cabinet</u> Specification:- Certification</p> <ul style="list-style-type: none"> • NSF 49/ EN 1249 or Equivalent standard <p>Design</p> <ul style="list-style-type: none"> • Approximately 4 Feet length X 2 feet Depth; Bio safety cabinets II, Type A2: 304 stainless steel interior; Epoxy-coated steel exterior; Removable, seamless, dished work surface with lift out knobs Door-Fully closing, clear½" tempered safety glass sash counter balanced with base stand. <p>Circulation</p> <ul style="list-style-type: none"> • Class 100, Supply and exhaust through HEPA filters, Inflow velocity of 105 fpm 90.5 m/sec), Down flow velocity of 55 fpm (0.3 m/sec), 70% air recirculation <p>Light</p> <ul style="list-style-type: none"> • UV and sufficient illumination for work space. <p>Gauges</p> <ul style="list-style-type: none"> • For monitoring the condition of all HEPA filters as well as work space. <p>Services Required</p>

	<ul style="list-style-type: none"> • Installation onsite validation; Calibration certificates, Manuals: operation, maintenance & part list with detailed specifications: operational & maintenance Training. <p>Power supply</p> <ul style="list-style-type: none"> • Should include 210-240V / 50 Hz <p>Recommendation</p> <ul style="list-style-type: none"> • Bio safety cabinets of class II, Type A2 is recommended for all viral Research Diagnostic labs (VRDL). Type B2 bio safety cabinets are recommended only for Bio safety Level 3 work.
3	<p><u>Platelet Agitator</u></p> <p>Construction</p> <ul style="list-style-type: none"> • Internal : Stainless steel (min 304 grade) • External Corrosion Resistant, at least 1 mm thickness. • Capacity: Designed to hold random plated packs or aphaeresis platelet packs or a mixture of both types (minimum 48 random platelet concentrate packs) • Transparent Door • Design of shelves: Shelves are made nonslip, corrosion resistant material coated with bacteria resistant material perforated to ensure air circulation and with sufficient clearance to minimize noise. • Gentle side to side agitation at 3.6-4 cm side to side, 60-70 stoke/minute. • Heavy duty ball bearing gear motor for noise less and continuous operation for 24 hours a day throughout the year. • Motor with internal fan. <p>Temperature</p> <ul style="list-style-type: none"> • 7 days chart recorder with free charts till warranty period. • Temperature controller with sensor <p>Refrigeration</p> <ul style="list-style-type: none"> • Non- CFC air cooled refrigeration. <p>Safety feature</p> <ul style="list-style-type: none"> • Audio alarm for temperature fluctuation additional alarm. • Auto stop for agitation when the door is opened. • Power failure alarm. <p>Push buttons switch with pause functions for temporary stoppage of the motion.</p> <p>Power supply: 220-240 volts at 50 Hz</p> <p>Products certification : CE or US FDA certified.</p>
4	<p><u>Digital Video Colposcope</u></p> <p>Full HD Colposcope</p> <ul style="list-style-type: none"> • Full HD Technology with CMOS Sensor • 1080p Resolution Sensor (1920x1080) • Aspect Ratio 16:9 • 25.2 Mega pixel • No need of Dongle & Capture Card • Multiple Grades of Electronic Green Filter • Recommended Lamp life 50000 Hrs. • Highest Quality 1-52x Magnification • Progressive Scanning Lines • Latest Digital Matrix Processor • Fine Advance & Fast Auto/Manual Focus- Fine Technology • E Flips & Mirror Image facility • Display of Genuine Tissue Color And Tone • Corner To corner Uniform Brightness • Real Time Display of Magnification • Acetic Acid Test Timer • Electronic Green Filter With No light loss • Black morphological filter • Minimum Illumination 0.1 Lux. • Remote Control Facility • Maintenance Free cold light source

	<ul style="list-style-type: none"> • Latest SWED Score & RCI Evaluation technology • Software has inbuilt 300 reference images <p>System Configuration, Accessories, Spares & Consumables</p> <ul style="list-style-type: none"> • Computer system of Branded Company with 512GB RAM & 1TB motherboard i7 processor. • All In One color printer Of Branded company capable of Printing photo paper <p>Multi-Function image processing Software</p> <ul style="list-style-type: none"> • Integrated Management of View Examination, Image Capture & Freeze, Recording, Observation, Processing. • Integrated To LAN and HIS • Reference pictures library To Help user • Statistics Mode with automatic flow chart facility is provided • Printing of multi format photo report with Hammond graph report • Powerful comparison to compare • Colposcopy REID evaluation • Report can be-E-Mailed as well <p>Power supply</p> <ul style="list-style-type: none"> • The unit should operate on 230-250 V AC, 50/60 Hz main supply • Battery backup of at least 2 hours. <p>Others</p> <ul style="list-style-type: none"> • Should have replacement warranty of 24 months for equipment. • Should have CMC for 5 years along with price list of all proprietary consumables if any & AMC subsequently. • Training of manpower • Training CD/DVD • Local service facility. • All the items must be from one manufacturer for smooth compatibility and working of the systems except computer system and printer. • All the equipment should be CE & USFDA approved from same manufacturer. <p>Scope of Supply/of Bill of Quantity</p> <ul style="list-style-type: none"> • Name of Item- Quantity • Computer- 01 • Printer- 01
5	<p><u>Multipara Monitor</u></p> <p>Description of Function</p> <ul style="list-style-type: none"> • Multipara monitor machine shows different vital parameters of the patients such as NIBP, HR, SPO, ECG, RR, Temperature with simultaneous display of all graphs supplied with applicable accessories. • Alarm indication: visual and audible alarms. • Display size min 10" – 12". • Dimension: Width: 300mm-340mm, Height:250mm-270mm. • Weight: 5kg-6kg. <p>Operational requirement:</p> <ul style="list-style-type: none"> • Demonstration of equipment & patient interface is must. <p>Technical Specifications</p> <ul style="list-style-type: none"> • Should have standard configuration as follows: ECG, HR, RESPIRATION, NIBP, SPO2, Temperature. • ECG- 1) Choice of lead I, II, III, AVr, aVI, aVF and V. 2) HR range: 0-300BPM (Accuracy + 1 BPM) • NIBP -1) Measurement method- oscillometric. 2) Measurement : Systolic, diastolic, and mean BP 3) Neonate Range: 10mmHg-130 mmHg 4) Pediatric Range: 10mmHG-230 mmHg • Respiration : 1) Method: Impedance 2) Measuring Range: 0 BPM-180 BPM 3) Aponea alarm

	<ul style="list-style-type: none"> • SPO2(Pulse Oximetry) – 1) Method digital SPO2 technology (Masimo/ Nellcor kohden). • 2) Range: 0%-100% • 3) Low perfusion index • Temperature: 1) Units: Celsius, Fahrenheit. • 2) Range: 0° C-50° C • Other : 1) should be ready for networking and connection to central monitors. • 2) Patient leakage less than 10pA. • 3) Should have defibrillation protection and auto pacemaker detection. • 4) Battery backup of minimum 4hrs without NIBP use. • 5) Patient storage data up to 5 days <p>System Configuration Accessories spares and consumables:</p> <ul style="list-style-type: none"> • Main Unit-01 • Power cord-01 • Earthing cable-01 • Operators Manual-01 • Warranty Card-01 <p>Environmental Factors</p> <ul style="list-style-type: none"> • Shall meet IEC-60601-1-2: 2001(or Equivalent BIS) • General Requirements of safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC – directive. <p>Power supply</p> <ul style="list-style-type: none"> • The unit should operate on UNION AC, 50Hz/60 Hz main supply. • Battery Backup of at least 2-3 <p>Standard, safety and training:</p> <ul style="list-style-type: none"> • Certified to be complaint with ANSI/IEC60601.2.12-01 Medical Electrical Equipment – Part 2-12: Particular requirements for the safety of lung Ventilators • Critical care Ventilators. • Should be FDA or CE approved product US FDA approval for intensive care of patients. • Should meet IEC 529 level3 (IP3X) (Spraying water) for enclosure protection, water ingress • Should have local service facility. • Should have 5 years CMC plan along AMC subsequently <p>Scope of supply:</p> <ul style="list-style-type: none"> • 5 lead ECG cable- 2 • NIBP cuffs (Adult & Pediatric 2 each) • SPO2 finger probe- (Adult & Pediatric 2 each) • Temperature Probe – (Skin and Rectal 1 each) • Trolley for monitor along with Inverter
6	<p><u>Multipara Patient Monitor</u></p> <p>Description of Function</p> <ul style="list-style-type: none"> • Multipara monitor machine shows different vital parameters of the patients such as NIBP, HR, SPO, ECG, RR, Temperature with simultaneous display of all graphs supplied with applicable accessories. • Alarm indication: visual and audible alarms. • Display size min 10" – 12". • Dimension: Width: 300mm-340mm, Height:250mm-270mm. • Weight: 5kg-6kg. <p>Operational requirement:</p> <ul style="list-style-type: none"> • Demonstration of equipment & patient interface is must. <p>Technical Specifications</p> <ul style="list-style-type: none"> • Should have standard configuration as follows: ECG, HR, RESPIRATION, NIBP, SPO2, Temperature. • ECG- 1) Choice of lead I, II, III, AVr, aVI, aVF and V. • 2) HR range: 0-300BPM (Accuracy + 1 BPM)

- **NIBP** -1) Measurement method- oscillometric.
2) Measurement : Systolic, diastolic, and mean BP
3) Neonate Range 10mmHg-130 mmHg
4) Pediatric Range 10mmHG-230 mmHg
- **Respiration** : 1) Method: Impedance
2) Measuring Range: 0 BPM-180 BPM
3) Apnea alarm
- **SPO2(Pulse Oximetry)** – 1) Method digital SPO2 technology
(Masimo/ Nellcor kohden).
2) Range: 0%-100%
3) Low perfusion index
- **Temperature**: 1) Units: Celsius, Fahrenheit.
2) Range: 0° C-50° C
- **Other** : 1) should be ready for networking and connection to central monitors.
2) Patient leakage less than 10pA.
3) Should have defibrillation protection and auto pacemaker detection.
4) Battery backup of minimum 4hrs without NIBP use.
5) Patient storage data up to 5 days

System Configuration Accessories spares and consumables:

- Main Unit-01
- Power cord-01
- Earthing cable-01
- Operators Manual-01
- Warranty Card-01

Environmental Factors

- Shall meet IEC-60601-1-2: 2001(or Equivalent BIS)
- General Requirements of safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC – directive.

Power supply

- The unit should operate on UNION AC, 50Hz/60 Hz main supply.
- Battery Backup of at least 2-3

Standard, safety and training:

- Certified to be complaint with ANSI/IEC60601.2.12-01 Medical Electrical
- Equipment – Part 2-12: Particular requirements for the safety of lung Ventilators
- Critical care Ventilators.
- Should be FDA or CE approved product US FDA approval for intensive care of patients.
- Should meet IEC 529 level3 (IP3X) (Spraying water) for enclosure protection, water ingress
- Should have local service facility.
- Should have 5 years CMC plan along AMC subsequently

Scope of supply:

- 5 lead ECG cable- 2
- NIBP cuffs (Adult & Pediatric 2 each)
- SPO2 finger probe- (Adult & Pediatric 2 each)
- Temperature Probe – (Skin and Rectal 1 each)
- Trolley for monitor along with Inverter

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Blood Collection Monitor

Specification

- Should comply ICE safety/ ISO 9001, ISO 13485 certified & CE marked
- Must have a weighing range of 50-500ml
- Must have automatic range of 50-500ml
- Must have automatic tare to zero for the bag weight
- Should have adjustable low & high flow alarms.
- Should have adjustable donation time out up to 20 minutes.

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| <ul style="list-style-type: none">• The default volume must be adjustable• Should clamp Automatically at termination of preset volume collection.• Should have option for manual clamps for usage in case of emergency.• Must have a weighing accuracy $\pm 2\%$• Must weight less than 6.7 kg inclusive of battery• Must have easily detachable tray for cleaning disinfection which are ompatuble with all bag systems• Must have LED indication on commencement of collection and indication with alarm at the end of collection• Must have LED indication like power, start, pause, debit flow, battery low battery full• Must have indication of time taken for collection• Must have indication with alarm if blood flow rate is high or low. |
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अधिष्ठाता

शासकीय वैद्यकीय महाविद्यालय,
गोंदिया.