

KASTURBA HOSPITAL
Medical (Purchase)
BHEL, Bhopal, Ph No. – 0755 – 2505364/5330
Fax No 0755 – 2500195

Ref: BPE1900641

DT: 28/02/2020

RFQ No BPE1900641	Due date 11/03/2020 till 1100 hrs.
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SUB: NOTICE INVITING TENDER FOR ENTERING INTO RATE CONTRACT FOR TWO YEARS PERIOD for Supply of Medical Liquid Oxygen in supplier's Owned Portable Tanks complete with piping etc. in Kasturba Hospital on FOR destination basis (note: Oxygen refers to Medical Oxygen IP).

Sealed Tenders are invited in **Two Parts** i.e. Technical Bid [containing documents listed at Annexure-II, signed & sealed copy of this document (NIT) as a token of acceptance to all terms & conditions stated in NIT] in one envelop and Price Bid [strictly as per format given as Annexure-III] in second envelop. Both these envelops to be suitably marked as Part-I (Technical Bid) and Part-II (Price Bid). Then both these envelops should be kept in one single envelop.

RFQ No, Due date & Bidder's credentials should be clearly indicated on all envelops.

Your Tender should reach following address on or before due date.

TENDER BOX
in office of MEDICAL PURCHASE
Kasturba Hospital, BHEL
Habibganj, Bhopal-462024

1. TECHNICAL SPECIFICATION

Medical Liquid Oxygen shall be certified for medical use as per IP 1996. After vaporization, it shall not contain less than 99.5% v/v of oxygen, not more than 5ppm v/v of carbon monoxide substances, water etc. The gas will pass through our existing pipeline network in hospital.

- 1.1 Quantity per year : 40,000m3 approx.
- 1.2 Tendered Quantity (Quantity in 02 years) : **80,000 m3 approx.**
- 1.3 Consumption per day : Varying from 50 to 150m3 as per number of Patients and their condition.
- 1.4 Liquid storage capacity : 2 Nos. independent storage systems equivalent to at least 60m3 each.
- 1.5 Gas pressure : Suitable to exiting central pipeline supply of Our hospital.

2. STORAGE SYSTEM

- 2.1 The supply of medical liquid oxygen shall be in supplier's own liquid storage tank (along with vaporization system and connected pipeline/controls) installed each at (a) OT side (b) ICU side in our Kasturba Hospital. The system should be complete from liquid inlet and statutory requirements.
- 2.2 The system should be in well maintained condition. The relevant documents showing the year of manufacture and other details should be furnished with offer.
- 2.3 It should be easily refilled or replaced with another filled unit.
- 2.4 The supplier has to submit necessary technical/civil drawing and schematic drawing of all equipment's with offer, clearly showing the required area / layout.

- 2.5 Co-ordination with statutory bodies (CCoE etc) and obtaining necessary approval and subsequent renewals from them with respect to compliance of all statutory requirements is in the scope of supplier for which no charges will be paid by BHEL.
- 2.6 The maintenance of storage system shall be in supplier's scope and they should provide its satisfactory working certificate every six month. In case of any problem in storage system, it shall be attendant /replaced immediately on intimation.
- 2.7 Supplier has to arrange any license necessary for the installation of liquid oxygen storage system, filling of Liquid Oxygen at customer's end.
- 2.8 Supplier has to give Balance quantity intimation of Liquid Oxygen every month.

3. QUANTITY & INSPECTION

- 3.1 Inspection of material will be done at our works.
- 3.2 The quantity and test certificate to be sent with every tanker.

4. TRANSPORTATION

- 4.1 The transportation of complete storage system from supplier's works to our site and back after purchase order expiry/validity shall be bidder's scope and no extra charges will be paid.
- 4.2 The transportation of liquid shall be in supplier's scope including unloading of medical liquid oxygen in tank. The supplier will be responsible for connecting the portable storage tank to our existing pipeline supply of medical oxygen.
- 4.3 Road tanker carrying liquid should be approved for the purpose and before entry in hospital premises, it should be complete with all safety and other necessary fitting as per CCoE or other statutory norms. It must carry **TREM** card and **MSDS**.
- 4.4 Supplier shall ensure compliance of the requirements as per Motor Vehicles Act.1988.

5. OTHER REQUIREMENTS:

- 5.1 Bidder can visit site of installation before submitting bid.
- 5.2 The offer should meet all the NIT terms & conditions.
- 5.3 The system should have all the controls for safe operation of the system.
- 5.4 Erection commissioning of storage tanks, related equipment and interconnecting pipelines up to gas outlet into our existing central pipeline supply system is in supplier's scope. Only civil work (if any), water / power supply at one point shall be in BHEL's scope.
- 5.5 Bidder should have successfully executed POs for supply of approx. 40,000 m³ medical oxygen. Purchase order copies should be placed in support.