



ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS) BHOPAL

Saket Nagar, Bhopal-462020 India

Website :www.aiimsbhopal.edu.in Email: etender@aiimsbhopal.edu.in

E-Tendering Portal : <https://www.tenderwizard.com/AIIMSBHOPAL>

E-TENDER DOCUMENT

E-TENDER ID:AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System for AIIMS Bhopal Hospital.*

Notice Inviting Tender

On behalf of **Director, AIIMS Bhopal, Medical Superintendent** invites **open E-Bids** in the **Tree Bid System** (i.e. **Pre-qualification Bid, Technical Bid and Financial Bid** from eligible Manufacturers/Firms/Companies/Authorized Agents/Distributors/ Dealers on line through **E-procurement solution portal of AIIMS Bhopal** (<https://www.tenderwizard.com/AIIMSBHOPAL>) on mutually agreed terms and conditions and satisfactory performance for the Supply, Installation, Testing, Commissioning & Maintenance of Medical Gas Pipe Line System for at AIIMS Bhopal Hospital, Saket Nagar, Bhopal-462 020, India as per the Technical Specifications and Quantities mentioned at **Annexure-I**.

Important: The Bidder is expected to examine all instructions, forms, terms and specifications in the bidding document. The bid should be precise, complete and in the prescribed format as per the requirement of the bid document. The bid should not be conditional. Failure to furnish all information required by the bidding document or submission of a bid not responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of the bid.

The Bidder shall bear all costs associated with the preparation and submission of its bid and Client will in no case be held responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

e-TENDER SCHEDULE

E-TENDER ID:AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System for at AIIMS Bhopal Hospital.*

- Date of availability of E-Tender document in the AIIMS Bhopal E-Tendering Solution portal : As per e-Tendering Portal of AIIMS Bhopal <https://www.tenderwizard.com/AIIMSBHOPAL>
www.tenderwizard.com/AIIMSBHOPALwww.aiimsbhopal.edu.in and CPP Portal www.eprocuregov.in for downloading/participating
- Pre-Bid Meeting : As per e-Tendering Portal of AIIMS Bhopal <https://www.tenderwizard.com/AIIMSBHOPAL> in the Office of Medical Superintendent, AIIMS Bhopal Hospital, Saket Nagar, Bhopal
- Last Date of downloading/participating in the E-Tendering Solution for this E-Tender : As per e-Tendering Portal of AIIMS Bhopal <https://www.tenderwizard.com/AIIMSBHOPAL>
- Date, Time & Place of submission of indicated desired Hard Copies in the Sealed Envelope : As per e-Tendering Portal of AIIMS Bhopal <https://www.tenderwizard.com/AIIMSBHOPAL> in the Tender box kept in the Office of the Medical Superintendent, AIIMS Bhopal Hospital, Saket Nagar-462 020 (MP)
- Date, Time & Place of Opening of Pre-Qualification Bid Document : Online as per e-Tendering Portal of AIIMS Bhopal <https://www.tenderwizard.com/AIIMSBHOPAL> and desired Hard Copies in the Office of Medical Superintendent, AIIMS Bhopal Hospital.
- Date, Time & Place of Opening of Technical Bid : The Technical Bid of Pre-Qualified Bidders only will open online as per the schedule given in the <https://www.tenderwizard.com/AIIMSBHOPAL>
- Tender Document Cost payable to AIIMS Bhopal : **Rs.1050/- (One Thousand Fifty only) inclusive of 5% VAT, Non Refundable by way of DD/Banker's Cheque in favour of "Director, AIIMS Bhopal", hard copy must accompany with Pre-Qualification Bid Envelop.**
- E-Tendering Solution processing fee for providing online participation support & necessary DSC Certificates to Vendor for participate in Online E-Tender process : **As applicable and displayed on <https://www.tenderwizard.com/AIIMSBHOPAL> and payable to www.tenderwizard.com directly By the prospective Tenderer**
- Estimated Cost of Items : **Rs. 70,00,000/-(Rupees Seventy Lakhs only)**
- EMD : **Item wise EMD (as per Table No. 1 given below in NIT) in the form of FDR/BG from the nationalized bank valid for Nine months (i.e. 270 Days) in favor of Director, AIIMS Bhopal.**

Earnest Money Deposit (Bid Security) :

EMD should be as per below mentioned Table No. 1 in the form of FDR/Bank Guarantee drawn from any Nationalized Bank in favour of “Director, AIIMS Bhopal”, payable at Bhopal for the period of Nine Month (i.e. 270 Days) and shall be submitted original hard copy in sealed envelope before or on time & place indicated in tender schedule above. The AIIMS Bhopal will not pay any interest on any EMD Amount to bidder.

Table No. 1 : EMD Amount

Tender Item No.	Brief Description of Equipment (For detail please see “Annexure–I” Schedule of Requirement & Technical Specifications)	Tentative Qty.	EMD (in Rs.)
1	<i>Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System for at AIIMS Bhopal Hospital (The detailed Job details with requested Technical Specifications and Bill of Quantities of Items and Accessories given at Annexure–I at Schedule of Requirement)</i>	1 Job	1,40,000.00
Tenderer needs to be deposit the EMD Amount as per above mentioned complete job wise in the Form of FDR/Bank Guarantee in favour of “Director, AIIMS Bhopal”, payable at Bhopal and its legible scanned copy must uploaded in the E-Tendering Solution and Hard copy of EMD in sealed envelope should be submitted along with pre-qualification documents in the Pre-Qualification Envelope before the Date of Submission of Bid in the Box kept in the Office of Medical Superintendent, AIIMS Bhopal Hospital, Saket Nagar, Bhopal-462020 (MP) India.			

The prospective Bidder requiring any clarification about bidding documents may seek clarification in writing on the tender document during pre-bid meeting which shall be held at **3:00 PM onward on scheduled Date as mentioned in the e-procurement portal**. The clarification of the queries would be uploaded on the website for Bidders information. Bidders are required to consider all the clarifications/amendments while preparing their bid proposals. **Therefore, Bidders are requested to visit the said website on regular basis for checking necessary updates. These changes can be incorporated until 7 days before the last date of bid submission.**

Amendments in Bidding Documents

At any time till **7days** before the deadline for submission of bids, the Client may, for any reason, whether at own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding document through amendment. All amendments will be posted on the website regularly. Client shall not be responsible to notify the amendments to individual bidders. All amendments by the client till 7 days before the deadline for submission of bids, shall be binding on the participatory bidders.

Three Bid System Terms & Conditions

The required hard copies of respective bids shall be submitted separately in sealed envelopes before closing dates of the bids as per the instructions given in this E-Tender Enquiry. The all requested bid documents (i.e. Pre-Qualification, Technical and Financial Bid) duly signed and scanned copies shall be uploaded under respective bids sections of the e-tender solutions mandatorily by the participating Bidder on portal. If any of the requested document's scanned copy/copies not found uploaded on e-Tendering Portal by Bidder, their bid is liable for rejection. Please study this e-tender very carefully and fill accordingly.

- **Validity of Tender & Period for Rate Contract:** The validity of the Bid tender Document shall be for 180 days and after the acceptance and issue of Notification of award/conclusion of Rate Contract Agreement in the Format given at **Annexure-XIII**, the rates shall be valid for initial **one year extendable further One year on mutual agreement** basis after successfully/satisfactorily completion of initial One year period.
- **EMD (Refundable after expiry of the tender on e-procurement solutions):** AS PER SCHEDULE ON E-PROCUREMENT PORTAL (NIT Table No.1) against this e-Tender Notice for the period of Nine Months (i.e. 270 Days):
 - No interest shall be payable by the purchaser on the Earnest Money Deposit.
 - **Exemption:** Firms registered with NSIC (for sale or medical equipment) are exempted from submission of EMD (subject to the financial limits indicated in the NSIC certificate). Govt. of India/State Government departments/Undertakings are also exempted from EMD. However, the respective firm/departments have to submit the relevant certificate (NSIC etc.) to avail this exemption.

All rows & columns on prescribed format should be filled and not left blank, may be struck as not applicable. Each document should be serially numbered and duly signed by the bidder with the rubber stamp of the firm on each page.

The tender shall be submitted in 3 (Three) parts online:

- (i) **Pre-qualification Bid:** Only the pre-qualification bids documents shall be opened first and can be seen on portal or will be read out before the bidder.
- (ii) **Technical Bid:** Technical bid of pre-qualified tenders shall be opened.
- (iii) **Financial Bid:** The Financial Bids of bidders, who qualify at Technical Bid Stage, will be opened thereafter.

(i) PRE-QUALIFICATION BID:

- (1) **Hard copies of documents to be submitted on or before closing the bid:**
(Absence of the any documents tender may be rejected). Serial Number of submitted documents should be in sequence as mentioned below:
 - **Hard Copies of EMD, Tender Document Fee and Undertakings (A, B C &D below)** should be submitted in a sealed envelope in original in the Tender Box Kept in the Office of Medical Superintendent, AIIMS Bhopal Hospital, Saket Nagar, Bhopal-462020 (MP), India on or before Closing date of Bid Submission **Superscripted** as

“Pre-Qualification Bid”

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System for at AIIMS Bhopal Hospital.*

Complete details of the bidder should also be mentioned on envelop.

- A. EMD (as per NIT Table No. 1) in the form of FDR/BG in the format given at “Annexure-XI” from nationalized Bank, in favor of “Director, AIIMS Bhopal” valid for Nine months (i.e. 270 Days) period.
- B. **Tender Document fee in way of Demand Draft/Banker’s Cheque** in the name of “Director, AIIMS Bhopal”. (Nonrefundable)
- C. Original copy of **Undertaking for acceptance of all Terms & Conditions** mentioned in this E-Tender on Non Judicial Stamp Paper worth of Rs. 100/- as per **Annexure - II**, duly attested by notary public.
- D. Original copy of **Undertaking for Criminal Liability** on Non Judicial Stamp Paper worth of Rs. 50/- as per **Annexure - III**, duly attested by notary public.

(2) Following Prequalification Documents Duly Signed, Attested scanned copies to be compulsorily uploaded in the “Pre-Qualification Bid Slot” on e-Tender solutions by the participating Bidder:

- I. The scanned copies of above said documents as mentioned at (1) A, B, C, D shall also be submitted along with the online tender document in the E-Tendering portal of AIIMS Bhopal (i.e. <https://www.tenderwizard.com/AIIMSBHOPAL>) in Pre-Qualification Bid Slot section.
- II. Signed and scanned valid copy of Firm/Company Registration/Incorporation Certificate.
- III. Signed and Scanned Copy of proof of latest quarter VAT/ST returns filed by the participating company as applicable for current financial year 2016-2017.
- IV. Signed and Scanned Copy of PAN Card of the firm/company.
- V. Signed and scanned copy of Income Tax return of the firm/company for the last three financial years (i.e. For Assessment FY 2013-14, 2014-15, 2015-16) must require to be uploaded.
- VI. Legible scanned copies of clearly showing the average Turnover with Audited Balance Sheet and Profit & Loss Account for last three Financial Years (i.e. for FY 2013-14, 2014-15 and 2015-16) duly certified by the Chartered Accountant/Company Secretary should be required of the value in Rupees to be uploaded by the participating Bidder, whether they participating for One Item or all Items against this e-Tender Enquiry as per below mentioned Table :-

Mandatory Requirement	Average Turnover requirement (in Rs.)
Last Three FY’s (2013-14, 2014-15 and 2015-16) Average Turnovers should be required for participation in this Tender	35,00,000/- (Thirty Five Lakh Only)

- VII. Signed & scanned copy of the authorization Letter in the name of Authorized Person allowed by Proprietor / Owner to sign the documents in case the owner/proprietor is not signing the tender document.
- VIII. Signed and Scanned Check List of Pre-qualification required documents as per **Annexure-IV** must upload in the respective Pre-Qualification Bid Document Slot in the e-Tendering solution of AIIMS Bhopal by the Bidder.

Note: All above documents also shall be uploaded on e-tender solutions serially and page numbered legibly. E-bid with absence of any document will invite rejection of bid and no further communication in any form shall be entertained i.e. above documents are mandatory for qualification to next stage of the bid.

Only those bidders who qualify the Pre-Qualification Stage after evaluation of above said Pre-Qualification documents uploaded in the E-Tendering solutions and submitted desired Hard Copies as per A) EMD as per NIT Table No. 1, B) Tender Document Fee, C) Undertaking for acceptance of all Terms & Conditions & D) Undertaking for Criminal Liability above shall be considered for Technical Evaluation and shall intimated separately.

NOTE

The original copies of first four documents i.e. EMD, Tender document Fee, Undertaking for Acceptance of Terms & Conditions and Criminal Liability undertaking shall be submitted in physical form in the Tender Box kept in the Office of Medical Superintendent, AIIMS Bhopal Hospital, Saket Nagar, Bhopal-462 020(MP) India on or before the Closing of the bid submission date displayed in e-tender solutions in a sealed envelope superscripted as “Pre-Qualification Bid”

E-TENDER ID:AIIMSBPLHOSP161700815012017

Name of the tender: Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital.

Tender shall not be accepted if the bidder fails to submit all the requested “Pre-Qualification” Documents scanned copies “Online” in the e-Tendering portal in “Pre-Qualification Bid Slot” and only requested documents Hard copies in “Pre-Qualification Bid Envelope” on or before the scheduled closing Date mentioned in the e-Tender Schedule on e-tendering solution. In case uploaded copy is not legible, bidder shall be asked to submit self-attested copy of the illegible document.

Important Note:-Only those bidders who qualify the Pre-Qualification Stage shall be considered for Technical Evaluation.

(ii) TECHNICAL BID

The technical evaluation will be done by duly constituted technical committee by competent authority.

(1) **Hard copies of documents to be submitted on or before closing the bid:**
(Absence of the any documents tender may be rejected). Serial Number of submitted documents should be in sequence as mentioned below:

- I) Singed and attested legible scanned copies of Performance Certificates regarding Supply, Installation, Maintenance of MGPS in reputed Government Hospitals/Institutions/PSU's Hospitals/Institutions in India in last Five Financial Years.
- II) Original Catalogues properly numbered should be submitted as hard copies.
- III) Certified Copies of national and international standards certificates like ISO/US FDA/CE etc. in respect of quoted items.
- IV) Original copies of Technical Literature/Catalogues for each item quoted duly put code number (if any) of items as per tender item List given in **Schedule of Requirement (Annexure-I)** on each catalogue/literature document. Non submission may lead to non-consideration of the bid for that item in sealed in envelop and superscripted as

"Technical Bid"

E-TENDER ID:AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital.*

Complete contact details of the bidder should be mentioned on envelop.

(Also upload signed & scanned copies of above documents in e-tendering solution in "Technical Bid Slot")

2. Following Technical Bid Document's Duly Signed, Attested scanned copies to be uploaded in the "Technical Bid Slot" in the E-Tendering solution by Bidder:-

- I. Signed & scanned copy of the Technical bid "**Annexure-V**"
- II. Scanned copy of Technical Specification Compliance Sheet for each of participating item with its make, model & country of origin must be uploaded by interested Bidder for Technical Evaluation purpose on those items he want to participate as per the list of items given in the Schedule of Requirement at "**Annexure-I**" of this e-Tender Enquiry.
- III. Scanned copy of Declaration in case of manufacturer or Scanned & Attested copy of current contract/Authorization – between manufacturer and distributor /bidder as the case may be in the format given at "**Annexure-X**". Declaration / authorization from the manufacturer should be submitted for every quoted item / equipment. However, if the bidder is quoting more than one equipment/item of the same make, single authorization mentioning the name of items / equipment from the manufacturer is sufficient.
- IV. In case of imported stores, Bidder should submit scanned and signed copy of authorization of agency agreement elaborating on the responsibility of foreign supplies / principal and service to the Bidder by the Indian Agent giving details of services available in India.
- V. Signed and scanned copies of Manufacturing Capabilities with respect to personnel, equipment and manufacturing facilities, the following necessary supportive documents duly Signed and Sealed must require to be uploaded:-

- Registered with the Government (Central/State) for manufacturing / importing quoted Goods / Distributing / Dealing with quoted goods/items.
 - Holding a valid License for manufacturing of the quoted goods/items Or Valid permission for importing the quoted goods Or Registered for and having permission for warehousing/ cold chain / Storage capabilities
- VI. Signed and Scanned copies of ISO and CE (EUROPEAN)/USFDA/DGCI/UL valid certifications from competent authority with clearly showing validity date in respect of quoted item.
- VII. Signed and Scanned Check List of Technical Bid required documents as per “**Annexure-V (a)**” must uploaded in the respective Technical Bid Documents Slot in the e-Tendering solution.

(iii) FINANCIALBID

E-TENDER ID:AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital.*

Complete contact details of the bidder should be mentioned on envelop.

(Fill and Upload the Financial Bid in the Excel Sheet Format of Financial Bid in the format given at “Annexure-VI” in “Financial Bid Slot” on E-Tendering Portal)

1. Rates for the main equipment/items should be quoted in the given format “**Annexure VI**”, and free of Cost Consumables for three months period is required to be supplied by the Tenderer with Equipment for make it operational at the Client site needs to be supplied on free of cost by the Bidder Agency (if such consumable essentially required for the functioning of supplied equipment).
2. All quoted rates should be inclusive of everything viz. Freight Charges, Packing Charges, Forwarding & Insurance Charges, Transportation& Octroi up to FOR, 5 Years Onsite Warranty inclusive of all Spares, Labour and Maintenance of Medical Gas Pipe Line System during Warranty Period, Sales Tax/VAT/Excise Duty/Custom Duty (add applicable CD% beyond the CDEC Provided by AIIMS Bhopal) / Custom Clearance Charges/Agency Commission etc. and Free of Cost Consumables for three months period is required to be supplied by the Tenderer with Equipment for make it operational at the Client site including all required accessories and in-situ works (like civil, plumbing & mechanical works etc) in case of Equipment supply which needs consumables/such kind of in-situ works for their day to day smooth functioning at respective location in the user department at Clint site. **Quoted Price means that all such expenses have been taken in account by the Bidder and are inclusive in the Quoted Offered Price.**
3. The supply of Equipment/Goods/Stores/ Articles will be brand new and supply should be made in good conditions to the respective stores by the bidder whether imported or indigenous items at their own cost up to F.O.R. to AIIMS Bhopal.
4. The firm shall quote for CMC charges for the next 5 years after expiry of the comprehensive warranty period of 5 years in the “**Annexure-VII**” for each Equipment/item (on which the Warranty/Guarantee applicable).

5. Rates for regularly required consumables / spares / optional accessories should be quoted in given format “**Annexure VIII**” separately.
6. The rates should be quoted in Indian Rupees in figure as well as in words only.

For any query related with this e-tender should be mailed to **email id of e-tendering Department of AIIMS Bhopal on email ID: etender@aiimsbhopal.edu.in**

**(Medical Superintendent)
AIIMS Bhopal**

GENERAL TERMS AND CONDITIONS

1. Pre-Qualified Bidders are required to arrange a demonstration of the equipment, preferably within the Hospital premises. The Tenderer demonstrate the participating Equipment at AIIMS Bhopal site on **date fixed by the technical committee** duly constituted by competent authority. Failure to arrange for a demonstration on the given date may lead to cancellation of the bid. Cost of organizing such demonstration shall be borne by the bidder.
2. Tenders should be quoted only by the actual manufacturer or their authorized distributors or selling agent of a particular firm. It should submit a current authority letter in support of the same from the actual manufacturer concerned in the format given at "**Annexure-X**". The bidder is responsible for the supply of stores. If the Principal Manufacturer withdraws rights of distribution from the bidder during validity period of rate contract, Director, AIIMS Bhopal has right to cancel the eligibility of the bidder and accept the candidature of new coming authorized distributor. For supplying items at approved rates new coming firm may have to deposit the EMD. The offered rates shall be valid for initial period for One year extendable further One year on mutual agreement basis after completion of initial One year period
3. The model of the equipment offered should not be obsolete /out of production for next 5 years.
4. **Spare Parts:** The separate price List of all spares and accessories and consumables, if any, (including minor) required for maintenance and repairs in future after guarantee/warranty period must be uploaded in the Format given at "**Annexure-VIII**" failing which quotation will not be considered.
5. **Warranty (60 Months Onsite Warranty including Spare Parts, Labour & Maintenance etc.)**
 - I) Tenderer should submit a written guarantee/warranty from the manufacturers starting that the equipment being offered is the latest model as per the specifications and the spares for the equipment will be available for a period of at least 5 years after the guarantee/warranty period.
 - II) The manufacturer should also give warranty/guarantee that will keep the institute informed of any up-date of the equipment over a period of next 5 years and undertake to provide the same to the institute at no extra cost. Guarantee/warranty that they will supply regularly any items of spare parts requisitioned by the purchaser for satisfactory operation of the equipment till the life span, to be decided mutually of the equipment, if and when required on agreed basis for an agreed price. The agreed basis could be an agreed discount on the published catalogue price or an agreed percentage of profit on the landed cost.
 - III) Guarantee/warranty to the effect that before going out of production of spare parts, the manufacturers and/or tenderers will give adequate advance notice to the purchaser of the equipment so that the later may undertake to procure the balance of the life time requirements of spare parts.
 - IV) The Guarantee/warranty to the effect that the manufacturer will make available to the institute, the blue-prints and drawing of the spare parts if and when required in connection with the equipment.

- V) The supplier **warrants comprehensively for 60 months Onsite Warranty including Spare Parts & Labour and Maintenance etc.** that the Equipment/Stores supplied under the contract is new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise by the purchaser in the contract. The supplier further warrants that the Equipment/Stores supplied under the contract shall have no defect arising from design, materials (except when the design adopted and / or the material used are as per the Purchaser's/Consignee's specifications) or workmanship or from any act or omission of the supplier that may develop under normal use of the supplied Equipment under the conditions prevailing in India.
- No conditional warranty like mishandling, manufacturing defects etc. will be acceptable.
 - Comprehensive Warranty as well as Comprehensive Maintenance contract should be inclusive of all accessories and Turnkey work.
 - Replacement and repair will be under taken for the defective Equipment/Stores.
 - Proper marking has to be made for all spares for identification like printing of installation and repair dates.
 - The firm will be required to warranty/guarantee that during the warranty period as well as during the service contract period, the equipment including the accessories will be maintained in good working condition for a period of 347 days out of a period of 365 days (i.e. 95% uptime).
 - If the machine is out of order for more than 5 hours during any day, it shall be considered as one day down time. The essential period to shut down the installation entirely or partially should also be included in the down time if it exceeds 2 days while calculating the 95% guaranteed uptime.
 - The firm will be required to pay a penalty of Rs. 5000/- (Five Thousand only) per day for per unit in case the number of days of down time in each period of 365 days is more than the downtime permissible which is to be calculated as defined above and the delay for not bringing the equipment in functioning order is in any way directly, even partially, attributable to the firm.
- VI) Upon receipt of such notice, the supplier shall, within 48 hours on a 24 X 7 X 365 basis respond to take action to repair or replace the defective Equipment/Stores or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/Equipment/Stores after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/Equipment/Stores thereafter. The penalty clause for non-replacement will be applicable as per tender conditions.
- VII) The tenderer hereby declares that the goods/equipment/stores/articles supplied to the buyer under this contract shall be of the best quality and workmanship and shall be strictly in accordance with the specifications and the particulars contained/mentioned in the clauses here of and the tenderer hereby guarantee/warranty that the said goods / equipment / stores/ articles conform to the description and quality aforesaid. The purchaser will be entitled to reject the said goods/equipment/stores/articles or such portion thereof as may be discovered not to conform to the said description and quality as follows:-
- a. Tenderer should state categorically whether they have fully trained technical staff for installation/commissioning of the equipment and efficient after sales services.

- b. It is specifically required that the tenderer will supply all the operating and service manuals along with blue-prints and drawings including circuit diagram of the equipment supplied as well as its components.
- VIII. If the supplier, having been notified, fails to respond to take action to replace the defect(s) within 48 hours on a 24 X 7X 365 basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.
 - IX. During Warranty period, the supplier is required to visit at consignee's site at least once in 3 months commencing from the date of the installation for preventive maintenance of the Equipment/Stores.
 - X. The Supplier along with its Indian Agent and the CMC provider shall ensure continued supply of the spare parts for the machines and Equipment supplied by them to the purchaser for 10 years from the date of installation and handing over.
6. **Five Years onsite GUARANTEE/WARRANTY inclusive of all Spares, Labour and Maintenance after completion of 5 Years WARRANTY period price for 5 Years CMC: -**
 The bidder will give an onsite guarantee/ warranty for trouble free functioning and maintenance of the facility for Five Years including spares, labour and maintenance from the date of installation, commissioning and acceptance of the facility. The bidder should preferably deploy one Service Engineer for entire Warranty Period for preventive periodic (i.e. monthly/Quarterly) maintenance of the MGPS System. The bidder would submit a performance bank guarantee for 10% of the cost of the Purchase Order for the period of warranty plus 3 months indemnifying the hospital against all losses incurred by the hospital during the warranty/maintenance period in the format given at "**Annexure-XII**". This has to be submitted after satisfactory installation along with the bills. The firm shall quote for CMC charges for the next 5 years after expiry of the comprehensive warranty period of 5 years in the "**Annexure-VII**" for each Equipment/item (on which the Warranty/Guarantee applicable).
 7. The bidder should quote rates of optional accessories / consumables / spares (if any) as per "**Annexure-VIII**" and the rates should be valid till the validity of the contract.
 8. Bidders are required to quote strictly as per specification of the equipment. Deviation is to specification, it must be brought out clearly giving deviation statement in **Annexure-V**.
 9. Additional features (in case of equipment), if any, should be listed separately in the offer.
 10. The bidder should submit an undertaking for acceptance of Terms & Conditions "**Annexure-II**" to the effect that they have necessary infrastructure for maintenance of the equipment and will provide accessories/spares (if any) as and when required by the indenter for 05 years after expiry of the Warranty period.
 11. The firms should confirm that the equipment is brand New, is of latest technology and have facility for up gradation, if necessary.
 12. **Points needed to be kept in mind by Tenderer while preparing Bid and Quoting prices in this E-Tender:-**

- I. No increase in quoted price and change in quality of product will be allowed during the validity of Rate Contract period.
- II. Bidder will quote firm rates inclusive of all Taxes & expenditure upto F.O.R. to AIIMS Bhopal basis. No condition like discount in price, free goods/ incentives will not be accepted towards finalization of this tender. Rates should be according to a unit e.g. cost per equipment/item and not in any other form. Quoting of rates in variation to the prescribed unit will authorize the Competent Authority to cancel the quotation without any information to the bidder.
- III. No item should be quoted with price more than the prevailing market on M.R.P Rates. The prices should be quoted strictly in accordance with unit/quantity mentioned in the Financial Bid format inclusive of all basis.
- IV. **Fall Clause:** If at any time during the execution of the contract, the Contractor/Manufacturer/Distributor/Dealer reduces the sale price or sells or offers to sell such stores, as are covered under the contract, to any person/organization including the purchaser or any department of Central Government or any department of AIIMS Bhopal Hospital/PSUs at a price lower than the price chargeable under the contract during the Current Financial Year, he shall forthwith notify Medical Superintendent, The necessary difference amount about such reduction or sale or offer of sale to the purchaser and the price payable under the contract for the stores supplied after the date of coming into force of such reduction or sale or offer of sale shall stand correspondingly reduced and deposited to AIIMS Bhopal by the Bidder or AIIMS Bhopal will deduct from the pending bills/Performance Security Deposit to recover the loss to the Government.
- V. If the bidder requires 'D' form, the same will be provided by the hospital. "The Custom Duty Exemption Certificate" and "Essentiality Certificate" will be provided by hospital for imported goods/stores covered under the OGL (Open General License) Policy.

13. The Director, AIIMS Bhopal has full authority to take into account the performance of manufacturer/authorized dealer or distributor/bidder and they should submit a latest performance certificate from any other Govt. Hospitals/Institutions/PSUs to testify the proper dealing & performance as well as installation and maintenance of equipment.

14. DELIVERY OF THE SUPPLIES/STORES & PENALTY/LD ON DELAY SUPPLY: -

- I. Delivery of stores shall be **F.O.R to AIIMS Bhopal**. The AIIMS Bhopal Hospital is not liable for payments on account of Freight/Taxes/Expenditures, which are to be borne by the supplier and included in his quoted rates.
- II. The firm will be bound to supply and install the entire functional system of Indian make within 60 Days and imported items in 90 Days' time strictly. Thereafter suitable action as deemed fit, will be initiated. The hospital will recover the general damages or extra expenditure incurred in the risk purchase at the risk and cost of bidder and amount paid in excess shall be deducted from their pending bills. The above shall be in addition to forfeiture of Bid Security and black listing of the firm depending upon the circumstances of the default/merit of the case.
- III. The Director, AIIMS Bhopal reserves the right to extend the period of delivery subject to imposition of a penalty of 0.50% of the value of order per week for delayed delivery of the MGP System with prior permission subject to a maximum of 10% of the total value of the order. Maximum delay of 20 weeks is admissible beyond the

previous given stipulated time. No supplies/works will be entertained after expiry of 20 weeks from the Stipulated date of completion/Work. Supply order will be treated as cancelled without any further reference and the EMD/Performance Security shall be forfeited immediately and action as deemed fit shall be initiated against the firm.

- IV. Part/Partial delivery of MGP System will not be accepted. On completion the Agency required to be obtaining the Completion Certificate from the competent authority on recommendation of MGPS committee constituted by Director, AIIMS Bhopal. The Fire Safety Measure Compliance Certificate as per prevailing Fire Safety Norms applicable for MGPS System is also required to be submitted by the Agency on completion and handing over of MGPS System to AIIMS Bhopal. If agency will fail to handover entire work within the stipulated time (i.e. 60 Days (Indian Make Items) / 90 Days (Foreign Make Imported Items) from the Date of issue of Work Order/Purchase order after Rate Contract with the Successful Agency) and its extended period subject to imposition of Penalty said above, their EMD/Performance Security Deposit will be forfeited in full.

15. INSPECTION OF SUPPLIES:-

Inspection will be done by the MGPS duly constituted committee by Director, AIIMS Bhopal and or his authorized representatives in AIIMS Bhopal Hospital premises at designated place.

16. PAYMENTS: -

Final Payments will be made only after the completion of the project/supplies/installation, Testing & commissioning of Equipment as per terms and conditions and specification against the respective e-Tender/Supply Order in the designated place of Hospital or Hospital stores duly approved on satisfactory inspection, acceptance & demonstration in case of equipment in the concerned user department in good condition against the pre-receipted bills in triplicate along with delivery challans, NEFT/RTGS Details, Test Reports/Warranty Certificates etc. The CST/Sales Tax/VAT/Excise Duty/Custom Duty/Clearing Charges/Agency Commission and any other Taxes of Statutory bodies should include in the Payment Claim Bill of Supplier Agency and the Agency solely will liable for necessary Tax Deposition to the concerned Statutory Tax Department as per applicable rules and AIIMS Bhopal will release Claim Payment after due deduction of applicable MP VAT/TDS on prevailing Tax rules to Supplier Agency after satisfactory acceptance of supplied Goods/Equipment preferably through NEFT/RTGS in the MGPS Agency's Bank Account directly by AIIMS Bhopal in the considerable time.

The Payment Stage should be as follows:-

- i) On receipt of supply of all Ordered items at Site and issue of Consignee Receipt Certificate issued by the concerned User/Store Department - 40 % of the total Order Value.
- ii) On Successful Installation, Commissioning, Testing and Handing over of operationalized MGPS System in the earmarked Area and issue of Final Acceptance Certificate - 60 % of the total Order Value.

17. OTHERS:-

Technical Evaluation Committee for MGPS constituted and approved by the Director communicated vide Office Order No. 19419 Dated 21.11.2016 will decide regarding approval of Items, Rates and Quantities required to be procured (i.e. increase/decrease in either side as indicated in Annexure-I) for different categories of

Equipment/items as per requirement of AIIMS Bhopal basis. Decision of the Director will be final and binding to all parties.

The any Tenderer shall not be allowed to transfer, assign, pledge or sub-contract its rights and liabilities under this contract to any other agency/ies without prior written consent of the Director, AIIMS Bhopal. If it is found that the firm has given sub-contract to another Agency, the contract shall stand cancelled & the performance security deposit of such Tenderer shall be forfeit by AIIMS Bhopal.

The AIIMS Bhopal shall not be responsible for any financial loss or other damaged or injury to any item or person deployed/supplied by the Supplier Agency in the course of their performing the duties to this office in connection with purchase order/supply order for supplying/installation/ commissioning of ordered Equipment/Stores/Goods/Items at AIIMS Bhopal.

18. PACKING & MARKING OF SUPPLIES:-

The firm shall supply the stores with proper packing and marking for transit so as to be received at destination free from any loss or damage. The stores supplied by the bidder should strictly conform to the labeling provisions laid down under the latest Drugs & Cosmetic Rules or other applicable statutory provisions.

Bidder/Firms have to supply the Sterility Certificate for sterilized consumable items manufactured in India or abroad from the concerned principal manufacturer (whereas applicable).

19. DISPUTES AND ARBITRATION: -

All disputes or differences arising during the execution of the contract shall be resolved by the mutual discussion failing which the matter will be referred to an Arbitrator who will appointed by the Director, AIIMS Bhopal for Arbitration for settlement of disputes in accordance with Arbitration & Conciliation Act 1996 or its subsequent amendment, whose decision shall be binding on the contracting parties.

20. LAW GOVERNING THE CONTRACT and Jurisdiction

The contract Governed under Contract Act 1872 and instructions thereon from the government of India. The Court of Bhopal shall alone have jurisdiction to decide any dispute arising out of or in respect of the contract.

21. PERFORMANCE SECURITY DEPOSIT:-

The successful Bidder will liable to deposit 10% of value of the Contract/Purchase Order as Performance Security Deposit in favor of "Director, AIIMS Bhopal" by way of "Performance Bank Guarantee in the format given at "Annexure-XII"/Fixed Demand Receipt" from nationalized/Commercial Bank refundable after expiry of the tenders/or after the completion of 5 years warranty period + 3 months (valid for i.e. 63 months) in case of supply of Equipment, subject to successful fulfillment of terms and conditions, on receipt of requisite No dues certificate from the concerned departments/authorities. Security Deposit/EMD is liable to be forfeited if the bidder withdraws or impairs or derogates the bid in any respect. For CMC after expiry of warranty period, the 10% CMC Security Deposit of CMC Value of Equipment shall require to be deposit by the Bidder to AIIMS Bhopal in the format given at "Annexure-XII".

22. Recovery of Excess Payment made to Supplier Agency:-

If a result of post payment audit any over payment is detected in respect of any supply/work done by the supplier Agency or alleged to have been done by the Agency under this e-Tender enquiry, it shall be recovered by the Institution from the Agency and Agency is liable to be deposit back the excess extra amount received by them from their agreeable amount as per Purchase Order/Work Order from AIIMS Bhopal within 30 days as and when they will receive written request from AIIMS Bhopal in this connection.

23. Overpayments made to Supplier Agency:-

If any over payment made and detected in audit in respect of any supply/work done by the supplier Agency under this e-tender enquiry, it shall be recoverable by the Institution from Supplier Agency.

24. Responsibility of Supplier Agency for providing copies of relevant records:-

The Supplier Agency shall provide the copies of relevant records during the period of contract or otherwise even after the contract is over as and when asked by AIIMS Bhopal.

No bidder/or his representative shall bring or attempt to bring any political or other outside influence on any superior authority or hospital functionaries to further his cause/ interest. In doing so, tender of the concerned bidder will be rejected without assigning any reason.

Exclusive right: The Director, AIIMS Bhopal, India.

The Director, AIIMS Bhopal, India as the full and exclusive right to accept or reject, increase or decrease order quantity, any or all the tenders without assigning any reasons and also to cancel the supply at any time without assigning any reason.

**(Medical Superintendent)
AIIMS Bhopal Hospital**

Please see annexure enclosed: - Annexure-I to XIII



Annexure-I

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital..*

Schedule of Requirement

The Scope of work Includes:

The Successful Agency should supply, install, Test & Commissioning and Maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital on **as per the Technical Specification and international standard specifications** with keeping in mind the following essential requirement to participate in this Tender document:-

1. We are looking for reputed well known Manufacturer's/Authorized Distributors/Authorized Dealers/Authorized Supplier companies, who will supply and install high quality Equipment /Instruments as per the Technical Specification and Standard mentioned in Schedule of requirement at AIIMS Bhopal for MGPS with all safety standards and quality.
2. **Companies/firms/agencies who are well known in for installation, commissioning and maintenance of MGPS in Hospitals across India and internationally manufacturing/Authorized Distributor/Dealer of the facilities should only quote as per schedule of requirement. Further firm should have capability to integrate MGPS integrations in existing facility without extra cost.**
3. The supply, installation and Testing time will be 90 Days only after the issue of NOA/Work Order strictly.
4. The quantity intimated with this tender is only the initial estimation for present urgent requirement of Medical Gas Pipe Line System at AIIMS Bhopal Hospital and it will vary in future as per the actual requirement of the institute either side (i.e. increase/decrease) and successful L-1 Agency is liable to supply, install, Testing & Commissioning and Maintenance of the additional quantities for expansion of Medical Gas Pipe Line System based on need and services of the Hospital equal to double of the estimated cost on accepted and approved rates to AIIMS Bhopal during concurrency of Annual Rate Contract. AIIMS Bhopal.
5. The minor nature in-situ works like minor Electrical/Plumbing/Civil Works, if required for Medical Gas Pipe Line System Equipment/Accessories installation, will carried out and borne by the Successful L-1 Agency, and for this purpose no extra payment, what so ever will not paid by AIIMS Bhopal to any Agency. He will be responsible for restoration of the building structure to its original and to the satisfaction of the AIIMS engineers.

6. The Medical Gas pipe Line Agency should himself responsible for taking each and every safety measure required during execution of work and afterwards in its Maintenance work at Client side and ensure before starting execution of work to follow all the standard practices as per applicable prevailing Acts, Rules and Norms to avoid any mishap/accident at AIIMS Bhopal Hospital site due to his negligence. The Contractor should fully responsible for the same and indemnify Client (i.e. AIIMS Bhopal) for all such incidences and liable to face any legal/financial/procedural or other applicable consequences if occurred due to this reasons.
7. The Successful Agency is liable for preparation of Site Layout Plan for Medical Gas Pipe Line System Scheme and submits to AIIMS Bhopal authorities for approval before execution of work. After completion of the allotted work, the Final Completion Drawing duly signed and stamped by MGPS committee of hard and its soft copies in DVD form may also be handed over to AIIMS Bhopal.

Required Technical Specification

1. Scope of work, supply, installation, testing, commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital.

Table-1: Tentative required quantity of Gas Outlets in the current earmarked area for Supply, Installation, Testing & Commissioning of Medical Gas Pipe Line at AIIMS Bhopal Hospital

PART A:

S. No.	Area	No of Beds	Oxygen Outlets	Nitrous Outlets	MA-4	MA-7	Vacuum Inlet	AGSS Inlet	OT retractable pendants
1.	First Floor OTs (4 Nos.)	-	8	8	4	4	8	4	4

PART B:

S. No	Area	No of Beds	Oxygen outlets	Nitrous outlets	MA-4	Vacuum Inlet	AGSS Inlet	Horizontal or vertical pendants
1	Recovery Room	6	12	-	-	12	-	-
2	Preop Area	4	4	-	-	4	-	-
3.	Induction Room/Block room	1	2	1	1	2	-	1
4.	Instrument drying area	-	-	-	2	-	-	-
5	ICU & Isolation room	6	12	-	6	12	-	6
6	CT room	1	2	1	1	2	1	1
	Total	18	32	2	10	32	1	8

Table-2: Tentative Quantity of piping work in the current earmarked area of Medical Gas Pipe Line System

S. No.	Piping	Unit	Qty
9.	Medical Grade copper as per BS EN 13348:2008 and CE(European preferred) Marked		
9.01	Copper pipe for medical use with 12 OD x 0.7 mm	Mtr	150
9.02	Copper pipe for medical use with 15 OD x 0.9 mm	Mtr	500
9.03	Copper pipe for medical use with 22 OD x 0.9 mm	Mtr	450
9.04	Copper pipe for medical use with 28 OD x 1.2 mm	Mtr	200

(* The quantity of required above requested Copper Pipes can be increase and decrease as per actual requirement of the planed Medical Gas Pipe Line Area of the requested facility up to the connecting point, where from these pipes terminates).

1. Standard and conditions should comply as follows:
 - a. Terminal unit shall comply with CE (European) / ISO 9170 -1
 - b. Gas- specific connector shall comply with the body of a NIST or DISS connector complying with ISO 5359.
 - c. Pendants, bed head units, shall comply with CE (European) / EN ISO 11197.
 - d. Line Pressure regulator shall comply with ISO 10524-2
 - e. Pressure gauges shall comply with the requirement given in CE (European- preferred)/ ISO 10524-2.
2. Copper pipes to be certified by the international recognized body e.g. IIIrd party inspection (**Like Loyd Certified or any other applicable recognized authentic Third Party Inspection**)
3. Only one standard system to be adhered of any international standards.
4. The vendor should collect the copy of building layout plan, visit the site and make their own proposal.
5. The measurement of distribution piping will be done once final work is done and system is functional, accordingly payment will be made.
6. Successful Vendor will be responsible for testing the system and has to give declaration in written that this system is now functional properly and safe for patient use. If vender does not comply on it then Institute has the right to get it inspect from external experts on vender's expenditure.
7. On the completion of work the successful bidder should also to provide a fire safety certificate stating that he has followed all norms of prevailing Fire Act 2005 and the designed and installed MGPS system is "Fire Proof".
8. The MGPS work asked in the Schedule of Requirement should be completed by the successful Bidder Company in all respect within the time period of 60 days (Indian Make)/ 90 days (Imported Make) from the date of issue of Work Order.

The extension of pre-existing MGPS will consists of:-

1. **Operation Theatre Ceiling Pendants**
2. **Induction Room/Block area**
3. **ICU Modular bed head panels**
4. **CT Room and MRI room**
5. **Equipment drying area**
6. **Distribution Piping**
7. **Monitoring and alarm system**
8. **Terminal Gas Outlets**
9. **Accessories**

1. Operation Theatre Ceiling Pendants

The Retractable Ceiling Pendant shall be of pneumatically / electrically operated type. The pendant shall consist of an upper section for rigid mounting at the ceiling level and a telescopic lower section capable of being extended to a maximum of 18 inches. The retractable section of the pendant will be lowered or raised at any position. With the aid of an internal tracking system, the movement of the telescopic portion will glide freely up or down. The upper and lower section should be made of 16 gauge stainless steel with a # 4 satin finish and should be complete with

- a. Removable access panel
- b. Stainless Steel Ceiling Collar
- c. A heavy gauge steel mounting plate, equipped with brazed type copper fittings for all medical gas connections above the ceiling line. All electrical and medical gas services shall be provided to the face of the lower section by means of flexible hoses and cables. All threaded connections will comply with NFPA, CGA and ISS recommendations preventing interchanging of connections.

The Retractable Ceiling Pendant should have provision to accommodate the following:

- Oxygen - 2 nos.
- Nitrous Oxide – 2 no.
- Compressed Air – 1 no. (4bar), 1 no. (7 bar)
- Vacuum - 2 nos.
- 6/16 amps switch socket outlet : 8
- Any combination of Ground Jacks, Computer Outlets, Communication Devices, Slides and IV Hooks

2. Induction Room/Block room

The Bed Head panel shall be constructed out of extruded aluminum profiles with powder coating. The Bed Head Panel shall house gas outlets and electrical sockets & switches. The panel shall have provision for incorporating nurse call system facility. Segregation of services i.e. electrical and medical gases shall be maintained through out as per standard. Each Bed Head panel shall accommodate the following :

Gas Outlets:

- | | |
|----------------------------|----------|
| Oxygen | - 2 nos. |
| Nitrous oxide | - 1 nos. |
| Compressed Air | - 1 nos |
| Vacuum | - 2 nos. |
| Point for data cable input | - 1nos. |
- 6/16 amps switch socket outlet: 8
 - Provision for one Nurse Call System

3. ICU Modular Bed Head Panel (Horizontal / Vertical)

The Bed Head panel shall be constructed out of extruded aluminum profiles with powder coating. The Bed Head Panel shall house gas outlets and electrical sockets & switches. The panel shall have provision for incorporating nurse call system facility. Segregation of services i.e. electrical and medical gases shall be maintained through out as per standard. Each Bed Head panel shall accommodate the following :

Gas Outlets:

- Oxygen - 2 nos.
- Compressed Air - 1 nos
- Vacuum - 2 nos.
- Point for data cable input - 1nos.
 - 6/16 amps switch socket outlet : 8
 - Provision for one Nurse Call System

4. CT Room:

The Bed Head panel shall be constructed out of extruded aluminum profiles with powder coating. The Bed Head Panel shall house gas outlets and electrical sockets & switches. The panel shall have provision for incorporating nurse call system facility. Segregation of services i.e. electrical and medical gases shall be maintained through out as per standard. Each Bed Head panel shall accommodate the following :

Gas Outlets:

- Oxygen - 2 nos.
- Nitrous oxide - 1 nos.
- Compressed Air - 1 nos
- Vacuum - 2 nos.

- Point for data cable input - 1nos.
 - 6/16 amps switch socket outlet : 8
 - Provision for one Nurse Call System

MRI Room: Primary MRI Compatible Gas outlets have been installed by the MRI machine supplier and required piping work has been done till outside wall of MRI room. Therefore, this piping work outside of MRI unit has to be connected with pre-existing MGPS.

5. Equipment drying area: Two Compressed air points will be needed for equipment drying. The conduit of compressed from outlets should be coiled, robust and at least 2 meter in length. Intermittent regulation of compressed air flow using air gun should be done. Air gun should be made up of metal (Bass / SS) and durable.

6. Distribution piping

The scope of work shall cover all distribution, piping and terminal units for oxygen, nitrous oxide, compressed air and vacuum in order to provide standard flow rate and pressure at the proposed outlet point.

The specifications for distribution piping system should be.
The pipe sizes to be used are from among as under:

Copper pipe OD (in mm)	Thickness (in mm)
12	0.7
15	0.9
22	0.9
28	1.2

Material (Pipe) : The piped distribution system shall use copper pipes manufactured from phosphorous de-oxidised non-arsenical copper, seamless, half hard, tempered to comply with ASTM B 819.00; 2002 standards. Pipes are to be degreased suitable for oxygen use. accordance with the requirements of BS EN 1254-1: 1998 Part 1. 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 silver-copper-phosphorous 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 for 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 nominally 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.

All pipelines for medical gases shall be routed in such way that they are not exposed to a temperature less than 50C above the dew point of the gas distribution pressure, If pipeline placed underground they 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 non-metallic pipes should not exceed the value given below:

Pipe outside diameter	Maximum interval between support (in meter)
Up to 15	
22-28	2.0
35-54	2.5
> 54	3.0

Test: After erection, all the new pipes cleaned or purged with the help of dry nitrogen gas. And complete existing and new system will be tested with dry nitrogen 1.5 times of working pressure for 24 hrs. System should be tested for integrity, leakage, obstruction flow, particulate contamination, pressure relief valve, and monitoring and alarm system. The pipes should be accompanied with manufacturers test certificate for the physical properties & chemical composition. Further the pipe should be got tested by a international reputed third party, and certificate to this effect should also be provided. Imported copper fitting shall be made of copper and suitable for steam working Pressure of 17 bar and especially made for brazed socket type connections. All area of pipeline should be isolated by putting shut-off valve at various levels and lockable line valve to match with HTM 2022, EN737.

Marking and colour coding: Pipeline shall be marked with the name and/or symbol adjacent to shutoff valves, at the junctions and the changes of direction, before and after walls and partitions, etc. at the intervals of no more than 10 mtr and adjacent to terminal units. Marking shall include arrows denoting direction of flow and letters used for marking not less than 6mm high. All existing main pipes and proposed exposed pipes/should be painted with two coats of synthetic enamel paint & color codification to comply with ISO 5359. All concealed pipes to have gas identification bands/labels at appropriate distance. Similarly all pipes which need embedding in the wall will be tested/painted/labeled and properly insulated in accordance with ISO 5359.

7. Monitoring and alarm system

Monitoring system will have four types of alarm, operating alarm emergency operating alarm, emergency clinical alarm and information signals. All parameters should be displayed in digital form. Signals should be auditory, visual and indicate colour. Auditory signals can be silenced by operator but silencing period should not exceed 15 min. Auditory and visual signal requirements should comply with IEC 60601-1-8

- The alarm system will be of modular construction and digital type, should provide visual indication of normal status and location of indicator panel should allow continuous observation.
- Indicator panel displaying all operating alarm signals shall be installed in at least one location allowing continuous observation. Signal should indicate: .
- Emergency clinical alarm signal shall be installed in the critical area (in each OT) and an additional panel will be installed near the area shut-of valve and shall indicate area monitored.

- Alarm system shall be of the design so that an alarm is initiated if there is electrical power failure between the sensor and the indicator.
- Monitor and alarm system shall be connected to the normal and emergency electrical power supply.
- The default set point shall be $\pm 20\%$ variation from normal condition. Set point shall be adjustable on the board. In addition “ Push to Test” & ‘Alarm silence” button shall be easily accessible to operator and test the unit.
- There should one gauge in each OT to monitor MA 7 bar pressure.
- Each specific service shall be provided with LED digital readout comprising of 0-250 p sigand 0-30 inch Hg for vacuum.

Alarm categories and signal characteristics

Category	Indicator Colour	Visual	Auditory Signal
Emergency Clinical alarm	Complying with IEC 60601-1-8	Complying with IEC 60601-1-8	Complying with IEC 60601-1-8
Emergency operating alarm	RED	Flashing	YES
Operating alarm	Yellow	Constant	No

8. Terminal Outlets

(To be installed on Wall Recessed O concealed) /Console;; on Ceiling Pendant in ICU and operation theatre) All outlets should be double lock quick connect and gas specific for the services indicated (viz. O₂ N₂O, MA 4, AGSS & Vacuum) and to accept only compatible quick connect Geometric Index type steel adapters. The outlet shall be meet EN 737, BS 6834, HTM 2022, BS 5682: 1984 standards.

The rough in assembly shall be of modular design and include a gas specific 16 SWG Steel mounting plate design to permit onsite ganging of multiple outlet, in any order, on 5”center line spacing. A machine brass outlet block shall b permanently attached to the mounting plate in such a manner so as to permit the 18” long, 3/8” OD inlet copper tube to be swiveled 360 degrees for the attachment to the piping system. Gas service identification shall be affixed to the inlet tube and face of 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 1/2” high metal flange around the outlet block seal opening shall provide a plaster barrier. 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.

A temporary, transparent cover shall be provided to keep debris out of the outlet during installation while permitting label 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 valve assembly shall include an “O” ring seal primary valve and be gas specific for the labeled service and accept only corresponding compatible hose and apparatus adapters. The latch valve assembly shall be indexed to the corresponding rough in assembly to avoid accidental cross fitting and shall telescope upto 3/4” to allow for variation in finished wall thickness from 1/2” to 1-1/4”, A metal trim plate with permanent, color coded marking of service identification shall be included as part of the latch valve assembly.

For each recessed outlets-a die cast, epoxy powder coated cove plate shall be provided to trim each outlet and to fill the space between adjacent outlets. Cover plate design shall allow latch valves individually removed for servicing.

The latch/locking release mechanism should be incorporated on to the gas outlet with geometrical key indexing on specific adapter (probe) and should also have a parking facility.

9. Accessories

- a. Ward Vacuum Unit Wall Mounted Type Should be ISO 9000 certified and complies HTM-2002, B.S. Standard. 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.
 - Should have continuous suction controller with reliability & 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, autoclavable, unbreakable, fitted with an anti overflow safety device.
 - Collection jar should be unbreakable and auto- clivable, Polycarbonate jars, Jar capacities mustbe between 1000-1500ml.
- b. Operation theatre vacuum unit:
 - Unit will be consisting minimum of two reusable 2000 - 3000 ml shatter resistance bottle, including an anti overflow safety device, each made up of autoclavable polycarbonate jars.
 - A vacuum regulator with instant ON/OFF switch and a three way selector switch with an option to operate either-Left-right-both.
 - All above items will be mounted on a trolley having free moving castor wheels.
- c. Flow meter with humidifier:

Back pressure compensated flow meter will be of accurate gas measurement with following features:

 - Flow control within range of 0 - 15 l/min.
 - Flow tube should have large and expanded 0-5 liters/min ranges for improved reliability.

All the Equipment supplied and Installed in requested Medical Gas Pipe Line System Should be Preferably European CE/USFDA/UL and ISO certified.

All bidders should quote equipment/items with following approved standards/requirement:-

- **All equipment should be CE (European)/USFDA/UL Certified.**
- **Manufacturers/Suppliers should have ISO certification for quality standards**
- **Comprehensive onsite warranty inclusive of all spares, labor and maintenance for 5 years and 5 years CMC after warranty must be quoted in the given Format at Annexure-VIII.**
- **Electrical safety conforms to standards for electrical safety IEC-60601 or better- general requirements.**
- **Fire Safety Measure conforming to prevailing MGPS Fire Safety Norms should be complied and the certificate for the same should be submitted to the AIIMS Bhopal by the Bidder before asking completion Certificate from AIIMS Bhopal.**
- **Certificate of calibration and inspection.**
- **All Literature (Log Book/Maintenance Record/Troubleshooting/Operation Manuals etc.) supplied with each of equipment by Principal Manufacturer should be in Original.**
- **All consumables required for installation and standardization of equipment should be supplied free of cost with Equipment.**
- **All required Training to the associated concerned staff at Client Site (i.e. at AIIMS Bhopal) should be organized by the Tenderer on his cost.**



ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS) BHOPAL
Saket Nagar, Bhopal-462020 (Madhya Pradesh) India
Website :www.aiimsbhopal.edu.in Email: etender@aiimsbhopal.edu.in
E-Tendering Portal: <https://www.tenderwizard.com/AIIMSBHOPAL>

Annexure-II

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System for First Floor Trauma OT Complex, CT, MRI Imaging unit at AIIMS Bhopal Hospital.*

UNDERTAKING

*FOR COMPLIANCE OF ALL TERMS & CONDITIONS MENTIONED IN THIS TENDER DOCUMENT
(To be executed on Rs. 100/-Non-judicial Stamp Paper duly attested by Public Notary)*

To

The Director,
AIIMS Bhopal,
Saket Nagar, Bhopal-462 020 (MP), India

Sir,

1. The undersigned certify that I/we have gone through the terms and conditions mentioned in the tender document and undertake to comply with them. I have no objection for any of the content of the tender document and I undertake not to submit any complaint/ representation against the tender document after submission date and time of the tender. The rates quoted by me/us are valid and binding on me/us for acceptance till the validity of tender.
1. **I/We undersigned hereby bind myself/ourselves to ALL INDIA INSTITUTE OF MEDICAL SCIENCES BHOPAL, SAKET NAGAR, BHOPAL-462020 (MP) INDIA to supply the approved awarded Equipment/Instruments/Apparatus/items in the approved prices to AIIMS Bhopal, during the Rate Contract period under this contract.**
2. The articles shall be of the best quality and of the kind as per the requirement of the institution. The decision of the Director, AIIMS Bhopal, India (herein after called the said officer) as regard to the quality and kind of article shall be final and binding on me.
3. The supplier should arrange for a demonstration of the equipment, preferably within the hospital premises to duly constituted committee, if directed. Failure to arrange for a demonstration on the given date may lead to cancellation of the bid. Cost of such demonstration shall be borne by the bidder.
4. Performance security 10% of the cost of the supply value shall be deposited by me in the form of FDR/Bank Guarantee in the name of The Director, All India Institute of Medical Sciences, Bhopal (India) in the format at annexure XII attached herewith on award of the contract and shall remain in the custody of the Director till the validity of the Tender Contract plus three month (i.e. for 63 months).

5. Should the said officer deem it necessary to change any article on being found of inferior quality, it shall be replaced by me/us free of cost in time to prevent inconvenience.
6. I/We hereby undertake to supply the items during the validity of tender as per directions given in supply order within stipulated period positively.
7. If I/We fail to supply the stores in stipulated period the AIIMS Bhopal hospital has full power to compound or forfeit the Bid Security/security deposit.
8. I/We declare that no legal/financial irregularities are pending against the proprietor/partner of the tendering firm or manufacturer.
9. I/We undertake that the rates quoted by me when approved and selected by the Director, AIIMS Bhopal will be valid for one year from the date of approval of the rate contract in the format given in Annexure-XIII or till extended as mutually agreed upon. I/we undertake to be made functional and deliver the Medical Gas Supply System in the earmarked area within 60 Day time for Indian make items and within 90 Day time for imported items. I/we undertake to supply the order within stipulated period and if fail to supply and deliver the work order during the stipulated period the necessary action can be taken by the Director, AIIMS Bhopal, India.
10. I/We undertake that if the rates of any items are lowered due to any reason, I will charge the lower rates.
11. I/We undertake that the items supplied are as per Demonstration/Catalogue/technical literature description/technical presentation.
12. I/We undertake that the quoted rates are not higher than that approved in any other Govt. institutions in India for the same items during the current Financial Year.
13. Affidavit regarding No CBI Inquiry/FEMA/ Criminal proceeding/Black listing is pending or going on against the manufacturer/bidder firm is also enclosed. I undertake that I will not submit any irrelevant documents with the tender and in doing so I will not have any objection if my tender is rejected on that ground.
14. I/We undertake supply of free of Cost required Consumables for three month period with Equipment against each of equipment for make operational equipment at the Client site.
15. I/We undertake to supply the all Literature (Log Book/Maintenance Record/Troubleshooting/Operation Manuals etc.) supplied with each of equipment by Principal Manufacturer in Original to AIIMS Bhopal.
16. I/We undertake to calibrate Equipment as per requirement and frequency as indicated in the Annexure-I Technical Specification of Equipment for ensuring optimum operation of equipment at the Client site.
17. I/we do hereby confirm that the prices/rates quoted are fixed and are at par with the prices quoted by me/us to any other Govt. of India/Govt. Hospitals/Medical Institutions/PSUs. I/we also offer to supply the Equipment/stores at the prices and rates not exceeding those mentioned in the Financial Bid.
18. I/we do accept/agree for the all clauses including the 5 years onsite Warrantee inclusive of all spares, labour and maintenance etc. And after expiry of warranty period, the 5 years CMC for Equipment on approved rates and payment terms and conditions of this tender enquiry.

19. I/we have necessary infrastructure for the maintenance of the equipment and will provide all accessories/spares as and when required.
20. I/we also declare that in case of change of Indian Agent or for any other change. Merger, dissolution solvency etc. in the organization of our foreign principles, we would take care of the Guarantee/Warranty/Maintenance of the machinery/equipment and have provided written confirmation for the same.
21. I/we undertake to get the equipment repaired within 48 hours of the receiving of the complaint from the Hospital failing which a penalty at the rate of 500/- per day from pending bill/Bank Guarantee before releasing the same to us after 63 months.
22. I/we undertake that if client will assign the any additional work during the validity of contract agreement period/any extended period, we shall honor the same and execute the additional MGPS work (if any) on the our approved unit items rate basis.
23. I/we undertake, that we will fully indemnify AIIMS Bhopal in any case of Accident/violation of any applicable Law/mishap occurred during execution of the MGPS Work or its maintenance period.
24. I/we undertake, If as a result of post payment audit any over payment is deducted in respect of any Supply/work done by our Agency or alleged to have been done by our Agency under this tender, it shall be recovered by the AIIMS Bhopal from our Agency.
25. I/we undertake, If any under payment is discovered, the amount shall be duly paid to our Agency by the AIIMS Bhopal.
26. I/we undertake that we shall liable to provide all the relevant records copies during the concurrency period of Contract or otherwise even after the Contract is over, whenever required by AIIMS Bhopal.

Affirmation

I pledge and solemnly affirm that the information submitted in tender documents is true to the best of my knowledge and belief. I further pledge and solemnly affirm that nothing has been concealed by me and if anything adverse comes to the notice of purchaser during the validity of tender period The Director, All India Institute of Medical Sciences, Bhopal (India) will have full authority to take appropriate action as he/she may deem fit.

Signature of Bidder

(Name of Bidder)

Place

With seal of firm

Date.....



ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS) BHOPAL
Saket Nagar, Bhopal-462020 (Madhya Pradesh) India
Website : www.aiimsbhopal.edu.in Email: etender@aiimsbhopal.edu.in
E-Tendering Portal: <https://www.tenderwizard.com/AIIMSBHOPAL>

ANNEXURE – III

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital..*

CRIMINAL LIABILITY UNDERTAKING

(To be executed on Rs.50/-Non-judicial Stamp Paper duly attested by Public Notary)

I/we.....S/o..... Resident of

.....

..... Do solemnly pledge and affirm: -

1. That I/we am/are the proprietor /partner/authorized signatory of

M/s.

2. That my/our firm has not been declared defaulter by any Govt. Agency and that NO case of any nature i.e. CBI/FEMA/Criminal/Income Tax/VAT/ Sales Tax/ Blacklisting is pending against my/our firm.

Name & Signature

Seal of the participating Bidder Company with Date

Affirmation/Verification



ANNEXURE-IV

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System for First Floor Trauma OT Complex, CT, MRI Imaging unit at AIIMS Bhopal Hospital..*

PRE-QUALIFICATION BID DOCUMENTS CHECK LIST

(MANDATORY DOCUMENTS NEEDS TO BE UPLOADED)

(Upload Signed and scanned copy of following Pre-Qualification Bid Documents in Pre-Qualification Bid Document Slot of E-Tendering Solution)

S. NO.	NAME OF DOCUMENT'S LEGIBLE SCANNED COPIES REQUIRED TO BE UPLOADED*	YES	NO	Remarks
(1)	Original Hard Copy of the following document must be kept in the "Pre-Qualification Bid" Envelope and sealed envelope must dropped in person in the Tender Box Kept in the Office of Medical Superintendent, AIIMS Bhopal Hospital, Saket Nagar, Bhopal-462 020(MP) before the Closing date given in the e-Tendering Schedule against this e-Tender ID.			
A	EMD as given in the NIT Table No. 1 in the form of FDR/BG in the format given at "Annexure-XI" from nationalized Bank, in favor of "Director, AIIMS Bhopal" should be valid for Nine months period (i.e. 270 Days)			
B	Tender Document fee of Rs. 1050/- in way of Demand Draft/Banker's Cheque in the name of "Director, AIIMS Bhopal". (Nonrefundable)			
C	Original copy of Undertaking for acceptance of all Terms & Conditions mentioned in this E-Tender on Non Judicial Stamp Paper worth of Rs. 100/- as per Annexure – II, duly attested by notary public			
D	Original copy of Undertaking for Criminal Liability on Non Judicial Stamp Paper worth of Rs. 50/- as per Annexure – III, duly attested by notary public			
(2)	Following Prequalification Documents Duly Signed, Attested scanned copies to be compulsorily uploaded in the "Pre-Qualification Bid Slot" on e-Tender solutions by the participating Bidder:-			
I.	The scanned copies of above said documents as mentioned at (1) A, B, C, D shall also be submitted along with the online tender document in the E-Tendering portal of AIIMS Bhopal (i.e. https://www.tenderwizard.com/AIIMSBHOPAL) in Pre-Qualification Bid Slot section.			
II.	Signed and scanned valid copy of Firm/Company Registration/Incorporation Certificate.			
III.	Signed and Scanned Copy of proof of latest quarter VAT/ST returns filed by the participating company as applicable for current financial year 2016-2017.			
IV.	Signed and Scanned Copy of PAN Card of the firm/company.			

S. NO.	NAME OF DOCUMENT'S LEGIBLE SCANNED COPIES REQUIRED TO BE UPLOADED*	YES	NO	Remarks				
V.	Signed and scanned copy of Income Tax return of the firm/company for the last three financial years (i.e. For Assessment FY 2013-14, 2014-15, 2015-2016) must require to be uploaded.							
VI.	Legible scanned copies of clearly showing the average Turnover with Audited Balance Sheet and Profit & Loss Account for last three Financial Years (i.e. for FY 2013-14, 2014-15 and 2015-16) duly certified by the Chartered Accountant/Company Secretary should be required of the value in Rupees to be uploaded by the participating Bidder against this e-Tender Enquiry as per below mentioned Table :- <table border="1" data-bbox="402 527 1081 737"> <thead> <tr> <th>Mandatory Requirement</th> <th>Average Turnover requirement (in Rs.)</th> </tr> </thead> <tbody> <tr> <td>Last Three FY's (2013-14, 2014-15 and 2015-16) Average Turnovers should be required for participation in this Tender</td> <td>35,00,000/- (Thirty Five Lakh Only)</td> </tr> </tbody> </table>	Mandatory Requirement	Average Turnover requirement (in Rs.)	Last Three FY's (2013-14, 2014-15 and 2015-16) Average Turnovers should be required for participation in this Tender	35,00,000/- (Thirty Five Lakh Only)			
Mandatory Requirement	Average Turnover requirement (in Rs.)							
Last Three FY's (2013-14, 2014-15 and 2015-16) Average Turnovers should be required for participation in this Tender	35,00,000/- (Thirty Five Lakh Only)							
VII.	Singed and attested legible scanned copies of Performance Certificates regarding Supply, Installation, Maintenance and assessment of their MGPS Installation/Equipment Performance/Items, which they have been supplied, installed and maintaining to various reputed Government Hospitals/Institutions/PSU's Hospitals/Institutions in India in last five years.							
VIII.	Signed & scanned copy of the authorization Letter in the name of Authorized Person allowed by Proprietor / Owner to sign the documents in case the owner/proprietor is not signing the tender document.							
IX.	Signed and Scanned Check List of Pre-qualification required documents as per Annexure-IV must upload in the respective Pre-Qualification Bid Document Slot in the e-Tendering solution of AIIMS Bhopal by the Bidder.							
	If the above all desired document's from (1) A, B, C, D & (2) I, II, III, IV, V, VI, VII, VIII legible scanned copies has not uploaded by the any participating Bidder, his bid liable for rejection in "Pre-Qualification Bid" Stage.							

Name & Signature

Seal of the participating Bidder Company with Date

*Note:(√) in applicable column.

[For office use only] Bid is Accepted/rejected

Signature -----
with name & date

Signature -----
with name & date

Signature -----
with name & date



ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS) BHOPAL
Saket Nagar, Bhopal-462020 (Madhya Pradesh) India

Website : www.aiimsbhopal.edu.in

E-Tendering Portal: <https://www.tenderwizard.com/AIIMSBHOPAL>

Annexure V

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital.*

TECHNICAL BID

(Upload Signed, Stamped & Scanned copy with Technical Bid Documents in the Technical Bid Document Slot of E-Tendering Portal)

Tender Item No.	Name of the item (as per the Tender Schedule of Requirement Annexure-I)	Make & Model Quoted	Indian/ Imported/ Country of Origin	Catalogues YES/NO	Demonstration Yes / no	Deviation to specification if any with reason
1	Oxygen Outlet					
2	Nitrous Outlet					
3	MA-4					
4	MA-7					
5	Vacuum Inlet					
6	AGSS Inlet					
7	OT Retractable Pendants					
8	Horizontal or Vertical Pendants					
9.	Medical Grade copper as per BS EN 13348:2008 and CE(European preferred) Marked of following technical specification					
9.01	Copper pipe for medical use with 12 OD x 0.7 mm					
9.02	Copper pipe for medical use with 15 OD x 0.9 mm					

<i>Tender Item No.</i>	<i>Name of the item (as per the Tender Schedule of Requirement Annexure-I)</i>	<i>Make & Model Quoted</i>	<i>Indian/ Imported/ Country of Origin</i>	<i>Catalogues YES/NO</i>	<i>Demonstration Yes / no</i>	<i>Deviation to specification if any with reason</i>
9.03	Copper pipe for medical use with 22 OD x 0.9 mm					

Signature, Name of Authorized Person of the Bidder with Seal

Date:.....

Place:.....

Contact Cell No. :

Email ID :

E-TENDER ID: AIIMSBPLHOSP161700815012017

TECHNICAL BID DOCUMENTS CHECK LIST
(MANDATORY DOCUMENTS NEEDS TO BE UPLOADED)

(Upload signed and scanned copy of following Technical Bid Documents in Technical Bid Document Slot of E-Tendering Solution)

S. NO.	NAME OF DOCUMENT REQUIRED TO BE UPLOADED*	YES	NO	Remarks
(1)	<p>Hard copies of documents to be submitted on or before closing date as per e-tendering solution in the Sealed Envelope super scribing “Technical Bid” with e-Tender ID: (Absence of the any documents tender may be rejected). Serial Number of submitted documents should be in sequence as mentioned below:</p> <p>(I) Original Catalogues properly numbered should be submitted as hard copies</p> <p>(II) Original copies of Technical Literature/Catalogues for each item quoted duly put code number (if any) of items as per tender item List given in Schedule of Requirement (Annexure-I) on each catalogue/literature document. Non submission may lead to non-consideration of the bid for that item. In sealed in envelop</p>			
(2)	<p>Following Technical Bid Document’s Duly Signed, Attested scanned copies to be uploaded in the “Technical Bid Slot” in the E-Tendering solution by Bidder:-</p>			
I.	Signed & Legible scanned copy of the Technical bid “Annexure-V”			
II.	Scanned copy of Technical Specification Compliance Sheet for each of participating item with its make, model & country of origin must be uploaded by interested Bidder for Technical Evaluation purpose on those items he want to participate as per the list of items given in the Schedule of Requirement at “Annexure-I” of this e-Tender Enquiry.			
III.	Scanned copy of Declaration in case of manufacturer or Scanned & Attested copy of current contract/Authorization – between manufacturer and distributor /bidder as the case may be in the format given at “Annexure-X”. Declaration / authorization from the manufacturer should be submitted for every quoted item / equipment. However, if the bidder is quoting more than one equipment/item of the same make, single authorization mentioning the name of items / equipment from the manufacturer is sufficient.			
IV.	In case of imported stores, Bidder should submit scanned and signed copy of authorization of agency agreement elaborating on the responsibility of foreign supplies / principal and service to the Bidder by the Indian Agent giving details of services available in India.			
V.	<p>Signed and scanned copies of Manufacturing Capabilities with respect to personnel, equipment and manufacturing facilities, the following necessary supportive documents duly Signed and Sealed must required to be uploaded:-</p> <ul style="list-style-type: none"> • Registered with the Government (Central/State) for manufacturing / importing quoted Goods / Distributing / Dealing with quoted goods/items. • Holding a valid License for manufacturing of the quoted goods/items Or Valid permission for importing the quoted goods Or Registered for and having permission for 			

S. NO.	NAME OF DOCUMENT REQUIRED TO BE UPLOADED*	YES	NO	Remarks
	warehousing/ cold chain / Storage capabilities <ul style="list-style-type: none"> Holding a valid GMP Certification (if applicable for the quoted products). 			
VI.	Signed and Scanned copies of ISO and Preferably CE(EUROPEAN)/USFDA/DGCI/UL valid certifications from competent authority with clearly showing validity date in respect of quoted item.			
VII.	Signed and Scanned Check List of Technical Bid required documents as per "Annexure-V(a)" must uploaded in the respective Technical Bid Documents Slot in the e-Tendering solution.			

Name & Signature

Seal of the participating Bidder Company with Date

*Note:(√) in applicable column.

[For office use only] Bid is Accepted/rejected

Signature -----
with name & date

Signature -----
with name & date

signature -----
with name & date



ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS) BHOPAL

Saket Nagar, Bhopal-462020 (Madhya Pradesh) India

Website : www.aiimsbhopal.edu.in

E-Tendering Portal:

<https://www.tenderwizard.com/AIIMSBHOPAL>

ANNEXURE – VI

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital.*

FINANCIAL BID

(Upload Signed, Stamped and scanned copy of Financial Bid in Financial Bid Document Slot of E-Tendering Solution)

<i>Tender Item No.</i>	<i>Name of the item (as per the Tender Schedule of Requirement Annexure-I)</i>	<i>Make & Model Quoted, Country of Origen</i>	<i>Unit</i>	<i>Basic Unit Rate of the Item</i>	<i>VAT/ Taxes on Col. 5 (in %)</i>	<i>VAT/ Taxes on Col. 5 (in Rs.)</i>	<i>Unit Rate inclusive of Taxes as given in Col No. 7up to FOR (in Rs.) (in Figures)</i>	<i>Unit Rate inclusive of Taxes as given in Col No. 7up to to FOR (in Rs.) (in Rs.) (in words)</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Oxygen Outlet							
2	Nitrous Outlet							
3	MA-4							
4	MA-7							
5	Vacuum Inlet							

Tender Item No.	Name of the item (as per the Tender Schedule of Requirement Annexure-I)	Make & Model Quoted, Country of Origen	Unit	Basic Unit Rate of the Item	VAT/ Taxes on Col. 5 (in %)	VAT/ Taxes on Col. 5 (in Rs.)	Unit Rate inclusive of Taxes as given in Col No. 7up to FOR (in Rs.) (in Figures)	Unit Rate inclusive of Taxes as given in Col No. 7up to to FOR (in Rs.) (in Rs.) (in words)
6	AGSS Inlet							
7	OT Retractable Pendants							
8	Horizontal or Vertical Pendants							
9.	Medical Grade copper as per BS EN 13348:2008 and CE(European preferred) Marked of following technical specification							
9.01	Copper pipe for medical use with 12 OD x 0.7 mm							
9.02	Copper pipe for medical use with 15 OD x 0.9 mm							
9.03	Copper pipe for medical use with 22 OD x 0.9 mm							

1. Quoted Rates should be inclusive of everything viz. Freight Charges, Packing Charges, Forwarding & Insurance Charges, Transportation & Octroi, Supply, Installation, Testing, Commissioning upto FOR, 5 Years Onsite Warranty inclusive of all Spares & Labour and

Maintenance, Sales Tax/VAT/Excise Duty/Custom Duty (add applicable CD% beyond the CDEC Provided by AIIMS Bhopal) / Custom Clearance Charges/Agency Commission etc. and Free of Cost Consumables for three months period is required to be supplied by the Tenderer with Equipment for make it operational at the Client site including all required accessories and in-situ works (like civil, plumbing & mechanical works etc) in case of Equipment supply which needs consumables/such kind of in-situ works for their day to day smooth functioning at respective location in the user department at Clint site. Quoted Price means that all such expenses have been taken in account by the Bidder and are inclusive in the Quoted Offered Price.

2. The Bidder will quote firm rates inclusive of all Taxes & expenditure upto F.O.R. to AIIMS Bhopal basis. The payment on agreed terms and conditions basis shall be made to the Agency after deduction of applicable MP VAT/Taxes against the completed work.
3. L1 will be decided on total cost of the requested Equipment plus Consolidated 5 years CMC cost.
4. L-1 will be determined in overall package price including 5 years CMC Price. Such L-1 Vendor will be required to match the item wise L-1 Rate for each Item. Quoting prices for each item is mandatory on part of the vendor.

Name(s) & Signature of Authorized person of the Bidder Company with seal

Name of the FirmDate..... Place.....



ANNEXURE – VII

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital.*

CMC CHARGES

(Applicable only if participating for Equipment)

(Upload Signed, Stamped and scanned copy of Financial Bid in Financial Bid Document Slot of E-Tendering Solution)

The Rates should be quoted in percentage (%) Only of the total cost quoted by the bidder of the main equipment.

Tender Item No.	Name of the Equipment	Rates of CMC (for equipments only)					Total CMC Cost for 5 Years	TAXES (IF ANY)	Total CMC Cost for 5 Years including Taxes
		1 st yr	2 nd yr	3 rd Yr	4 th .Yr	5 th yr			
1	Oxygen Outlet								
2	Nitrous Outlet								
3	MA-4								
4	MA-7								
5	Vacuum Inlet								

Tender Item No.	Name of the Equipment	Rates of CMC (for equipments only)					Total CMC Cost for 5 Years	TAXES (IF ANY)	Total CMC Cost for 5 Years including Taxes
		1 st yr	2 nd yr	3 rd Yr	4 th .Yr	5 th yr			
6	AGSS Inlet								
7	OT Retractable Pendants								
8	Horizontal or Vertical Pendants								
Total									

Name(s) & Signature of the Bidder with rubber seal(s)

Name of the Firm

Date.....Place.....



ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS) BHOPAL

Saket Nagar, Bhopal-462020 (Madhya Pradesh) India

Website : www.aiimsbhopal.edu.in

E-Tendering Portal: <https://www.tenderwizard.com/AIIMSBHOPAL>

ANNEXURE – VIII

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital..*

RATES FOR SPARES / CONSUMABLES / OPTIONAL ACCESSORIES(If Any)

(Applicable only if participating for Equipment)

(Upload Signed, Stamped and scanned copy of Financial Bid in Financial Bid Document Slot of E-Tendering Solution)

Tender Item No.	Name of the item (as per the Tender Schedule of Requirement Annexure-I)	NAME OF THE CONSUMABLE / SPARE / OPTIONAL ACCESSORIES	UNIT	Basic Unit Price (in Rs.)	Applicable VAT/Ta x (in %)	VAT/Ta x (in Rs.)	UNIT PRICE (IN Rs.) Inclusive of all up to F.O.R. (in Figures)	UNIT PRICE (IN Rs.) Inclusive of all up to F.O.R. (in Words)
1	Oxygen Outlet							
2	Nitrous Outlet							
3	MA-4							
4	MA-7							
5	Vacuum Inlet							
6	AGSS Inlet							
7	OT Retractable Pendants							
8	Horizontal or Vertical Pendants							

<i>Tender Item No.</i>	<i>Name of the item (as per the Tender Schedule of Requirement Annexure-I)</i>	<i>NAME OF THE CONSUMABLE / SPARE / OPTIONAL ACCESSORIES</i>	<i>UNIT</i>	<i>Basic Unit Price (in Rs.)</i>	<i>Applicable VAT/Tax (in %)</i>	<i>VAT/Tax (in Rs.)</i>	<i>UNIT PRICE (IN Rs.) Inclusive of all up to F.O.R. (in Figures)</i>	<i>UNIT PRICE (IN Rs.) Inclusive of all up to F.O.R. (in Words)</i>
9	Any Other items							

1. The rates should be inclusive of everything viz. freight chargers, packing charges, Transportation and Octroi, Applicable Taxes(CST/VAT) and Other Expenses up to FOR etc.
2. The Bidder will quote firm rates inclusive of all Taxes & expenditure upto F.O.R. to AIIMS Bhopal basis and the rates of accessories/spares/consumables shall remain valid till the Rate Contract Period/any extended Rate Contract Period.

Name(s) & Signature of the Bidder with rubber seal(s)

Name of the FirmDate.....Place.....



ANNEXURE – IX

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital.*

TERMS & CONDITIONS OF SUPPLY ORDER'S

1. The store should be supplied, installed, Tested and commissioned strictly in accordance with the supply/work order and with the approved specification/ Equipment demonstrated.
2. The supply should be made between 9.30am to 16.00pm on any of the working day and 9.30am to 12.00pm on Saturday. Part supply will be entertained only in exceptional cases with prior approval of competent authority. However in case due to any reason part supply has been made the payment will be made only after the completion of complete supply.
3. Supplier must ensure that every challan is to be submitted in the concerned store along with the supplies. The number and date of delivery challan must be indicated on the bill.
4. Triplicate bills duly, pre receipted on appropriate revenue stamp affixed be submitted in the name of the Medical Superintendent in respective stores.
5. The bill should be in printed form having printed bill number, VAT/CST/TIN Number as well as D.L. No. (Whereas applicable) and applicable Taxes shall be deducted by AIIMS Bhopal at source (like MP VAT/TDS/Commercial Tax etc) and release payment against Claim after said deductions.
6. For Indian goods supply and deliver the MGP System time will be 60 Days and for imported items 90 Days strictly. Those agencies having the capacity to deliver the job in given time only can participate.
7. The Director, All India Institute of Medical Sciences, Bhopal (India) reserves the right to extend the delivery period subject to imposition of a penalty of 0.50% per week for delayed subject to maximum of 10% of the value of the total work order (maximum 20 Weeks @0.50%).
8. All rejected stores shall be at the risk of the supplier and must be removed immediately.
9. Guarantee/Warranty/Fire Safety Certificate must be provided, at the time of supply & handing over of MGPS System to AIIMS Bhopal.
10. In case it is a computer-generated bill, it must have the seal of the firm affixed on it.



ANNEXURE – X

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital.*

MANUFACTURER'S AUTHORISATION FORM

To,
The "Director",
All India Institute of Medical Sciences (AIIMS) Bhopal
Saket Nagar, Bhopal- 462 020 (MP) INDIA

Dear Sirs,

Ref. Your E-Tender document No _____, dated _____
We, _____ who
are proven and reputable manufacturers of _____
(name and description of Equipment/Stores offered in the tender) having factories at
_____, hereby
authorise M/s _____ (name and address of the
agent) to submit a tender, process the same further and enter into a contract with you against
your requirement as contained in the above referred E-Tender Enquiry documents for the
above Equipment/Stores manufactured by us.

We further confirm that no supplier or firm or individual other than Messrs.
_____ (name and address of the
above agent) is authorized to submit a tender, process the same further and enter into a
contract with you against your requirement as contained in the above referred E-Tender
Enquiry documents for the above Equipment/Stores manufactured by us.

We also hereby confirm that we would be responsible for the satisfactory execution of
contract placed on the authorized agent including availability of Spares parts for the period of
10 years for supplied equipment to AIIMS Bhopal.

We also confirm that the price quoted by our agent shall not exceed than that which we would
have quoted directly.

Yours faithfully,

[Signature with date, name and designation]
for and on behalf of Messrs _____
[Name & address of the manufacturers]

Note:-

1. This letter of authorization should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.
2. Original letter's scanned copy may be uploaded and handed over as and when directed.



ANNEXURE – XI

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital.*

EMD BANK GUARANTEE (EMD-BG) FORMAT

Whereas _____ (hereinafter called the "Bidder") has submitted its quotation dated _____ for the supply of _____ (hereinafter called the "Tender") against the Purchaser's E-Tender Enquiry No. _____ Know all persons by these presents that we _____ of _____ (Hereinafter called the "Bank") having our registered office at _____ are bound unto _____ (hereinafter called the "Purchaser) in the sum of _____ for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____ 20____. The conditions of this obligation are:

- (1) If the Bidder withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- (2) If the Bidder having been notified of the acceptance of his tender by the Purchaser during the period of its validity (180 Days):-
 - a) fails or refuses to furnish the performance security for the due performance of the contract.
or
 - b) fails or refuses to accept/execute the contract.
or
 - c) if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition(s).

This EMD Bank Guarantee will remain in force for a period of additional 180 Days (One Hundred Eighty days) after the period of tender validity (90 Days) i.e. total validity of EMD should be 270 Days from the scheduled date of submission of Bid and any demand in respect thereof should reach the Bank not later than the above date.

Signature of the authorized Office of the issuing Branch of the Bank _____

Name and designation of the Officer _____

Seal, Name & Address of the Bank _____

Address of the issuing Branch with Telephone No. & Email ID _____



ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS) BHOPAL

Saket Nagar, Bhopal-462020 (Madhya Pradesh) India

Website :www.aiimsbhopal.edu.in

E-Tendering Portal: <https://www.tenderwizard.com/AIIMSBHOPAL>

ANNEXURE – XII

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital.*

PERFORMANCE/CMC SECURITY BANK GUARANTEE FORMAT

To,

**The “Director”,
All India Institute of Medical Sciences (AIIMS) Bhopal
Saket Nagar, Bhopal- 462 020 (MP) INDIA**

WHEREAS _____ (Name and address of the supplier) (Hereinafter called “the supplier”) has undertaken, in pursuance of contract no _____ dated _____ to supply (Equipment/Stores and services) (herein after called “the contract”).

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee from nationalized bank for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of _____ (Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid up to 63 (Sixty Three) months from the date of satisfactory installation of the Equipment/Stores in the User Department at AIIMS Bhopal i.e. up to _____ (indicate date).

.....
(Signature with date of the authorised officer of the Bank)

.....
Name and designation of the officer

.....
.....

Seal, name & address of the Bank and address of the issuing Branch,
including Telephone No. & Email ID

E-TENDER ID: AIIMSBPLHOSP161700815012017

Name of the tender: *Rate Contract for Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System at AIIMS Bhopal Hospital..*

ANNUAL RATE CONTRACT FORM

(Form for Entering into Rate Contract with the Qualified Tenderer on Non Judicial Stamp Paper worth of Rs.100/-)

(Address of the Purchaser's/Consignee's office issuing the contract)

Contract No _____ dated _____

(Initially valid for One Year from the date of Commencement subject to further extendable for One more year after mutual agreement basis).

First Party (Purchaser/Consignee)

**The Director,
AIIMS Bhopal
Saket Nagar, Bhopal-462 020 (MP)**

1. Purchaser's E-Tender Enquiry document

No _____ dated _____
and subsequent Amendment No _____, dated _____ (if
any), issued by the purchaser.

**This is in continuation to this office's Notification of Award
No _____ dated _____**

Second Party (Supplier Agency)

2. Name & address of the Supplier: _____

3. Supplier's Bid Ref. No _____

dated _____ and subsequent communication(s)
No _____ dated _____ (if any), exchanged between the
supplier and the purchaser in connection with this tender.

4. In addition to this Annual Rate Contract Form, the following documents etc, which are included in the documents mentioned under paragraphs 2 and 3 above, shall also be deemed to form and be read and construed as integral part of this contract:

(i) Schedule of Requirements (SOR);

- (ii) Important Terms & Conditions;
- (iii) Technical Specifications & Catalogues ;
- (iv) Tender Form furnished by the supplier;
- (v) Price Schedule furnished by the supplier in its tender;
- (vi) Manufacturers' Authorization Form (if applicable for this tender);
- (vii) Purchaser's Notification of Award

Note:-

Some terms, conditions, stipulations etc. out of the above-referred documents are reproduced below for ready reference:

- (i) Brief particulars of the Items and services which shall be supplied/ provided by the supplier are as under:

Tender Item No.	Name and Brief description of Item, make, model, country of Origin and Standard Accessories offered with main Equipment	Unit	Approved Unit Price (Rs.)	Terms of delivery (FOR)
	<i>Supply, Installation, Testing & Commissioning and maintenance of Medical Gas Pipeline System for First Floor Trauma OT Complex, CT, MRI Imaging unit at AIIMS Bhopal Hospital (The detailed Job details with requested Technical Specifications and Bill of Quantities of Items and Accessories given at Annexure-I at Schedule of Requirement)</i>			
1	Oxygen Outlet			
2	Nitrous Outlet			
3	MA-4			
4	MA-7			
5	Vacuum Inlet			
6	AGSS Inlet			
7	OT Retractable Pendants			
8	Horizontal or Vertical Pendants			
9.	Medical Grade copper as per BS EN 13348:2008 and CE(European preferred) Marked of following technical specification			

Tender Item No.	Name and Brief description of Item, make, model, country of Origen and Standard Accessories offered with main Equipment	Unit	Approved Unit Price (Rs.)	Terms of delivery (FOR)
9.01	Copper pipe for medical use with 12 OD x 0.7 mm			
9.02	Copper pipe for medical use with 15 OD x 0.9 mm			
9.03	Copper pipe for medical use with 22 OD x 0.9 mm			

Any other additional services (if applicable) and cost thereof: _____
Total value (in figure) _____ (In words) _____

(ii) CMC Price for 5 Year Period:-

Tender Item No.	Name of the Equipment	Rates of CMC (for equipments only)					Total CMC Cost for 5 Years	TAXES (IF ANY)	Total CMC Cost for 5 Years including Taxes
		1 st yr	2 nd yr	3 rd Yr	4 th .Yr	5 th yr			
1	Oxygen Outlet								
2	Nitrous Outlet								
3	MA-4								
4	MA-7								
5	Vacuum Inlet								
6	AGSS Inlet								
7	OT Retractable Pendants								
8	Horizontal or Vertical Pendants								
Total									

(iii) Accessories/Spares parts Prices:-

(iv) Work Delivery schedule : 60 Days from date of Purchase/Work Order issued (in case of Indian make).

90 Days from date of Purchase/Work Order issued (in case of Foreign make).

(v) Quality Control :-

- Bach Nos.(s), Shelf Life(s) and place(s) of conducting inspections and tests.
- Warranty : On-site Warranty of 60 Months including all Spares & Labour and Maintenance etc. applicable in case of entire MGPS System installed by the Agency in the earmarked area.

(vi) Destination and dispatch instructions—AIIMS Bhopal, Saket Nagar, Bhopal-462 020 (MP)

(vii) Consignee (s)

(a) Paying authority – Director, AIIMS Bhopal

**(Signature, name and address
of the Purchaser's/Consignee's authorized official)
For and on behalf of Director, AIIMS Bhopal, Saket Nagar, Bhopal**

Received and accepted this contract

(Signature, name and address of the supplier's executive
duly authorized to sign on behalf of the supplier)

For and on behalf of

(Name and address of the Supplier)

(Seal of the supplier)

Date: _____

Place: _____

* * * * *