



POF 1262-A
(INDEGENOUS SUPPLIES)

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

TO

PPRA & MIS

Dear Sirs,

Reference: TENDER ENQUIRY NO. 4145-EM-18(25)-LP-PUR-HOSP DATED 14-04-2018

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 **09 May 2018** 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-18(25)-LP-PUR-HOSP**
Tender to be opened on: **09 May 2018**
Address as follows:- **DY.COMMANDANT-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:-

F.O.R station of dispatch basis, i.e delivered free on rail, inclusive of packing and forwarding charges. The stores will be biked under Military Credit Note, to be provided by the purchaser

And/or

Free delivery at POF’s stores at POFs Wah Cantt.

In this case Octori duty will be available by the supplier.

2.8 Taxes and Duties etc, where applicable, must be shown separately, quoting reference to Registration No. in Sales Tax and relevant authority. In the case of inclusive of Taxes and Duties the offer may be ignored.

2.9 Taxes and duties levied on or after Tender opening date or on or after the date offer was signed and dispatched will be allowed to include in the offered rates.

2.10 “Suppliers will furnish a certificate, issued by Excise & Taxation deptt;, that he has cleared all Professional Tax payable by him”. Offers received without this certificate will be rejected.

2.11 If the requisite information is not furnished on the T.E forks or offer received is not conformity with the requirement of T.E such offer shall be ignored.

2.12 The supplier will render necessary information regarding hazardous effects on environment of the material/products supplied by them, alongwith despatch documents.

2.13 “Suppliers will furnish a valid Authorization/agent certificate of your foreign Principal of requisite equipment for Pakistan which is must attach with the quotation

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 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. TENDER FEE

The tender must be accompanied by a non-refundable fee by means of a crossed postal order/Pay order of Rs. 500/- in favour of DIRECTOR ADMIN. POFs Wah Cantt.

5. BID MONEY

- 5.1 Bid Money at the rate of 2% (for Registered firms with POFs) & 5% (For Un-Registered with POFs) firms of the quoted value should accompany the tender in the shape of Deposit At Call Receipt/Pay Order/Banker's cheque from a scheduled Bank drawn in favour of:-
Dy. Commandant-POF Hospital, POF Wah Cantt.

- 5.2 Tender received without Bid Money or with Deposit At Call Receipt/Pay Order/Banker's cheque valuing less than prescribed limit of the Bid money will be rejected. Bid Money of the unsuccessful tenderers will be returned as soon as the scrutiny of the tenders is completed. Bid Money of the successful Tenderer will be retained until the contract is finalized. Bid Money will be forfeited in case the quotation is withdrawn before the expiry of its validity date.

- 5.3 State owned organizations are not required to provide Bid Money.

6. ACCEPTANCE OF OFFERS

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

6.2 PERFORMANCE BOND

- (a) The successful bidder shall provide Performance Bond @ 10 % of total value of contract, in the form of a Deposit at Call Receipt from a scheduled Bank or an un-conditional Bank Guarantee on the prescribed format. The performance bond will be in favour of CMA (POF) Wah Cantt. It will be returned on satisfactory completion of contract.
- (b) If the Supplier fails to furnish the Performance Bond within the specified time, such failure will constitute a breach of the contract and the Purchaser shall be entitled to make other arrangements for purchase of the stores at the risk and expense of the Supplier.

6.3 Performance Bond

From State owned organizations may be waived off at the discretion of the Purchaser.

6.4 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.

6.5 PAYMENT

- a) Payment will be made by the CMA (POF) Wah Cantt through crossed cheque on receipt/acceptance of stores on our prescribed bill from supported by receipt voucher on part/full supply basis.
- b) Only registered suppliers (with sales tax & Income tax deptt) who are on active taxpayer list (ATL) of FBR are eligible to supply goods /services to government departments.
- c) The payment to registered persons may be linked with the active taxpayer status of the suppliers as per FBR data basis. if any registered suppliers is not ATL his payment should be stopped till the mandatory returns and appears on ATL of FBR.

7. SECURITY OF INFORMATION

The tender 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 etc, if any, enclosed herewith - even if you are unable to quote.

Yours faithfully,

Manager Purchase-POF Hospital

PAKISTAN ORDNANCE FACTORIES

SCHEDULE TO TENDER ENQUIRY NO. 4145-EM-18(25)-LP-PUR-HOSP

DATE 14-04-2018

(1) **FOR MATERIALS**

Item No	Description with Spec etc.	Unit	Quantity	Price Figure	Price in Words	Delivery Date
1.	<u>DETAIL OF MACHINERY:-</u> Specifications;- (Attached as Annexure-B)					Immediate

(2) For Plant & Machinery:-

(3) **Special Conditions.**

- 1 SALES TAX EXEMPTED FROM HOSPITAL SUPPLIES.
 2. OFFER WITHOUT BID MONEY AND TENDER FEE WILL NOT BE CONSIDERED.
 3. DATE AND STAMP OF THE POSTAL ORDER MUST BE VISIBLE.
- (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 Renderer _____

Date _____ Name _____

_____ Position _____

_____ Address _____

Income Tax G.I.R No. _____

Annexure-B

1. **Detail of Machinery:**
1. **BiPAP Machine** (Qty-06 Nos.)
 2. **Cough Assist Machine** (Qty-01 Nos.)
 3. **Bed Side Bronchoscope** (Qty-01 No.)
 4. **Video Bronchoscope** (Qty-02 No.)
 5. **Video Laryngoscope** (Qty-01 No.)
 6. **Spirometer** (Qty-01 No.)

Specifications:**BiPAP Machine** (Qty-06 Nos.)**Advanced BiPAP Machine for Non-Invasive ventilation (Qty-04 Nos.)**

1. Modes should be CPAP, Spontaneous, Spontaneous/ Timed, Timed, Pressure Control with average volume assured pressure support facility.
2. Features of average volume assured pressure support to automatically adapt to disease progression and changing patient needs
3. Displayed parameters like Patient pressure, leak, tidal volume, minute ventilation, and respiratory rate
4. Patient alarms like Patient Disconnect, Apnea, Low Minute Ventilation, Low Tidal Volume – option for Heated Humidification

Pressure ranges

- | | | |
|------------------------|---|-----------------------------|
| 5. Inspiratory time | : | 0.5 to 3.0 seconds |
| 6. IPAP | : | 4 to 30 cm H ₂ O |
| 7. EPAP | : | 4 to 30 cm H ₂ O |
| 8. Target tidal volume | : | 200 – 1500 ml |
| 9. Breath rate | : | 0 – 30 bpm |

Accessories:

10. Under the nose Oro Nasal mask (Qty-03 Nos.)
11. Nasal mask with 3 size cushions (Qty-03 Nos.)
12. Air tube (Qty-03 Nos.)
13. Carrying Bag
14. Data Storage Card
15. PC Software to review patient compliance data
16. Should have full face mask, software CD, data storage and review facility.

BiPAP Machine (Non Invasive + Invasive) (Qty-02)

1. Should have both invasive and non-invasive ventilation.
2. Can be used for adult and pediatric patients weighing at least 10 kgs.
3. Should have integrated heated tube humidifier and reusable patient tubing with embedded heater wire.
4. Should provide automatic titration on pressure support, expiratory positive airway pressure (EPAP) and automatic back up rate.
5. Should have options to delete low inspiratory effort of the patient to trigger and cycle breathes easily.
6. Patient's numeric data on the ventilator.
7. Should have display option of the patient respiratory rate.

8. Should have detachable battery with 05 hour or more battery backup.

Ventilation Modes

Pressure modes:

9. Continuous Positive Airway Pressure (CPAP)
10. Spontaneous (S)
11. Spontaneous Timed (S/T)
12. Timed (T)
13. Pressure Control (PC)
14. Average Volume Assured Pressure Support (AVAPS) which can be set with S, S/T, T and PC modes

Special modes:

15. Average Volume Assured Pressure Support with Auto EPAP (AVAPS-AE)

Ventilation Settings & Parameters

16. IPAP : 4 to 40 cmH₂O
17. EPAP : 4 to 25 cmH₂O
18. Breath Rate : 0 to 40 bpm
19. Inspiratory Time : 0.3 to 3 seconds
20. Tidal Volume : 200 to 1,500 mL
21. Rise Time : 1 to 6 (100 ms to 600 ms)
22. AVAPS Rate : 0.5 to 5 cmH₂O, adjustable
23. Trigger Type: Auto-Trak, Auto-Trak Sensitive or Flow Trigger Sensitivity from 1 Lpm to 9 Lpm
24. Flow Cycle : Auto-Trak, Auto-Trak Sensitive or Flow Cycle Sensitivity from 10% to 90%
25. Apnea Rate : 4 to 60 bpm
26. C-PaP: 4-20 cmH₂O

Ventilator Alarms:

Patient alarms:

27. High, Medium and Low priority alarms, both audible and visual
28. Low Minute Ventilation
29. High Respiratory Rate
30. Circuit Disconnection
31. Apnea
32. Low Tidal Volume (when AVAPS is enabled or in AVAPS-AE mode)

Displayed Parameter

33. Exhaled Tidal Volume (range: 0 to 2,000 mL)
34. Respiratory Rate (range: 0 to 60 bpm)
35. Exhaled Minute Ventilation (range: 0 to 25 Lpm)
36. Estimated Patient Pressure (range: 0 to 40 cmH₂O)
37. I : E Ratio (range: 9.9 : 1 to 1 : 9.9)
38. Estimated Leak Rate (0 to 175 Lpm)

Accessories:

39. Under the nose Oro Nasal mask (Qty-03 Nos.)
40. Nasal mask with 3 size cushions x (Qty-03 Nos.)
41. Air tube (Qty-03 Nos.)
42. Carrying Bag
43. Data Storage Card
44. PC Software to review patient compliance data

Cough Assist Machine (Qty-01 Nos.)

1. Inhale pressure/ Positive pressure 0 to 70 cmH₂O
2. Exhale pressure/Negative pressure 0 to -70 cmH₂O
3. Inhale time 0 to 5 second
4. Exhale time 0 to 5 second
5. Pause time 0 to 5 second
6. Oscillation OFF/Inhale/Exhale/Both
7. 10 x disposable patient circuits
8. Trolley / Roll Stand

Bed Side Bronchoscope (Qty-01 No.)

1. Portable bed side fiber Bronchoscopes with high optical quality.
2. Can be operated in ICU, Ward, Emergency & OT
3. It should facilitate administration of drugs & to maintain difficult airways intubation.
4. It should have a provision for anesthesia in patient to facilitate ventilation of lungs.
5. Portable bronchoscope should have superfine image technology delivers bright & clear, high resolution images for superior observation.
6. It must have close suction valve & accurate light in weight control body.
7. Fully immersible & Reprocessible
8. Angle of View 100° or more
9. Range of observation 3 - 50 mm
10. Insertion Tube Diameter 4.9mm or less
11. Channel Diameter 1.95mm or better
12. Angulations (Up/Down) 180°/130° or better
13. Working length: 600 mm
14. Scope should be equipped with miniature LED light source
15. Scope should have all the standard list accessories.
16. Should be compatible with existing HD Latest PENTAX video processor Model: EPK-i5000 & Olympus video processor Model: EVIS LUCERA CV-260FL.
17. Scope trolley with holder and drug drawers.

Video Bronchoscope (Qty-02 No.)

1. Endoscope should have HD image quality for Endo-Bronchial procedures.
2. HD endoscope should be capable for i-scan/ fluorescence imaging.
3. It should have efficient removal of secretion and control of bleedings
4. It should have strong suction even with accessory in place
5. It must be capable for accessing to right upper lobe due to 210° tip deflection.
7. Field of View 120 degree or more.
8. Depth of Field 3-100mm
9. Direction of View Forward 0 degree.
10. Insertion tube diameter 5.2 mm or less
11. Instrument channel 2.0 mm or more.
12. Working Length 600mm or better
13. Wide Range angulations
 - a. Up 210 degree
 - b. Down 130 degree
14. Anti-loop connector: 180 degree
15. Ergonomic control section for easy to reach suction valves and angulations lever for easier intubation and access to target areas.

16. Complete With all standard accessories.
17. Should be compatible with existing HD Latest PENTAX video processor Model: EPK-i5000 & Olympus video processor Model: EVIS LUCERA CV-260FL.
18. Scope trolley with holder and drug drawers.

Video Laryngoscope (Qty-01 No.)

Monitor Video Laryngoscope

1

1. Portable
2. The PM can also be used with Macintosh# 4 , D-blade and all other C-Mac V.L
3. 3.5" or more OTI Display with wide viewing angle of 160°
4. High-Contrast images, even in bright daylight
5. IPX8: Absolutely water and dust proof, validated for all standard reprocessing
6. Methods up to 65°
7. Certified for air rescue: RTCA/DO-160F, MIL-STD
8. Operating time 1 h/charging time approx . 2 h

CMOS Technology based Video Laryngoscope

1

1. Standard Macintosh blades and Miller blades
2. Angle of View 80o or better
3. CMOS Technology with integreted LED light source
4. Blade tip should be visible on the monitor
5. Can also be used for direct laryngoscopy in case of power failure
6. Following blades are required:
7. Macintosh Balde Size 4, 3, 1 autoclave able reusable
8. Robust design - Drop tested
9. Clinical technique standard Laryngoscope/ Midlines
10. Power lithium battery 03 Hrs used / charger.
11. Auto fogging Screen .

3

Spirometer (Qty-01 No.)

1. Spirometer with 1000 or above test memory
2. Bluetooth, USB connection
3. Records best 3 trials
4. Up to 8 blows on one screen
5. Screen size at least 5" or above
6. Internal temperature sensor for BTPS conversion
7. FVC, VC with breathing pattern plus MVV tests with real time curves and flow volume loops.
8. Over 30 parameters with automatic interpretation and test quality control
9. PRE/POST bronchodilator comparison
10. Built-in thermal printer for full Spiro-metric report printing.
11. Rechargeable battery and mains power
12. Turbine flow sensor.
13. Auto calibration mode.
14. PC based.
15. Model: Latest Version

Accessories:

16. Complete main unit with:
17. Nose Clip, Mouthpiece & Thermal Paper = 100 each (disposable)
18. Operation Manual & Carrying Case= 1 each

19. Spiro meter software
20. imported trolley

Standard Terms & Conditions:

1. Warranty: The vendor will be responsible for maintenance of the equipment including parts and service for the period of 3 years.
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. Sole distribution in original must be attached with technical bid otherwise bid will be ignored at tender opening.
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 in reputable hospitals along with after sale service infrastructure in Rawalpindi / Islamabad will be provided.(list must be attached with technical bid)
8. Original manufacturer's service manuals, operational manual and 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. Firm to guarantee the supply of spare parts up 10 years on as and when required basis
11. Standardization: FDA or CE
12. Power Supply: 220 V AC \pm 10%, 50 Hz.
13. Country of Origin: Europe/USA/Japan/UK

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 POF 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.. TWO SETS MANUALS IN ENGLISH WILL BE PROVIDED FREE OF COST INSTALLATION MANUAL AND OPERATIONAL MANUAL.
6. THE FIRM WILL ENCLOSE AN UNDERTAKING TO GUARANTEE FOR SUPPLY OF SPARE PARTS UP TO 10 YEARS AS AND WHEN REQUIRED.
7. CONSUMABLE BEING OFFERED 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. QUOTATION MUST BE PREPARED AS PER CONDITION NO.2.2 OF T.E PART-1 "TECHNICAL OFFER" IT SHOULD EXCLUSIVELY GIVE TECHNICAL DETAILS AND LITERATURE/BROACHERS OF THE OFFERED PLANT, MACHINERY AND EQUIPMENT. VALIDITY DATE, DELIVERY SCHEDULE AND SIGN UNDER TAKING GIVEN ON THE SCHEDULE TO THIS STANDSRD INQUIRY. IT MUST NOT INDICATE PRICE, COST ETC..PART-II COMMERCIAL TERMS E.G.PRICE, TERMS OF PAYMENT MODE OF PAYMENT, MODE OF SUPPLY. EACH PART SHOULD BE PLACED IN A SEPARETAE SEALED ENVELOP. THE ENVELOPES SHOULD BE INSCRIBED WITH PART-I "TECHNICAL QUOTATION WITH OUT PRICE" AND PART-II "COMMERCIAL QUOTATION WITH PRICE."
10. TENDER FEE AND EARNEST MONEY MAY BE PLACED IN SEALED SEPARATE ENVELOPS.
11. ONLY REGISTERED SUPPLIERS (WITH SALES TAX & INOME TAX DEPTT) WHO ARE ON ACTIVE TAXPAYER LIST (ATL) OF FBR ARE ELLIGIBLE TO SUPPLY GOODS /SERVICES TO GOVERNAMENT DEPARTMENTS.
12. THE PAYMENT TO REGISTERED PERSONS MAY BE LINKED WITH THE ACTIVE TAXPAYER STATUS OF THE SUPPLIERS AS PER FBR DETABASIS.IF ANY REGISTERED SUPPLIERS IS NOT ATL HIS PAYMENT SHOULD BE STOPPED TILL THE MANDATORY RERTURNS AND APPEARS ON ATL OF FBR.