

King George Medical University U.P., Lucknow

E- Tender Inviting Notice

Ref. No 01/E.E(E/M)/26

Date: 01.04.2026

Online bids are invited under two bid system latest by 16.04.2026 for Supply, fixing Testing and commissioning of Medical Gas Pipeline System work in Casualty at Trauma Centre, King George Medical University U.P Lucknow, interested Indian Company/contractor can apply on the terms and conditions as per Tender documents. Tender document can be viewed at E-Tender: <https://e-tender.up.nic.in> and KGMU website [www.kgmu.Org](http://www.kgmu.Org)

(Electrical/Mechanical Department)

Tender Document For works related to Supply, fixing Testing and commissioning of Medical Gas Pipeline System work in Casualty at Trauma Centre, King George Medical University U.P Lucknow.

Publishing Date	:	06.04.2026	5.30PM
Document Download/sale start date	:	06.04.2026	5.30PM
Clarification Start date	:	08.04.2026	4.00PM
Clarification End date	:	08.04.2026	2.00 PM
Pre-Bid date	:	09.04.2026	2.00PM
Per-Bid meeting place & address	:	Executive Engineer Room	
Bid Submission Start date	:	10.04.2026	2.00PM
Last Date of Bid Submission	:	16.04.2026	12.00PM
Date of Opening Technical Bid	:	16.04.2026	2.00PM

Note:- 1. Cost of Tender forms:- Rs. 4316+GST

EMD Rs. 57551.00

Tender documents may By downloaded from web site:-<http://e-tender.up.nic.in>

Terms and conditions:-

1. Tender document can be downloaded from University website at E-Tender: <https://e-tender.up.nic.in> and KGMU website [www.kgmu.org](http://www.kgmu.org). But the tender must be accompanied by Non-refundable tender Fees, Rs. 4316.00+GST in form of D.D drawn from any scheduled bank, in favor of Finance officer, King George Medical University U.P Lucknow. Payable at Lucknow will be necessarily attached with technical bid otherwise tender will be rejected.
2. Bid must be accompanied by refundable tender EMD, as indicated in the Checklist, to be submitted of any Commercial/Nationalized Schedule bank, Rs. 57551.00(Fifty seven thousand five Hundred fifty only) in favors of "Finance Officer, KGMU, Lucknow" payable at Lucknow. If the office happens to be closed on the date of opening of the bids as specified, the bids will be opened offline on the next working day respectively, at the same time and validity of bid will be considered from the original date. The date and time of opening of the financial bid may be notified on website. The Financial bid shall be accordingly opened online.
3. **Validity of Tender:** the tender will remain valid for 6 month from the date of opening (due date).
4. The Hon'ble Vice-chancellor King George Medical University U.P Lucknow. 226003. Reserves the right to extend the validity of tender beyond six month, if desired.
5. You will hand over the executed work which is duly commissioned and in perfect working order.
6. The tender will have to be submitted in two separate Envelop one of which shall contain the technical requirement and shall be opened first. Only upon approval of this or by agreement of the committee the financial bid shall be opened after final decision and possible negotiation.
7. All MGPS works will be done as per NFPA/HTM/BIS/BS/IS-O 9170-1/ NIST or DISS/ISO 5359/EN ISO 11197/ISO 10524-02/ ISO 10524-2(as applicable). The quality of items must have international standards.
8. Rates are Exclusive of all kind of taxes/duties etc. nothing will be paid extra.
9. The contractor/tenderer should have experience in the similar work in any Government/semi government/autonomous Hospital/ Medical college in installation and commissioning of Medical Gas Pipeline system (MGPS).
10. The taxes will be deducted by the university as per rule.
11. The contractor/agency shall complete the work within a week from the date of issue of the work order, if contractor fails to do so, appropriate penalty will be imposed as per the University rules.
12. The contractor/agency shall repair/maintain all defects of the existing structure/system/building etc. Occurred due to installation/commissioning of MGPS.
13. The contractor/agency shall provide warranty against any designing/manufacturing/installation/commissioning defects for a period of 1 Year from the date of complete installation/testing/commissioning/handover of MGPS.
14. The quantities and sizes of copper pipes are approximate, the agency/contractor are required to design the MGPS system/proportionate the copper pipe of different sizes.
15. The contractor should have a minimum average annual turnover of Rs. 14.38 Lakh for the last three financial Years.
16. Applicants will be eligible for technical evaluation only if their work experience of having successfully completed MGPS works(Similar work) during the last seven years ending previous day of last date of submission of application as detailed below:
  - (i). One similar completed work costing not less than the amount equal to Rs. 23.02 lakh,
  - or
  - (ii). Two similar completed works costing not less than the amount equal to Rs. 17.26 lakh,

or

- (iii). Three similar completed works costing not less than the amount equal to Rs. 11.51 lakh
17. The applicant should have bank solvency/Net worth Certificate of Rs. 11.51 lakh.
  18. The Contractor should have Character Certificate issued by District Magistrate.
  19. The Contractor should have valid PAN Number with attested photostate copies of registration certificate.
  20. The contractor will show the samples of their different product to the committee at the time of opening of technical bid. The price bid of only that bidder will be open whose products are approved by technical committee after demonstration.
  21. This contract is subjected to the Jurisdiction of Lucknow court only.
  22. In case of any dispute including quality and performance the decision of Hon'ble Vice-Chancellor, King George Medical University U.P Lucknow.
  23. GST registration number with attested photostate copies of registration certificate.
  24. Experience in trade relating job/supply may be mentioned with proof.
  25. A copy of trade- tax/commercial tax Registration certificate dully attested by a Gazetted officer, should also been closed.
  26. Trade tax/commercial tax clearance certificate and acknowledgement for filling latest income tax Return along with a notarized affidavit, that the tenderer has never been black listed must be attached along with the tender failing which the tender will be rejected.
  27. In case of non-supply of materials/equipment/machines and/or completion of work within stipulated period, it will be at the discretion of the King George Medical university U.P Lucknow. to accept this with penalty clause @2% per week maximum to the extent of 10% of the ordered valve of work/supply.
  28. The successful contractor has to perform all the required/associated work/repairing/shifting/dismantling to MGPS items etc. at their own cost, if required for perfect functioning of MGPS.
  29. Successful tenderer will be full responsible for any accident or mishap involving workers engaged by him and any claim made on this part will be paid by the successful tenderer. The successful Tenderer shall indemnify the university from any claims arising out of accidents or mishaps, disabilities of any nature of death, or arising out of provisions under law or of any other nature in respect of all workers engaged Successful Tenderer.
  30. The Successful bidder has to deposit 10% of the tenderer Cost as Bid Security. (Shall be Paid in shape of FDR for a Period of 15 Month).
  31. Any case of any query Shree Umesh Chandra yadav Assistant Engineer(E/M) (Mobile No. 9450397988) and Shree Dinesh Kumar Electronic Assistant (Mobile No. 9451177963).
  32. The university will have the right to reject/cancel all or any of any of the tender without assigning any reason.

**Note:**

1. The interested bidders are requested to visit the site of proposed work to check the actual position accurate proposal planning.
2. They are requested to coordinate this visit with the concern head of the department

Executive Engineer  
(Electrical/Mechanical)Department

## Technical Specification

### 1. Distribution piping

The scope of work shall cover all distribution, piping and terminal units for oxygen and vacuum in order to provide standard flow rate and pressure at the proposed outlet point. The specification for distribution piping system should be:

**Material (Pipe) :** the piped distribution system shall use copper pipes manufactured from phosphorous de- Oxidized non-arsenical copper, seamless, half hard, tempered to comply with confirming to latest BS:EN:13348, LLYOD Certified, ASTM-B 819.00;2002 standards. Pipes are to be degreased suitable for oxygen use.

Fitting shall be end feed type, manufactured from the same grade of copper as the pipes and be in accordance with the requirements of BS:EN:1254-1:1998 Part Fittings shall be degreased suitable for oxygen use and supplied sealed in protective polythene bags. Copper to copper joints shall be made on site using a liver-copper-phosphorus brazing alloy to BS 1845 using an oxygen free nitrogen inert gas shield and no flux. Copper to brass or gunmetal joints shall not be made on site. Except or mechanical joints used for components, all metallic pipeline joints shall be brazed or welded. The method used for brazing or welding shall permit the joint to maintain their mechanical characteristics up to 6000C. Filler metal for brazing shall be cadmium free (less than 0.025% mass Fraction). Medical gas pipeline shall be bonded to an earth terminal as near as possible to the point at which the pipeline enters the building. If pipeline placed underground the shall be placed in duct or tunnels. The duct and tunnels shall be provided with adequate drainage to prevent water accumulation. Pipeline shall be supported at interval to prevent sagging or distortion. The maximum interval between support for metallic and nonmetallic pipes should not exceed as specified in relevant standards/codes.

### 2. Isolation Valves

All valves will be suitable for the pipe diameter and should be non-lubricated 90 degree turn lever imported ball valves with PTFE seat, having opening by quarter turn of handle sizes should be appropriate for copper pipes with screw threaded ends. All valves will be pneumatically tested for twice the working pressure and degreased for medical gas service before supply.

### 3. Area Valve Service Unit (AVSU) with Integrated Digital Alarm:

The Area Valve Service Unit (AVSU) shall be designed for isolating, monitoring, and providing emergency access to medical gas pipelines in designated zones such as ICUs, Operating Theatres, and ward areas. Each unit shall be equipped with individual quarter-turn ball valves for each gas line, conforming to BS standards and suitable for pressures up to 16 bar. Valves shall be constructed from brass, with handles and clearly marked gas identification labels. The AVSU shall accommodate Oxygen, Vacuum, Medical Air lines.

An integrated digital alarm system shall be provided within the AVSU to monitor real-time pressure status of each gas line. The alarm shall feature a backlit LED display indicating high/low pressure alerts, with visual indicators (LEDs) and an audible buzzer, including mute and reset functions. The system shall comply with HTM 02-01, ISO 7396-1, and IEC 60601 standards. It shall operate on 230V AC power supply.

The AVSU shall be housed in a lockable powder-coated MS cabinet with a transparent acrylic glass front panel for clear visibility of valves and alarm indicators. The unit shall be wall-mounted with concealed pipeline connections. The complete unit shall be CE marked or equivalent, and supplied with a minimum warranty of one (01) year. Installation shall be carried out by OEM-authorized technical personnel.

### 4. BS Type Medical Gas Outlet:

The BS Type Medical Gas Outlet shall be designed for safe, reliable, and leak-proof delivery of medical gases at the patient interface, conforming to BS EN ISO 9170-1 and HTM 02-01 standards. Each outlet shall be gas-specific and incorporate a non-interchangeable safety mechanism to prevent cross-connection of gases. The outlet shall be suitable for Oxygen, Vacuum, Medical Air and shall accept only matching BS-type probes with a push-fit and quick-release mechanism. The outlet shall be front serviceable, allowing maintenance without disturbing the pipeline, and shall include a shut-off valve for isolation during servicing.

The body of the outlet shall be constructed from high-grade brass. It shall be equipped with a color-coded fascia plate and gas identification label as per ISO 32 standards. The outlet shall be 100% factory tested for leakage, flow rate, and mechanical integrity, and shall be compatible with modular OT panels, bed head units, and wall-mounting configurations. Each outlet shall be CE marked or equivalent, and supplied with a minimum warranty of one (01) year..

#### 5. Oxygen BPC Flow meter with Humidifier Bottle

The Oxygen BPC (Back Pressure Compensated) Flow meter with Humidifier Bottle shall be designed for precise regulation and delivery of medical-grade oxygen to patients, conforming to hospital safety and performance standards. The flow meter shall be calibrated to deliver oxygen in the range of 0–15 LPM with clear markings on a polycarbonate flow tube. It shall incorporate a back-pressure compensated mechanism to ensure accurate flow irrespective of downstream resistance, and shall include a precision needle valve for smooth flow adjustment. The body shall be constructed from chrome-plated brass or anodized aluminum, ensuring durability and corrosion resistance.

The flow meter shall be fitted with a standard  $\frac{3}{8}$ " BSP inlet connection compatible with BS type oxygen outlets, and shall include a swivelling outlet nozzle for connection to nasal cannula or oxygen mask tubing. The humidifier bottle shall be made of autoclavable polycarbonate or medical-grade polymer, with a minimum capacity of 200 ml, and shall include a diffuser to ensure effective humidification of oxygen. The bottle shall be transparent for easy water level monitoring and fitted with a secure threaded cap to prevent leakage.

The complete assembly shall be CE marked or equivalent, and tested for flow accuracy, leak resistance, and structural integrity. It shall be suitable for use in ICUs, wards, and emergency care settings. The product shall be supplied with a minimum warranty of one (01) year, and installation shall be carried out by OEM-authorized personnel wherever applicable.

#### 6. Ward Vacuum Unit with 600/1000ml Jar

The Ward Vacuum Unit with 600/1000ml Jar shall be a high-quality medical device designed for fluid suctioning in general wards, recovery rooms, and minor procedure areas. The unit shall be equipped with a back-pressure compensated vacuum regulator that ensures precise suction control. The regulator body shall be constructed from chrome-plated brass or anodized aluminum, featuring an adjustable knob with a clearly calibrated scale ranging from 0–760 mmHg or 0–100 kPa. An ON/OFF switch or shut-off valve shall be integrated for operational safety.

The collection jar shall have a minimum capacity of 600/1000 ml and be made of transparent, autoclavable polycarbonate or medical-grade polymer. It shall include graduated volume markings for easy monitoring and an overflow protection valve to prevent fluid backflow into the regulator. The jar lid shall be leak-proof and fitted with an integrated bacterial filter. The unit shall be mounted using a wall or rail-compatible bracket made of stainless steel or powder-coated aluminum, featuring a quick-release mechanism for easy jar removal and cleaning.

The unit shall be compatible with BS-type vacuum outlets, fitted with a 5/8" BSP male inlet connector and an outlet nozzle suitable for suction tubing or catheter connection. All connections shall be leak-proof and resistant to repeated sterilization. The product shall be CE marked or ISO 13485 certified, and tested for vacuum regulation accuracy, leak resistance, and structural durability. A minimum warranty of one (01) year shall be provided from the date of supply, and installation shall be carried out by OEM-authorized personnel.

#### 7. Nurse Call System (Bedside Call Button Unit) Console Unit

The Console Unit displays real-time bed numbers using a multi-colour 7-segment display (0.5" R, G, B). It features voice alerts for incoming calls, enhancing nurse responsiveness. The unit includes three functional keys:

- TEST: Flashes all display windows to verify device functionality.
- RESET: Clears all data.
- ACK: Acknowledges patient calls, stabilizes the flashing display, and silences the voice module until the call is cleared.

It connects to the Nurse Call Hub via a 2-wire connector. The unit is available in table-top or wall-mounted formats, with dimensions of 310 x 40 x 205 mm. It operates on 230V AC power and weighs approximately 3.5 kg. The enclosure is made of powder-coated mild steel with vinyl/PVC labeling.

#### Nurse Call Hub (HUB Unit)

The HUB Unit is microcontroller-based and interfaces with up to 16 bed modules and the nurse station console. It features a 16x2 green backlit LCD display to show module status and uses terminal strips for easy wiring. It connects to Door Indicators, Bed Calling Units, and Toilet Calling Units via a 4-wire connector. The unit is wall-mounted with vertical orientation and measures 205 x 60 x 255 mm. The enclosure is made of powder-coated mild steel with vinyl/PVC stickers.

#### Bed Calling Unit (BCU)

The Bed Calling Unit is a microcontroller-based device that manages all room modules including the Door Indicator and Toilet Calling Unit. It features five soft-touch keys: HELP, CARE, CALL, CODE BLUE, and CLEAR. The CALL key initiates a nurse call, while the CLEAR key is used by attending staff to cancel it. The unit includes CODE BLUE functionality for emergency doctor alerts. It fits into a three-module electrical switch outlet and operates on less than 500 mW at 24VDC. It connects to the Door Indicator via a 4-wire connector and uses a 4-pin push connector for wiring. Dimensions are 111 x 30 x 80 mm, housed in a plastic enclosure.

#### Remote Unit

The Remote Unit is housed in a high-impact, fluid-resistant plastic enclosure. It allows patients to initiate a nurse call via a single-button handset integrated with the Bed Calling Unit. The remote is fixed with a 1-meter wire. Dimensions are 30 x 22 x 40 mm.

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## Check List/Technical Bid

(To be fill tendered & submitted by the Tendered in Tender Bid Part -I)

### IMPORTANT INSTRUCTIONS TO THE TENDERERS

Your Tender shall not be considered, if you fail to submit this proforma duly filled. Replies should be complete without ambiguity and should be clearly written against each item.

Sl. No.	Particulars	Page No	Enclose / Yes/No
1.	Tender Fee No.....Dated..... (Non Refundable)		
2.	Earnest Money (EMD) No.....Dated..... (shall be paid in shape of FDR for 24 Months duration)		
3.	Tender Acceptance of Bidding terms & conditions. (Profarma A)		
4.	Furnish Turnover details as mentioned in clause 15 of terms and conditions of tender document.		
5.	Furnish work experience details as mentioned in clause 16 of terms and conditions of tender document.		
6.	Furnish bank solvency /Net worth Certificate details as mentioned in clause 17 of terms and conditions of tender document.		
7.	Name & Address of the Tenderer/Bank details stating name of bank, branch, A/C no, type of A/C etc. (Profarma B)		
8.	Financial details stating your Balance sheet, Assets etc for last three years by C.A..		
9.	Whether you have been convicted black listed, punished, sentenced, bailed by any court of law. Notarized affidavit on Rs 10 Non Judicial Stamp Paper(Profarma C)		
10.	The certified copy of the latest income tax clearance Certificate/Income Tax return.		
11.	PAN No of Bidder		
12.	GST REG. NO of Bidder		
Date:			
Place:		Signature of the Tenderer with Co. seal	

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Signature

## TENDER PROFORMA A

### Acceptance of Tender Terms & Conditions

(To be submitted on letterhead of the Bidder)

To,  
The Executive Engineer(E/M)  
King George's Medical University UP  
Chowk Lucknow -226003

Sub: Acceptance of Terms and Conditions of tender

Tender Reference No:.....

Sir,

1. I/we have downloaded the tender documents for the above-mentioned Tender/work from the website(s) as per your advertisement.
2. I/we hereby certify that I/we have read the entire terms and conditions of the tender documents including all documents like annexure(s), schedules(s) etc., which are form part of the contract agreement and I/we shall a bid here by the terms/ conditions/clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/organization too have also been taken into consideration, while submitting this acceptance letter.
4. I/we hereby unconditionally accept the tender terms & conditions of above-mentioned tender document(s)/corrigendum(s) in totality/entirely.
5. I/we do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public Sector Undertaking.
6. I/we do hereby declare that our firm / partners / proprietor of the company has not been convicted or punished by Hon'ble Court of Law. There is no criminal prosecution, in which a charge sheet has been issued, or any case is pending against any of us.
7. I/we certify that all information furnished by our Firm is true and correct and in the event the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason thereof or summarily reject the bid or terminate the contract, without prejudice to any other rights including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,


Name & Signature of the Bidder

## TENDER PROFORMA B

### Personal and Banking Details

(To be submitted on letter head of the Bidder)

1	<b>Particulars of the Bidder:</b>	
1.1	Name of the Bidder	
1.2	Legal status of the Bidder :An individual/A proprietor firm/A firm in partnership/A Limited Company or Corporation/Society	
1.3	Name of Proprietor/Director of the Bidder	
1.4	Registered office address	
1.5	Office address at Lucknow (if any)	
1.6	Contact numbers of the Bidder (Landline & Mobile no.)	
1.7	E-mail of the Bidder	
2	<b>Bank Details of Bidder:</b>	
2.1	Bank Name	
2.2	Branch Address	
2.3	Account No.	
2.4	Type of Account (Current/Saving)	
2.5	IFSC code	

 Name & Signature of the Bidder



**TENDER PROFORMA C**

**SAMPLE FORMAT**

**UNDERTAKING**

This is to confirm that the Tender \_\_\_\_\_ is not involved in any litigation or arbitration during the last three years in which the Tender is involved, the parties concerned, the disputed amount, and the matter and the Tender have not been convicted/black listed.

Also Tender M/s \_\_\_\_\_ have not been black listed, bailed punished, sentenced by any court of law.

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Signature of Tender

Seal of the Tender

**KING GEORGE'S MEDICAL UNIVERSITY U.P LUCKNOW.**

**UTTAR PRADESH**

**Executive Engineer (Electrical/Mechanical) KGMU, LUCKNOW**

**SHAH MINA ROAD, LUCKNOW, UTTAR PRADESH- 226003**

**COVER- 2 FINANCIAL BID**

**FOR THE WORK: AS PER DESCRIPTION**

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## (BOQ/Estimated Cost of the Work Part)

The Supply, fixing Testing and commissioning of Medical Gas Pipeline System work in Casualty at Trauma Center, King George Medical University U.P Lucknow.

Sr.No.	Description	Unit	Qty	Rate	Amount Without GST
1.	Supply, fixing testing and commissioning of Medical Grade Copper Pipe used should be half drawn, tamped seamless phosphorous Deoxidized non-arsenic and degreased confirming to latest BS: EN: 13348, LLOYD Certified, including casing conduct etc. of suitable size & quality for underground and Overhead pipes and all Accessories like bends, tees, reducers etc. (Complete in all respect.)				
a.	12 MM (OD) x0.9 MM thick	Mtr	338	512.00	173056.00
b.	15 MM (OD) x0.9 MM thick	Mtr	125	756.00	94500.00
c.	22 MM (OD) x0.9 MM thick	Mtr	105	1,071.00	112455.00
2.	Supply, fixing testing and commissioning of Terminal Outlets gas specific for the services indicated (viz. O2, Air & Vacuum) and to accept only compatible quick connect Pin/Geometric Index type adapters as per ISO 7396 standard. Manufactured in compliance with CE and ISO 13485.				00.00
a.	BS Type Oxygen Outlet with matching probe/adaptor.	Nos	80	3,250.00	260000.00
b.	BS Type Medical Air Outlet with matching probe/adaptor.	Nos	40	3,250.00	130000.00
c.	BS Type Vacuum Outlet with matching probe/adaptor.	Nos	80	3,250.00	260000.00
3.	The Bed Head Panel (size 2.5ft) shall be wall-mounted and fabricated using high-grade extruded aluminum profiles with a powder-coated finish, ensuring corrosion resistance and long-term durability. The panel shall be equipped with five (05) medical gas outlet points conforming strictly to BS Standard, color-coded as per HTM 02-01 / ISO 7396-1 guidelines. Accessories shall include one (01) wall-mounted stainless steel utility basket for suction unit/suction Jar. The complete assembly shall comply with HTM 02-01, ISO 7396-1, and IEC 60601 standards	Nos	40	8825.00	353000.00
4.	Supply, fixing, testing and commissioning of Gas lockable AVSU/CONTROL-CLOSING VALVE BOXES with integrated alarm system as required. Microprocessor based module. Digital LED display of "Normal", "High" & "Low". Digital pressure unit display options - psi/ bar or kg/cm2. Audio Mute option.				00.00
A.	3 Gases AVSU	Nos	02	28,000.00	56000.00

5.	The Nurse Call System proposed herein is designed to serve 40 patient beds with a basic patient calling functionality. Each bed shall be equipped with a bed head panel-integrated push-button call unit, allowing patients to alert nursing staff promptly. The Bed Calling Unit is a microcontroller-based device that manages all room modules. It features five soft-touch keys: HELP, CARE, CALL, CODE BLUE, and CLEAR. The CALL key initiates a nurse call, while the CLEAR key is used by attending staff to cancel it. The unit includes CODE BLUE functionality for emergency doctor alerts. It fits into a three-module electrical switch outlet and operates on less than 500 mW at 24VDC.	Nos	40	5,860.00	234400.00
6.	The Console Unit displays real-time bed numbers using a multi-colour 7-segment display (0.5" R, G, B). It features voice alerts for incoming calls, enhancing nurse responsiveness. The unit includes three functional keys: - TEST: Flashes all display windows to verify device functionality. -RESET: Clears all data. - ACK: Acknowledges patient calls, stabilizes the flashing display, and silences the voice module until the call is cleared. It connects to the Nurse Call Hub via a 2-wire connector. The unit is available in table-top or wall-mounted formats, with dimensions of 310 x 40 x 205 mm. It operates on 230V AC power and weighs approximately 3.5 kg. The enclosure is made of powder-coated mild steel with vinyl/PVC labeling.	Set	01	52,130.00	52130.00
7.	The HUB Unit is microcontroller-based and interfaces with up to 16 bed modules and the nurse station console. It features a 16x2 green backlit LCD display to show module status and uses terminal strips for easy wiring. It connects to Door Indicators, Bed Calling Units, and Toilet Calling Units via a 4-wire connector. The unit is wall-mounted with vertical orientation and measures 205 x 60 x 255 mm. The enclosure is made of powder-coated mild steel with vinyl/PVC stickers	Set	03	45,600.00	136800.00
8.	Cabling & Accessories (Shielded cable, connectors, etc.)	Lot	01	20,000.00	20000.00
9.	Supply, fixing, testing and commissioning of indigenous 12mm isolation valve.	Nos	200	1,580.00	316000.00
10.	Supply, fixing, testing and commissioning of indigenous 22mm isolation valve.	Nos	03	2160.00	6480.00
11.	Supply, fixing, testing and commissioning of Indigenous BPC Oxygen Flow Meter with Humidifier Bottle. (0-15L/Min)	Nos	40	1,950.00	78000.00






12.	Supply, fixing, testing and commissioning of indigenous Ward Vacuum unit with Vacuum Collection Jar size 600ml as per BS: EN: IS 10079-3 and CE marked.	Nos	34	3,250.00	110500.00
13.	Supply, fixing, testing and commissioning of indigenous Ward Vacuum unit with Vacuum Collection Jar size 1000ml as per BS: EN: IS 10079-3 and CE marked.	Nos	06	4,250.00	25500.00
14.	Supply, Fixing, testing and Commissioning of Indigenous Low-Pressure Tube	Mtr	120	165.00	19800.00
<b>Gross Total</b>					<b>24,38,621.00</b>

I/We hereby offer and agree to execute the above work on-----%+ GST above/below (In Words-----% + GST) above/below of the estimated rates.

I/We hereby tender for the execution of the works specified in tender with in time specified in tender at the rates specified the in and in accordance with specification, designs, drawing and instruction give by officers In charge of the work.

Signature of Contractor  
With name and address

**General Conditions:-**

1. Bids once submitted cannot be withdrawn.
2. Taxes shall be deducted as per rules.
3. The quantity given in the bill of quantity are approximate and are liable to wide variation for which no claim shall be considered, except a reasonable extension of time for increased quantity.
4. Conditional tenders are liable to be rejected.
5. Rates of extra items will be as per approved rates or tender.

Signature of Contractor  
With name and address

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AS