King George Medical University U.P., Lucknow

Short Tender Inviting Notice

Ref. No 1106/E.E(E/M)/26 Date:- 27.10.2026

Second Time Offline bids are invited under two bid system latest by 12.11.2026 for Supply, fixing Testing and commissioning of Medical Gas Pipeline System work in Minor OT & post-operative ward at QMH and Nuclear Medicine ward at Shatabdi Phase-2, 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 KGMU website www.kgmu. Org

(Executive Engineer)
(Electrical/Mechanical Department)

Tender Document for Supply, fixing, Testing and commissioning of Medical Gas Pipeline System work in Minor OT & post-operative ward at QMH and Nuclear Medicine ward at Shatabdi Phase-2, King George Medical University U.P Lucknow.

Publishing Date	:	27.10.2026 Time 05:00 PM
Document Download/sale start date	:	27.10.2026 Time 06.00 PM
Last Date of Bid Submission	:	12.11.2026 Time 12.00 PM
Date of Opening Technical Bid	:	12.11.2026 Time 02.00 PM

Tender fee: = **955.00+ GST@18%**

Earnest Money in the shape of FDR @2% of the cost of Tender.

i.e. Rs. = **12735.00 Only**

Terms and conditions:-

1. Tender document can be downloaded from University website www.kgmu.org. But the tender must be accompanied by Non-refundable tender Fees, Rs. 955.00+GST in form of D.D drawn from any scheduled bank, in favors 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. 12735.00(Twelve thousand seven Hundred thirty Five 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 offline.
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 Extent 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 wand 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 deferent sizes.
15. The contractor should have a minimum average annual turnover of Rs. 3.18 lakh for 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 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. 5.09 lakhs,

    or.

(ii). Two similar completed works costing not less than the amount equal to Rs. 3.82 lakhs,

or

(iii). Three similar completed works costing not less than the amount equal to Rs. 2.54 Lakh.

17. The applicant should have bank solvency of Rs. 2.54 lakhs.
18. The Contractor should have valid PAN Number with attested photo state copies of registration certificate.
19. 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.
20. This contract is subjected to the Jurisdiction of Lucknow court only.
21. In case of any dispute including quality and performance the decision of Hon'ble Vice-Chancellor, King George Medical University U.P Lucknow.
22. GST registration number with attested photo state copies of registration certificate.
23. Experience in trade relating job/supply may be mentioned with proof.
24. A copy of trade- tax/commercial tax Registration certificate dully attested by a Gazetted officer, should also been closed.
25. Trade tax, commercial tax clearance certificate and acknowledgement for filling latest income tax Return along with a notarized affidavit, that the tenderers has never been black listed must be attached along with the tender failing which the tender will be rejected.
26. 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.
27. 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.
28. 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.
29. 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).
30. 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).
31. 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 form 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. Terminal Outlets

All outlets should be double lock quick connect and gas specific for the services indicated (viz. 02, MA 4, & Vacuum) And to accept only compatible quick connect Geometric Index type Steel adapters. The outlet shall be meet as per NFPA 99/BS EN ISO: 9170-1 and CE marked, EN 737, BS 6834, HTM 2022, BS 5682: 1984 standards. A machine brass outlet block shall be permanently attached to the mounting plate. A secondary valve shall be installed in the outlet block assembly for pressure testing and to prevent gas flow when the latch valve assembly is removed for service. A temporary, transparent cover shall be provided to keep debris out of the outlet during installation while permitting labels to be viewed for outlet service identity. The rough in assembly shall contain a double seal to prevent gas leakage between the rough and the latch valve after the walls are finished. The latch/locking release mechanism should be incorporated on to the gas outlet with geometrical key indexing on specific adapter (probe) the spring loaded center, the probe/flow meter dies not fall down.

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. Vacuum unit

Should be ISO 9000 Certified and complies HTM-2022, NFPA 99/BS EN ISO 9170-1and CE marked, B.S Standard (as applicable) Ward Suction Unit must be a full quality assurance system medical device consists of Suction regulator should be supplied with a safety jar, including an anti-overflow safety device, it should have continuous suction controller with reliability and fine adjustment, Should have plastic body and cover, preventing risk of corrosion, Should have vacuum gauge, on/off knob allowing for the quick restoration of a vacuum level, Must have central adjustment knob with a color-coded, polycarbonate, auto cleavable, unbreakable, fitted with an anti-overflow safety device . Collection jar should be unbreakable and auto cleavable, unbreakable, fitted an anti-overflow safety device. Collection jar should be unbreakable and auto cleavable Polycarbonate jars.

5. Flow meter with humidifier

Back pressure compensated flow meter will be of accurate gas measurement with following features Flow control within range of 0-10 L/min and flow tube should have large and expanded 0-5 liters/min ranges for improved reliability and/or standard flow rate as per NFPA 99/BS EN ISO15002 and CE marked.

6. 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.

Check List/Technical Bid

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

IMPORTANT INSTRUCTIONS TO THE TENDERERS

Your e-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 Month 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 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**		

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	**Particulars of the Bidder:**	
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	**Bank Details of Bidder:**	
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.

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

(BOQ/Estimated Cost of the Work Part-A)

The Supply, fixing Testing and commissioning of Medical Gas Pipeline System work Minor OT & post operative ward at QMH, King George Medical University U.P Lucknow.

SN	Description	Qty	Unit	Rate	Amount without GST
1..	Supply, fixing testing and commissioning of Medical grade copper pipe used should be half drawn, tampered seamless phosphrous 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.	12MM (OD) x0.7 MM Thick	36	Rmt	580.00	20880.00
b.	15MM (OD) x 0.9 MM Thick	90	Rmt	853.00	76770.00
c.	22MM (OD) x 0.9 MM Thick	7	Rmt	1180.00	8260.00
2.	Supply, fixing testing and commissioning of ISOLATION VALVE				00.00
a.	12 mm	14	Nos	1580.00	22120.00
b.	15 mm	4	Nos	1876.00	7504.00
c.	22mm	1	Nos	2870.00	2870.00
3.	Supply, fixing testing and commissioning of gas outlet point for oxygen	9	Nos	3250.00	29250.00
4.	Supply, fixing testing and commissioning of gas outlet point for Medical Air	5	Nos	3250.00	16250.00
5.	Supply, fixing testing and commissioning of gas outlet point for vacuum	7	Nos	3250.00	22750.00
6.	Supply, fixing testing and commissioning of indigenous BPC Oxygen flow meter with humidifier bottle (Flow rate 0-15L/min)	7	Nos	1960.00	13720.00
7.	Supply, fixing testing and commissioning of indigenous Ward Vacuum Unit With Vacuum Collection Jar Size 600 ml as per BS:EN:IS 10079-3 &CE marked	7	Nos	3250.00	22750.00
8.	Supply, fixing testing and commissioning of rubber indigenous plastic Low/High Pressure Tube	28	Mtr	165.00	4620.00
9.	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				00.00

	Mute option.				
a.	3 Gases AVSU	1	Nos	36000.00	36000.00
				Total	**283744.00**

(BOQ/Estimated Cost of the Work Part-B)

The Supply, fixing Testing and commissioning of Medical Gas Pipeline System work Nuclear Medicine ward in Shatabdi Phase-2, King George Medical University U.P Lucknow.

SN	Description	Qty	Unit	Rate	Amount without GST
1.	Supply, fixing testing and commissioning of Medical grade copper pipe used should be half drawn, tampered seamless phosphorus 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.	12MM (OD) x0.7 MM Thick	42	Rmt	580.00	24360.00
b.	15MM (OD) x 0.9 MM Thick	70	Rmt	853.00	59710.00
c.	22MM (OD) x 0.9 MM Thick	35	Rmt	1180.00	41300.00
2.	Supply, fixing testing and commissioning of ISOLATION VALVE				00.00
a.	12 mm	10	Nos	1580.00	15800.00
b.	15 mm	01	Nos	1876.00	1876.00
c.	22mm	01	Nos	2870.00	2870.00
3.	Supply, fixing testing and commissioning of gas outlet point for oxygen	08	Nos	3250.00	26000.00
4.	Supply, fixing testing and commissioning of gas outlet point for vacuum	08	Nos	3250.00	26000.00
5.	Supply, fixing testing and commissioning of indigenous BPC Oxygen flow meter with humidifier bottle (Flow rate 0-15L/min)	04	Nos	1960.00	7840.00
6.	Supply, fixing testing and commissioning of indigenous Ward Vacuum Unit With Vacuum Collection Jar Size 600 ml as per BS:EN:IS 10079-3 &CE marked	04	Mtr	3250.00	13000.00
7.	Supply, fixing testing and commissioning of rubber indigenous plastic Low/High Pressure Tube	22	Mtr	165.00	3630.00
8.	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				00.00

	pressure unit display options - psi/ bar or kg/cm2. Audio Mute option.				
a.	2 Gases AVSU	01	Nos	33500.00	33500.00
				Total	**255886.00**
				(Part- A + Part –B) Grand Total	**5,39,630.00**

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