



**Government of Pakistan
PAKISTAN ORDNANCE FACTORIES
TENDER ENQUIRY**

TO

PPRA & MIS

Dear Sirs,

Reference: TENDER ENQUIRY NO. **4145-EM-17(08)-FP-PUR-Hosp** DATED **05.01.2017**

You are requested to submit sealed quotations for the item(s) NOTED ON THE Schedule to the Tender. Please note the following instructions for filling the tender:-

1. SUBMISSION OF TENDER

1.1 Tenders will be opened at **1230** hours on **7-February- 2017** and must reach this office on or before 1200 hours. Tender received late will not be entertained. You may witness the opening of the tender if you so desire. If a representative is deputed, he should bring a letter of authority from you.

1.2 Only one tender should be included in one envelope. The outside of the envelope should be inscribed with:-

Tender Enquiry No:	4145-EM-17(08)-FP-PUR-Hosp
Tender to be opened on:	7-February- 2017
Address as follows:-	DY.COMMNADANT -POF-HOSPITAL POF WAH CANTT. (PAKISTAN)

2. GENERAL INSTRUCTIONS REGARDING PREPERATION OF QUOTATIONS

2.1 For materials, the prices should be filled in column 5 and delivery date in column 6 of the schedule to this Tender Enquiry. The undertaking should be signed at the bottom of the schedule, which shall form the Quotation. You may use a separate sheet if necessary.

2.2 For plant and Machinery, you are required to quote in two parts:-

Part-I "Technical Offer": It should exclusively give technical details and literatures/brochures of the offered plant, machinery and equipment; validity date; delivery schedule; signed undertaking given on the schedule to this Tender Enquiry. It must not indicate price, costs etc.

Part II "Commercial Offer": It should indicate the commercial terms e.g. price, terms of payment, mode of payment, mode of supply.

Each part should be placed in a separate sealed cover. The envelopes should be inscribed with: Part I **"Technical Quotation without price"** and Part II **"Commercial Quotation with Price"**.

- 2.3 The quotation must remain valid for, at least 90 days from the date of opening of tenders.
- 2.4 The quotations should hold good for any reduced or enhanced quantities without notice.
- 2.5 In the event of non-acceptance of offer, no intimation will be given to the Tenders.
- 2.6 Conditional offers or alternative offers are likely to be ignored.
- 2.7 Quotations should be based on FOB. The consignment will be shipped through Pakistan National Shipping Corporation (PNSC). In case there is no PNSC service in the country of shipping, please quote on C&F basis. **The freight should be indicated separately.** Insurance premium should not be included in the quoted price. However, where insurance is considered necessary, advice to that effect should be given in the quotation.
- 2.8 **Offer submitted only by manufacturers/principals will be entertained and respective OEM must be submitted authorization certificate about their sole distributors/ local representative in Pakistan. Submission of the offer through an agent in Pakistan will not be considered.**
- 2.9 Country of origin and port of shipment to be stated.
- 2.10 If the requisite information is not furnished on the T.E forms or offer received is not in conformity with the requirement of T.E, such offer shall be ignored.
- 2.11 The supplier will render necessary information regarding hazardous effects on environment of the material/products supplied by them, alongwith dispatch documents.
- 2.12 Please ensure fulfillment of condition specified in sub para 2.2 alongwith other conditions.

3. INSPECTION

- 3.1 Supplies shall be subject to the inspection and acceptance by the competent inspection authority nominated by the Purchaser, who will arrange it at his own cost. Inspection facilities such as tools, test equipment, instruments etc will, however, be provided by the suppliers in accordance with the relevant specifications.
- 3.2 Third party inspection;- Firm will supply the store duly inspected/cleared by the renowned inspecting Agencies like SGS, Lloyd Bureau Varitas etc.
- 3.3 Where considered necessary by the Purchaser, the stores may be obtained on Warranty/Guarantee, subject to inspection on receipt. Rejected stores will be removed and replaced with the acceptable stores by the supplier at his own expense, within a specified time.

4 ACCEPTANCE/REJECTION OF OFFERS

- 4.1 Rejection of any bids will be as per PPRA Rule 33(I).

4.2 PERFORMANCE BOND

- (a) The successful bidder will provide Performance Bond at the rate of 10% of F.O.B value of the contract on the prescribed Performa attached as for satisfactory execution of the order in favour of Controller of Military Accounts (Pakistan Ordnance Factories), CMA Wah Cantt. The Performance Bond will

be furnished in the form of an unconditional bank guarantee on prescribed proforma covered by any scheduled bank in Pakistan, The Performance Bond shall be furnished within 45 days from the date of opening of Letter of Credit. It shall be valid for a period of 05 years after the date of Expiry of letter of credit.

If the Performance bond is not furnished within the a/m prescribed time, the Purchaser reserves the right to cancel the contract and has the right of risk purchase action.

- (b) No Performance Bond will be required if the total FOB value of the contract is less than US \$ 50,000 and contract is placed directly on the foreign Supplier.

4.3 FAILURE TO SUPPLY THE STORES

All deliveries must be completed by the specified date. If the failure to deliver the stores within the scheduled time should have arisen from "Force Majeure", which the Purchaser may admit as reasonable ground for further time, he will allow such additional time as he may consider to have been required by the circumstances of the case. Otherwise, he will be entitled, at his discretion, to cancel the contract; and/or, claim liquidated damages upto 2% but not less than 1% of the contract price of the items and their quantities for each and every month or part of a month, beyond the specified delivery date, during which these may not be delivered, subject to a maximum of 10% of the total contract value; or, to purchase, from elsewhere, the unsupplied stores at the risk and cost of the Supplier.

4.4 PAYMENT

Payment will normally be made by means of irrevocable letter of credit. All bank Charges incurred in Pakistan in connection with the establishment L.C. will be borne by the Purchaser, whereas all Bank charges incurred in connection with drawing of payment including charges for confirmation of L.C. by the advising Bank/Foreign will be borne by the Supplier.

5. SECURITY OF INFORMATION

The Tenderers and his employees must not communicate any information relating to the sale/purchase of stores under this enquiry to any person other than the manufacturer or to any press or agent not authorized in writing by POFs to receive it.

Please return the Schedule to the Tender duly signed by the specified date, alongwith the specification drawings etc, if any, enclosed herewith - even if you are unable to quote.

MANAGER PURCHASE-HOSPITAL

PAKISTAN ORDNANCE FACTORIES

SCHEDULE TO TENDER ENQUIRY NO. 4145-EM-17(08)-FP-PUR-HOSP

DATE 05.01.2017.

(1) **FOR MATERIALS**

Item No	Description with Spec etc.	Unit	Quantity	Price Figure	Price in Words	Delivery Date
1.	<u>Detail of Machinery:-</u> AIR COMPRESSOR SYSTEM BED HEAD PANEL (Qty-14 Nos.) SPECIFICATION:- Attached As Annexure-“B”	No.	01			Immediate

(2) **For Plant & Machinery:-**

(3) **Special Conditions.**

- 1 The store must be protected adequately and appropriately to the mode of dispatch against damage from environmental effects, water or other substances during the sea voyage and overland journey to withstand the rough handling involved in transit and prove proper preservation of materials while held in storage by the consignee.
- 2 Firm should not quote the rates, if their Govt. does not permit them for export of the material to Pakistan.
(ATTACHED AS ANNEXURE-C).

(4) **Undertaking**

Should our offer be accepted, we hereby undertake to supply the stores/render the services contracted on the basis of Conditions of Contract embodied in Form POF 1280, and to deposit the performance bond within the prescribed time, failing which it will constitute a breach of contract, and POF will have the right to purchase the stores/services elsewhere at our risk and cost.

Place _____

Signature of the Tenderer _____

Date _____

Name _____

Position _____

Address _____

Income Tax G.I.R No. _____

ANNEXURE "B"

**Detail of Machinery: AIR COMPRESSOR SYSTEM (Qty-01 Set.)
 BED HEAD PANEL (Qty-14 Nos.)**

Specifications:

1. Air Compressor Unit

- Compressor type: Duplex oil free Scroll type compressor.
- Air capacity: Air producing capacity of each compressor 500 to 600 liter / min i.e. total capacity of both compressors 1000 to 1200 liter/min or better.
- Noise level: Noise level should not exceed 60dB when both compressors are running.
- Minimum 5 KW /unit FAD at 8bar
- Compressor Unit should have following items;
 - i. Inspection Panel
 - ii. Pressure Gauge
 - iii. Air discharge ball valve
 - iv. Check valve & Safety Valve (Open and close automatically for the supply of air when compressor is working)
 - v. Auto drain
 - vi. Built in Timer
 - vii. Operation Lamp

2. Control Panel

- System should be designed as one duty & one standby compressor with provision that both the compressors can run in parallel for high demands.
- Control system to stop the compressors when pressure in reservoir tank reaches 8 bar and starts automatically when pressure reaches 5 bar.
- Ethernet/wireless connectivity for remote monitoring all operating parameters.
- Overload indication lamp (repetition)
- Extension line to a main alarm panel should be possible.
- Run hour meter (To record working hours of each compressor)
- Auto / Manual select switch (To select Auto / Manual activation of either one of compressor)
- Motor minimum 5 to 7 kw 3 phases, 400 V \pm 5% / 50Hz
- Complete with Run / Stop status lamp to recognize which compressor is running or stops.
- The control panel should have the following items;
 - i. Volt meter & Amp Meter
 - ii. Power lamp
 - iii. Dew point indicator
 - iv. Run lamp
 - v. Overload lamp
 - vi. Stop lamp
 - vii. Pressure down lamp

- viii. Follow-up run lamp
- ix. Pressure indicator

3. Air cooling system

- Two air coolers (one with each compressor) to reduce the moisture & cool heated compressed air below 40°C.
- Air cooler should have following items;
 - i. Valve
 - ii. Auto drain
 - iii. Drain tube
 - iv. Power lamp

4. Reservoir tank

- Medical Grade, mounted on anti-vibration base. Air receiving tank capacity 1000 to 12000 -Liter Vertical type.
- Made of steel sheet with epoxy coating providing rust protection equal or better than that achieved by galvanizing.
- Drain valve to drain stagnant water out of the tank periodically.
- Safety Valve on the tank Opens and reduces the pressure when the pressure in the tank reaches at higher threshold pressure point.
- The Receiver tank should have the following items;
Air inlet, Air outlet Safety valve, Inspection hole, Pressure gauge, Drain valve, Cleaning hole, Checking window

5. Desiccant Dryer with air filtration system

- The unit should dehumidify bacteria removal and pressure reduction of compressed air to supply medical clean air to treatment area.
- The unit should comprise of Desiccant air dryers, Dual air purification filters system and air regulators. 40°C dew point is accomplished.
- Air Filter (Water Separator, Mist Separator and Micro mist Separator) absorbs the oil and odors.
- Duplex System required, one line should be used as a main line. The other line shall be as a bypass line. Built in Regulator reduce the pressure to a constant 4/7 bar.
- The Unit should have the following items:-Pre filter, After filter, Fine filter, Pressure regulator, Bessel pressure gauge, Dew point sensor.

6. Site renovation and installation of equipment

- Complete site renovation of compressor room with complete copper pipe installation for compressor unit and electric work,
BED HEAD UNIT (Qty-14)
- 1,500 mm horizontal type unit made of aluminum.
- Built in reading light, with on/off switch with each panel
- Gas Outlets (2 Oxygen, 1 Vacuum, 1 Air (4 Bar)
- Electrical sockets: 10 Nos. (3 Nos. Multi pin plug and 4 Nos. shako 3 Nos. power Socket)
- Built in wall Suction unit (regulator)with 1000 cc bottle and probe 01 with each panel

- Built in Flow meter with humidifier and probe 01 with each panel
- Control Valve (Ball Valve) with fitting for bed head unit
- All wiring conforms to standards, ground / earth
- Separate ducts for Electrical & Gas pipes.

1) OXYGEN FLOWMETER WITH HUMIDIFIER AND PROBE:- Qty-14 Nos.

- The flow meter fits a needle valve with gas-specificity marked and colored adjusting knob and has a chrome plated brass body. The measuring tube is made of polycarbonate making them suitable for heavy duty applications.
- Technical detail
- Chrome-plated brass body.
- Supply max. pressure 5 to b bar
- Scale from 1 – 15 L/min
- Humidifier
- The bubbling humidifiers for oxygen therapy are devices allowing increasing the relative humidity of the oxygen supplied to the patient. Used both for hospital and home therapy, the humidifiers increase the moisture content of the oxygen. Supplied to the patient to make the gas more easily tolerated. They are manufactured of polycarbonate with chrome-plated brass nipples and are Autoclavable
- Technical Detail
- Inner volume: 200 ml
- Max. Applicable pressure value: 500kPa
- Max. Applicable flow value: 20 L/min.

2) VACUUM REGULATOR WITH PROBE:- Qty-14 Nos.

- The vacuum regulator is particularly suitable for all medical suction applications in Hospitals and nursing homes. This device has a rugged techno polymer body, a quick O-I push button switch, a suction adjustment knob and a control vacuum gauge with full-scale -1000mbar.
- Vacuum regulators, renowned for their safety and reliability, can also be fitted, with direct connection, to the collection jars for suctioned liquids.
- Technical Detail
- Maximum suction rate : 72 L/min. ± 5 L/min. at -550 mbar
- Maximum adjustable depression :-550 mbar
- Maximum supply depression :-950 mbar
- COLLECTION JAR
- Polycarbonate Autoclave able and Unbreakable Suction Jar 1000 mL with Screw Lid.

Standard Terms & Conditions:

- 1) Firm will ensure PSI and training of three persons one is be nominated by director services and two to be nominated by commandant POF Hospital for one week all expenses of ticketing, lodging, boarding and visa arrangement would be the responsibility of firm.
- 2) List of equipment available for providing calibration and routine maintenance support as per manufacturer documentation in service/technical manual.

- 3) The firm should have more than 05 years experience in concern line of business.
- 4) Firm must arrange demo unit of quoted model at the time of technical evaluation
- 5) OEM must provide complete information about their local supplier / Sole distributor in Pakistan who will be responsible for after sale services.
- 6) Firm should have certified company trained engineers who must be trained on quoted system.(certificates must be attached with technical bid)
- 7) A comprehensive list of above said units installed worldwide along with after sale service infrastructure in Rawalpindi / Islamabad will be provided.(list must be attached with technical bid)
- 8) Original brochure of quoted model with detailed specifications must be provided by the firm. Net generated brochure will not be acceptable.
- 9) POF reserves the right to reject any firm's offer on the basis of quality/ services issues
- 10 Standardization: FDA or CE
- 11 Power Supply: 220 V AC \pm 10%, 50 Hz.
- 12 Country of Origin: western Europe /USA/Japan/UK

ANNEX "C"

SPECIAL CONDITIONS

1. STANDARD ACCESSORIES THE COST OF WHICH IS COVERED IN BASIC UNIT SHOULD BE CLEARLY INDICATED AND LISTED AS A PART OF BASIC EQUIPMENT.
2. OPTIONAL ACCESSORIES, IF AT ADDITIONAL COST, SHOULD BE SHOWN SEPARATELY.
3. THE LIST AND PRICE OF RECOMMENDED SPARE PARTS REQUIRED FOR THREE YEARS TROUBLE FREE OPERATION SHOULD BE QUOTED.
4. EQUIPMENT WILL BE INSTALLED AND COMMISSIONED AT POH HOSPITAL WAH CANTT FREE OF CHARGE.
5. THE FIRM WILL PROVIDE **03 YEARS** WARRAANTY/GUARANTEE OF THE ENTIRE SYSTEM FROM THE DATE OF SUCCESSFUL COMMISSIONING. DURING THIS PERIOD REPLACEMENT OF ANY COMPONENT/PART IF NECESSARY WILL BE MADE BY THE FIRM FREE OF CHARGE IN ADDITION TO FREE SERVICE. THE SUPPLIER SHOULD ALSO CONFIRM THAT THEY HAVE PROPER SERVICES AND CONFIRM THAT THEY HAVE LOCCAL REP. ADDRESS, TELEPHONE/FAX NUMBER AND THE CONTACT PERSONS SHOULD BE CLEARLY STATED IN THE QUOTATION AND UNDERTAKING DULY SIGNED BY YOUR LOCAL REP. FOR MAINTAINING AND PROVIDING AFTER SALES SERVICES TO THE EQUIPMENT ON YOUR BEHALF DURING AND AFTER WARRAANTY/GUARANTEE PERIOD MUST BE ENCLOSED.
6. THE FIRM WILL ENCLOSE AN UNDERTAKING TO GUARANTEE FOR SUPPLY OF SPARE PARTS UP TO 20 YEARS AS AND WHEN REQUIRED.
7. CONSUMABLE BEING OFFEREDE FREE OF CHARGE WILL BE IDENTIFIED SEPARATELY.
8. THE FIRM SHOULD MENTION PRODUCT YEAR OF MAUNFACTURING AND REFERENCES WHERE THE QUOTED MODEL IS AVAILABLE/ INSTALLED IN PAKISTAN.
9. THE PAYMENT WILL BE MADE AGAINST L.C. TO BE ESTABLISHED IN FAVOUR OF FOREIGN PRINCIPAL/FIRM. 70% PAYMENT WILL BE MADE AGAINST SHIPPING DOCUMENTS AND BALANCE 30 % ON RECEIPT AND ACCEPTANCE OF MACHINE/EQUIPMENT IN POF.
10. THE SUCCESSFUL BIDDER WILL PROVIDE PERFORMANCE BOND AT THE RATE OF 10% OF FOB VALUE