



**EMPLOYEES STATE INSURANCE CORPORATION  
MEDICAL COLLEGE & HOSPITAL, KALABURAGI**

[Ministry of Labour & Employment Govt. of India]

SEDAM ROAD, KALABURAGI- 585106

Ph. No. 08472- 265546/ 47/ 48 Fax No. 08472- 265545

No.532/GLBMH/O2 Cylinder/Hospital/2016-17

Date: 03.07.2018

**RE Tender Notification No. 06/2018-19**

**Sub: Invitation of RE E- Tender for procurement of Medical Gases for ESIC Hospital, Kalaburagi for a period of two year.**

Tender ID No.	.....
Date of publication of E-Tender	<b>03.07.2018</b>
Last Date & Time of submission	<b>16.07.2018 upto 14:00 P.M.</b>
Date & Time of opening	<b>16.07.2018 AT 15:00 P.M.</b>
EMD Amount	<b>Rs. 50,000/-</b>
Total Approximate Tender of Value	<b>Rs. 22,00,000/-</b>



**EMPLOYEES' STATE INSURANCE CORPORATION  
MEDICAL COLLEGE, KALABURAGI**  
[Under Ministry of Labour & Employment, Govt. Of India]  
Sedam Road, Kalaburagi- 585106

Ph. No. 08472-265546/47/48 Fax No. 08472-265545

No.532/GLBMH/O2 Cylinder/Hospital/2016-17

Date: 03.07.2018

**RE Tender Notification No. 06/2018-19**

**NOTIFICATION**

**Sub: Invitation of RE E- Tender for procurement of Medical Gases for ESIC Hospital, Kalaburagi.**

ESIC Hospital Kalaburagi is 500 bedded hospitals, having 10 operation theaters & intensive care units. In this regard DEAN, E.S.I.C. Hospital, Sedam Road Kalaburagi Karnataka -585106 intends to purchase below mentioned equipment as per the specification enclosed. The details of tender are as under-

**Tender for Medical Gases:**

Sl. No.	Name of Items	Quantity required	Last date of applying online tender	Cost of earnest money	Date of opening tender
1	Liquid Oxygen gas, Compressed gases Like Oxygen, Nitrous oxide and Carbon Di- Oxide and compressed air.	As per requirement	16.07.2018 up to 14:00 pm	Rs- 50000/- ( Fifty Thousand Only) on 16.07.2018 at 14:00 pm	Date 16.07.2018 at 15:00 pm

- The interested tenderers should upload duly filled tender form and their bids along with the readable scanned copies of all the relevant certificates, documents and EMD etc. in support of their technical & price bids, all duly signed by CA which is available, on <https://esictenders.eproc.in>.
- A complete set of hard copies of tender documents as per the check list also along with EMD must be submitted latest by 16.07.2018 up to 14.00 pm. in the tender box kept in ESIC Medical College Ground Floor General Branch Sedam Road Kalaburagi-585106.
- Bidder has to deposit the Earnest Money Deposit (EMD) (as mentioned against the respective gases in above table) in the form of demand draft drawn in favour of "ESIC Fund A/C NO-1" Payable at Gulbarga.
- Application received without Earnest Money Deposit (EMD) will be rejected. The technical bid will be opened online on 16.07.2018 at 15:00 pm.
- Tender document is also available for viewing on the "tenders" link of the website of Employee's State corporation i.e. <https://esictenders.eproc.in> , <http://www.esic.nic.in>.
- Any corrigendum to this tender will be notified through the aforesaid websites only.
- Application to this tender will be accepted only through the online mode through <https://esictenders.eproc.in> No other mode of application will be considered & application will not be accepted.
- Incomplete documents uploading will result in rejection of the tender.
- Selection of the successful bidder will be at the sole discretion of the Dean, ESIC Medical College and Hospital Kalaburagi, who reserves the right to accept or reject any or all the proposals without assigning any reasons thereof.

**(Important Instructions for Bidders regarding Online Payment)**

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

Bidder 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 Net Banking for participating in the tender.

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



**GENERAL INSTRUCTION:**

1. Tenderer are requested to upload requisite information / documents as per the tender documents which comprises of :-
  - a. General tender terms & conditions
  - b. Special terms & conditions
  - c. Technical bid consisting of Details of the firm/ vendor and Check list
  - d. Financial Bid ( as per format at Annexure D)
2. All the pages of the submitted tender are to be numbered and mention the page number of documents submitted, in the check list column.
3. Tenderer are requested that, before quoting their rates or uploading tender, the tender form may please be read thoroughly ( line by line) , otherwise purchaser will not be held responsible for any error / oversight of the tenderer and likely rejection of bid.
4. **Earnest Money:** the tenderer shall have to deposit Earnest Money as mentioned against the tender items, failing which the tender is liable to be rejected.
  - a. **The earnest money is to be paid by Demand Draft drawn in favour of ESIC FUND A/C NO-1, payable at Gulbarga. NO CHEQUES WILL BE ACCEPTED.**
  - b. In the event of the withdrawal / revocation of tender before the date specified for acceptance, the Earnest Money shall stand forfeited.
  - c. The Earnest Money will however be returned without interest to the tenderer, whose tender is not accepted.
  - d. Earnest Money Demand draft must be delivered by hand so as to reach on or before the closing date and time in sealed cover to **'The Dean ESIC Medical College and Hospital Sedam Road Kalaburagi-585106'**. The following words should be written in block letters" **Procurement of medical gases specifying the item no 1" along with "RE E Tender number 06/2018-19"** on top of the envelope, failing which the tender is liable to be rejected.
5. All payments shall be made by Demand Draft drawn in favour of ESIC FUND A/C No.1, payable at Gulbarga. Cheques / cash will not be accepted.
6. You are requested to online the bid for medical gases latest by 16.07.2018 up to 14:00 pm in the form of e- bid under Two Bid systems-(Technical Bid & Price Bid). Technical Bid should consist of details of firms and all document, certificates etc. mentioned in the check list and Price Bid should be filled as per format at Annexure D indicating the price of the item mentioned in technical bid. The same should be addressed to The Dean ESIC Medical College and Hospital Sedam Road Kalaburagi-585106.
7. Bidders or their authorized representative may be present if they wish to be at the time of opening of tender in conference hall ground floor in ESIC Medical College Kalaburagi at 15:00 pm. In case 16.07.2018 is declared a holiday, bids will be opened on next working day at the same time & venue.
8. The Dean ESIC Medical College and Hospital Sedam Road Kalaburagi-585106, does not pledge himself / herself to accept the lowest or any tender and reserves the right to accept the whole or any part of the tender or portion of the quantity offered and you shall supply the same/execute the supply at the rate quoted by you.
9. Acceptance by the purchaser shall be communicated in due course.
10. The tenderer shall give full assistance and information as may be required in connection with the supply of medical gases to the Dean or any other officer nominated by him/ her to inspect the premises of the tenderer at all reasonable times.
11. The tender is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the tender are not duly & fully filled in. Particular attention may be given to the dates of delivery and also to the particulars referred to in the conditions of contract so as to comply with them.
12. Individuals signing tender or other documents connected with the contract must specify:
  - a. Whether signing as a 'Sole proprietor' of the firm or his Attorney?
  - b. Whether signing as a 'Registered Active Partner' of the firm or his Attorney?
  - c. Whether signing for the firm 'per procreation'.
  - d. In the case of companies and firms registered under the Indian partnership act, the capacity in Which signing e.g. Secretary , manager, and partner etc, on their attorney and produce copy of documents, empowering him to do so, if called upon to do so.
13. **All tenders shall remain valid for acceptance for a period of 12 months from the date of opening of the tender or for such period as stated in special terms & conditions.**

14. Quotation qualified by any vague and indefinite expression such as “subject to immediate acceptance “Subject to prior sale’ etc. will not be considered.
15. Security Deposit: on acceptance of the tender, within the period specified by the Dean, the supplier must deposit Rs- 200000/- (Two lakh only) as security deposit/ performance security. The hospital authority shall be entitled to forfeit the security deposit or any part thereof without prejudice to any other remedies provided in the contract or available in the law. The security shall be in the form of demand draft / fixed deposit or bank guarantee payable at Gulbarga, in favour of Dean ESIC Medical College and Hospital Kalaburagi.
16. Responsibility for executing contract:
  - a) The supplier is entirely responsible for the execution of supply order in all respect in accordance with the terms & conditions as specified in the acceptance of tender. If the supplier fails in fulfilling below mentioned terms & conditions, such failure will constitute a breach of the contract and the Dean shall be entitled to make other arrangement at the risk and expense of the supplier.
  - b) Bidder shall not sublet, transfer; assign the contract to any part thereof at any stage of tender without the written permission of the Dean. In the event of the bidder contravening the condition tender may be rejected.
  - c) Supplier shall not sublet, transfer; assign the contract to any part thereof without the written permission of the Dean. In the event of the contractor/ supplier contravening the condition, Dean is entitled to place the contract elsewhere on the contractor / supplier account at his risk and contractor / supplier shall be liable for any loss and damage, which the Dean, ESIC Medical College and Hospital Sedam Road Kalaburagi-585106, may sustain in consequence arising out of such replacement of the contract.
  - d) In case selected bill is to be raised only in the name as applied in the tender form.
  - e) On due performance and completion of contract in all respect, the security deposit will be returned to the supplier without any interest on presentation of an absolute ‘no demand certificate’ in the prescribed form.
17. Arbitration:- In the event of any dispute or difference arising out of the terms and conditions laid down in this tender, the same shall be referred to the Arbitrator appointed by the Dean. The procedure of Arbitration will be governed by provisions Arbitration Act 1996.
18. The tenderer should submit a valid GST / TIN self attested copies along with the tender paper.
19. Right to accept / reject: - The hospital authority reserves the right to reject any or all tenders without assigning any reason whatsoever. Also, the hospital authority reserves the right to award any or part or full contract to any successful agency at its discretion & same will be binding on the tenderer.
20. Only technical bid shall be opened first & shall be referred to Technical Evaluation Committee (TEC). The price bid of only those bidders whose Technical Bid is found acceptable by the Technical Evaluation Committee will be opened by the Purchase Committee for further action.
21. Rates of gases should be quoted as lump sum price, inclusive of the cost of the gases, insurance, packaging, forwarding, loading and unloading and all taxes etc. as well as charges for installation & commissioning with all the men & material required for the same. No other charges in addition will be payable on any account over & above the lump sum price quoted. Price variation clause will not be acceptable.
22. The rates quoted in ambiguous terms such as “freight on actual & exemption eligibility applicable to the Hospital & shall advise the purchaser & quote accordingly basis” or “packaging/forwarding extra” will render the bid for rejection irrespective of its gradation in r/o lump sum prices quoted. Bidders in their own interest shall ascertain the eligibility of whatsoever concession. No ‘C’ or ‘D’ form is to be issued by this office. GST must be included as per rules. Tender should be typed in words as well as in figures free from erasing & errors in typing. The bidder must attest any erasing/error, otherwise the rates in reference of that particular item shall not be considered. The covering letter should indicate the list of enclosures.
23. Tenderer may apply for item 1 but with separate EMD for each respectively.
24. DELIVERY TERMS:

The delivery of Medical gases required to be executed within a period as specified and at the place ESIC Medical College and Hospital Kalaburagi-585106.



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**No.532/GLBMH/O2 Cylinder/Hospital/2016-17**

**Date: 03.07.2018**

**E-Tender Notification No. 06/2018-19**

Sub: Invitation of RE E- tender for procurement of Medical Gases for ESIC Hospital Kalaburagi

**Special Terms and Conditions**

TERMS AND CONDITINS AND ELIGIBILITY CRITERIA:-

1. The firm should preferably be a manufacturer of medical gases i.e. Medical oxygen IP, nitrous oxide and should have valid manufacturing license issued from the state drug controller as per the provisions of Drug & cosmetic Act 1940 and rules there under (attested copies of the licenses must accompany the tender) firm should ensure an uninterrupted supply of medical gases to the hospital round the clock.
2. The tenderer has to ensure compliance of gas cylinder rules 2016 or rules made thereafter and timely obtain necessary filling permission from the chief controller of explosives under rule 45 while supplying the cylinders for filling of compressed cryogenic gases, if required.
3. The firm should be a reputed one and should have been a supplier to at least 1 govt. hospital of Gulbarga/ Karnataka for at least a period of 2 years (this has to be supported with a certificate issued by the head of the hospital or any authorized signatory with the supply order).
4. The firm must be a supplier of medical gases i.e. medical oxygen IP, nitrous oxide and should have a valid license issued from state drug controller as per the provisions of drugs and cosmetics act 1940 and rules made thereafter. (Attested copies of license must accompany the tender document).
5. The firm should have a valid license for storage, filling and cylinder testing etc. issued by CCE Nagpur / or any other approved by Govt. of India as statutory requirements. (A self attested copy of same is to be enclosed)
6. Firm should have its own fully fledged lab with full time chemist to test each batch and to provide best testing reports of last 2 years on demand.
7. As and when required competent authority of ESIC Medical College and Hospital can sent to testing lab for checking importation.
8. If found more than admmissive limits as per specification, tendrer can be terminated and security deposit forfeited any other suitable action deemed fit by Dean ESIC Medical College and Hospital Kalaburagi.
9. The firm should have in-house facility for testing/trace impurities in P.P.M/P.P.B. range for CO, NO, Phosphines, Polymer, SO2 and argon etc. The facilities should be open to scrutiny by the hospital authorities.
10. Firm should have separate tanks and filling decks in designated separate areas for medical and industrial oxygen to avoid any chance of mix up which may be harmful to the patients. It is therefore essential that they must have separate identified cylinders for medical and industrial oxygen and proper transport facility.
11. The entire cylinder tank should be tested and specified for filling of medical gases by CCE. The firm should provide certificate to this effect.
12. Every cylinder/ storage tank should have a ring with all desired details of cylinder and mention of due date for testing.

13. Firm should have a CCE approved test shop (documentary proof to be attached)
14. Medical oxygen supplied in cylinders/tank should be filled from liquid medical oxygen directly through liquid pump to avoid contamination.
15. All cylinders/tank supplied by the firm must strictly meet all regulatory requirements including filling norm as per latest rules.
16. The rejected supply, if any, should be taken back and replaced by the firm at its own cost within the specified period and without causing any interruption to the hospital services.
17. Even in the case of emergencies the firms should be able to maintain uninterrupted supply of medical gases as per requirement.
18. The manufacturer shall have to supply the Gas in the cylinders owned and maintained by the firm and also the cylinder owned by the hospital as per requirement round the clock in various patient care areas.
19. The average minimum requirement is 10-12 bulk cylinders of oxygen/day at present and 1-2 cylinders of nitrous oxide/week and 1-2 cylinders of CO<sub>2</sub> /week, however requirement will increase with the expansion of hospital to 500 beds and supplier should be able to supply the same.
20. In the case of liquid oxygen tank the customer should have to supply in his own aura liquid cylinder of 175cum.
21. There shall have manufacturing unit in Gulbarga filling liquid and gas our oxygen.
22. The firm should not demand for security, caution money, rent / maintenance charges, holding or transportation charges, initial installation or uprooting charges or any other charges not mentioned in the price bid for cylinders or Liquid oxygen Vessel.
23. The tenderer is bound to supply medical gases to be used in the hospital during the validity of tender at the approved rates. If the price of any item is reduced due to any reason during the validity of tender, the firm will intimate the same to the hospital and reduce the rate immediately.
24. The firm should have a supply depot in Gulbarga/Karnataka region in order to ensure timely regular supply of medical gases. (Address details of supply depot should be enclosed with technical bid).
25. In case if the supplier fails to supply the material gas as per demand and as and when required the order will be liable to be cancelled and the security money/earnest money whichever is available at that time will be forfeited. The stores will be purchased from other sources or second lowest and extra expenditure incurred if any will be recoverable from the default supplier.
26. Firm must give an undertaking to the hospital that they will provide an uninterrupted supply of all gases in time and as per requirement.
27. **No cylinders rent / price variation or cylinder holding charges will be given to the firm.**
28. Repair /maintenance, testing & painting of the hospital owned cylinders should also be covered and price to be quoted separately at the time of tender only.
29. If any repair/testing/painting is due on hospital cylinders then the firm should inform in advance to the hospital only then the same will be considered.
30. No rental maintenance charges will be acceptable at any stage for the storage of liquid medical oxygen tank as it will be duty of supplier only.
31. All cylinders should be properly painted as per their respective color code. The cylinder no./Name of the company and contents should be clearly indicated on the neck of the cylinder.
32. All the cylinders of Medical Gases should have:
  - a. Valve protection caps
  - b. Valve with nickel plating only
  - c. History card of the cylinder
33. As per Gas cylinder rules 1981 and rules made thereafter as amended from time to time, the firm should give an undertaking that they are legally bound to supply the items which have been quoted in the tender as per the latest rule laid by the Governing authority failing which they will be liable to action as deemed fit.
34. Quotation Rates:- 1. The rates at which the cylinders/tank will be delivered in the hospital must be quoted both in the words and figures per cylinders of A, B, D(Bulk),A type or any other type mentioning the volume/ pressure range of gas to be contained in each of the cylinder. The rates should

show separately, the cost of gas for each type of cylinder and liquid Oxygen as detailed in price bid with taxes extra.

35. **MODE OF MEASUREMENT:**

36. Firm will be responsible for routine checkup and maintenance of cylinders and vessel at no extra cost.
37. The firm should insure for refilling and supply of all sizes of cylinder for the qualified medical gases (Oxygen, Nitrous oxide, Carbon Di Oxide ) i.e in AA,A, B, C and D/ bulk type.
38. The Liquid oxygen vessel should be maintained in such a way to keep natural evaporation rate less than 2%.
39. Tenderer has to ensure compliance of Rule 3 of gas cylinder Rules, 2004 and timely obtain necessary filling permission from CCE under Rule 45, while supplying the cylinder for filling of compressed cryogenic gases, if required.
40. The Firm should have his own vehicle to transport liquid and oxygen gas cylinders.
41. Successful bidder will be bound to supply the gases even after completion of tenure at tender rates, terms & conditions till the next tender / fresh arrangement is finalized.
42. Revision of Rates:-There should not be any revision of rates during the contract unless anything is statutorily liable / imposed and is duly notified by the Govt.
43. Period of contract:-The contract will be valid for two year from the date of finalization of the tender but the period can be extended by the Dean on the same rate and terms and conditions on mutual agreement. The Dean reserves the right to terminate the contract at any stage if the supplies and or services are found unsatisfactory.
44. Place of Delivery:- ESIC Hospital Sedam Road Kalaburagi-585106.
45. The Medical gas manifold room and area for LMO vessels for Oxygen, Nitrous oxide may be inspected by firms on any working day i.e. 9 AM to 4 PM (Monday to Friday) till the last date of submission of tenders. ( Contact Medical Store In charge before Inspection)
46. Name and active mobile no. of the key person, who can be contacted at any time and who should be capable of taking orders and making arrangement for supply of desired items, to be provided at time of tender only.

**Dean**





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**No.532/GLBMH/O2 Cylinder/Hospital/2016-17**

**Date: 03.07.2018**

**RE E-Tender Notification No. 06/2018-19**

Sub: Invitation of RE E- tender for procurement of Medical Gases for ESIC Hospital Kalaburagi.

**Technical Bid**

1. **DETAILS OF THE FIRM / VENDOR**

1	Name of firm and type of firm	
	a. Full postal address. b. Cell Phone No. c. Telephone No. d. Fax No. e. Email Id	
2	Are you in the list of approved contractors of any other organizations/ institutions, if any give details.	
3	Any other information which you consider necessary to furnish	
4	Name and address of your Bankers stating the name in which the account stands. Name of Bank Name of Branch A/C No & Type IFSC code no MICR Number	

Date:  
Place:

Signature of the tenderer

1. CHECK LIST:

Sl. No.	Uploading Documents	Document	Submitted Page no
1	Scan copy of Earnest money deposit by demand draft.		(Yes/No)
2	Authority letter from the competent authority with respect to name, designation and specimen signature of the representative signing the tender document/authority letter		(Yes/No)
3	Copy of Self Attested PAN and GST registration certificate		(Yes/No)
4	Undertaking indicating that the product/ items have not been supplied to any individual, Govt. or private institution at a rate lower than the quoted rate.		(Yes/No)
5	Authorization certificate from manufacturer of Medical gases as per format given at Annexure A (If not an manufacturer)		(Yes/No)
6	Minimum two certificates of satisfactory performance report of the supply of medical gases duly authenticated, from existing users of the product/ items of NCR		(Yes/No)
7	A signed undertaking on non judicial stamp paper of 100/- ( One hundred only) along with tender (As per format at Annexure -B)		(Yes/No)
8	Valid drug licence for Medical Oxygen (Liquid/ Gas) and Nitrous oxide ( self attested copy)		(Yes/No)
9	Valid licence for storage, filling and testing of cylinders ( self attested copy)		(Yes/No)
10	A CCE approved test shop certificate ( self attested copy)		(Yes/No)
11	Undertaking that uninterrupted supply of gas will be maintained to this hospital or else alternative arrangements will be made at own risk of the firm.		(Yes/No)
12	Certificate mentioning total no of gases / liquid oxygen and Nitrous oxide transport tank / cylinders in possession and permission to ply on all time of the day issued by Government.		(Yes/No)
13	Valid Trade License.		(Yes/No)
14	The Bidder should enclose the analytical report on conformity to the IP Standard 2014/ latest Indian Pharmacopoeia of the medical gas for latest batch failing which bid will be liable to be rejected.		(Yes/No)
15	Name and active Mobile no of the key person, who can be contacted at any time for taking order and making arrangement for supply of desired items.		(Yes/No)

**Note:** all documents should be uploaded (readable scanned copy of documents / financial instrument), failing which tender is liable to be cancelled.

Date:  
Place:

Signature of the tenderer

**AUTHORIZATION CERTIFICATE**

To,

Dean,  
ESIC Hospital, Sedam Road,  
Kalaburagi (Karnataka) -585106.

Respected Sir,

Authority letter against Tender No. \_\_\_\_\_ due on \_\_\_\_\_ item  
quoted \_\_\_\_\_

We, M/s (Name of manufacturer), who are established & reputed manufacturers of \_\_\_\_\_ having  
factory at \_\_\_\_\_ hereby authorize M/s \_\_\_\_\_ (Name & address of  
agent/distributor) to bid, negotiate & conclude the contract with your institution against above tender for the medical  
gases manufactured by us.

Yours faithfully,

Signature & Name of manufacturer with address & seal

Note: This letter of authorization should be on the letter head of the manufacturing concern & should be signed by a  
person competent & having the authorization to issue the said certificate on behalf of the manufacturing firm. The  
said certificate should also bear the signature of participating bidder as a witness.



**Annexure-B**

**Undertaking (To be submitted on Rs.100/- Non judicial stamp paper by the supplier)**

1. I, undersigned certify that I have gone through the Terms & conditions mentioned in the tender document including annexure & undertake to comply with them. The rates quoted by me/us are valid & binding on me/us for acceptance for the period of one year from date of opening of tender.
2. It is certified that rate quoted are the lowest quoted for any institution/Hospital in India.
3. EMD deposited by me/us in the form of Demand Draft/Banker's Cheque in favour of "ESIC fund A/c no.1" Gulbarga is attached herewith and shall remain in custody of the Dean, ESIC Hospital Sadem Road Kalaburagi-585106.
4. (A) I/We give the rights to Dean, ESIC Hospital, Sadem Road Kalaburagi-585106 to forfeit the EMD deposited by me/us if any delay occur on my/agent's part or fails to supply the article at the appointed place & time & of the desired specification.  
(B) Firm will give an undertaking to the hospital that they will provide an uninterrupted supply.
5. There is no vigilance/CBI case or court case pending against the firm/supplier, or blacklisted at any PSU.
6. I/we do hereby undertake that the firm is in this business since the last three years.
7. On Inspection, if any article is found not as per supply order, it shall be replaced by me/us in time as asked for, to prevent any inconvenience at my /our own expenses.
8. I/we hereby undertake to supply the items as per specifications and directions given in supply order within the stipulated period.
9. I/we undertake to provide warranty as mentioned in specifications from the date of satisfactory installation & inspection. I also undertake that I will maintain the uninterrupted supply of all gases as per requirement & specifications.
10. I/we understand that Dean, ESIC Hospital, Sadem Road Kalaburagi-585106 has the right to accept or reject any or all the tenders without assigning any reasons(s) thereof.

Signature of tenderer with address & seal

**Technical Specifications for Medical Gases**

**Annexure - C**

1. Specification of Compressed Medical Oxygen

Should be certified for medical use as per IP 2014 (or latest).

Should not contain less than 99.6 v/v of

Oxygen Should not contain more than 5 PPM

v/v of CO

Should not contain more than 300 PPM carbon

dioxide. Should be free from Halogens and

polymers.

Should be free from oxidizing

substances. Should be free from

moisture.

Certified Safe for Human Use.

Should not cause any damage to the material of cylinders, Gas Pipeline, Anaesthesia machine and ventilators.

2. Specification of Liquid Medical Oxygen

Should be certified for medical use as per IP 2014 (or

latest). Should not contain less than 99.6 v/v of

Oxygen Should not contain more than 5 PPM v/v of

CO

Should not contain more than 300 PPM carbon

dioxide. Should be free from Halogens and

polymers.

Should be free from oxidizing

substances. Should be free from

moisture.

Certified Safe for Human Use.

Should not cause any damage to the material of cylinders, Gas Pipeline, Anesthesia machine and ventilators.

Should provide safety feature in the line with safety as a part of installation.

Vessel should be of standard material and technology keeping in view of safety and international standard.

Vessel Capacity: provision for up to 6 KL. water capacity (Single tank) Configuration- Vertical preferred.

Operating working pressure 10-15 kg/cm<sup>2</sup> (Approx)

Should have compact unit including vessel. Vaporizer and incorporated with audio visual alarm for low content and pressure.

Dimension of vessels: Vendors are requested to visit / inspect the site so that the tank of requisite dimension can be provided by them to meet our requirement.

Consumption approximately-18-20 D type cylinder per day.

3. Specification of Medical Nitrous Oxide

Should be certified for medical use as an inhalation analgesic as per IP 2014.

Source of Nitrous Oxide manufacturing should be IP grade ammonium nitrate, if any alternate technology or manufacturing process is used the same to be specified and all inputs regarding

quality insurance and probable impurities etc must be provided.

Should not contain less than 98% v/v of nitrous oxide, both in liquid & gaseous phase. Should not contain more than 10ppm v/v of CO.

Should be free of reducing substances and hydrogen sulphid.

Should not contain more than 2ppm v/v of nitric oxide and nitrogen dioxide in both liquid and gaseous phases.

Should be free of oxidizing substances.

Each batch must have passed tests for alkalinity, arsenic, phosphates, and ammonia and other recommended test.

Should not cause any damage to the material of cylinders, Gas Pipeline, Anaesthesia machine and ventilators.

Certified Safe for Human Use.

Absolutely free of moisture and other impurities

#### 4. Specifications of Medical Carbon Di Oxide

Should be food grade CO<sub>2</sub>.

Should be medical use and safe for Human Use

Should not cause any damage to the material of cylinders, Gas Pipeline, Anesthesia machine and ventilators.





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Ph. No. 08472-265546/47/48 Fax No. 08472-265545

No.532/GLBMH/O2 Cylinder/Hospital/2016-17

Date: 03.07.2018

RE E-Tender Notice No- 06/2018-19

Sub: Invitation of RE E- tender for procurement of Medical Gases for ESIC Hospital Kalaburagi.

**Financial Bid for Medical Gases.**

**A. Liquid Medical Gases:**

Sl. No.	Particulars	Amount of Rs.
1	Liquid Medical Oxygen rate/ kg	

**B. Medical Gas (Compressed)**

Sl. No	Particulars	Medical Gas ( Compressed)								
		Oxygen cylinder/ cum			Nitrous Oxide per cylinder/cum		Carbon Dioxide Cylinder/ kg			
		A	B	D(jumbo)	A	D(jumbo)	AA	A	C	D(jumbo)
1	Rate per Unit									
2	Transportation charges									
3	Total Cost of Rupees:									
4	Grand Total (A+B) of Rs.									

**Note:**

1. Rate must be quoted both in words and figure.
2. L1 decided Grand Total (A+B) cost of Rupees:
3. GST/Taxes as applicable.

Signature of tenderer with address & seal