



**ESIC Model Hospital
Ring Road, Basaidarapur
New Delhi**

**TENDER FOR OPERATION & MAINTENANCE
OF MEDICAL GAS MANIFOLD SYSTEM &
MEDICAL GAS PIPELINE SYSTEM**

INDEX

S. No.	Description	Page No.
1.	Schedule of Tender Process	3
2.	Important Instructions for Digital Signature and E-tendering	4
3.	Instructions to the tenderers	5
4.	General Conditions of Contract	8
5.	Scope of work (Annexure "A")	11
6.	Technical Specifications Medical Gas Manifold System and Medical Gas Pipeline System	13
7.	Undertaking by the bidders (Annexure "C")	14
8.	Technical Bid (Annexure "D")	15
9.	Format of Experience Certificate (Annexure "E")	16
10.	Financial Bid (Annexure "F")	17

Schedule of Tender Process

ESIC Model Hospital, Basaidarapur, New Delhi invites online bids from eligible bidders under two bid system (Technical & Financial bid) for Operation & Maintenance of Medical Gas Manifold System and Medical Gas Pipeline System as per the following schedule:-

Period for downloading and online submission of E-tender Document and submission of hard copy of original Demand Draft of EMD Amount	From 11.01.2019 to 31.01.2019 till 1:00 PM
Pre-Bid Meeting	At 11:00 AM on 18.01.2019 Venue:- Committee Room, ESIC Model Hospital, Basaidarapur, New Delhi. (adjacent to the chamber of the Medical Superintendent)
Date, Time & Place of Opening Technical Bid	At 02:30 PM on 31.01.2019 Place:- Committee Room, ESIC Model Hospital, Basaidarapur, New Delhi. (adjacent to the chamber of the Medical Superintendent)
Date, Time & Place of Opening Financial Bid	Will be intimated at a later stage to the technically qualified bidders through email
Earnest Money Deposit amount	Rs. 1,25,000/- (Rs. One Lakh Twenty Five Thousand only)
Performance Security	Rs. 2,50,000/- (Rs. Two Lakhs Fifty Thousand Only)
Approximate Value of Contract	Rs. 30,00,000/- per annum approximately

Important Instructions for Bidders regarding Online Payment

All bidders/contractors are required to procure Class-III B Digital Signature Certificate (DSC) with Both DSC Components i.e. Signing & Encryption to participate in the E-Tenders.

Bidders should get Registered at <https://esictenders.eproc.in>.

Bidders should add the below mentioned sites under Internet Explorer Tools Internet Options Security Trusted Sites Sites of Internet Explorer:

<https://esictenders.eproc.in>

<https://www.tpsl-india.in>

<https://www4.ipg-online.com>

Also, Bidders need to select “Use TLS 1.1 and Use TLS 1.2” under Internet Explorer Tools Internet Options Advanced Tab Security.

Bidder needs to submit Bid Processing Fee charges of Rs. 2495/- (non-refundable) in favour of M/s. C1 India Pvt. Ltd., payable at New Delhi via Online Payment Modes such as Debit Card, Credit Card or NetBanking for participating in the Tender.

Bidders can contact our Helpdesk at <https://esictenders.eproc.in/html/Support.asp>

INSTRUCTIONS TO THE TENDERERS

- 1) **ELIGIBILITY CRITERIA:-** The eligibility criteria for submission of bids for the work are as follows:-
 - a) The bidder should be engaged in operation and maintenance of Medical Gas Manifold System and Medical Gas Pipe Line for at least three years till publishing of this tender.
 - b) The bidder should have completed the following works in previous three years.
 - (i) One similar work of value not less than Rupees Twenty Four Lakhs, or
 - (ii) Two similar works of value not less than Rupees Eighteen Lakhs each, or
 - (iii) Three similar work of value not less than Rupees Twelve Lakhs eachNote:- Similar work stands for work of operation and maintenance of Medical Gas Manifold System and Medical Gas Pipe Line.
 - c) Average annual turnover of the bidder in last three financial years i.e. 2015-16, 2016-17 and 2017-18 should be a minimum of Rs. 25 Lakhs in each year.
- 2) Scanned Self attested copies of the following documents shall be uploaded along with the Technical Bid:-
 - i) Balance sheets with Profit & Loss Accounts for the year 2015-16, 2016-17, 2017-18 along with the Income Tax Return.
 - ii) Satisfactory work completion certificates (Annexure E) from clients in support of the work experience showing the period and value of contract executed along with TDS certificate(s) showing details of all payments received from the clients.
 - iii) An Undertaking/Declaration by the bidder (Annexure C) that,
 - a) It has not been blacklisted from providing the services of manpower/operational services, earlier by any Central Govt./State Govt./P.S.U.
 - b) It has all statutory registrations/licenses for execution of the work of operation and maintenance of Medical Gas Manifold System and Medical Gas Pipe Line System.
 - c) It has executed all its contracts satisfactorily during the past three years and its contracts have neither been terminated nor any extension of its contracts been denied by any Central Govt./State Govt./P.S.U. on the grounds of unsatisfactory performance.
- 3) **Pre-bid Meeting:-** Pre-Bid meeting for interested Bidders will be held at the Committee Room (adjacent to the chamber of the Medical Superintendent, ESIC Hospital, Basaidarapur, New Delhi) on date & time as mentioned in the schedule of the tender process. Any change in venue or timing of pre-bid meeting will be hosted on aforesaid websites. Interested Bidders will be allowed to seek clarification and get their doubts cleared during pre-bid meeting. Any change that would be made in the Tender Document by the Competent Authority after issue of the Tender will be hosted on the website www.esic.nic.in only in the form of Corrigendum/Addendum for incorporating the same in the Bid before submission.
- 4) Existing Medical Gas Pipe Line System and Manifold Gas Plant System can be visited/inspected by on any working day before pre-bid meeting.
- 5) The Bidders are required to submit their bids online under two bid system i.e. – Technical Bid and Financial Bid. The bidders shall upload scanned copy of duly completed tender form (except Financial Bid) and their technical bids along with scanned copies of all relevant certificates, documents, declarations etc. in support of their technical bids on the e-tender portal <https://esictenders.eproc.in> latest by the closing date and time. Price Bids are to be submitted through online form only and scanned copy of price bid shall not be uploaded.
- 6) The scanned copy of duly signed declaration shall be uploaded along with the Technical Bid.
- 7) Bids received online will only be considered and any bid/document submitted in hardcopy shall not be considered.
- 8) The bidder is expected to work out rates, keeping in view the technical specifications and terms & conditions of the contract and then arrive at the rates to be quoted. The Bidder shall be deemed to have satisfied himself/herself before bidding as to the correctness and sufficiency of the rates to cover all its obligations under the contract and all matters and things necessary for proper fulfilment of the obligations under the contract. Also please note that no prices should be

indicated in the technical bid or any other document other than financial bid document. Else the bid will be out rightly rejected.

- 9) The Bidder shall submit the Bid, which satisfies each and every condition laid down in the tender document, failing which the bid shall be summarily rejected. Conditional Bids will be rejected out rightly.
- 10) Corrupt or Fraudulent Practices:- The Medical Superintendent requires that the Bidders under this Bid observe the highest standards of ethics during the tender process and execution of this contracts. The Medical Superintendent reserves the right to reject a proposal for award, if it found that the Bidder recommended for award has engaged in any corrupt or fraudulent practice in competing for the Contract. The Medical Superintendent may deem a bidder ineligible, either indefinitely or for a stated period of time, to be awarded any contract if it at anytime it determines that the bidder has engaged in corrupt and fraudulent practices in competing for, or in executing a contract.
- 11) The bidders are advised to visit/inspect the site on any working day for assessing the extent and conditions of work and for collection of the information that may be required for preparing their bids and entering into a contract for the services to be rendered.
- 12) Bidders shall have to deposit the Earnes Money of Rs. 1,25,000/- (Rupees One Lakh Twenty five thousand only) in the form of D.D./Banker's Cheque, from any scheduled commercial bank in favour of "ESI Fund Account No. 2" Payable at New Delhi.
- 13) The D.D./Banker's Cheque (in original) for Earnest Money Deposit in a sealed envelope shall be dropped in the Tender Box captioned "E-Tender for ANNUAL OPERATION & MAINTENANCE OF MEDICAL GAS PIPELINE SYSTEM and MANIFOLD GAS PLANT SYSTEM kept in the committee Room (adjacent to the chamber of the Medical Superintendent, ESIC Hospital Basaidarapur, New Delhi) by the stipulated date and time. The D.D./Banker's Cheque for EMD, if dropped in any box other than the specific tender box will not be considered for selection. In the absence of EMD, the bid shall be rejected summarily.
- 14) The earnest money deposit shall be refunded to the unsuccessful bidders after finalization of the tender. It shall be refunded to the successful bidder on receipt of performance security deposit. No interest will be payable on the EMD or the Performance Security Deposit.
- 15) The bid shall be valid for 180 days from the date of opening.
- 16) The bidder shall quote for all items of work failing which the bid shall be considered as non-responsive. Incomplete or conditional bids will be rejected summarily.
- 17) The online Technical Bids will be opened at the date and time given in the schedule of Tender Opening in the Committee Room (adjacent to the chamber of the Medical Superintendent, ESIC Hospital Basaidarapur, New Delhi) in the presence of such bidders or their authorized representatives who may wish to be present.
- 18) In case the tender opening date is declared a public holiday, bids shall be opened at the same time on the next working day.
- 19) Bidders who qualify in the Technical Evaluation of bids will be informed about the date and time of opening of the financial bids through email.
- 20) The successful bidder will have to submit Performance Security Deposit of Rs. 2,50,000/- in the form of D.D./Banker's Cheque from any scheduled commercial bank in favour of "ESI Fund Account No. 2" Payable at New Delhi. It will be refunded after successful completion of the contract including any extensions thereof. No interest will be payable on the performance security deposit.
- 21) The successful bidder will be required to execute an agreement on Non-Judicial stamp paper of Rs. 100/- (to be purchased by the successful bidder) within two weeks from the date of receipt of letter of award unless extended by the Medical Superintendent, ESI Model Hospital, Basaidarapur upto a maximum of another two weeks. Bid security (EMD) shall be forfeited if the successful bidder refuses or fails to execute the contract or fails to deposit the performance security deposit within the time frame specified i.e. within a fortnight of award of contract which can be extended by the Medical Superintendent, ESI Hospital, Basaidarapur up to a maximum of further two weeks on the written request of the successful bidder.

- 22) The contract will be awarded initially for a period of one year and it may be extended for another one year on same rates, terms and conditions subject to satisfactory performance of the contract. The successful Tenderer will have to continue the work even after the completion of the contract. The successful Tenderer will have to continue the work even after the completion of the contract till the time new arrangement is made by the ESI Hospital, Basaidarapur. The ESI Hospital Basaidarapur will forfeit the security deposit in the event of abandonment of contract by the contractor before termination of the agreement including extension thereof.
- 23) The terms and conditions contained in the tender document shall form part of the agreement unless specifically modified/dropped and therefore, each page of tender document must be signed and stamped by the authorized representative of bidder in acceptance of the terms and conditions laid down.
- 24) The Medical Superintendent, ESI Hospital, Basaidarapur reserves the right to withdraw/relax any of the terms and conditions of the tender. The Competent Authority also reserves the right to reject all or any bid in whole, or in part, without assigning any reason thereof.
- 25) Financial Bid Evaluation Criteria:- The successful bid (L-1) shall be determined on the least cost basis of the total of Fixed Annual Charges for Manpower stipulated at (A) of the Financial Bid, Lumpsum Annual Operation & Maintenance Charges to be quoted against (B) of the Financial Bid and total cost of Accessories to be quoted against (C) of the Financial Bid. The contractor must pass on the monthly manpower charges mentioned at (A) of the Financial Bid to the reimbursement thereof. The contractor shall note that only the manpower charges based on notified minimum wages as mentioned at (A) above shall be reimbursed and any payment over and above the same shall be borne by the contractor who may factor in the same while quoting Lumpsum Annual Operation & Maintenance Charges.

GENERAL CONDITIONS OF CONTRACT

1. The existing Medical Gas Pipeline System and Manifold Gas Plant System can be visited/inspected by interested bidders with the permission of the Officer Incharge on any working day before pre-bid meeting to assess the extent, type, condition etc. of the system before participating in the tender.
2. The contract includes round the clock operation and maintenance, periodical preventive maintenance and attending any number of breakdown calls as and when required.
3. The successful bidder (hereinafter also referred as “the Contractor”) will be required to execute an agreement on Non-Judicial stamp paper of Rs. 100/- (to be purchased by the successful bidder) within two weeks from the date of receipt of letter of award unless extended by the Medical Superintendent, ESIC Model Hospital, Basaidarapur upto a maximum of another two weeks. Bid security (EMD) shall be forfeited if the successful bidder refuses or fails to execute the Contract or fails to deposit the performance security deposit within the time frame specified i.e. within a fortnight of award of contract which can be extended by the Medical Superintendent, ESI Hospital, Basaidarapur up to a maximum of further two weeks on the written request of the successful bidder.
4. The contractor will be required to submit the antecedents of its personnel deployed at ESIC Hospital Basaidarapur with 03 passport size photographs, details of their qualifications and experience along with proof, copy of Aadhar Card etc. at the time of award of the contract. The agency shall be fully responsible for ensuring the correctness of the documents submitted by its personnel.
5. The ESIC Hospital has Aadhar Enabled Biometric Attendance System (AEBAS) for contractual staff also and the personnel deployed by the contractor shall have to compulsorily mark their attendance on the AEBAS system.
6. The Breakdown call shall be attended within an hour and the personnel deployed by the Contractor should be properly trained, should possess requisite experience and skills for carrying out CMC of the existing Medical Gas Pipeline System (MGPS) and Manifold Gas Plant using appropriate materials and tools/tackles/equipment.
7. All necessary requirements under the Explosive Act, 1884, Explosive Substances Act, 1908 and Drugs (Control) Act, 1950 for the performance of the contract will have to be arranged by the contractor himself. The ESIC Hospital Basaidarapur will not be responsible for any violation of these acts. Any liability arising out of any violation of the statutory provisions shall be recoverable from the contractor.
8. The Contractor shall ensure the adequate safety measures including but not limited to gloves, shoes, goggles, safety harness etc. for its personnel deputed at ESIC Hospital Basaidarapur. The personnel deputed by the contractor must attend their duties in proper uniform and must have identity cards with them.
9. The ESIC shall not be liable for/in respect of any damages/compensation payable to any workman for death/injury resulting from any act/default of the contractor. The contractor shall indemnify and keep indemnified the ESIC Model Hospital, Basaidarapur against all such damages compensations and expenses whatsoever in respect thereof or in relation thereto.
10. The workers of the contractor shall not be treated as employees of ESIC Model Hospital, Basaidarapur in any case and the contractor will be solely responsible for their affairs and will be under obligation to comply with the statutory obligation. These workers will have no claim whatsoever, to be treated as employees of the institute.
11. The contractor shall pay the wages and clear all dues of the deployed workers by the 5th working day of the next calendar month in which these become due without any precondition of bill clearance, advance payment etc. The contractor will pay salary/wages including components thereof, bonus and all other legitimate dues of the staff engaged directly in the bank accounts of the staff. The charges for salary/wages of deployed manpower shall be paid strictly on the basis of Aadhaar Enabled Attendance System (AEBAS) installed at Hospital premises. No manual attendance will be considered for payment.

12. The contractor shall not allow his employees to participate in any trade union activities or agitation in the premises during his working hours in the hospital.
13. All type of spare and accessories should be available with the vendor for carrying out repairs of MGPS and Manifold equipments. Only spares of original equipment manufacturer should be use for repair.
14. All the repairs will have to be taken up within the Hospital premises as far as possible. The equipments will be allowed to be taken out only with the permission of the competent authority.
15. Breakdown calls will have to be attended within one hour, failing which a penalty of 1% of the cost of the Comprehensive Maintenance Contract of the per day may be levied. The contractor shall have to provide standby equipment during break down period and ensure uninterrupted services.
16. PENALTY:-
 - i) The contractor shall ensure the presence of exclusive trained/experienced person throughout the year as per manpower requirements stipulated herein. In case of absence of any person penalty @ Rs. 500/- per day per person will be levied besides proportionate deduction of manpower charges.
 - ii) In case of any fault in the distribution pipeline, outlet point, valve suction assembly, regulator, oxygen flow Meter /F.A. Valve etc. resulting in failure of outlets, the contractor shall replace the attachments/accessories within one hour failing which a penalty of Rs. 100/- per day per compromised outlet for first calander day and Rs. 200/- per day per compromised outlet thereafter., will be levied till the said failure is remedied.
 - iii) The breakdown of manifold system equipment (listed at Sl. No. 1 to 10 of Annexure C) should be rectified within 48 hrs only. Beyond 48 hrs the penalty of Rs. 500/- for first calendar day or part thereof and Rs. 1000/- per day per equipment thereafter will be imposed till the equipment is rectified. The contractor shall have to provide standby equipment during break down period and ensure uninterrupted services.
 - iv) Penalty may be waived by the Medical Superintendent on request of the contractor for valid and sufficient reasons. However, the waiver will not admissible as a matter of right of the contractor.
17. PERIOD OF CONTRACT: the contract will be awarded for period of one year from the date of execution of agreement. However, initially the contract may be extended on the same terms and conditions for another one year subject to satisfactory performance of the contract on the written request of the contractor one month before the expiry of the contract. The satisfaction of the institute in this regard shall be final. The contractor will have to continue the work even after the completion of contract till the time new arrangement is made. The security deposit will be forfeited in the event of abandonment of contract by the contractor before termination of the agreement and extension thereof.
18. SUBLETTING OF CONTRACT: The contractor shall not sublet, transfer or assign the contract or any part thereof. In the event of the contractor contravening this condition the Medical Superintendent, Basaidarapur will be entitled to place the contract elsewhere on the contractors account at his risk and costs. Besides the contractor shall be liable for any loss or damage which the Medial Superintendent, Basaidarapur may sustain in consequence of arising out of such replacing of the contract.
19. ARBITRATION CLAUSE: In the event of any question, dispute or difference arising under these conditions or any other conditions of the contract, or in connection with this contract, except as to any matter the decision of which is specially provided for by these on the special conditions the same shall be referred to the sole arbitration of the Director (Medical) Delhi, Tilak Vihar, Delhi or any person appointed by him. It will be no objection that the arbitrator is an ESIC officer, that he had to deal with the matter to which the contact relates or that in the course of his duties. He had expressed views on all or any of the arbitration disputes/differences. The award of the arbitrator shall be final and binding on the parties of the contract.
20. INDEMNITY CLAUSE: The contractor shall ensure full compliance with tax clause and Labor laws of India with regard to this contract and shall be solely responsible for the same. The contractor shall fully indemnify against any liability of the levies/taxes, interest, penalty etc. by any statutory

- authority against act of omission of the contractor in connection with execution of the contract.
21. **PAYMENT PROCEDURE:** The bills for manpower charges (including statutory dues such as ESI, EPF, Labor Cess, etc.) shall be raised by the contractor on monthly basis in triplicate along with the proof of payment of wages, statutory dues, biometric attendance, etc. duly verified by the officer in charge. The contractor must note that these monthly bills include only those charges which are required to be paid to workers deployed, statutory authorities etc. and nothing out of these monthly bills is supposed to be retained by the contractor. Payments for Comprehensive Maintenance Charges and charges for spares shall be made on submission in triplicate along with satisfactory service report duly accepted and signed by the officer in charge, on quarterly basis. The amount will be paid in four quarterly installments after providing of satisfactory performance certificate from the Officer In-charge. No advance payment will be given to the contractor. GST shall be payable at the prevailing rates and the contractor shall deposit the same. Tax Deduction at Source shall be made as per prevailing tax laws.
 22. **FALL CLAUSE:** The contractor shall undertake that he has not supplied/is not supplying the similar items/services at a price lower than that offered in the present bid in respect of any other hospital/institution of the Government of India or autonomous body and if it is found at any stage that the item/service was supplied by the Bidder to any other hospital/institution of the Government of India or autonomous body at a lower price, then that very price will be applicable to the present case and the difference in the cost would be refunded by the contractor and if the contract has already been concluded, the same shall also be recoverable by the way of deduction from any amount payable to the contractor.
 23. **RECOVERY OF SUMS DUE:** Whenever any claim for payment of any sum of money arises out of or under the contract against the contractor, the medical Superintendent, ESIC Hospital Basaidarapur shall be entitled to recover such sum by appropriation in part of whole of performance Security Deposit by the contractor. Should the sum not be sufficient to cover the full amount recoverable, the contractor should pay on demand the remaining balance due?
 24. **INSOLVENCY AND BREACH OF CONTRACT:** the Medical Superintendent, ESIC Hospital Basaidarapur may at any time terminate the contract without any compensation in the following events:
 - a. The contractor/firm/any partner be at any time adjudged insolvent.
 - b. If the contractor commits any breach of the contract not specifically provided without prejudice to remedy.

SCOPE OF WORK

1. The details of equipment for the Operation and Comprehensive Maintenance Contract are given in Annexure B.
2. Comprehensive Maintenance Contract shall cover maintenance of all equipments of Manifold (Gas Plant) system as well as the entire pipeline functionality along with outlets connected thereto. The service engineer should be available round the clock to attend the breakdown calls.
3. The Comprehensive Maintenance Contract will also include calibrations, regular monitoring of equipments as mentioned in Annexure B with preventive maintenance services as mentioned in the manufacturer's service manual.
4. The equipments covered under the contract shall be repaired and rectified on site as and when the same is out of order.
5. The cost of original spares required for maintenance of equipment shall be borne by the successful tenderer.
6. The contractor shall ensure quarterly preventive maintenance of all the equipment and accessories. In case schedule for any of the equipment is not available, the maintenance work will be carried out as per the instructions of the officer Incharge.
7. The contractor will attend all type of minor or major breakdown immediately.
8. The service engineer of the contractor shall be required to enter each and every repair done in the logbook duly counter signed by the officer Incharge.
9. The contractor will submit the complete list of all type of spare parts within 15 days from the date of execution of agreement and will ensure the supply of spares during tenure of contract.
10. The routine maintenance shall be carried out in the day shift in presence of the officer Incharge and shall be recorded in the logbook.
11. Separate logbook for each equipment shall be maintained. The logbooks shall be put up to the Officer Incharge at the frequency determined by him.
12. The contractor shall have to arrange at site all the necessary tools, measuring devices, plants etc. necessary for the repair of the equipment. Also he will maintain at site the necessary stock of spare-parts/ consumables required for maintenance/repair.
13. The complaints regarding Medical Gases from various Departments of the SI Hospital, Basaidarapur shall be recorded daily in a Maintenance Register to be maintained by the contractor.
14. The contractor will have to check all medical gas cylinders kept near the Manifold bank or available at different areas of the institute for pressure and leakage. The contractor shall immediately change the cylinder, if found defective.
15. The cost of electrical spares related to equipment and accessories including repairing of electrical motors etc. will be borne by the contractor.

16. The contractor will have to provide one experienced technical person from 8:00 AM to 04:00 PM everyday to maintain smooth functioning of all equipment and system of Medical Gas Manifold Plant and Medical Gas Pipeline System.
17. The contractor will also have to provide two experienced operators round the clock to operate and maintain the Medical Gas Manifold Plant and Medical Gas Pipeline System. These operators shall be adequately trained by the contractor to handle minor repairs to ensure uninterrupted supply of Medical Gases.
18. The Service Engineer should be available on call round the clock to attend the breakdown calls on short notice.
19. All necessary requirements under the Explosive Act, 1884, Explosive Substances Act, 1908, latest Gas Cylinder Rules and Drugs (Control) Act, 1950 for the performance of the contract will have to be arranged by the contractor himself and shall be produced for inspection by Officer Incharge. The ESIC Hospital, Basaidarapur will not be responsible for any violation of these acts.

Technical Specification
of
Medical Gas Manifold Plant and Medical Gas Pipeline System

Sl. No.	Details of Equipment	Quantity
1.	Air Compressors	3 Nos
2.	Vacuum Pumps	4 No.
3.	Water Pumps	2 No.
4.	Main Alarm and Control Panel	1 No.
5.	Air Dryer, Filter & Regulator System	1 No.
6.	Mixed Gases Control Panel	1 No.
7.	N ₂ Control Panel	1 No.
8.	Oxygen Manifold of 20x2 points. (For Emergency :- 1 point extra)	1 No.
9.	Nitrous Oxide Manifold of 6x2 points. (For Emergency :- 1 point extra)	1 No.
10.	Vacuum tank (1500 Litres)	1 No.
11.	Compressed Air Tank (2000 litres)	1 No.
12.	Entire Medical Gases (Oxygen, Vacuum, Compressed Air, Nitrous Oxide) Central Pipeline System including valves, flowmeters, regulators etc. having the following approximate lengths of pipelines:- Copper Pipe 22 mm diameter Copper Pipe 15 mm diameter Copper Pipe 12 mm diameter	1500 meters 3000 meters 1300 meters
13.	<u>Medical Gas outlets as follows:-</u> Oxygen Outlets Vacuum Outlets Nitrous Oxide Outlets N ₂ Outlets CO ₂ Outlets Mixed Gases Outlets Compressed Air Outlets Anaesthetic Gas Supply System (AGSS) Outlets	450 450 23 8 8 8 120 8
14.	Gas Cylinders of following types:- Oxygen Cylinders of A Type Oxygen Cylinders of B Type Oxygen Cylinders of D Type Nitrous Oxide Cylinders of A Type Nitrous Oxide Cylinders of D Type CO ₂ Cylinder	40 100 40 35 5 8

UNDERTAKING

I/We undertake as under:

1. That I/we, the undersigned hereby certify that I/we have gone through the terms & conditions mentioned in the tender document carefully and have understood the same. I/We undertake to comply with/abide by them unconditionally.
2. That the rates quoted by me/us are valid and binding upon me/us for the entire period of the contract and extended period, if any.
3. That there is no vigilance/CBI Case/Court Case pending against my/our company/firm/Agency in India or abroad.
4. That the company/firm/Agency has never been indicted/debarred for any criminal, fraudulent or anti competition activity and has never been black-listed or debarred or both ever by any department/Ministry of Govt. of India or any other body in India or abroad.
5. That my/our company/firm/Agency is in compliance with all the statutory obligations under the all State and Central Acts applicable to my/our company/firm/Agency and that I/We will keep complying with all the present and future statutory obligations under all Central and States Act.
6. That my/our company/firm/Agency has all statutory registrations/licenses for execution of the work of operation and maintenance of Medical Gas Manifold System and Medical Gas Pipe Line System.
7. That my/our company/firm/Agency has executed all its contracts satisfactorily during the past three years and its contracts have neither been terminated nor any extension of its contracts been denied by any Central Govt./State Govt./PSU on the grounds of unsatisfactory performance.
8. That rates quoted/offered by me/us in FINANCIAL BID are not higher than those quoted for any other department or hospital in India.
9. That on inspection, if any article or service is found not as per order, it shall be replaced by me immediately as soon as possible to prevent any inconvenience to the Hospital at my/our own expense.
10. That I/we am/are bound to ensure uninterrupted operation and maintenance of Medical Gas Manifold System and Medical Gas Pipe Line System in the Hospital in any circumstances, else alternate arrangement will be made by me/us at my/our own risk, expense and cost.

Date:
Place:

Signature of Owner/Managing Partner/Director
Full Name:

TECHNICAL BID

1. Name of the Organization/Firm/Establishment : _____
2. Registered Address:- : _____

3. Telephone Nos. : _____
4. Mobile No. : _____
5. Fax No. : _____
6. E-mail ID. : _____
7. Bank Details: a) Name & Address of Bank : _____
b) Account No. : _____
c) IFSC Code : _____
d) Branch Code : _____
8. PAN Number : _____
9. GST Number : _____
10. ESIC & EPFO Labour Identification Number : _____
11. Name and Contact detail of Nodal Person with Designation : _____

12. Turnover during last 3 financial years (attach copies of ITRs and Balance Sheets)

Financial Year	Income	Expenditure	Net Profit/Loss
2015-16			
2016-17			
2017-18			

13. Details of Experience of similar works during pas three years:-

Name & Address of the client	Period of the contract	Value of the contract	Payments received so far

(Attach copies of experience certificates along with TDS certificate of payments received)

14. EMD Details :- i) Amount _____
ii) DD No. & Date _____
iii) Bank Name _____

It is certified that the particulars given above are true to the best of my/our knowledge and belief and nothing has been concealed or wrongly stated. In case, at any stage any fact turns out to be wrongly stated or concealed by me, I will be liable for legal action apart from penalty imposed on me by the Medical Superintendent.

Date:-
Place:-

Signature and Stamp of Bidder

EXPERIENCE CERTIFICATE

(On the letter head of issuing organization)

It is certified that M/s _____ has been providing/has provided services of operation and maintenance of Medical Gas Manifold System and Medical Gas Pipe Line to our Organization since _____ to _____ /for ____ years and his/her/their services have been found to be satisfactory. The value of the work executed so far is Rs. _____ for which the payments of Rs. _____ have been made.

Further it is certified that M/s _____ has never been indicted/debarred for any criminal, fraudulent or anti-competition activity and has never been blacklisted or debarred or both and his/their/her contract has neither been prematurely terminated nor the contract extension denied for unsatisfactory work performance by our Department/Ministry/Organization.

Date:-
Place:-

Signature and Stamp of Issuing Authority
Phone No.:-
Email ID:-

FINANCIAL BID

Financial Bid is to be submitted ONLINE and

It shall not be scanned and uploaded with Technical Bid

(A) Monthly charges for round the clock Operation and Maintenance of Medical Gas Pipe Line and Manifold with posting of following man power:-

Description	Number of Persons	Minimum wages per month	Total Amount
Wages for Technical Supervisor (a) [Skilled worker]	1	16042 (i.e. 617 x 26)	16042
Wages for Technical Operators (b) [Semi-skilled worker]	6	17654 (i.e. 679 x 26)	105924
		(a) + (b) =	121966
1/6 th of (a) + (b) above as Relieving Charges (c)			20328
Total monthly charges payable to manpower deployed (a)+(b)+(c) <small>NOTE: These charges must be paid on to the manpower deployed and the contractor must submit proof of ECS/NEFT payment alongwith monthly bills. These charges will be deemed to be revised automatically as per minimum wage notification of Central Labour Commissioner.</small>			142294
Employer's share of ESI Contribution @ 4.75% of (a)+(b)+(c)			6759
Employer's share of EPF Contribution @ 13.61% of (a)+(b)+(c)			19366
Total Monthly Charges Including ESI And EPF Contribution <small>NOTE:- These charges will be deemed to be revised automatically as per minimum wage notification of Central Labour Commissioner for workers employed in Building Operations. The contractor must pass these monthly charges to workers, ESIC and EPFO and shall submit proof of electronic payments made.</small>			168419

Total Annual Charges for manpower as mentioned above (i.e. 12x168419)= Rs. 2021028/-

(B) Annual charges for Comprehensive Maintenance of Medical Gas Pipe Line, Gas Cylinders and Manifold Gas System, inclusive of all equipments and components from upto gas outlets:-

Lumpsum Annual Charges for Comprehensive Maintenance = Rs. _____ per year

- NOTES:-** (i) The bidder shall quote these charges keeping in view all servicing charges, tooling costs, overheads, contractor's margin, licensing charges, testing charges, uniform cost, safety gear cost, consumables (except cost of medical gases), spares costs etc. for fulfilment of terms and conditions of the comprehensive maintenance and operation contract. Rates are to be quoted exclusive of GST which shall be payable additionally at the prevailing rates.
- (ii) Charges for Comprehensive Maintenance will be paid on quarterly basis i.e. ¼th of these charges will be paid every quarter.

continued...

(C) Charges for Accessories of Medical Gases System

Sl. No.	Details of Accessories	Quantity	Unit of quantity	Rate per Unit	Total Cost (Qty x Rate)
1.	Oxygen Flowmeter with humidifier bottle	200	Piece		
2.	Vacuum Regulator	150	Piece		
3.	Oxygen Regulator	50	Piece		
4.	Oxygen Tube	100	metre		
5.	Compressed Air Tube	50	metre		
6.	Vacuum Tube	50	metre		
7.	Nitrous Oxide Tube	20	Piece		
8.	Vacuum Probe	50	Piece		
9.	Compressed Air Probe	25	Piece		
10.	Oxygen Probe	200	Piece		
Total cost of Accessories =					

NOTE:-The quantities of accessories listed in the above table are tentative quantities for the purpose of financial bid evaluation only. Actual procurement quantities of individual accessories may vary and the Medical Superintendent reserves the right to procure the accessories from other sources also. As such the bidders shall quote their rates without resorting to cross-margins for individual components. Rates are to be quoted exclusive of GST which shall be payable additionally at the prevailing rates.

Financial Bid Evaluation Criteria:

The successful bid (L-1) shall be determined on the least cost basis of the total of Fixed Annual Charges for manpower stipulated at (A), Lumpsum Annual Operation & Maintenance Charges to be quoted against (B) above and total cost of Accessories to be quoted against (C) above.

The contractor must pass on the monthly manpower charges mentioned at (A) above to the workers, ESIC and EPFO and shall submit proof of such payments made by him for claiming reimbursement thereof. The contractor shall note that only the manpower charges based on notified minimum wages as mentioned at (A) above shall be reimbursed and any payment over and above the same shall be borne by the contractor who may factor in the same while quoting Lumpsum Annual Operation & Maintenance Charges at (B) above.