To,
M/s...........................................
...........................................
...........................................

Sub: Tender for supply, installation, commission, operation of liquid medical oxygen vessels & supply of LMO along with conversion of existing compressed medical oxygen manifold system to liquid medical oxygen (LMO) system.

You are invited to tender for above mentioned supply, installation, commission, Operation of liquid medical oxygen vessels & supply of LMO along with conversion of Existing compressed medical oxygen manifold system to liquid medical oxygen (LMO).

You are invited to tender for above mentioned supply, installation, commission, operation of liquid medical oxygen vessels & supply of LMO along with conversion of existing compressed medical oxygen manifold system to liquid medical oxygen (LMO) system. Please quote tender number on the top of your envelope. The sealed envelope containing the tender document should be addressed to “The Medical Superintendent JN Medical College Hospital AMU, Aligarh.

Technical and financial bid should be submitted in separate sealed envelope mentioned with full Name, Address, E-mail, Fax, Phone and Mobile No. Of the tendering firm on the top of envelope and put in a large envelope duly sealed.

The bids should be submitted in the tender box placed in the medical superintendent office, JN Medical College Hospital AMU, Aligarh DATED 21-09-2015. Till 3:00 P.M.

Tender received after due date & time will not be considered.

Medical Superintendent
MEDICAL SUPRINTENDENT OFFICE J.N.M.C. Hospital, AMU, Aligarh
TENDER DOCUMENT
Tender for supply of liquid Medical Oxygen

Tender No.                       Date-

Section-1: invitation for bidding

1. **Notice Inviting Tender (NIT)**
   On behalf of the Chief Medical Superintendent JN Medical College Hospital AMU, Aligarh Tenders are invited in two bid system to supply, installation, commission, operation of Liquid Medical Oxygen Vessels & supply of LMO along with conversion of existing compressed medical oxygen manifold system to liquid medical oxygen (LMO) system from the eligible specialized original gas manufacturer (OGMS) having experience of successfully completed similar work during the last two years reckoned backward with reference to the last date of bid submission. It is proposed to install LMO vessels at two locations, the details of proposed LMO vessel locations, and approximate consumption of oxygen are given in table.

**Table:** Proposed locations of LMO vessels and manifolds of user departments to be connected through LMO vessels.

<table>
<thead>
<tr>
<th>S.NO PART</th>
<th>Proposed location and size of LMO Vessels</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Location- Old Gas Plant JNMC Hospital</td>
</tr>
<tr>
<td></td>
<td>Vessel size &amp; Nos 2x10KL/1X20KL</td>
</tr>
<tr>
<td>2.</td>
<td>Location- New Emergency AND Trauma Centre JNMC Hospital</td>
</tr>
<tr>
<td></td>
<td>Vessel size &amp; Nos 1X10KL</td>
</tr>
</tbody>
</table>

**Scope of Work:**

The vessels of LMO are required to be installed at different locations of JN Medical College Hospital, AMU, Aligarh as mentioned in table. The scope of work shall include:-

1. Supply, installation, testing, commission of LMO vessels, along with all accessories and obtaining central Explosives licence/other licences from competent authority for the same and comprehensive maintenance of the same.
2. The space for the installation of LMO Vessels and allied activities shall be provided by the JNMC Hospital AMU, Aligarh.
3. Supply of LMO and allied activities/services for 5 Years.
4. Contractor shall connect Liquid Medical Oxygen system to Liquid Medical Oxygen system. The contractor/firm have to connect oxygen manifolds of user Hospital from LMO vessel through copper pipes of appropriate sizes, free of cost.

5. All associated, supply, construction/fabrication, maintenance works of civil, mechanical, electrical etc. shall be done by firm/contractor itself, nothing extra will be paid by the JNMC Hospital, AMU, Aligarh.

6. Scope of work shall also include testing, packing, transportation, scheduling of transportation, transit insurance, delivery at sites, filling/loading/unloading, storage job, any other services associated with the supply of liquid medical oxygen, the successful bidder will assume full responsibility of the complete system unit up to existing manifolds of user JNMC Hospital AMU, Aligarh.

7. Comprehensive operation and maintenance of the whole system of LMO and accessories up to existing manifolds of user Hospital.

8. The firm/contractor has to quote for Liquid Medical Oxygen (Net Price) per cubic Meter only. (Weight in KG will be converted into cubic meter with the formula 1 Kg x 0.77 = 1 cum).

9. The bidders are required to have survey of the proposed sites of JN Medical College Hospital AMU, Aligarh before preparation and submission of tenders.

10. **Section II: Qualification/Eligibility Criteria and Preparation of Tenders**

Tenderers should submit in the following two covers:

A. Prequalification/Technical Bid cover (Cover I)

B. Financial Bid cover (Cover II)

**A. Prequalification/Technical Bid cover (Cover I)**

1. Bidder should have provide a certificate as per Annexure 11, indicating annual turnover of at least Rs 300 crore or more per year during preceding three consecutive financial years i.e for 2012-13, 2013-14 and 2014-15, duly audited and certified by Chartered Accountant.

2. Original EMD to be submitted along with technical bid in form of FDR and in favour of Finance officer, AMU, Aligarh.

3. The Contractor should have solvency certificate of at least 1 crore from banker.

4. Original copy of two undertaking on non-judicial stamp paper of Rs.100/
   a. For Terms & Condition of this tender –to be submitted in the format given at Annexure-3
   b. For Overall Compressive operation and Maintenance of LMO system including all accessories up to existing manifolds of user departments - to be submitted in the format given at Annexure-4

5. The tenderer should be either a manufacturer of LMO. Certificate to be submitted as per Annexure -7

6. Tender Form as per Annexure -5 on the letter head.
7. Central Sales Tax/State Sales tax (VAT) registration number with attested photocopies of registration certificate.
8. A Copy of Trade-Tax/Commercial Tax Registration certificate duly attested by a Gazetted Officer, should also be enclosed.
9. Trade Tax, Commercial Tax clearance certificate to be submitted along with copy of PAN and acknowledgement for filling latest Income Tax Return.
10. An notarized affidavit on non-judicial stamp, that the tenderers have never been convicted by Hon'ble Court/ competent authority and have not been black listed by any organization must be attached along with the tender failing which the tender will be rejected.
11. Tenderers should also submit technical literature, brochures and other documents in support of suitability of the goods quoted by them.
12. The Successful Tenderer selected for supplying Liquid oxygen has to install the storage tank of required standard having required capacity in premises of JNMC Hospital AMU, Aligarh at their own cost and obtain the license from chief controller of explosives. (Competent Authority of India).
13. Valid copy of drug License Certificate, issued by competent authority with Date of expiry.
14. Additional information as per Annexure-6.
15. Tenderer who does not fulfill any of the above requirements /technical requirements and /or gives evasive information shall be liable to be ignored and rejected.
16. Tenderer should furnish a list of successful installation & commission executed by them for similar installation & supply, preferably from Govt. Hospitals / Institutions in India, in the last three years reckoned backward with reference to the last date of bid submission
17. Two Acs must be placed near the (LMO) panel by the Tenderer due to the dust risk (Dust is very harmful for LMO Panel).
18. In case any Mishaps occur in the Hospital by LMO and any Employee injured/expired Tenderer shall have to pay compensation to the family members.

(B) Financial bid cover (cover-2)

1. Tenderers must survey the sites and assess all kind of works involved including supply of liquid medical oxygen for a period of five years and quote their prices in the price schedule format (cover 2- financial bid) as give under Annexure-2.
2. Tenderer must be careful while quoting the rate in price schedule and should read the instructions to supply of liquid gas along with free of cost supply & installation of LMO vessels and all associated works as mentioned in scope of works/ tender document. Price to be quoted in Indian rupees only.
Section III: General Instruction to Tenderers (GIT)

1. General Instructions:

   a. The work shall be executed as per latest international standards, as applicable. The additional specifications/conditions are to be read in conjunction with above. Nothing extra shall be paid on account of additional specifications and conditions, as the same are to be read along with schedule of quantities for the work.
   
   b. The tenderer should in his/her own Interest, visit and survey the site and get familiarize with the site/conditions before tendering.
   
   c. The tenderer shall bear all cost and expenditure incurred and/or to be incurred by it in connection with this tender including survey/visit of site/preparation, mailing and submission of its tender and for subsequent processing of the same. JN Medical College Hospital AMU, Aligarh will in no case responsible or liable for any such cost, expenditure etc. regardless of the conduct or outcome of the tendering process.
   
   d. Successful tenderer will be fully responsible for any accident or mishap involving workers engaged by him/her any claim made on this part will be paid by the successful tenderer. The successful tenderer shall indemnify the University from any claims arising out of accidents or mishaps, disability of any nature or death arising out of provisions under law or of any other nature in respect of all works engaged by successful tenderer.
   
   e. The language for all kind of documents/communications will be English or Hindi.

2. Tender documents

2.1 content of tender document: The tender document to be submitted includes:

   . Table -1
   . Section I-invitation for bidding
   . Section II- Qualification/ Eligibility criteria
   . Section III-General instruction to tenders (GIT)
   . Section IV- General Condition of Contract (GCC)
   . Annexure 1-Checklist
   . Annexure 2- Price schedule
   . Annexure 3- Undertaking for terms & Conditions
   . Annexure 4-Undertaking regarding Overall Maintenance
   . Annexure 5- Tender from
   . Annexure 6- Additional information
   . Annexure 7- Manufactures Authorization letter
   . Annexure 8- Bank Guarantee form for performance guarantee
   . Annexure 9- Specifications for required Size and Capacity of vessel and other
   . Annexure 10- financial information
   . Annexure 12- Non-Conviction certificate undertaking

2.2 The relevant details of the required installations & supply of liquid oxygen, terms & conditions and Procedure for tendering, evaluation, issue of contract, standard
formats used for this purpose etc. Are incorporated in the above said documents. Tenderers should read and examine all these terms & conditions before Preparation and Submission of their tenders.

3. **Amendments to the tender documents:** The Principal and CMS J.N. Medical College Hospital AMU, Aligarh may at any time prior to the deadline for submission of tender may, for any reason deemed to be unfit by any reason, modify the tender documents by issuing amendments.

4. **Tender currencies:** the price should be quoted in Indian rupees only inclusive of all taxes, levies and duties wherever applicable in price schedule, nothing will be paid extra.

5. **Tender prices:** renderer should quote there price in the price schedule format (cover 2-financial bid) as give under annexure-2.

6. **Validity of tenders**

   1. The tender will remain valid for 6 months from the date of opening (due date) of tenders.
   2. The principal and Chief Medical Superintendent J.N.M.C Hospital, AMU Aligarh reserves the right to extend the validity of tender beyond six months, is desired.

7. **Opening of Bids**

   8.1 pre-qualification/ technical bids are opened first. These bids shall be scrutinized and evaluated by the competent committee/ authority.

   8.2 Thereafter, financial bids of the technically acceptable offers shall be opened for further scrutiny and evaluation. Other financial bids will not be opened.

8. **Award of Contract:**
   
   Chief Medical Superintendent, J.N.M.C. Hospital, AMU, Aligarh reserves the right to accept or reject any tender without assigning any reason or to cancel the tendering process and reject all or some parts of tender at any time prior to award without incurring any liability whatsoever to the affected tenderer.

   **Award of criteria:**
   
   Chief Medical Superintendent, J.N.M.C, Hospital, AMU, Aligarh reserves the option of giving purchase/price preference to the offer from centre/ state government public sector undertaking in accordance with the policy of govt. Of India.

**PAYMENT AND ESCALATION OF PRICES:**
Payment for the supply of liquid oxygen shall be made to the successful bidder within 90 days of presentation of bills/invoice in duplicate. Bill/invoice shall be certified by an officer. Designated by JN Medical College Hospital AMU, Aligarh.

**Termination of Agreement:**

1. After giving opportunity of being heard of the successful tenderer, the university may terminate/cancel the agreement on the following grounds.
   A. Breach of any or all terms and conditions/instructions/clause of agreement.
   B. Non-performance or unsatisfactory performance of work.
   C. Documents or information furnished with tender is found forged or fabricated.

**Section IV: General Conditions of Contract (GCC)**

1. Validity of tender: it should be valid up to six months from the date of opening of tender.

2. The period of completion of works six months.

3. Successful tenderer has to supply the desired quantity of liquid oxygen as per the schedule which would be mentioned in the written order or may be intimated verbally through telephone from time to time as per our actual requirement.

4. Liquid oxygen will be supplied by the successful tenderer depending upon day to day demand of university.

5. The tenderer should have minimum audited annual turnover of 100 crore.

6. The successful tenderer should give an undertaking to always maintain the supply in large quantities of liquid oxygen in case of emergencies e.g. mass casualty, epidemic etc. Even during odd hours.

7. Each and every supply may be delivered between 8AM to 4PM.

8. In case the successful tenderer fails in fulfilling the obligations fully and in time, the university shall have the right to take up the work at the successful tenderer’s cost and risk and recover all such expenses from the amounts due to the successful tenderer.
10. All letters posted to The Successful Tenderer on the address given by him will be considered to have been delivered to him in time.

11. If it is observed at any stage that the supply of Liquid medical Oxygen is not satisfactory. The contract may be terminated. The Successful Tenderer will have no claims what so ever on the Hospital.

12. The Successful Tenderer shall be liable to pay compensation for any loss and damage caused to the property of the Hospital or the patient by Successful Tenderer or his workers.

13. While quoting the rate the Tenderer should certify that they have valid license for Mfg. /Testing of the product of the particular items vide Drug License No. ................. Dated ...................... which should be valid on the date of opening of tender.

14. Installation of the LIQUID MEDICAL OXYGEN TANK and filling of the LIQUID OXYGEN shall be done by Successful Tenderer.

15. The Successful Tenderer would be responsible for the yearly testing of the tank and will provide certificate of the same to the J.N.M.C. Hospital, AMU Aligarh.

16. Successful Tenderer will provide calibration chart of the tank i.e. Guage indicating water level inches Equivalent to cubic Meters the same should be mark on the tank also.

17. Successful Tenderer would be responsible for the painting of the tank every year.

18. The Successful Tenderer will ensure the exact quantity of LIQUID OXYGEN being supplied by proper measurement/Calibration of the tanker, which shall be arranged by him failing which the supply will be replaced by the Successful Tenderer at his own cost.

19. The Successful Tenderer would have to supply liquid oxygen in his own tanker.

20. LIQUID OXYGEN will only be received after grossly weighing the tanker at Dharam Kanta (Nearest of University) along with the receipt. The tanker will be sent again to the same Dharam Kanta on the same day after filling tank situated to obtain the tare weight and net weight of the LIQUID MEDICAL OXYGEN supplied to the Institute.

21. Respective person from the institute will visit the Dharam Kanta from time to time for inspection of the gross weight, tare weight and net weight of the LIQUID OXYGEN TANKER Successful Tenderer will provide necessary cooperation in this matter.

22. The tender will have to be submitted for each part separately in two separate covers one of which shall contain the technical requirement bid and shall be opened first. Only upon approval by the committee, the financial bid shall be opened for the final decision and possible negotiations.
23. The contractor/tenderer must comply with all relevant applicable standard/codes/acts/rules.
24. All medical gas pipeline works will be done as per NFPA/HTM/BIS/BS Specifications (as applicable).
25. Rates should be inclusive of all kinds of taxes, nothing will be paid extra.
26. All required civil, electrical and mechanical works related to operation, installation, commissioning, Maintenance of work as mentioned in the scope of work/ tender document, shall be done free of cost by agency/ contractor, nothing extra will be paid for it.
27. The taxes will be deducted by the hospital as per rules.
28. The contractor/agency shall complete the work within given time frame from the date of issue of the work order, if contractor fails to do so, appropriate penalty will be imposed as per the hospital rules and/or decided by the committee constituted by the hospital.
29. The contractor/agency shall repair/maintain all defects of the existing structure/system /building etc., occurred due to installation/commissioning of works.
30. The contractor/agency shall provide warranty against any designing/manufacturing/installation/commissioning defects for a period of 5 years from the date of completion.
31. The number and sizes of LMO vessels are tentative/approximate, the agency/contractor are required to accesses/design/proportionate the whole system of LMO depending on the requirements of different wards/units.
32. The bidder should have a directly/indirectly one work order of supply of liquid medical oxygen and installation of LMO vessel.
33. The contractor should have solvency certificate of atleast 30 lakh from banker.
34. This contract is subjected to the jurisdiction of Aligarh court only.
35. In case of any dispute including quality and performance the decision of principal and CMS Medical College Hospital AMU, Aligarh shall be final and binding on both parties.
36. The hospital will have the right to reject/cancel all or any of the tender without assigning any reason.
37. In case the successful tenderer fails to supply the gas by the date of supply order, university will levy a penalty as under

   a- After 24 hours up to 48 hours@1% of the value of the actual supply.
   b- After 48 hours @ 2% per day up to 10% of the value of the actual supply.
38. The delivery of the goods shall have been deemed to have taken place on delivery of the goods in accordance with the term of the contract, after approval by the inspecting officer if so provided in the contract.

40. Minimum 40% of stock level to be maintained in the installed capacity to avoid emergency situation & for the same supplier should install suitable monitoring & alarming devices.
Annexure-1
Check list for Eligibility Criteria
(To be submitted on the letter head of the bidder)

<table>
<thead>
<tr>
<th>S.No</th>
<th>Required Document</th>
<th>Yes/No</th>
<th>Total no. of pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tender form (Annexure-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Original EMD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Income Tax Return (ITR)for the assessment year 2014-15 and copy of PAN card</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Undertaking for terms &amp; conditions of this tender – to be submitted in the format give at Annexure-3 on non-judicial stamp paper of Rs.100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Undertaking for Overall maintenance – to be submitted in the format give at Annexure-4 non-judicial stamp paper of Rs.100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Manufacturer's Authorization Letter, if any, to be submitted as per Annexure-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Manufacturer's letter to sign and submit the tender as prescribed format as per Annexure-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Performance report of the works completed during the last two years. Annexure-11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Certificates, indicating annual turnover for the preceding two consecutive financial year's i.e. For 2013-14 &amp; 2014-15 &amp; duly audited and certified by approved Chartered Accountant. Annexure-10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>An affidavit duly certified by a Notary that the firm/company has never been convicted by Hon'ble court of Low or any other competent authority as per Annexure-12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Valid copy of Explosive Department certificate issued form competent Authority</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Valid copy of drug License issued from competent Authority</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Any other document</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

These documents must be submitted strictly in serial number wise only.

. Whether all required document are submitted: Yes/No............................

. Whether all document submitted are in order: yes/no....................

[Signature with date, name and designation]

for and on behalf of M/S...........................................................................

[Name & address & seal of the Tenderer]
## PRICE SCHEDULE

<table>
<thead>
<tr>
<th>S.N o</th>
<th>Name of item(s)</th>
<th>Unit price (Rs./Cubic meter of LMO)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Liquid Medical Oxygen</td>
<td></td>
</tr>
</tbody>
</table>

1. The rate should be inclusive of every cost/expenditures/taxes/insurance/transport etc.
2. Tender quoting the price like "Tax Included /Inclusive of Tax/Tax Paid" etc are not acceptable.
3. The rates should be quoted in the unit on the basis of which the bills will be generated /submitted to the J.N.M.C Hospital AMU, Aligarh.
Undertaking

(To be submitted non-judicial stamp paper of Rs. 100/-)

Tender Notice No.

Sir,

I/We hereby declare that:-

1. I/We am are the manufacturer of the liquid medical oxygen gas required as per the above mentioned NIT.

2. I/We have carefully read and understood the tender document and all terms & conditions /instructions elaborate in various section of this tender and I/We shall abide by them.

3. I/We do accept /agree for all the clauses including the maintenance of vessels at site, including other allied activities/services /pipelines etc. upto manifolds of user departments. We do also accept entire responsibility for supply of medical oxygen in good condition to the University in all circumstances.

4. I/We agree to abide by my /our offer for a period of six months from the date of opening of the tender.

5. I/We have necessary infrastructure for supply, maintenance & repair of the works mentioned in the tender and provide comprehensive maintenance without any charge and keep the whole system of LMO in good condition and functional.

6. I/We also declare that in case of change of manufacturer (due to any reason/s) or for any other change ,merger, dissolution, solvency, etc. in the organization/manufacturer, we would take care of the Guarantee /Warranty / Maintenance & repair of the LMO vessel including all works mentioned in this tender.

..............................................................

[Signature with date, name and designation]

For and on behalf of

M/s..............................................................

..............................................................

[tenderer]

[Name & address & seal of the tenderer]
Undertaking related to Overall Maintenance

(To be submitted on non-judicial stamp paper of Rs.100/-)

Tender Notice No.__________________

1. I/We am are manufactures of the liquid medical oxygen gas required as per the above mentioned NIT , hereby confirm that I/We have the requisite infrastructure and trained technical manpower to provide satisfactory after sales service (repair & maintenance )of the all works under this contract.

2. Our manufacturing units/plants are located at (Indian Center) __________________________(Complete address with telephone no's., e-mail ids etc.)

3. Our local service facility/centers____________________________ are located at________________________ if (any).

4. Name of the person (s) responsible for maintenance of the above said facilities with address and telephone number and email id __________________________ .

5. I/We further confirm that above said manufacturing units/plants /local service facility has the capacity & capability to provide after sale service throughout the contract period.

6. I/We agree to provide the required accessories /spares as and when required, for five years from the date of complete installation & commissioning of the said work/project.

[Signature with date, name designation] For and on behalf of

M/s.__________________________________________

[Name & address & seal of the Tenderer]
Tender Form

(Tenderers should submit the 'tender Form' on letter head as per the format given below)

Date

To

Ref:  Your Tender document
No.............................................. dated.....................................

We, the undersigned have examined the above mentioned tender enquiry document, including amendment No.................., dated.................. (if any), the receipt of which is hereby confirmed. We now offer to supply, install, commission, maintain & repair of the works as mentioned in scope of works and in conformity with your above referred tender document.

If our tender is accepted, we undertake to supply the Liquid medical oxygen gas and perform the services in accordance with the terms & conditions elaborated in the tender document.

We further confirm that, if our tender is accepted we shall provide you with performance security of required amount in an acceptable form in terms of this tender for due performance of the contract.

We agree to keep our tender valid for acceptance for a period up to six months, as required in this tender.

We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

Dated this __________________ day of ________________

Yours faithfully,

[Signature with date, name designation]

For and on behalf of M/s.................................................................

[Name & address & seal of the Tenderer]
Additional information  
(To be submitted on the Letter Head)

Tender Notice No.  
1. Name, Address, Telephone nos., & e-mail Id of the Tenderer/contractor/Manufacturer/Authorized Supplier:  
2. Station of tender / Contractor / Manufacturer / Authorized Supplier:  
3. Name, Address, Telephone nos., & e-mail ID of local service station:  
5. Name, address, Telephone nos. & e-mail ID of your Bankers:  
6. Details of LMO vessel/work Quality Control (QC Test report etc.) etc.:  
7. Business Name and constitution of the tender / Contractor / Manufacturer. The firm/company is registered under:  
   (i) The Indian Companies Act 1956  
   (ii) The Indian Partnership Act 1932  
   (iii) Any Other Act, Please give full details like Name, Address telephone nos. & e-mail ID etc. of the registering authority  
8. Whether you possess the requisite license for manufacturer/supply of the liquid medical oxygen and/or for the procurement for raw materials belonging to any controlled category required for the manufacture of the required LMO vessels/store? In the absence of any reply it would be assured that it has the requisite license.  

Yours faithfully,  

[Signature with date, name designation]  

For and on behalf of  

M/s.  

[Name & address & seal of the Tenderer]
Manufacture's Letter
(To be submitted on the manufacture's letterhead)

Yours faithfully,

.............................................. [Signature with date, 
name designation]

for and on behalf of M/s..........................................................

[Name & address & seal of the Manufacturer]
Bank Guarantee Form for Performance Security (in Indian Rupees only)

Branch or Office: [insert: Bank’s Name and address of Issuing Branch or Office]
Beneficiary: [insert: Name and Address of the Beneficiary]
Dept.: ____________________________
Date: ____________________________
PERFORMANCE GUARANTEE No.: ____________________________

WHEREAS, .................................................................
(name and address of the contractor) (hereinafter called "the contractor") has
undertaken, in pursuance of contract no. ............................................ dated
................................................ to supply, installation, commissioning etc.(description of
LMO vessel vessel/Work goods and services) (herein after called "the contract").

AND WHEREAS it has been stipulated by you in the contract that the contractor shall
furnish you with a Bank guarantee by a scheduled Nationalized commercial bank
recognized by you for the sum specified therein as security for compliance with its
obligations in accordance with the contract;
AND WHEREAS we have agreed to give the contractor such a bank guarantee;
NOW THEREFORE we hereby affirm that we are guarantors and responsible to you
on behalf of the contractor, up to a total of ...........................................(amount of the guarantee in words
and figure), and we undertake to pay you, upon your first written demand declaring
the contractor to be in default under the contract and without cavil or argument, any
sum or sums within the limits of (amount of guarantee) as aforesaid, without your
needing to prove or to show grounds or reasons for your demand or the sum
specified therein.

We hereby waive the necessity of your demanding the said debt from the contractor
before presenting us with the demand. We further agree that no change or addition to
or other modification of the terms of the contract to be performed there under or of
any of the contract document which may be made between you and the contractor
shall in any way release us from any liability under this guarantee and we hereby
waive notice of any such change, addition or modification.

We undertake to pay the Finance Officer AMU, Aligarh up to the above amount upon
receipt of its first written demand.

(Signature of the authorized officer of the Bank)
Tender Specifications for Liquid Medical Oxygen

1. The firm quoting for tender should a manufacturer of Liquid Medical Oxygen (LMO) through Air Liquefaction process.

2. Firm quoting for LMO should have a valid drug license & should be following testing process as per Indian Pharmacopeia IP – 2010.

3. The firm quoting for gases need to quote for Liquid Medical Oxygen (Net Price).

4. Firm quoting for the tender should ensure own production facilities for Nitrous Oxide as well.

5. Medical Gases should be supplied as per IP 2010 standards.

6. ISO/WHO License or other equivalent quality certificate for manufacturing of gases should be provided by the vendor.

7. The firm has to provide list of Hospitals for more than 500 beds where they are supplying the gases. The performance certificate on the user’s letterhead should be provided along with the copies of order received from them. Firms supplying in at least 3 hospitals with more than 200 beds in Uttar Pradesh would get a preference as a supplier.

8. Firm quoting for Liquid Medical Oxygen should have minimum audited annual turnover of INR 500 Crore

9. The firm quoting should ensure connectivity with manifolds from the site of Installation of LMO tanks. Firm should satisfy the proper and adequate supply of concerned oxygen outlet.

10. Supplying firm would be responsible for Testing of Safety Valves, vessels & other equipments, installed by them.

11. Minimum 40% of stock level to be maintained in the installed capacity to avoid emergency situation & for the same supplier should install suitable monitoring & alarming devices.

12. Supplier should be supplying to minimum 5 Hospitals in India & valid certificate for performance from any one of them to be produced.

13. Shall be a reputed firm with an experience of five years with their own, manufacture, Maintenance & transport of Liquid Medical Oxygen.

14. The firm should provide documentary evidence regarding the following.
   a. Having multi-manufacturing unit & may not be dependent on one unit only.
   b. Total production capacity of gases per day in tons (200 tons per day approx)
   c. Total storage capacity of gases at different units.
   d. Total no. of Liquid Oxygen transport tank.
e. the infrastructure regarding quality control and analysis facilities to test the composition of gas as per IP standards.

15. Supplier should provide safety features in line with global safety standards as a part of the installation. Following safety devices to be added with the system:
   Minimum safety features for LMO installation required **Alarm System as per AS-2896 (Aus)**
   Or **HTM-02-01 (NZ)**
   
   A. Alarm VIE (Vacuum Isolated Evaporator)
   
   I. Low content or low level of storage indication (Audio-Visual)
   
   II. Low pressure alarm (Audio-Visual)

   B. Low pressure alarm in downstream of pipe line system (Audio-Visual)

   C. Pressure regulating: Dual parallel regulation system for uninterrupted supply in case of regulator has to change for repair. One regulator is set at 4.2 bar and other at 3.8 bar as per international practice.

   D. Three ways gauge valve for isolation of line Pressure & with Manual Maneuvering.

   E. Telemetry system: For continuous monitoring of liquid level in the storage vessels from a centre location anywhere in India.

   F. Continuous monitoring of vehicle movement. For rescheduling filling in case of any mechanical failure of vehicle.

16. Vessel maintenance should be with Supplier & Health of the vessel to be maintained by the supplier itself, bidders are required to confirm evaporation losses to be less than 1%, any deviation to be highlighted in the technical bid.

17. Installation of vessels should commence within 60 days of placement of confirmed order by the hospital. Meanwhile successfully tenderer would complete the Civil, Electrical & Mechanical work at the site.

18. Obtaining required licence & commissioning of the vessels would be supplier’s responsibility.

19. Date of first filling of liquid Medical Oxygen shall be considered as the start of supply & contract tenure of five years would be referred from that particular date only.

20. Following specification of LMO, storage vessels, vaporizer and regulator to be followed.

A- Liquid Medical Oxygen:-As per Indian pharmacopoeia 2010.
   
   a- Should be certified for medical use as per IP 2010.

   b- Should not contain less than 99.6% V/V of Oxygen.

   c- Should not contain more than 5ppm carbon monoxide.

   d- Should not contain more than 30ppm carbon dioxide.

   e- Should be free of halogen.

   f- Should be free of moisture.

B- Storage Vessel.

   i- Vacuum insulated tank (VIE) with perlite should consist of an inner vessel made of stainless Steel, designed for a positive pressure at cryogenic.
Temperature and an outer vessel made out of carbon steel design for vacuum.
The inner vessel should be supported on the other vessel. The inner space is filled
with suitable material to sustain cryogenic temperature & vacuum.

II. The vessel to support with various valve devices, inbuilt vaporizers. Vaporizers liquid
level gauge on the front side should at easy readable height. Both gauges are to be duly
calibrated & all necessary calibration as per requirement will be done by supplier from
time to time.

21. Hospital staff to be trained for day to day monitoring, operation and emergency
with no financial liability of hospital.

22. All civil work required for installation in the scope of the hospital.

23. The contract will be valid for five years, however the contract will be renewed on
the yearly basis based on the satisfactory performance.

24. There should be provision of monitoring daily consumption.

25. Payment term would be 90 days from the date of supply of Liquid Medical Oxygen.

Note: all the above special points are mandatory and the bids of those firms not
complying with any of the above parameters shall be summarily rejected and no
correspondence will be entertained in this regard.
**FINANCIAL INFORMATION**

1. Financial Analysis details submitted by the bidder to the Income Tax Department/ Sale Tax Department or equivalent Competent Authority in the following Perfroma.

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<tr>
<td>(i)</td>
<td>Annual Turnover</td>
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<td>(ii)</td>
<td>Profit / loss</td>
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2. The following certificate shall also enclose:
   "Annual turn Over for last year's duly certified by approved Charted Accountant or Equivalent competent Authority"

Signature of Applicant(s)
PERFORMANCE REPORT OF THE WORKS REFERRED TO IN
Annexure"11"

(1) Name of firm
(2) (i) Name of work / project & location
(ii) Name of client / Hospital
(3) Agreement Number
(4) Completion Cost
(5) Date of start
(6) Date of actual completion
(7) Performance Report-
   (Quality of work)
(8) The details of installation of liquid oxygen tank should be clearly given
   or complete schedule be enclosed

To be signed by the competent authority

Note: The hospital shall be at liberty to verify the details submitted by the applicant.