

NETAJI SUBHASH CHANDRA BOSE MEDICAL COLLEGE JABALPUR

TENDER DOCUMENT FOR

**INSTALLATION OF OXYGEN MANIFOLD 10 x 10
with
OXYGEN CONTROL PANEL AND VACUUM PUMP**

AT

PAEDIATRIC SURGERY UNIT

OF

NSCB MEDICAL COLLEGE JABALPUR

Bid Submission End Date	07/08/2018 05:30 PM
Technical Proposal (Envelope B)Open Date	08/08/2018 12:30 PM
Financial Bid (Envelope C)Open Date	10/08/2018 12:30 PM
Cost of the Tender Document	Rs. 2000/- (Rupees Two Thousand only)
EMD	Rs. 20,000-00

NETAJI SUBHASH CHANDRA BOSE MEDICAL COLLEGE JABALPUR

No/Auto/Pur/

/Jabalpur Dated 30/07/2018

“NOTICE INVITING LIMITED TENDER”

NETAJI SUBHASH CHANDRA BOSE MEDICAL COLLEGE JABALPUR invites bids from Jabalpur based reputed, experienced and financially sound Companies/Firms/Agencies for **Installation Of Oxygen Manifold 10 X 10 With Oxygen Control Panel And Vacuum Pump** At Paediatric Surgery Unit of N S C B Medical College Jabalpur. Those who are in the similar business for the last 03 years and providing the same service to Central/State Govt./Reputed Private Hospitals or autonomous bodies may participate in the tender.

Complete Tender Document is available on the college website www.nscbmc.ac.in. Others interested in participating in the process may download from the website of www.mpeproc.gov.in. Earnest Money Deposit (EMD) of Rs. 20,000 (Rupees Twenty Thousand only) in the form of Demand Draft issued in favour of Dean NSCB Medical College Jabalpur, drawn on any scheduled bank payable at Jabalpur and other requisite documents to the undersigned duly superscripted **“INSTALLATION OF OXYGEN MANIFOLD 10 x 10 with OXYGEN CONTROL PANEL AND VACUUM PUMP.”**

The bids received after this deadline shall not be entertained under any circumstances whatsoever. In case of postal delay this Institute will not be responsible.

NOTE : The EMD and Tender Fee draft should be put in the envelope containing Technical Bid failing which the tender shall be rejected forthwith.

The sealed envelopes are to be deposited at the office of Dean, NSCB Medical College Jabalpur or may be sent through registered/speed post

Any future clarification(s) and / or corrigendum(s) shall be communicated through the website www.mpeproc.gov.in

NSCB Medical College Jabalpur reserves the right to amend or withdraw any of the terms and conditions contained in the Tender Document or to reject any or all tenders without giving any notice or assigning any reason. The decision of the Dean, NSCB Medical College Jabalpur in this regard shall be final.

Dean
NSCB Medical College Jabalpur

INVITATION TO BID

1. Instruction to Bidders

- 1.1 Bids are invited, for and on behalf of Dean, NSCB Medical College Jabalpur, from established, reputed and experienced manufacturers or their authorized representatives for the Supply, Installation and Commissioning of New Medical Gas Pipeline System as per the enclosed technical Specifications.
- 1.2 Bidders are invited to study the tender document and terms & conditions carefully. Submission of tender shall be deemed to have been done after careful study and examination of the tender document with full understanding of its implications.
- 1.3 The scope of work shall include Supply, Installation, Commissioning, & Satisfactory Demonstration. This will also include testing, packing, transportation, scheduling of transportation, transit insurance, delivery at sites, unloading, storage, job site storage, insurance, installation any other services associated with the delivery of the equipment and materials providing warranty of services and operation and maintenance of other related equipment / items required for complete installation. The successful bidder will assume full responsibility of the complete system until final acceptance.
- 1.4 It will be imperative on each bidder to fully acquaint himself with all the local conditions and factors which would have any effect on the performance of the System. No request for the change of price, or time, schedule of delivery of stores shall be entertained after the purchaser on account of any local condition or factor accepts the offer.
- 1.5 The bidders are required to have a survey including a site visit before furnishing the quotations.

2. Schedule of Tender

- 2.1 The Financial bids of the short listed bidders will be opened at the Office of the Dean, NSCB MCJ as the case may be in the presence of their authorized representatives, if any.

3. Blank

4. Purchaser's Right to Vary Quantities at the time of Award

The Purchaser reserves the right to vary the quantities and/or services and/ or split the order among the selected Bidders.

5. Purchaser's Right to accept any Bid and to reject any or all bids

The Purchaser reserves the right to accept any bid, and to annul the tender process and reject all bids at any time, without assigning any reason. Prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Purchaser's action.

6. Bidder Qualification

The "Bidder" as used in the tender documents shall mean one who has signed the Bid Form. The Bidder may be either the manufacturer of the equipment/ material for which prices are quoted on the Price Schedule or his duly authorized representative, in which case he shall submit a certificate of authority. All certificates and documents received hereby, shall, as far as possible, be furnished by the manufacturer/ representative of the firm.

7. Bid Security/Earnest Money

- 7.1 Bid Security amount/ EMD should be enclosed along with the Techno-Commercial Bid for an amount of Rs. 20,000-00 in the form of Demand Draft drawn in favour of Dean NSCB Medical College Jabalpur, failing which the tenders will be out rightly rejected. Bid Security/EMD, if already deposited against other tenders, shall not be adjusted against this tender.
- 7.2 The Earnest Money Demand Draft, in case of unsuccessful Bidders, shall be retained by the Purchaser, up to a maximum period of One year from the date of opening of the Bids or till the finalization of the tender, whichever is earlier.. The Bid security shall be refunded to the unsuccessful tenderers on written request.. No interest will be payable by the Purchaser on the Bid Security/EMD.

8. Period of Validity of Bids

Bids shall remain valid for One year from the date of bid opening prescribed by the Vendor. The Purchaser as non-response may reject a bid valid for a shorter period.

9. Bid Requirements

- 9.1 The Bidder must quote for the equipment with all items and quantities as listed under the Schedule for Requirements.
- 9.2 Bids not accompanied by EMD and cost of Document or Bids from representatives without letter of Authority from the manufacturers will be summarily rejected.
- 9.3 Telex/Fax bids and incomplete bids will be summarily rejected.
- 9.4 Bidders should enclose, along with the Techno-Commercial Bid of their offers, the full details including proposed configuration of offers with full documentation, descriptive literature/leaflets supplementing the description and point out any special feature of their system. All documentation is required to be in English.
- 9.5 The bid shall contain no inter lineation, erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such corrections shall be initialled by the person or persons signing the bid.
- 9.6 All pages of the Bid being submitted must be signed and sequentially numbered by the Bidder.
- 9.7 All information in the offer must be in English. Information in any other language must be accompanied by its authenticated translation in English. Failure to comply with this may render the offer liable to be rejected. In the event of any discrepancy between the offer in a language other than English and its English translation, the English translation will prevail.

10. Contents of Bid

The Bid prepared by the Bidder shall comprise of the following two components:

- a) Techno-Commercial Bid comprising of the following and to be filled on the format sheets provided in the tender document. This is mandatory:-
 - i) Bidders Particulars (Annexure-A)
 - ii) Bid Form (Annexure -B)
 - iii) Bidder Profile (Annexure -C)

11. Procedure for Submission of Bids

A It is proposed to have a Two Bid System for this tender

Pre Qualification Bid (EnvelopeA)

01	Tender Document Cost Rs. 2,000/- (DD)
02	Earnest Money Deposit Rs. 20,000/- (Demand Draft/Banker's Cheque only)
03	GST Registration Certificate
04	Yearly business turnover Certificate
05	Copy of the latest Income Tax Return
06	Documentary Proof of Minimum 3 years experience in India in the same field
07	Affidavit that there is no court case under trial or pending against any government hospital and also never been penalized by any Govt. investigating agency for any wrong doing in entire India

Technical Bid (Envelope B)

01	Proof of Past experience of installation of similar projects in Govt. Hospitals as a Prime Contractor (certificate from the same hospital should be provided along with the offer).
02	Proof of Executing similar medical gas pipeline projects in at least one major Govt. Hospital in last five years' time, for which order copies and completion certificates are to be enclosed along with the offer.
03	Proof of Bidder's own already established sales & service facilities in the Jabalpur Municipal Corporation Limits (provide necessary service support to this life saving system for the patients of the hospital.)
04	Performance report from other similar organizations
05	Bidders Particulars (Annexure-A)
06	Bid Form (Annexure -B)
07	Bidder Profile (Annexure -C)
08	Warranty Certificate

Financial Bid (Envelope C)

01	Financial Bid
----	---------------

PLEASE NOTE THAT PRICES SHOULD NOT BE INDICATED IN THE TECHNO-COMMERCIAL BID. TENDERS SUBMITTED WITHOUT FOLLOWING THE TWO BID SYSTEM PROCEDURE WILL BE SUMMARILY REJECTED.

C The cover thus prepared should also indicate clearly the name and address of the Bidder.

12. Signing of Contract

- A At the same time as the Purchaser notifies the finally selected Bidder(s) that its bid has been accepted, the finally selected Bidder(s) shall collect the supply order Contract Form from the office of the Officer concerned.

- B. Within 7 (seven) days of the receipt of the Contract Form, the finally selected Bidder(s) shall sign the Contract with the purchaser at the purchaser's location mentioned. The finally selected bidder shall bring, along with him, the power of attorney, the contract performance bank guarantee and common seal etc. for signing the contract.

- C. Without prejudice to any legal remedy, failure of the finally selected Bidder(s) to comply with the requirement shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Purchaser may make the award to the next lowest evaluated Bidder or call for new bids.

13. Inspection and Tests

The Purchaser shall have the right to inspect and/or test the equipment for conformity to the Contract Specifications.

13.1 The Purchaser shall have the right to reject any individual equipment or complete system, if in its opinion the same does not meet technical specifications, operational or technical requirements. The decision of the purchaser in this regard shall be final.

13.2 The delivery, installation or commissioning shall not be deemed to have been completed unless all the equipments and systems are accepted by the purchaser.

13.3 Before the equipment is taken over by the Purchaser/Consignee, the Supplier shall provide manuals of the equipment/systems. This shall include the following:

- i) System Interface Drawings, Wiring Diagrams
- ii) System Interconnection and Block Diagrams
- iii) User Operation Manuals
- iv) Equipment Maintenance Manuals

14. Warranty

14.1 The supplier shall provide comprehensive on-site warranty for a **period of 2 years** from the date of final acceptance of the complete system after successful and complete installation and commissioning with regular updation of newer technology as and when evolved.

14.2 **The Supplier (manufacturer) must have a maintenance base to provide maintenance service, of the entire system being offered, at short notice during the warranty and post warranty period. The technical maintenance personnel of the supplier responsible for supervision and maintenance shall be available to reach the site(s) within 2 hours' notice.**

14.3 If the performance of any individual equipment or system is not satisfactory, the same shall be replaced by the supplier free of cost.

14.4 If it is found that to meet the performance criteria, any extra equipment is required the same will be provided free of cost by the supplier.

14.5 All faults appearing and their rectification shall be periodically advised to the hospital, the period being not more than a month.

14.6 Any lacuna or lacunae noticed in the functioning of the installation as a result of any design feature shall be rectified by the supplier free of cost.

14.7 The Supplier shall fully associate the Technicians of the Institute during installation, testing, commissioning, operation and maintenance period.

15. After Sales Services and Maintenance Contract

AFTER SALES SERVICES MUST BE PROVIDED BY THE SUPPLIER DURING AND AFTER GUARANTEE PERIOD OF THE SYSTEM. BIDDERS ARE REQUIRED TO SUBMIT THEIR QUOTE FOR SUBSEQUENT 1 YEAR COMPREHENSIVE AMC (AFTER THE EXPIRY OF WARRANTY PERIOD OF 2 YEARS). FAILURE TO COMPLY THIS CONDITION WILL ENTAIL REJECTION OF THEIR BIDS.

16. Delivery, Installation and Commissioning

16.1 Delivery of the goods at the Institute premises shall be completed by the Supplier in accordance with the terms specified by the Purchaser.

16.2 The installation, testing and commissioning of the proposed system shall be completed in accordance with the order.

17 Blank

18 Blank

19. Site Preparation for installation:

19.1 The site for installation of the equipment shall be provided by the purchaser as per the required specification and environmental conditions before the installation of System.

19.2 Site Plan and System layout plan including civil/electrical work or other related works shall be prepared by the supplier.

19.3 Earthling arrangements for all the equipment shall be completed as per standard practice

20. Termination for default

The purchaser may without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, terminate the contract in whole or in part.

i) If the supplier fails to deliver or install system within the time period(s) specified in the contract.

OR

ii) If the supplier fails to perform any other obligation(s) under the contract.

21. Responsibility of Completion :

- a. The firm has to undertake responsibility for completion of job within stipulated time period otherwise a penalty of 0.5% of the order value per week shall be charged for delayed completion of job.

22. Payment

The Institute shall make all reasonable and due efforts to pay within 07 (seven) days on satisfactory installation/commissioning and handing over of the system in good working condition and meeting other requirements.

23. Jurisdiction

The Jabalpur High Court will have the jurisdiction to try any matter, dispute or reference between the parties arising out of the contract. It is specifically agreed that no court outside and other than the above shall have jurisdiction in the matter.

SPECIAL TERMS AND CONDITIONS FOR TENDER SUBMISSION

1. Yearly business turnover of over Rs. 5.00 Lacs for last 3 years. Company's / Firm's annual reports should be provided in support of this.
2. Minimum 3 years experience in India in the same field.
3. Past experience of installation of similar projects in Govt. Hospitals as a Prime Contractor (certificate from the same hospital should be provided along with the offer).
4. Executing similar medical gas pipeline projects in at least one major Govt. Hospital in last three years' time for which order copies and completion certificates are to be enclosed along with the offer.
5. Bidder should have its own already established sales and service facilities in the *Jabalpur Municipal Limits* provide necessary service support to this life saving system for the patients of the hospital (necessary proof to be submitted along with the offer/Shop Registration/ Gumasta).
6. **Tenderer must submit an affidavit that there is no court case under trial or pending against any government hospital and also never been penalized by any Govt. investigating agency for any wrong doing in entire India. Wrong and false information in this regard will be the reason for forfeit of EMD and blacklisted of the firm.**
7. Companies/ Firms who have been/are indulged in illegal bid rigging and cartelization during the last 3 years and have been penalized by any Govt. agencies will not be entertained.
12. The supplier should submit a statement of overall turnover for the previous three years. If applicable a copy of the applicant's annual report and accounts for each of the last three years should also be submitted.
17. If the tenderer gives a false statement on any of the above information the firm/supplier will not be considered and their quotation/tender shall be rejected and the security deposited shall be forfeited.
18. The Institute will have the right to reject any tender without assigning any reason.
19. The manufacturer should submit all the quotations directly or through their authorized distributor provided the manufacturer accepts responsibility for any lapse on the part of distributor and authorization certificate must be enclosed.
20. Quality assurance certification like ISO 9000 series should be enclosed wherever applicable.

TECHNICAL SPECIFICATIONS

Specification-:

(A) Extension of Oxygen Manifold-:

S. No.	Description
1.	10X10 Manifold for Jumbo oxygen cylinder
2.	Flexible Tail Pipe with NRV
3.	Semi Automatic Control Panel

(B) Vacuum System-:

S. No.	Description
1.	Vacuum Pump (IR Make) with 1000 liters Reservoir with drain system
2.	7.5 H.P. Motor
3.	Starter & Automatic Cutoff system
4.	Installation & grouting complete
5.	44 mm. diameter Medical Grade copper pipe line

1. Approved Makes-: Dragger, M.R. Engineering's, Aktive, Maxflow, Pneumatic Berlin, BOC, Ingersoll-Rand, Crompton-Greaves, Siemens, AB Motors.

BOQ

S.NO.	Description	Quantity
1.	10X10 Manifold for Jumbo oxygen cylinder	01 No.
2.	Flexible Tail Pipe with NRV	20 Nos.
3.	Semi Automatic Control Panel	01 No.
4.	Vacuum Pump (IR Make) with 1000 liters Reservoir with drain system	01 No.
5.	7.5 H.P. Motor	01 No.
6.	Starter & Automatic Cut off system	01 No.
7.	Installation & grouting complete	01 No.
8.	44 mm. diameter Medical Grade copper pipe line	50 Mtr.

DISTRIBUTION PIPING

1. Copper Pipe

Copper pipe should be as per BS:EN 13348:2008/ASTM B819 standard, solid drawn, seamless, deoxidized, non-arsenical, half hard, tempered and degreased copper pipe confirming to the standard. All copper pipes should be degreased & delivered capped at both ends. The supply of pipes be further accompanying with inspection certificates from manufacturers as well as from third part inspection like Lloyds/SGS/TUV etc.

Pipe sizes to be used should be as under:

Outer Dia.	Thickness(Min.)
44mm	0.9mm

1.1 Copper Fittings

Copper fittings shall be made of Copper and suitable of working pressure of 17 bar and especially made for brazed socket type connections. Copper fittings should meets and as per EN 1254 standards.

1.2 Installation & testing

Installation: Installation of piping shall be carried out with utmost cleanliness. Only pipes, fittings and valves which have been degreased and brought in polythene sealed bags shall be used at site. Pipe fixing clamps shall be of non ferrous or non-deteriorating plastic suitable for the diameter of the pipe. All pipe joints shall be made using flux less brazing method. All joints should be made of copper to copper. Adequate supports shall be provided while laying pipelines to ensure that the pipes do not sag. The spacing of supports shall not exceed 1.5 meter for any size of pipe. Suitable sleeves shall be provided wherever pipes cross through wall/slabs. All pipe clamps shall be non-reactive to copper.

1.3 Test

After erection, all the new pipes cleaned or purged with the help of dry nitrogen gas and complete existing and new system will be tested with dry nitrogen at 1.5 times of working pressure for 48 hours.

1.4 Painting & Supporting

Painting: All existing and proposed exposed pipes/should be painted with two coats of synthetic enamel paint & color codification as per IS 2379:1990. All concealed pipes to have gas identification bands/labels. At appropriate distance.

1.5 Support

Supports should be provided to ensure that the pipes do not sag. The spacing supports should not exceed. 1.5m for any size of pipe suitable sleeves shall be provided wherever pipe cross through walls/ slabs. All pipe clamps shall be non-reactive to copper.

Check List

Pre Qualification Bid (EnvelopeA)

01	Cost of Tender Document Rs. 2,000/- (DD)	Yes/No
02	Earnest Money Deposit Rs. 20,000/-(Demand Draft/Banker's Cheque)	Yes/No
03	GST Registration Certificate	Yes/No
04	Yearly business turnover Certificate	Yes/No
05	Copy of the latest Income Tax Return	Yes/No
06	Documentary Proof of Minimum 3 years experience in India in the same field	Yes/No
07	Affidavit that there is no court case under trial or pending against any government hospital and also never been penalized by any Govt. investigating agency for any wrong doing in entire India	Yes/No
08	Shop Registration /Gumasta (Jabalpur based only)	

Technical Bid (Envelope B)

01	Proof of Past experience of installation of similar projects in Govt. Hospitals as a Prime Contractor (certificate from the same hospital should be provided along with the offer).	Yes/No
02	Proof of Executing similar medical gas pipeline projects in at least one major Govt. Hospital in last five years' time, for which order copies and completion certificates are to be enclosed along with the offer.	Yes/No
03	Proof of Bidder's own already established sales & service facilities in the Jabalpur Municipal Limits(provide necessary service support to this life saving system for the patients of the hospital.	Yes/No
04	Performance report from other similar organizations	Yes/No
05	Bidders Particulars (Annexure-A)	Yes/No
06	Bid Form (Annexure -B)	Yes/No
07	Bidder Profile (Annexure -C)	Yes/No
08	Warranty Certificate	Yes/No

Financial Bid (Envelope C)

01	Financial Bid	Yes/No
----	---------------	--------

To be enclosed with Techno-Commercial Bid

ANNEXURE-A

BIDDER PARTICULARS

1. Name of the Bidder
2. Address of the Bidder
3. Name of the Manufacturer (s)

2.Address(es) of the Manufacturer

2. Name and address of the person

To whom all references shall be made regarding this tender inquiry.

Telephone :

Telex :

Fax :

e-mail address :

Witness

Signature

Signature

Name

Name

Designation

Address

Company

Date

Company Seal

To be enclosed with Techno-Commercial Bid

BID FORM

Dated: / /2017

To,

Sir,

I/ We..... Having examined the Bidding Documents of Tender No..... Undersigned offers to supply, install and commission, and we undertake, if our bid is accepted, to complete delivery of all the items specified in the contract within 4 (Four) weeks calculated from the date of receipt of your Notification of Award and to complete the installation, testing commissioning by.....

Signature and Seal

(In the capacity of)

Only Authorized to sign bid for and on behalf of.

BIDDER PROFILE

A. General Information:

(i) Location of Headquarters :

(ii) Date and Country of Incorporation :

(iii) Manufacturing Facility (S)

Location

Size

Capacity

(IV) Blank

(V) Average yearly turnover for last three years:

(VI) Blank

(VII) Total No. of installations of the system offered.

(VIII) No. of Employees working/posted in Jabalpur

Total No.	Manufacturing	R&D (If any)
-----------	---------------	--------------

Hardware Maintenance

Software

B. Reference of Major installation with similar products (attach documents in support, if available) S. No. Customer Name, Address Product Description

Telephone Fax Number (No. of Machines installation year wise)

Date.

Signature and seal of bidder

TENDER FOR INSTALLATION OF OXYGEN MANIFOLD 10 x 10 with OXYGEN CONTROL PANEL AND VACUUM PUMP

Firm's Name					
S.NO.	Description	Quantity	Rate/Unit (Rs.)	GST	Net Rate (Rs.)
a	b	c	d	e	f= d+e
1	10X10 Manifold for Jumbo oxygen cylinder	01 No.			
2	Flexible Tail Pipe with NRV	20 Nos.			
3	Semi Automatic Control Panel	01 No.			
4	Vacuum Pump (IR Make) with 1000 liters Reservoir with drain system	01 No.			
5	7.5 H.P. Motor	01 No.			
6	Starter & Automatic Cutoff system	01 No.			
7	Installation & grouting complete	01 No.			
8	44 mm. diameter Medical Grade copper pipe line	50 Mtr.			
					Total