



I.G. ESI HOSPITAL, JHILMIL, DELHI-95.

TENDER FOR EXTENSION OF PIPELINE FROM EXISTING OXYGEN & SUCTION PIPELINES

To

M/s. _____

(To be returned duly completed latest by 30.07.09 till 1 P.M. otherwise tender shall not be accepted.)

Medical Superintendent, I.G. ESI Hospital, Jhilmil, Delhi invites Limited Tender for Extension for pipeline from existing oxygen & suction pipelines as per specifications detailed in annexure-I and on terms and conditions enclosed.

Tender should be submitted in sealed envelope & superscribed a "Tender For **EXTENSION OF PIPELINE FROM EXISTING OXYGEN & SUCTION PIPELINES**" in the office of MS, I.G. ESI Hospital, Jhilmil, Delhi in the tender box placed in the chamber of Dy. Medical Superintendent on dated 29.07.09 from 9 a.m. to 3 p.m. and on dated 30.07.09 till 1 P.M. In case the Tender is sent by post it must reach in the Office of M.S. by dated 30.07.09 up to 1 P.M. Proof of postage won't be considered as a claim for timely submission of tender. The tender shall be opened on dated 30.07.09 at 2.00 p.m. in Hospital Committee Room in presence of tenderers or their representative who wish to be present. In case 30.07.09 is declared holiday bids will be opened on next working day at the same time and venue.

Encls.:

Dy. Medical Superintendent

TERMS AND CONDITIONS

1. Sealed Limited tenders are invited from the reputed firms as well as authorized distributors/stockiest for extension of pipeline from existing oxygen & suction pipelines. The specification for the same are enclosed as per annexure-I
2. Any conditional acceptance is liable to rejection of tender.
3. EMD of Rs. 2000/- (Rs. Two Thousand Only). shall be deposited by the tenderer (**except Govt. Agencies**) by enclosing Demand Draft/Bankers Cheque only in favour of '**ESI Fund A/C No. 1**', IG ESI Hospital, Jhilmil, Delhi which shall be refundable to bidders without any interest after finalization of tender
4. All pages of tender document submitted should be numbered & signed by authorized signatory of participating firm with seal.
5. Working demonstration/sample of the quoted item shall be provided whenever asked for.
6. Successful tenderer shall supply the material as per supply order on the rates quoted by them and approved by the competent authority of this hospital.
7. Taxes, if applicable, shall be as notified by Govt.
8. Tenderer must provide Delhi address, if any, along with the telephone no. and fax no. with tender for all correspondence.
9. Rates should be quoted for **F.O.R. destination including of installation charges**.
10. The rates should not be higher than quoted in any other organization/institution (Certificate may be enclosed).
11. A certificate about satisfactory performance of the equipment duly authenticated by other existing users of the equipment.
12. The price of AMC/CMC for five year after expiry of warranty/guarantee period should be given in the tender (if applicable)
13. Any other accessories required for equipment may also be quoted.
14. Catalogue/literature make of model should be enclosed.
15. Validity of quotation shall be for one year. Firm quoting validity less than one year will be rejected.
16. Warranty period will be commence from the date of installation.
17. Payment shall be released after satisfactory installation/inspection of the item.
18. The successful tenderer shall supply the articles within six weeks from the date of issue of supply of supply order.
19. **Tenders in sealed envelope super scribed as "Limited Tender for extension of pipeline can be dropped in the tender box kept in chamber of Dy. Medical Superintendent of this Hospital, on 29.07.09 between 9.00 A.M. to 3.00 P.M. and on dated 30.07.09 upto 1.00 P.M. No tender thereafter shall be accepted. The tender shall be opened on 30.07.09 at 2.00 PM in the Committee Hall of this hospital in presence of tenderers or their representatives who wish to be present. In the event of 30.07.09 being declared a holiday, the tender will be opened on next working day at same time and place.**
20. If the tender is sent by post/given personally it must be received in office of Medical Superintendent on dated 30.07.09 by 1.00 PM Proof of postage won't be considered as evidence for timely submission of tender.
21. All disputes subject to Jurisdiction of Delhi only.
22. M.S. reserves the right to accept or reject any or all tenders without assigning any reason thereof.

(DR.KAMLESH CHAUDHRY)
DY.MEDICALSUPERINTENDENT

Annexure-I

SPECIFICATIONS

I. **Extension of pipeline from existing oxygen and suction pipelines to be done for 20 bedded new Nursery located out side the labour room.**

length of copper pipe required for 20 bedded New Nursedry

Copper pipe 15 mm outer diameter 45 meter (Approx.)

12 mm outer diameter 30-40 meter (Approx.), for drop to outlet

Specification:-

Materials:- Copper pipes should be solid drawn seamless deoxidised non arsenical, half hard tempered and degreased and delivered capped at both ends. copper pipe should confirm to BS : 6017,981, and manufactured as per BS: 2871, 1971 part- I

- Û Isolation valves will be non lubricated ball type, suitable for oxygen service.
- Û All valves should be pneumatically tested for twice the working pressure and factory degreased for medical gas service before supply.
- Û Copper fitting shall be made of copper and suitable for a steam working pressure of 17 bar and specially made for brazed socket type connection. All copper fittings will confirm to BS 864
- Û Pipes should be accompanied with manufacturers text certificates for the physical properties and chemical composition.
- Û Copper pipe should also have third party inspection certificate from Lloyds Register services.

Installation and testing.

- Û Pipe fixing clamps should be of non ferrous or non deteriorating plastic suitable for diameter of the pipe.
- Û All pipe joints should be made using fluxless brazing method.
- Û All joints should be made of copper to copper and brazed by silver brazing filler material without flux.
- Û Adequate support to be provided while laying pipelines. All pipe clamps should be non reactive to copper.
- Û All piping system shall be tested in the presence of the site engineer or two authorized representative, to be tested at a pressure equal to 1.5 times of the working pressure or 150 psig whichever is higher for a period of not less than 24 Hours.

Painting

- Û All exposed pipes should be painted with 2 coats of synthetic enamel paint compatible with existing colour coding.

: 2 :

II Outlets: Total numbers of outlets 20

Oxygen outlets 10

Vacuum outlets 10

Specifications:-

û **Double lock outlets (Indigenous)** with probe similar to existing.

û Outlets should be of quick connecting and wall mounted type.

û Outlets manufactured with 165 mm length copper inlet pipe stub which is silver brazed to outlet body.

û Body of one piece of brass construction and outlet shall be equipped with a primary and secondary check valve shall be rated at minimum 200 psi when primary check valve is removed for maintenance, outlet assembly should accept only corresponding gas specific adaptors

û All outlets to be factory assembled and tested.

III BPC flowmeter with humidifier:- 10 Nos.

Specifications:-

û Back pressure compensated flowmeter with accurate gas flow measurement.

û Control within range of 0-15 liters per minute.

û Made of brass chrome plated materials.

û Poly carbonate humidifier bottle and auto clavable.

û Inlet filter of stainless steel wire mesh to prevent foreign particle entry.

IV. Ward Vaccum Units:- 10 Nos.

Specifications:-

û Unit should consist of

û A regulator

û A 600 ml reusable collection jar made of unbreakable polycarbonate and auto clavable.

û Wall bracket for mounting jar assembly on wall.

û Have a Vaccum gauge which indicates suction supplied by regulator.

û Safety trap will be provided inside the jar to safeguard the regulator from overflowing.

V. Ball Valve (Size 15 mm) 2 Nos.

Specifications:- Lever operated, quarter turn valve with brass body and chrome plated brass ball.

plated

(Dr. Kamlesh Chaudhry)
Dy. Medical Superintendent