

King George Medical University

U.P, Lucknow-226003

TENDER DOCUMENT

Tender for supply of Liquid Medical Oxygen

E- Tender No.16/Notice/E.E(E/M)/20

Date:22.08.2020

1. Notice Inviting Tender(NIT)

On Behalf of the Hon'ble Vice Chancellor, King George's Medical University UP, Lucknow 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 exile specialized Original gas Manufactures (OGMS) having experience to the successfully completed similar works during the last three years reckoned backward with reference the the last date of bid submission. It is proposed to install LMO vessels at four locations, the details of proposed LMO vessel locations, user Department and approximate consumption of oxygen are given in Table-1.

Table-1:- Proposed locations of LMO vessels and manifold of user department to be connected through LMO vessels.

S.No	Proposed locations and size of LMO vessel	Users Department
1.	Location:- In between R.A.L.C Campus Department Vessel Size & Nos- 20KL(20,000 Ltr.)(New Installation LMO)	Oxygen Supply in entire R.A.L.C Campus KGMU, UP Lucknow.

Scope of Work:

The vessels of LMO are installed/to be installed at different locations of King George's Medical University UP, Lucknow as mentioned in table-1 the scope of work shall include:-

1. Supply, installation, testing, commissioning of LMO vessels, along with all accessories and obtaining Central Explosives License/other licenses 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 University.
3. Supply of LMO and allied activities/services for 5 Years.
4. Conversion of existing centralized compressed Medical (oxygen) Gas pipeline system to Liquid Medical Oxygen system at the Locations mentioned in table-1. The contractor/firm have to connect oxygen manifolds of user departments from LMO vessel through copper pipes of appropriate sizes, free of cost.
5. All associated, supply, construction/ fabrication, maintenance works of mechanical, electrical etc. Shall be done by firm/contractor itself, nothing extra will be paid by the university.
6. Primary civil work will be in the scope of the University.
7. 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 departments
8. Comprehensive operation and maintenance of the whole system of LMO and accessories up the existing manifolds of user departments as mentioned in table-1
9. The firm/contractor has to quote for Liquid Medical Oxygen (Net Price) Per KG only.
10. The bidders are required to have survey of the proposed sites of king George's Medical University UP, Lucknow before preparation and submission of tenders.

Section II: Qualification/Eligibility Criteria and preparation of Tenders

Tenderers should submit tender in the following two Covers:-

(A) Prequalification/ technical bid Cover (Cover-1)

(B) Financial bid cover(cover-2)

(A) Prequalification/ technical bid Cover shall include the following:-

1. Bidder should Have successfully completed similar work in a hospital of 750 beds or more during the last three years reckoned backward with reference to the last date of bid submission. (annexure 11& 12)
2. Bidder should have provide a certificate as per Annexure 11, indicating annual turnover of at least Rs 200 crore or more per year during preceding three consecutive financial years i.e for 2017-18, 2018-19 and 2019-20, duly audited and certified by approved chartered accountant.
3. Original EMD to be submitted along with technical bid in form of FDR and in favor of finance officer, King George's Medical University UP, Lucknow.
4. The Contractor should have solvency certificate at least 1 crore from banker.
5. Original copy of Two undertaking on –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 comprehensive 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.
6. The Tenderer should be either a manufacturer of LMO. Certificate to be submitted as per Annexure-7.
7. Tender Form as per Annexure-5 on the letter head.
8. Central Sales Tax/state Sales tax (VAT)/GST registration number with attested photocopies of registration certificate.
9. A Copy Sales Tax/Commercial Tax Registration Certificate duly attested by a gazette officer. Should also be enclosed.
10. Trade Tax, Commercial Tax clearance certificate to be submitted along with copy of PAN and acknowledgement for filing latest Income Tax Return.
11. An notarized affidavit on non-Judicial Stamp, that the tenderers has 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.
12. Tenderers should also submit technical literature, brochures and other document in support of suitability of the goods quoted by them.
13. The successful Tenderer selected for supplying Liquid Oxygen has to install the storage tank of required standard having required capacity in premises of university at their own cost and obtain the license from chief controller of explosives. (Competent Authority of India)
14. Valid copy of drug License certificate, issued by competent Authority with date of expiry.
15. Additional information as per Annexure-6

16. Tenderer who does not fulfill any of the above requirement/Technical requirement and/or gives evasive information shall be liable to be ignored and rejected.
17. Tenderer Should furnish a list of successful installation & commission executed by them for similar installation & supply, preferably from Govt. Hospital/institution in India , in the last three years reckoned backward with reference to the last date of bid submission.

(B) Financial Bid Cover(Cover-2)

- 1- Tenderers must survey the sites and asses the all kind of works involved including supply of liquid medical oxygen for a period of five years and quote their prices schedule format (cover-2 financial bid) as give under Annexure-2.
- 2- Tenders 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 Instruction:

- 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 of work.
- b. The tenderers should in his /her own interest ,visit and survey the site and get familiarize with the site/conditions before tendering.
- c. The tenderers 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 . King George's Medical University U.P Lucknow will in no case responsible of liable for any such cost, expenditure etc. regardless of the concoct or outcome of the tendering process.
- d. Successful tenderer will be fully responsible for any accident or mishap involving warders engaged by him/ her any claim made on this part will be paid by the successful tenderer. The successful tenderers shall indemnify the University from any claims arising out of accident or mishaps, disability of any nature or death arising out of provisions under law or of any other nature on respect of all works engaged by successful tenderer.
- e. The language for all kind of document/ communications will be English or Hindi.

2- Tender Document

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- Specification for required size and capacity of vessel and other**
- . **Annexure 10- financial information**
- . **Annexure 11- Detail of all works of similar Class completed during the last three years reckoned backward with reference to the last date of bid submission.**
- . **Annexure 12- Performance report of works referred to in Annexure-11**
- . **Annexure 13- Non- Convocation certificate undertaking.**

2.2 The relevant detail 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 document. Tenderers should read and examine all these terms & Conditions before preparation and submission of their tenders.

3. Amendments to the tender documents: the Hon'ble Vice-chancellor King George's Medical University U.P Lucknow, 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 Price+Tax or GST, levies and duties wherever applicable in price schedule, nothing will be paid extra.

5. Tender prices: Tenderers should quote their prices in the price schedule format(Cover 2- Financial bid) as given under Annexure-2.

6. Earnest money deposit (EMD in Indian Rupees Only-refundable)

6.1 Tenderer should submit original EMD of Rs. 8,00,000.00(Eight Lakhs) along with Technical Bid.

6.2 EMD should be furnished in the form of FDR from any Indian nationalized bank. EMD should be prepared in Favor of "**Finance officer, King George's Medical University U.P Lucknow 226003.**"

6.3 EMD Should be Valid for a period of six months from the date opening of tenders. No interest shall be given on the Earnest Money Deposit.

6.4 EMD of unsuccessful tender will be returned after issue of notification of award of contract.

6.5 EMD will be forfeited incase the Tender withdraws its tender within the period of validity of Tender.

6.6 EMD will be forfeited in case the successful tender fails to furnish the required performance security as per tender document.

7. Validity of Tenders

7.1 the Tender will remain valid for 6 months from the date of opening(due date) of tenders.

7.2 The vice-chancellor King George's Medical University U.P Lucknow 226003, reserves the right to extend the Validity of tender beyond six months, if desired.

8. Opening of Bids

8.1 Authorized representative of the tenderer, who have submitted tender in time, may attend the tender opening process, provided they bring authority letter from the concerned tenderers.

8.2 Pre-qualification/technical bids are opened first. These bids shall be scrutinized and evaluated by the competent committee/ Authority.

8.3 there after, financial bids of the technically acceptable offers shall be opened for further scrutiny and evaluation. Other Financial bids will not be opened.

9. Award of Contract

King George's Medical University U.P Lucknow, 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 tenders at any time prior to award without incurring any liability whatsoever to the affected tenderer.

Award criteria

King George's Medical University U.P Lucknow, will notify the successful tenders that its tender for installation& supply of Liquid Oxygen has been accepted.

The Successful tenderer must furnish the performance security 25.00 (Twenty Five Lakh) within 15 days from the date of notification of award as per section-iv.

Non-receipt of performance security

Failure of the successful tenderer in providing performance security within 15 days of receipt of notification of award shall make the tender liable for forfeited of its LMO.

PAYMENT AND ESCALATION OF PRICES:-

Payment for the supply of liquid oxygen shall be made to the successful bidder within 45 days of presentation of bills/invoice in duplicate. Bill/invoice shall be certified by Electrical/mechanical Engineering Department.

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 condition/Instruction/clauses of Agreement.
 - B. Non- performance or unsatisfactory Performance of work.
 - C. Documents or information furnished with tender is found forged or fabricated.
2. Not with standing to any provision of the agreement, if the agreement is terminated by the university and the hospital has to award the work to other party on higher rate, the successful tenderer has to compensate the difference of cost for entire remaining period of Agreement to the university.

Section IV: General conditions of Contract(GCC)

1. Tender document may be downloaded from our University website www.kgmcindia.edu. But the tender fee Rs. 5000.00+GST in form of D.D drawn on any scheduled bank, in favour of finance officer K.G.M.U U.P Lucknow payable at Lucknow will necessarily to be attached with technical bid otherwise tender will be rejected. This amount will be non refundable.
2. Validity of Tender: it should be valid up to six months from the date of opening of Tender.
3. The period of completion of works six months.
4. The tender has to quote for Liquid Oxygen(net. Price) Per Kg. the quantity of net weight(in kg) will be converted into Cu M with the following formula.
$$01 \text{ kg} \times 0.77 = \text{CuM}$$
5. 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 into time as per our actual requirement.
6. Liquid oxygen will be supplied by the successful Tenderer depending upon day to day demand of University.
7. The Tenderer should have minimum audited annual turnover of 200 crore.
8. The successful Tenderer having supply order of Liquid oxygen shall make sure the availability of liquid oxygen to supply it through center pipe line system without any interruption any failure shall be the responsibility of the successful tenderer. The successful tenderer should also make sure the availability of 'D' type filled oxygen cylinder in adequate number, so that in case of crisis central supply of oxygen can maintained till the liquid oxygen is supplied by successful Tenderer. The payment oxygen gas supplied through cylinders will be made on the same rate as of liquid oxygen.

9. The successful tenderer should give an undertaking to be always maintained the supply in large quantities of liquid Oxygen in case of emergencies e.g mass casualty, epidemics etc. even during odd hours.
10. Each and every supply may be delivered between office hours only Monday to Friday 09:30 am to 05:00 Pm on Saturday 09:30 am to 01:00 Pm. In case of delayed supply or extra emergency demand, supply will be received with the consent of institute authorities.
11. The successful Tenderer should have or open a current/saving bank account with any nationalization bank in lucknow with in a week time and intimate the no. to the finance Department. Nodal Department and contract cell of the University.
12. In case the Successful Tenderer fails in fulfilling the obligation fully and in time, the University shall have the absolute right to take up the work at the successful tenderer's cost risk and recover all such expenses from the amounts due to the Successful Tenderer including their security deposit.
13. All letters posted to the successful tenderer on the address given by him will be considered to have been delivered to him in time.
14. If it is observed at any stage that the supply of Liquid medical Oxygen is not satisfactory. The contract may be terminated and the security deposit may also be forfeited. The successful tenderer will have no claims what so ever on the university.
15. The successful Tenderer shall be liable to pay compensation for any loss and damage caused to the property of the university or the patient by successful Tenderer or his workers.
16. 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----- date-----which should be valid on the date of opening of tender.
17. Installation of the LIQUID MEDICAL OXYGEN TANK and filling of the LIQUID OXYGEN shall be done by successful tenderer.
18. The successful tenderer would be responsible for the yearly testing of the tank and will provide certificate of the same to the university.
19. Successful tenderer will provide calibration chart of the tank i.e. gage indicating water level inches equivalent to cubic meters the same should be market on the tank also.
20. Successful tenderer would be responsible for the panting of the tank every year.
21. 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 falling which the supply will be replaced by the successful tenderer at his own cost.
22. The successful tenderer would have to supply liquid oxygen in his Own tanker.

23. LIQUID OXYGEN will only be received after being gross weight of the tanker at dharma kanta (nearest of University) along with the receipt. The tanker will be sent again to the same dharma 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.
24. Respective person from the institute will visit the dharma 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 matter.
25. 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.
26. The contractor/tenderer must comply with all relevant applicable standards/codes/acts/rules.
27. All Medical gas pipeline works will be done as per NFPA/HTM/BIS/BS Specification (as applicable).
28. Rates should be inclusive of all kind of taxes, nothing will be paid extra.
29. All required 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.
30. The taxes will be deducted by the university as per rule.
31. 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 University.
32. The contractor/agency shall repair/maintain all defects of the existing structure/system/building etc., occurred due to installation/commissioning of works.
33. The contractor/agency shall Provide warranty against any designing/manufacturing/installation/commissioning defects for a period of 5 years from the date of complete.
34. The number and sizes of LMO vessels are tentative/approximate, the agency/contractor are required to assess/design/proportionate the whole system of LMO depending on the requirements of different department to be connected.
35. The contractor should have a minimum average annual turnover of 200 crore for last three financial Years and never incurred any loss in the balance sheet of last three year ending 31st March 2020.

36. The bidder should have a directly/indirectly one work order of supply of Liquid Medical Oxygen and installation of LMO vessel in minimum 750 bedded government Hospital Govt./semi Govt. Hospital.
37. The Contractor should have solvency certificate of at least 01 crore from banker.
38. This contract is subjected to the Jurisdiction of Lucknow Court only.
39. In case of any dispute including quality and performance the decision of the vice-chancellor K.G, Medical University U.P Lucknow shall be final and binding on Both parties.
40. The University will have the right to reject/cancel all or any of the tender without assigning any reason.
41. 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.
42. The delivery of the goods shall have been deemed to taken place on delivery of the goods in accordance with the terms of the contract, after approval by the inspecting officer if so provided in the Contract.
43. Executive Engineer(E/M) reserves the right to select different or same vendors for LMO. However, selection of vendor/ranking will be done on the basis of Net rate(which are inclusive of all installation, rental, transportation, testing, Maintenance etc. Charges) of Liquid medical oxygen only.
44. 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.

SECURITY DEPOSIT:-

25 Lakh Security Money shall be deposited by the successful tenderer in the form of bank Guarantee/FDR of any nationalized bank in favour of Finance officer King George's Medical University U.P Lucknow for a period- of 66 months with in 15(fifteen) days from the date of award of bid by the university. The university shall be entitled to claim. adjust any due amount from the said security deposit.

Note:-

1. The interested bidders are requested to visit the site of proposed works to check the actual position and for accurate proposal planning.
2. They are requested to coordinate this visit with the Mechanical Engineering section of the University and concerned head of the User Department, King George's Medical University U.P Luckn
- 3.

Annexure-1

**Check-List for Eligibility Criteria
(To be submitted on the letter head of the bidder)
Prequalification bid Cover/Technical Bid Cover(1)**

S.no	Required Document	Yes/No	Total no of Pages
1.	Tender form(Annexure-5_		
2.	Original EMD		
3.	Income Tax Return(ITR) for the assessment Year 2019-20 and copy of PAN Card		
4.	Undertaking for terms & Conditions of this Tender-to be submitted in the format give at annexure-3 on non-judicial stamp paper of Rs. 100		
5.	Undertaking for Overall maintenance-to be submitted in the format give at annexure-4 on non-judicial stamp paper of Rs. 100		
6.	Manufacture's Authorization Letter, if any, to be submitted as per annexure-7		
7.	Bidder should have successfully completed similar work in a hospital having bed strength of 750 beds or more during the last three years reckoned backward with reference to the last date of bid submission. Annexure-11		
8.	Manufacture's letter to sign and submit the tender as prescribed format as per annexure-7		
9.	Performance report of the works completed during the last three years. Annexure-12		
10.	Certificates, indicating annual turnover for the preceding three consecutive financial Year's i.e. for 2017-18, 2018-19 & 2019-20 duly audited and certified by approved chartered accountant. Annexure-10		
11.	An affidavit duly certified by Notary that the firm/company has never been convicted by Hon'ble court of Law or any competent authority as per Annexure-13		
12.	Valid copy of Explosive Department Certificate issued from competent Authority		
13.	Valid Copy of drug License issued from competent authority		
14.	Any other document		

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

. whether all required document are submitted: Yes/No-----

. whether all document are submitted: Yes/No-----

[signature with date, name and designation]

For and on behalf of M/S-----

[Name & address & seal of the Tenderer}

Undertaking

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

E- Tender No.16/Notice/E.E(E/M)/20

Date:22.08.2020

sir,

I/We-----hereby declare that:-

1. I/We am are the manufacture 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/instruction 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. up to manifolds of user departments. We do also accept entire responsibility for supply of medical Oxygen in good condition to the University in all 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 reasons) or for any other change, merger, dissolution, solvency, etc. in the organization/manufactuter, 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-----

[Name & address & seal of the Tenderer]

Undertaking

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

1. E- Tender No.16/Notice/E.E(E/M)/

Date:22.08.2020

2. I/We am are the manufacture 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.
3. Our manufacturing units/Plants are located at (Indian Center)------(Complete address with telephone no's., e-mail ids etc.
4. Our lical service facility/centers(Lucknow/Kanpur/Uttar Pradesh) are located at-----if(any).
5. Name of the person(s) responsible for maintenance of the above said facilities with address and telephone number and email id.-----
6. 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.
7. 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 and designation]

For and on behalf of M/S-----

[Name & address & seal of the Tenderer}

Tender Form

(Tenderers should be 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 format contract is executed, this tender read with your written acceptance there of within the aforesaid period constitute a binding contract between us.

dated this-----day of-----

Yours Faithfully,

[signature with date, name and designation]

For and on behalf of M/S-----

[Name & address & seal of the Tenderer}

Additional Information

(to be submitted on the Letter Head)

E- Tender No.16/Notice/E.E(E/M)/20

Date:22.08.2020

1. Name, Address, Telephone Nos, & E-mail Id of the Tenderer/Contractor/Manufacturer/Authorized Supplier:
2. station of Tenderer/Contractor/Manufacturer/Authorized Supplier:
3. Name, Address, Telephone Nos e-mail ID of Local (Lucknow/Kanpur/Uttar Pradesh) service station:
4. PAN Card No.
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 Tenderer/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 and designation]

For and on behalf of M/S-----

[Name & address & seal of the Tenderer]

Manufacture's Letter

(to be submitted on the Manufacture's Letter Head)

Yours Faithfully,

[signature with date, name and designation]

For and on behalf of M/S-----

[Name & address & seal of the Tenderer]

Bank Guarantee form for Performance Security (in Indian Rupees Only)

------(inset: Bank's Name and address of Issuing Branch or office)

Beneficiary:------(Inset: Name and address of the Dept.)

date-----

PERFORMANCE GUARANTEE No:-----

WHEREAS----- (Name and address of the contractor)(hereinafter called " contractor") has undertaken, in pursuance of contract no-----
-----dated-----to supply, Installation, commissioning etc.(description of LMO vessel /work goods and services)(here in 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 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 undertake to pay you, upon your first written demand declaring the contractor to be in default under the contract and without civil or agreement, any sum 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 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, King George's Medical University U.P Lucknow up to the above amount upon receipt of its first written demand.

(Signature of the authorized officer of the Bank)

SPECIFICATION

1. the firm must be manufacture of Liquid Oxygen Medical gases i.e Medical Oxygen IP Valid manufacturing license issued from the drug controller. (Attested copies of the Licenses must accompany the tender)
2. the Firm should have more than two manufacturing unit in india. (Attested copies of the Licenses must be attached with the technical bid)
3. the firm should have valid license for storage, filling and cylinder testing license issued by the CCE Nagpur/competent authority. (Attested copies of the Licenses must accompany the tender)
4. the firm should take responsibility of routing checking/testing of all cylinder/Vessels For LMO before filling.
5. the firm having infrastructure for manufacturing/filling and testing with good track record of medical gases in Lucknow/Kanpur/Uttar Pradesh/North India.
6. the Firm should have in house facility for testing of gases. the should have full time chemist to operate the laboratory.
7. the supply of Liquid medical Oxygen gases should be available round the clock as and when required.
8. the firm is bound to submit the test report along with each supply.
9. the vessel should have double wall, vacuum insulated made up for storage of liquid oxygen only.
10. should be made up of stainless steel/carbon steel, vertical in design.
11. should have capacity to accommodate not less then as mentioned in table. 1 of this tender document, Liquid oxygen
12. the vaporizer coil shall meet the following requirements:
 - a. Maximum operating pressure:17 kg/sq.cm
 - b. inlet temp:- 196 to 40 Deg.C.
13. two safety valves double relief valves and two burst disks (option) arranged in parallel to prevent inner vessel from over pressure and 2 burst for protecting the outer vessel.
14. one safety device on outer vessel to protect outer vessel form over pressure, in case there is a leakage in the inner vessel piping.
15. Liquid level gauge for showing the liquid medical oxygen level the vessel.
16. the firm should have best operational practice and should provide feature as per global safety standards.
17. all safety features e.g., pressure relief valves should be available.
18. should have pressure regulator and pressure gauge.
19. provision to assess the level of liquid Oxygen is must.

20. it should be installed with adequate number of vaporizers.
21. must be designed in accordance with relevant international norms.
22. the entire unit/project should be provided and installed by the firm free of cost. it will be used to store/supply liquid medical oxygen supplied by the same firm. the LMO vessel installed by the firm will be the property of the firm and shall be returned to the firm when supply contract is over. however, other works done by the firms e.g copper pipeline work to connect the manifolds of different user departments from LMO Vessel and other civil, Mechanical, Electrical works shall be property of the University.
23. the maintenance for proper functioning of the LMO vessel and other works as mentioned in tender document shall be the entire responsibility of the firm.
24. the contract will be valid for five Years form the date of finalization of the tender and same may be extended by the university Authority on mutual agreement.

MEDICAL OXYGEN SPECIFICATIONS

1. Liquid Medical Oxygen(LMO)

- . Detailed Technical specification for LMO
- . should be certified for Medical use as per I.P. 2010
- . should not contain less than 99.60%V/V of Oxygen
- . should not contain more than 5 p. pm carbon monoxide
- . should not contain more than 30p. pm carbon monoxide
- . should be free of moisture.

2. Compressed Medical Oxygen

- . should not cause any damage to gas pipeline, anesthesia Machine and ventilators and any equipment used with it.
- . medical Grade I.P
- . Certified safe for human use

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 Performa.

YEARS				
s.no	Particular	2019-20	2018-19	2017-18
i	Annual Turnover			
li	Profit/loss			

2. The following certificate shall also enclose:
“Annual turn Over for last’s duly certified by approved Chartered Accountant or Equivalent competent Authority”

Signature of Applicant (s)

DETAILS OF ALL WORKS OF SIMILAR CLASS COMPLETED DURING THE LAST THREE YEARS
RECKNONED BACKWARD WITH REFERENCE TO THE LAST DATE OF BID

SUBMISSION

S. No	Name of work/ project Location	Owner or Sponsoring Organization	Gross amount	Date of commencement as per Contract	Stipulated date of completion	Actual date of completion	Litigation/arbitration pending/in progress with details	Name & Address telephone number of officer to whom reference may be made	Remark
1	2	3	4	5	6	7	8	9	10

indicate gross amount claimed and amount awarded by the arbitrator

Signature of Applicant (s)

Note:- Only those works which satisfies the eligibility criteria needs to be maintained

PERFORMANE REPORT 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.

Non Convocation Certificate Undertaking

On non-judicial stamp paper of Rs. 100/-

i-----s/o sh.-----

Resident of -----do solemnly
pledge and affirm:

1. that I am the proprietor/partner/authorized signatory of

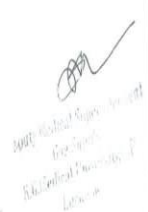
M/S-----

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2. that no case of any nature i.e CBI, Criminal/Income Tax/Sales Tax/Blacklisting etc. is neither pending against the firm/me.
3. that the firm/contractors have not been convicted by hon'ble court of Law or any competent authority.

signature of the bidder
stamp of the bidder



13407.85 SQMT.

U.P. Jal Niga

NOTE:

- 1. ALL DIMENSIONS ARE IN MILLIMETERS.
- 2. ONLY WHITE DIMENSION BOXES WILL BE FOLLOWED.
- 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL, ARCHITECTURAL, SERVICES ETC. DRAWINGS.
- 4. ANY CONFLICTS IN THE DIMENSIONS OR DATE SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.

FOR DETAILS REFER RELEVANT LARGE SCALE DETAIL DRAWINGS AS SHOWN ON SHEET 1 OF THIS DRAWING.

5. REPAIRWORK TO BE PROVIDED FOR BLANKS IN ALL SHIFTS AND COLUMNS EXCEPT LIFT SHIFTS SHALL BE IN THE CHARGE TO REALISE THE REPAIR AFTER THE ALL SERVICES OR BLANKS TO BE PROVIDED FOR PLUMBING PIPES AND PLUMBING SINKS.

6. MINOR WORK AND SERVICES SHIFTS AND COLUMNS TO BE KEPT SEPARATE FROM SERVICES CONTRACTORS FOR INSTALLATION OF ALL SERVICES.

7. FLOOR FINISHES FOR TOILETS SHALL BE AS PER SPECIFICATION.

8. BLIND CORNER, BATH, TUB, IN BULK ROOM, AND IN SERVICE BULK ROOMS OTHERWISE SPECIFIED.

9. BLIND CORNER FINISH FOR BALCONY DRAINAGE TOILETS SHALL BE AS NOTED OTHERWISE.

TRAIL	TRAIL
TRAIL	TRAIL

SITE

ORG. PURP.

7



CONSTRUCTION DESIGN SERVICES
(JITTE PRADESH JAL NIGAM)

ANB
CONSULTANTS

KAS
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PH

-226-