E-Tender Documents for supply of Medical Gases

Employees’ State Insurance Corporation
Model Hospital, Ring Road, Basaidarapur, New Delhi-15
An ISO 9001:2008 Certified 600 Bedded Hospital
E-mail: ms-basaidarapur.dl@esic.nic.in
Phone No. 011-25100664
Sub: Invitation of E-Tender for providing Liquid Medical Oxygen and other medical gases in ESIC Model Hospital, Basaidarapur, Ring Road, New Delhi -15

Sealed quotations under two bid system are invited for providing Liquid Medical Oxygen and other medical gases in ESIC Model Hospital, Basaidarapur, New Delhi as per terms and conditions set out in the E-Tender document. The Tender document may be downloaded from https://eprocure.gov.in of Central Procurement Portal and ESIC website www.esic.nic.in from 23.11.2019 till 16.12.2019 at 12.00 PM.

<table>
<thead>
<tr>
<th>Period for availability of E-Tender Form</th>
<th>From dt: 23.11.2019 to 16.12.2019 12.00 pm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Bid Meeting</td>
<td>09.12.2019 at 11.00 am</td>
</tr>
<tr>
<td>Last Date &amp; Time of submission of E-Tender</td>
<td>16.12.2019 at 12.00 pm</td>
</tr>
<tr>
<td>Date &amp; Time of Opening of E-Tender</td>
<td>17.12.2019 at 2.30 pm</td>
</tr>
<tr>
<td>Bid Security/Earnest Money to be deposited in the tender box kept in the committee room</td>
<td>₹2.5 Lakh</td>
</tr>
</tbody>
</table>

Note: Please note that the tender forms with all supported documents are uploaded in e-procurement portal only and hard copies are not required to be submitted. Only the EMD to be deposited in the tender box kept in the Committee Room adjacent to the Office of the Medical Superintendent.

The interested bidders may submit the Tender online at https://eprocure.gov.in under two bid system in the prescribed proforma. The complete Tender documents (hard copy) shall also be dropped physically along with Earnest Money Deposit (EMD)
NOTICE INVITING TENDER

Sub: Invitation of E-Tender for providing Liquid Medical Oxygen and other medical gases in ESIC Model Hospital, Basaidarapur, Ring Road, New Delhi -15

TECHNICAL BID

DETAILS OF THE FIRM/VENDOR

<table>
<thead>
<tr>
<th></th>
<th>Name of firm and type of firm</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Full postal address</td>
</tr>
<tr>
<td>a</td>
<td>Name of firm and type of firm</td>
</tr>
<tr>
<td>b</td>
<td>Cell Phone No.</td>
</tr>
<tr>
<td>c</td>
<td>Telephone No.</td>
</tr>
<tr>
<td>d</td>
<td>Fax No.</td>
</tr>
<tr>
<td>e</td>
<td>Email Id.</td>
</tr>
<tr>
<td>3</td>
<td>Name and address of your Bankers stating the name in which the account stands</td>
</tr>
<tr>
<td></td>
<td>Name of Bank</td>
</tr>
<tr>
<td></td>
<td>Name of Branch</td>
</tr>
<tr>
<td></td>
<td>A/C No. &amp; Type</td>
</tr>
<tr>
<td></td>
<td>IFSC Code No.</td>
</tr>
<tr>
<td></td>
<td>MICR No.</td>
</tr>
<tr>
<td>4</td>
<td>Are you in the list of approved contractors of any other organizations/Institutions, if any, give details</td>
</tr>
<tr>
<td>5</td>
<td>Any other information which you consider necessary to furnish</td>
</tr>
<tr>
<td>6</td>
<td>Company Registration No.</td>
</tr>
<tr>
<td>7</td>
<td>GST Registration No.</td>
</tr>
</tbody>
</table>

Note: All the documents, as per checklist appended at Annexure-A, must be uploaded alongwith Technical Bid.
Medical Superintendent, ESIC Model Hospital, Basaidarapur, New Delhi-110015 invites sealed bids for Liquid Medical Oxygen and other medical gases as per following details:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Items</th>
<th>Department</th>
<th>Earnest Money (INR)</th>
<th>Bid System</th>
<th>Tender value (INR)</th>
<th>Last Date of Tender submission</th>
<th>Date of Opening of bids</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Liquid Medical Oxygen and Other Gases</td>
<td>Manifold</td>
<td>₹ 2.5 Lakh</td>
<td>Two Bid</td>
<td>₹ 50.00 Lakh</td>
<td>16.12.2019 at 12.00pm</td>
<td>17.12.2019 at 2.30pm</td>
</tr>
</tbody>
</table>

Tender is to be submitted online complete in all respect along with hard copy of Earnest Money Deposit (EMD) in the form of Demand Draft/Banker’s cheque drawn only on any nationalized bank. Earnest Money is to be enclosed with the Technical Bid. Technical Bid should contain all the technical details and the documents required as mentioned in the Tender. The price bid should contain the commercial terms in the format given in the Tender.

EMD in the form of covering letter complete in all respects, must be deposited in Tender box kept in Conference Hall, office of the Medical Superintendent from 10:00 AM to 01:00 PM on due date of opening. Tender received late will not be entertained. Tender will be opened on the due date at 2:00 PM in Conference Hall, office of the Medical Superintendent in the presence of bidders or their authorized representative. If due date of opening is declared a holiday, Tender will be opened on next working day at same time and place.

Medical Superintendent reserves the right to reject any or all the Tenders without assigning any reason(s) thereof.

-<sd/>

Medical Superintendent
TERMS AND CONDITIONS FOR SUPPLY OF LIQUID MEDICAL OXYGEN AND OTHER MEDICAL GASES

General Information

ESIC Model Hospital, Basaidarapur is a 600 bedded Hospital and is associated with Post Graduate Institute of Medical Sciences & Research (PGIMSR). The present weekly consumption pattern of Medical Gases (approximately) is as follows:

1. Oxygen ‘A’ type cylinder of 5 Litre water capacity (0.7-1.0 cu. metre each) – 35 cylinders;
   Oxygen ‘B’ type cylinder of 10 Litre water capacity (1.45 cu. metre each) – 210 cylinders;
2. Oxygen ‘D’ type cylinder bulk of 47.0 Litre water capacity (07 cu. metre each) – 10 cylinders;
3. Nitrous Oxide ‘D’ type gas capacity (17 cu. metre) – 01 cylinder;
4. Carbon dioxide cylinders for Laprsacopy, OT, IVF Lab. and Manifold as per weekly usage basis;
5. Liquid Medical Oxygen – 10 KL vessel capacity.
6. Pre-mix gases (Co2 6%, O2 5% and N2 89%) – 02 cylinders;

The firms participating in the tender should be able to install Liquid Medical Oxygen (hereinafter referred to as LMO) vessel at the said premises with capacity of 10 Kilolitres and provide regular Liquid Oxygen supply of minimum 900 kg/day (approximately) besides the above mentioned B & D type Oxygen cylinders, which may increase in future due to further expansion. Bidders will be responsible for installing the same as per Petroleum and Explosive Safety Organization (hereinafter referred to as PESO) and Gas Cylinder Rules 2016 (hereinafter referred to as GCR 2016) and obtain necessary licence(s) from the authorities concerned, if any. The firm will undertake/perform all necessary civil work for erection and commissioning of storage tank as per SMPV Rules. The space for 10KL with approximate dimension of 17m X 9m is available at the spot.

General Terms and conditions

1. The firm shall be a reputed one and should have been supplier to at least three hospitals of more than 100 beds, out of which two should be government hospitals. This should be supported by a certificate issued by the clients along with copy of supply order. The firm must have standing experience of at least 3 years in the field of supply of Medical Gases as per prevailing/latest guidelines/amendments of PESO and Gazette Notification under GCR 2016.

2. The firm shall be manufacturer/supplier/distributor of Medical Gases i.e. Medical Oxygen IP, Nitrous Oxide and should have a valid licence issued from the concerned Authority.

3. The firm should have a valid licence for storage, filling and cylinder testing and other licences, if any, issued by CCE Nagpur as statutory requirement (attested copies of the letter to be attached) or any other authority.

4. The Tenderer has to ensure compliance of Rule 3 of Chapter II under the heading “General Provisions” of GCR, 2016 and obtain timely necessary filling permission from the Chief Controller of Explosives as and when required as per latest directions/notification from PESO.
5. Prospective bidders are advised to visit Hospital premises by sending their competent official with valid Identity Card to understand the geographical location, traffic rules, existing infrastructure of Gas Manifold and its location, inspect the cylinders and LMO vessel capacity before submitting their bids during Hospital working hours between 9:00 AM to 4:00 PM from Monday to Friday. The firm shall intimate Hospital Authority in advance.

6. The Firm should have its own full-fledged laboratory with full-time chemist to test each batch of cylinders and to provide testing reports on quarterly basis.

7. The firm should have in-house facility for testing/tracing impurities in PPM/PPB range for Co2, N2O, Phosphines, Polymers, So2 per latest directions/notification from PESO. The facilities shall be open to inspection by Hospital Authorities.

8. The firm MUST maintain uninterrupted supply of Medical Gases even in emergencies. An undertaking is to be submitted to the Hospital in this regards and make alternate arrangement for the supply of gases at their risk and responsibility. Besides, the Hospital reserves the right to make alternate arrangement for the supply of gases at the firm’s risk and the cost will be borne by the firm if it fails to supply, due to any cause other than *Force majeure*.

9. The vendor must ensure round the clock filling of Medical Oxygen bulk ‘D’ type cylinders for the matrix of the manifold as a standby arrangement for Liquid Medical Oxygen.

10. The firm will be responsible for any mishap on account of non-conformities of safety standards and rules for Medical Gases and Liquid Oxygen plant.

11. The firm should enclose a certificate indicating total numbers of Liquid Oxygen transport tanks in possession and permission to ply on Delhi roads at all times of the day including restricted hours from the Delhi Police.

12. Incomplete/Conditional Tender will not be accepted.

13. The rejected supply, if any, be replaced by the firm at its own cost within the specified period without causing any interruption to the Hospital services.

14. All pages should be duly numbered, signed and stamped by authorized person. Total number of pages should be mentioned on the forwarding letter. All the documents must be signed by authorised signatory under the official stamp of the firm.

15. In case the supplier fails to supply the material as per requirement, the order will be liable to be cancelled without any prior information and the Security Money/Earnest Money, whichever is available at that time, will be forfeited.

16. Quotation has to be strictly according to the required specifications.

17. Rates should be quoted inclusive of free delivery at ESIC Hospital premises.

18. The firm should not demand for any security, caution money, rent/maintenance charges, holding/transportation/rental charges, initial installation or uprooting charges.

19. Rates quoted should not be higher than that quoted in any other organization/institution in NCR of Delhi. In this regard, an undertaking is to be attached on non-judicial stamps of requisite value.
20. The Tenderer is bound to supply LMO and Medical Gases to hospital during the validity of Tender at the approved rates. If the price of any item(s) is reduced due to any reasons whatsoever, the firm shall intimate the same to this Hospital and reduce the rate immediately.

21. Firm should have separate tanks and filling decks 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.

22. The firm should have a supply depot in Delhi/NCR Region in order to ensure timely & regular supply of the Medical Gases.

**Note:** Medical Superintendent himself or through any other officer, may check and to ensure that the infrastructure of the firm is according to the standards laid down by concerned Authorities/Organizations i.e. PESO as per latest amendments/guidelines etc.

23. **Indemnity:**

The Vendor/Agency/Firm shall, at all times, indemnify and keep indemnified ESIC against all actions, suits, claims and/or demands brought or made against anything done or purported to have been done by the Hospital in execution of or in connection with the services under the Agreement and against any loss or damage to ESIC in consequence of any action or suit being brought against ESIC, alongwith or otherwise Hospital as a party for anything done or purported to be done in the course of the execution of this Agreement. The Vendor/Agency/Firm will, at all times, abide by the job safety measures and other statutory requirements prevalent in India and will keep free and indemnify ESIC from all demands or responsibilities arising from accidents or loss of life, if any, the cause or result of which is attributable to the Hospital’s negligence or misconduct and/or other action. The Vendor/Agency/Firm will pay all the indemnities arising from such incidents without any extra cost to ESIC and will not hold the ESIC responsible or obligated. ESIC may at its discretion and shall always be entirely at the cost of the Vendor/Agency/Firm defends such suit, either jointly with the Vendor/Agency/Firm or separately in case the latter chooses not to defend the case.

24. **Arbitration:**

If any dispute or difference of any kind whatsoever (the decision whereof is not being otherwise provided for) shall arise between the ESIC and Vendor/Agency/Firm upon or in relation to or in connection with or arising out of the Agreement, shall be referred to for arbitration by the Medical Superintendent, ESIC Model Hospital, New Delhi (hereinafter MS of the Hospital) who will give written award of his decision to the Parties. Arbitrator will be appointed by the MS of the Hospital. The decision of the Arbitrator will be final and binding. The provisions of Arbitration and Conciliation Act, 1996 shall apply to the arbitration proceedings. The venue of the arbitration proceedings shall be at the office of the MS of the Hospital.

25. For legal disputes, jurisdiction will be Delhi only.

26. Validity of the bid should be minimum period of 06 months. The validity of the Tender will be two years from the date of finalization of Tender. This may be extended on same terms and conditions on mutual consent for another one year or till finalization of next Tender or fresh arrangement is made.
27. (a) The Tenderer shall furnish an undertaking on ₹100 Non Judicial Stamp Paper that there is no Vigilance/CBI or other Agency or Authority is pending against the firm.

(b) The Tenderer shall also furnish an undertaking on ₹100 Non Judicial Stamp Paper that the firm has not been blacklisted by any Company/Institution etc. in the past.

28. However, selection of vendor/ranking will be done on the basis of Net Rates of LMO and other compressed gases. The net rates are inclusive of all installation, rental, transportation, testing, and maintenance etc. charges.

29. Medical Superintendent reserves the right to reject any or all tenders without assigning any reason(s) thereof.

30. It must be noted that the quantities mentioned in price bid is only tentative for the purpose of price bid evaluation and actual quantities may increase or decrease at the time of procurement.

31. The tender shall be valid for 06 (six) months from the date of opening.

**Earnest money deposit (EMD)**

The Tender must accompany with EMD for an amount of ₹2.5 Lakh (Rupees Two Lakh Fifty Thousand only) in the form of bank draft in favour of ESI Account No.-2 drawn on any nationalized bank. The Tender not accompanied with the EMD shall be rejected outrightly and no further communication will be entertained. The EMD shall be returned to all Tenderers without any claim for accrual of interest after finalization of Tender. Withdrawal of the Tender, at any stage after submission, shall forfeit EMD.

**Performance Security**

The successful Tenderer shall have to submit a performance security of ₹5 lakhs (Rupees Five Lakh only) in the form of a fixed deposit/ Bank guarantee for the due compliance & fulfillment of the terms and condition of the contract in favour of MS payable in ESI fund Account No.-2. On due performance and successful completion of the contract the security money deposit shall be returned without any interest. On unsatisfactory performance or violation of terms and conditions of the contract will make the contractor liable for forfeiture of security deposit. The decision of MS will be final.

**Period of Contract**

The contract will be valid for two years from the date of finalization of the Tender and same may be extended by the MS on mutual agreement on same terms and conditions till the finalization of next Tender or till alternate arrangement is made. MS reserves the right to terminate the contract at any stage if the supplies and or services are found unsatisfactory.

**Commercial Terms**

1) The rate at which the cylinders will be delivered in hospital must be quoted both in words as well as figures as per details of cylinders and LMO as below:

   a) Cost of gas per cylinder;
   
   b) Taxes to be mentioned;
   
   c) Cost of any other chargeable component per cylinder.
2) Rate for Liquid Medical Oxygen should be quoted in ₹/Kg. There should not be any revision of rate during contract period except change in taxes, whenever notified by the Govt.

3) Price bid to be quoted in the format given in Annexure-B

**Special Terms and Conditions**

**Liquid Medical Oxygen (LMO)**

1) Necessary facilities as per SMPV for the Liquid Oxygen vessel/tank should be provided by the firm for example grill, fence, etc. as per CCE Nagpur certification guidelines at no extra cost.

2) No rental charges for the vessel will be payable.

3) No additional transportation charges for liquid oxygen will be payable.

4) Procurement and renewal of all the necessary licences should be the responsibility of the firm.

5) LMO tank be connected to Manifold by the qualifying firm.

**MODE OF MEASUREMENT FOR LMO**

1) Liquid Oxygen will only be received after weighing the tanker before supply at Govt. approved Dharam Kanta (nearest to the hospital) along with the receipt. The tanker will be sent again to the same Dharam Kanta for weighing after filling of the LMO vessel to the desired value/amount which is already installed in the hospital premises at Gas Manifold and net weight of the LMO supplied to the hospital shall be determined by subtracting the weight after supply from the weight before supply. Any failure in providing the same along with bills produced to the Competent Authority might lead to delay of the payment and any consequences whether Medico-Legal/Socio-economic occurring because of this will be the sole responsibility of the firm.

2) Representative(s) from the hospital will visit the Dharam Kanta at the time of finalization of contract for Inspection of gross weight, tare weight and net weight of the Oxygen tanker. Firm will provide necessary cooperation in this matter, no additional charges will be payable from Hospital.

3) M.S. shall have right to change the mode of measurement in future, if needed.

**Compressed Medical Oxygen (CMO)**

1) All cylinders supplied by the firm must strictly be made as per regulatory requirements including filling norms.

2) The vendor shall have to supply the gas in the cylinders which are available in the hospital. If any additional requirements of various type of cylinders arise, the same shall be met by the vendor.

3) Firm should be able to provide the services within the existing infrastructure available in the manifold room of the hospital and must quote for all gases including Oxygen, N2O, CO2.

4) Successful Tenderer will be responsible for

   a) Any repair/testing/painting is due on hospital cylinders/LMO then the firm should inform in advance to the hospital only then the same will be considered.
b) All cylinders should be properly painted as per their respective colour code. The cylinder no., name of the company and name of gas cylinder contents should be clearly indicated on the neck of the cylinder.

5) All the cylinder of Medical Gases should have.

   a) Valve protection caps.
   
   b) Valve with nickel plating only.
   
   c) History card of the cylinder with company’s monogram on it; date of last testing; and date of next testing.

6) 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.

7) The firm should be able to maintain uninterrupted supply of medical gases even in emergency.
### CHECKLIST:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Documents</th>
<th>Submitted (Yes/No)</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tender Document fee in the form of Demand Draft</td>
<td></td>
<td></td>
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<tr>
<td>2</td>
<td>Earnest Money Deposit by Demand Draft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Authority letter from the competent authority with respect to name, designation and specimen signature of the representative signing the tender document/authority letter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Copy of self attested PAN and GST registration certificate</td>
<td></td>
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<tr>
<td>5</td>
<td>Undertaking indicating that the product/items has not been supplied to any individual, Govt or private institution at a rate lower than the quoted rate.</td>
<td></td>
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<tr>
<td>6</td>
<td>Authorization certificate from manufacturer of Medical gases as per format given at Annexure B (If not a manufacturer)</td>
<td></td>
<td></td>
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<tr>
<td>7</td>
<td>Minimum two certificates of satisfactory performance report of the supply of medical gases duly authenticated from existing users of the products/items of NCR</td>
<td></td>
<td></td>
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<tr>
<td>8</td>
<td>A signed undertaking on non-judicial stamp paper of ₹ 100 (One Hundred Only) alongwith tender (As per format given at Annexure-C)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Valid licence for Medical Oxygen (Liquid/Gas), Carbon Dioxide, and Nitrous Oxide (Self attested copy)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Valid licence for storage, filling and testing of cylinders (Self attested copy)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>A CCE approved test shop certificate (Self attested copy)</td>
<td></td>
<td></td>
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<tr>
<td>12</td>
<td>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.</td>
<td></td>
<td></td>
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<tr>
<td>13</td>
<td>Certificate mentioning total no. of gases/liquid Oxygen, Carbon Dioxide and Nitrous Oxide transport tank/cylinders in possession and permission to ply on all time of the day issued by Government.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Valid Trade License</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>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.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Name and active Mobile no. of the key person, who can be contracted at any time for taking order and making arrangement for supply of desired items.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Latest lowest rate undertaking stating that the rate quoted are not higher than those quoted elsewhere</td>
<td></td>
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<tr>
<td>18</td>
<td>Non-black listing undertaking that the form has not been blacklisted in the past and there is no vigilance enquiry pending</td>
<td></td>
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<tr>
<td>19</td>
<td>Undertaking that uninterrupted supply of gas will be maintained or else alternative arrangement will be made at own risk of the firm</td>
<td></td>
<td></td>
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<tr>
<td>20</td>
<td>Undertaking that all the terms and conditions of Tender are acceptable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Any other document as per GCR-2016 particularly fire and explosive safety latest licence(s) from competent authorities. Duly attested copies of PAN, GST No. and IT Returns for the last 03 years (17-18, 16-17 &amp; 15-16) etc. to be attached.</td>
<td></td>
<td></td>
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</tbody>
</table>

Note: Every document should be uploaded online (legible scanned copy of documents). Every page of bid shall bear signature and stamp of the bidder, failing which tender is liable to be rejected.

Date:

Place: __________  
Signature of the Tenderer
AUTHORIZATION CERTIFICATE

To,

The Medical Superintendent,
ESIC Model Hospital,
Ring Road, New Delhi-110015

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 Manufacture
With Address & Seal

Note: This letter of authorization should be on the letter head of 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-C

UNDERTAKING

(To be submitted on ₹ 100 non-judicial stamp paper by the supplier)

1. I, ……………………………………………Son/Daughter of Shri………………………………. Proprietor/Partner/Director/Authorized Signatory of …………………………………. am competent to sign this declaration and execute this E-Tender document. I also certify that I have gone through the Terms & Conditions mentioned in the tender document including annexures & 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 dated of opening of tender.

2. It is certified that rate quoted are the lowest quoted for any institution, hospital, nursing home and individual 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.-II” payable at Basaidarapur is attached herewith and shall remain in custody of the Medical Superintendent, ESIC Model Hospital, Ring Road, New Delhi.

4. (a) I/We give the right of Medical Superintendent, ESIC Model Hospital, Ring Road, Basaidarapur-15 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 /Court Case pending against the firm/supplier by any PSU/Govt./Semi-Govt./Autonomous Organization.

6. The firm/supplier has not been or being blacklisted by any PSU/Govt./Semi-Govt./Autonomous Organization.

7. I/We do hereby undertake that the firm is in this business since the last two years.

8. 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.

9. I/we hereby undertake to supply the items as per specifications and directions given in supply order within the stipulated period.

10. 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 requirements & specifications.

11. I/we understand that Medical Superintendent, ESIC Model Hospital, Basaidarapur, New Delhi has the right to accept or reject any or all the tenders without assigning any reason(s) thereof.

Date:-

Signature of the Tenderer:-

Place:-

Full Name:-

Designation:-

(Official seal of the Tenderer)
Price bid to be quoted in the following format:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the Items (Medical Gases)</th>
<th>Approximate weekly holding of cylinders/Gas</th>
<th>Approximate quantity to be refilled in a year</th>
<th>Rate quoted including transport/delivery cost &amp; other charges</th>
<th>Total cost of the quantity as shown in column (DxE)</th>
</tr>
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<tbody>
<tr>
<td></td>
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</tr>
<tr>
<td>A</td>
<td>A Type Oxygen Cylinders Standard: Indian Weight: 5 Litre Water capacity Volume: 0.7 Cubic Meter</td>
<td>35 Cylinders</td>
<td>1,825 Cylinders</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>B Type Oxygen Cylinders Standard: Indian Weight: 10 Litre Water Capacity Volume: 1.45 Cubic Meter</td>
<td>210 Cylinders</td>
<td>10,950 Cylinders</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>D Type Oxygen Cylinders Standard: Indian Weight: 47 Litre Water Capacity Volume: 7 Cubic Meter</td>
<td>10 Cylinders</td>
<td>480 Cylinders</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>D Type Bulk Nitrous Oxide Standard: Indian Weight Volume: 17 Cubic Meter</td>
<td>01 Cylinder</td>
<td>48 Cylinders</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>Carbondioxide Medical grade I.P. 1996/Latest IP (in Kgs.) As per weekly usage</td>
<td>As per weekly usage</td>
<td>As per weekly usage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>Premix Gases (D Type) (Co2 6%, O2 5% and N2 89%);</td>
<td>1 Cylinder</td>
<td>6 Cylinders</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G</td>
<td>Liquid Nitrogen Conforming to IS: 1747 standards with 99.95% (min.) purity and moisture content less than 50 ppm (V/V)</td>
<td>55 Litre</td>
<td>2,640 Litres</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H</td>
<td>Liquid Medical Oxygen</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: *The rates shall not exceed the prices as defined by NPPA.*

The above proforma should be duly filled and signed and to be enclosed alongwith the Financial Bid only and not with Technical Bid, failing which your offer will be summarily rejected.

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Annexure-E

**Technical Specifications for Medical Gases**

1. **Liquid Medical Oxygen (LMO)**
   - Vessel Capacity: 10 KL or more
   - Configuration - Vertical/Horizontal
• Operating working pressure 8-12 kg/cm²/within safety limits as per capacity

2. Compressed Medical Oxygen (CMO)
• Medical grade I.P 1996/Latest IP
• Certified safe for human use
• Purity-99-100%.
• Carbon monoxide less than 5 PPM
• Carbon dioxide not more than 300 PPM
• Free from halogen, polymer & oxidizing substance & moisture.
• Should not cause any damage to the materials of cylinders, Gas pipeline, Anesthesia machine and ventilators.

3. Nitrous Oxide.
• Medical grade I.P. 1996/Latest IP
• Certified safe for human use
• Purity 99-100% in liquified form
• Humidity and other impurities zero percent free from hydrogen sulphide. Free of all forms of reducing and oxidizing substances
• Should not cause any damage to the materials of cylinders, gas pipeline, anesthesia machine and ventilators
• Each batch must have passed tests for alkalinity, arsenic, phosphate and ammonia.

4. Carbon dioxide
• Medical grade I.P. 1996/Latest IP
• Certified safe for human use
• Should not damage any instrument used with it.

5. Liquid Nitrogen Gas
• Liquid Nitrogen gas should be of medical grade.
• Liquid Nitrogen gas should be supplied as a cryogenic liquid gas with boiling point of -320°F (-196°C).
• Liquid Nitrogen after vaporization should conform to IS: 1747 standards with 99.95% (min.) purity and moisture content less than 50 ppm (V/V).

6. Premix Gases
• Premix gases should be of medical grade.
• Premix gases should be blended with composition of 6% Co2 gas, 5% O2 & 89% Nitrogen Gas.
• The blend of premix gases should be of high purity and should be within ±0.2%
• All premix gases should be supplied with a certificate of analysis.