



POF 1262-A  
(INDIGENOUS SUPPLIES)

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

To

M/s

---

---

---

---

Dear Sirs,

Reference : TENDER ENQUIRY NO. 0027/HOSP/LP/48-A

DATED 26-08-2019

You are requested to submit sealed quotations for the item(s) noted in the Schedule to the Tender. Offer should be sent duly sealed in an envelope. Fax offer received before opening of Tender is acceptable. Please note the following instructions for filling the tender:-

**1. SUBMISSION OF TENDER**

1.1 Tenders will be opened at 1200 hours on 17-09-2019 in Bid Centre adjacent to Rabita Hall POF Wah Cantt. Tenders must reach this office on or before 1130 hours. The 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: 0027/HOSP/LP/48-A DT. 26-08-2019  
Tender to be opened on: 17-09-2019  
Address as follows:-

I/C CR SECTION C-04

WAH CANTT

1.3 If envelope does not indicate reference of T.E or received late the same may be returned un-opened.

**2. GENERAL INSTRUCTIONS REGARDING PREPARATION 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 all kinds of tenders, 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; and 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 open of tenders.

2.4 The quotation should hold good for any reduced or enhanced quantities without notice.

**2.5 In the event of non-acceptance of offer, intimation may be given to the tenders on their request.**

2.6 Conditional offers or alternative offers are likely to be ignored.

2.7 Quotations should be based on:-

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

Free delivery at POF's hospital at **WAH CANTT**

In this case Octroi duty if any,will be payable by the supplier.

2.8 Taxes and Duties etc. where applicable, must be shown separately, quoting references to Registration No. in cases of Sales Tax and relevant authority in the case of others. Offers without these clarifications and inclusive of Taxes and Duties 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 despatched 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 forms 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, in their quotations and shipping/despatch documents.

### **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 in favour of: **Director Admin POF WAH CANTT.**

Tender Fee Is Rs, 500.

**4.1 TENDER SAMPLE**

Where required, offer must accompany tender sample., strictly according to the description and specification given in Tender Enquiry. Offer not accompanied by tender sample will NOT be entertained excepting the established and reputable firms who have either previously satisfactorily supplied the same or similar stores or have submitted an acceptable sample thereof against previous T.E.

**5. BID MONEY**

5.1 Bid Money at the rate of 2% (for registered firms) and 5% (for unregistered 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 HOSPITAL WAH CANTT.**

5.2 Tenders received without Bid Money or with CDR 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 tenderers will be retained until the contract is finalised. 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 POF may reject all bids or proposals at any time period to the acceptance of the bid or proposals, but is not required to justify grounds for its rejection. POF shall incur no liability towards suppliers or contractors who have submitted bids or proposals.

**6.2 PERFORMANCE BOND**

(a) The successful bidders shall provide performance bond at the rate of 10% of the total value of contract, in the form of Deposit At Call Receipt from a scheduled Bank; or, an un-conditional Bank Gaurantee valid for 12 months (03 months extendable to 12 months in case of cloth items required by Clothing Fy.) after receipt of store in POFs on a 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. In case of 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 of the particular stores which remained unsupplied either in part or in full; or, to purchase, from elsewhere, the unsupplied stores at the risk and cost of the supplier.

6.5 PAYMENT

Payment will be made by the CMA(POF) through crossed cheques on receipt/ acceptance of stores on our prescribed bill form supported by receipt voucher on part/full supply basis.

(a) Payment of duties/Taxes including professional tax (where applicable) must be supported by proof of having paid these to concerned Govt. Taxation Deptt.

7. SECURITY OF INFORMATION

The tenderer 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 authorised in writing by POFs to receive it.

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

WARNING In case the firm abstain from making offers or fail to return/ acknowledge the tender form by the specified date on three consecutive occasions, no further tender enquiry may be issued to them and their names would liable to be removed from the approved list.

Yours faithfully

HAFIZ MUHAMMAD BASHIR  
MANAGER PURCHASE-HOSP

for PAKISTAN ORDNANCE FACTORIES

## PAKISTAN ORDNANCE FACTORIES

SCHEDULE TO TENDER NO. 0027/HOSP/LP/48-A

26-AUG-19**(1) FOR MATERIALS**

(1)	(2)	(3)	(4)	(5)	(6)
Item No.	Description with Specs. etc.	Manufacturer	Unit	Qty	Quoted Rate (Rs.)
<b>Indent No. 0027/LP/HOSP/48 Dated 22-02-2019</b>					
001	DUCT 16 X 38 Spec: DUCT	ADAMJEE/DURA OR EQUIVALENT	METER	2000	
002	DUCT 40 X 40 Spec: DUCT	ADAMJEE/DURA OR EQUIVALENT	METER	300	
003	DUCT 50 X 50 Spec: DUCT	ADAMJEE/DURA OR EQUIVALENT	METER	80	
004	CABLE MANAGER RACK MOUNT 1 U Spec: CABLE MANAGER RACK	3M OR EQUIVALENT	NO	20	
005	24 PORT PATCH PANEL LOADED WITH 24 CAT 6 I/O'S Spec: PATCH PANEL	3M OR EQUIVALENT	NO	6	
006	48 PORT PATCH PANEL LOADED WITH 48 CAT 6 I/O'S Spec: PATCH PANEL	3M OR EQUIVALENT	NO	6	
007	FACE PLATE BACK BOX & I/O Spec: FACE PLATE	3M OR EQUIVALENT	NO	250	
008	ODF 24 PORTS RACKMOUNTED WITH SC CONNECTORS Spec: ODF 24 PORTS	3M OR EQUIVALENT	NO	5	
009	ODF 48 PORTS RACKMOUNTED WITH SC CONNECTORS Spec: ODF 48 PORTS	3M OR EQUIVALENT	NO	1	
010	SFP OPTICS SINGLE MODE 1000 BASE Spec: SFP OPTICS	CISCO OR EQUIVALENT	NO	10	
011	UTP CAT 6 CABLE WITH ACCESSORIES Spec: UTP CAT 6	3M OR EQUIVALENT	ROLL	45	
012	UTP CAT 6 PATCH CORD 1 METER Spec: UTP CAT 6	3M OR EQUIVALENT	NO	250	
013	UTP CAT 6 PATCH CORD 3 METER Spec: UTP CAT 6	3M OR EQUIVALENT	NO	250	
014	AERIAL FIBRE CABLE 48 CORE (G.652.D) WITH FIBRE ACCESSORIES / HARDWARE Spec: ARIAL FIBRE CABLE	PREMIER CABLE OR EQUIVALENT	METER	1000	

(2) For Plant & Machinery:  
Specification:-

## PAKISTAN ORDNANCE FACTORIES

SCHEDULE TO TENDER NO. 0027/HOSP/LP/48-A

26-AUG-19**(3) Special Conditions**

SPECIFICATIONS FOR DIFFERENT ITEMS ARE AS UNDER

ITEM NO.1 SFP 1000BASE-LX GIGABIT ETHERNET OPTICS, 1310NM FOR 10KM TRANSMISSION ON SMF

I-1G SFPs SHOULD BE COMPATIBLE WITH IEEE 802.3Z 1000BASE-LX STANDARD.

II-AT LEAST 1 GBPS DATA LINKS

III-DUPLEX LC CONNECTOR INTERFACE

IV-HOT-PLUGGABLE SFP FOOTPRINT

V-1310 NM WAVELENGTH SUPPORTED.

VI-SHOULD SUPPORT SINGLE MODE

VII-SINGLE +3.3V POWER SUPPLY.

IX-LOW POWER DISSIPATION <800MW.

X-TRANSMISSION DISTANCE UP TO 10KM

XI-METAL ENCLOSURE, EXCELLENT EMI & ESD PROTECTION

XII-OPERATING CASE TEMPERATURE STANDARD: 0? ~ +65?

ITEM NO.4 AERIAL FIBRE CABLE 48 CORE (G.652.D) WITH FIBRE ACCESSORIES/HARDWARE

FIBER ATTRIBUTES

I-"MODE FIELD DIAMETER SHOULD HAVE NOMINAL VALUES 8.6-9.5µM RANGE WITH TOLERANCE OF ±0.6µM AT OF ±0.6µM AT 1310 NM WAVELENGTH.

II-"CLADDING DIAMETER SHOULD HAVE NOMINAL VALUE OF 125.0 µM WITH TOLERANCE OF ±1µM.

III-"CORE CONCENTRICITY ERROR SHOULD BE MAXIMUM 0.6µM.

IV-"CLADDING NON-CIRCULARITY SHOULD HAVE MAXIMUM OF 1.0%.

V-"CABLE CUTOFF WAVELENGTH SHOULD BE 1260NM.

VI-"MACRO BEND LOSS SHOULD BE MAXIMUM 0.1 DB AT 1625NM HAVING RADIUS 30MM AND NUMBER OF TURNS 100.

VII-"PROOF STRESS SHOULD BE MINIMUM 0.69 GPA.

VIII-"CHROMATIC DISPERSION COEFFICIENT SHOULD BE 0.092 PS/NM<sup>2</sup> X KM AT 1300NM-1324NM.

CABLE ATTRIBUTES

I-"HIGH CRUSH POTENTIAL CABLE RECOMMENDED ARMORED

II-"SINGLE MODE 9/125 µM AND CENTRAL LOOSE TUBE DESIGN.

III-"DESIGNED WITH SUFFICIENT STRENGTH MEMBERS TO MEET INSTALLATION AND SERVICE CONDITIONS.

IV-"10GBPS BANDWIDTH FOR LAN & WAN AT POFs.

V-"ATTENUATION COEFFICIENT SHOULD BE MAXIMUM 0.4DB/KM AT 1310NM-1625NM

VI-AND 1383NM WHEREAS IT SHOULD BE MAXIMUM 0.3DB/KM AT 1550NM.

VII-"PMD COEFFICIENT AT M=20 CABLES AND Q=0.01% SHOULD BE MAXIMUM PMDQ=0.20PS/KM.

VIII-"SHOULD BE IMMUNE TO LIGHTNING STRIKES WITH SUPERIOR MOISTURE PROTECTION.

IX-"SHOULD BE ULTRA-LIGHT WEIGHT / FLEXIBLE FOR EASY HANDLING AND INSTALLATIONS.

INSTALLATION MATERIAL/ SERVICES:

I-"SPLICING - QTY300 (NOS)

II-"ODF 24PORT WITH COUPLERS (QTY-05 NOS)

III-"ODF 48PORT WITH COUPLERS (QTY-01 NOS)

IV-"FIBER PATCH CORDS- LITECH OR CORNING (QTY- 50 NOS)

V-"PIGTAILS - (QTY300 NOS)

VI-SERVICES INCLUDES FIBER PULLING, LAYING,

VII-"INSTALLATION OF AERIAL CONDUITS/POLES, LAYING OF FIBER INSTALLATION OF ODF IN

"SPLICING OF FIBER AS PER REQUIREMENT

VIII-"OTDR FIBER TESTING.

NOTE: ABOVE ARE THE ESTIMATED QUANTITIES AND WILL BE CHARGED AS PER ACTUAL HOWEVER UNIT PRICE WILL BE REMAIN SAME.

ITEM NO.5 UTP CAT6 CABLE WITH UTP ACCESSORIES/HARDWARE

I-3M UTP PREFERRED.

II-ADHERE TO STANDARDS/PROTOCOLS IEEE 802.3, IEEE 802.5, IEEE EN50167, FDDI

50173, ATM ISO / IEC 11801, RNIS EIA/TIA 568-B, IEC 61156-5.

III-INSTALLATION CHARACTERISTICS SHOULD HAVE MAXIMUM PULLING TENSION (N): 100,

MINIMUM BEND RADIUS DURING INSTALLATION (MM): 60, MINIMUM INSTALLED BEND RADIUS

(MM): 30, NOMINAL WEIGHT: 57 KG/KM.

IV-TEMPERATURE RATING ( °C): INSTALLATION: 0 TO +50 AND OPERATION: -20 TO +60

V-EXCELLENT ELECTRICAL PERFORMANCE - TESTED TO 450MHZ, REDUCED PAIR TWIST ON ALL 4

PAIRS, LENGTH MARKINGS ON CABLE SHEATH.

## PAKISTAN ORDNANCE FACTORIES

SCHEDULE TO TENDER NO. 0027/HOSP/LP/48-A

26-AUG-19

VI-ELECTRICAL CHARACTERISTICS AT 20° C SHOULD INCLUDE CONDUCTOR RESISTANCE AT 20° C (MAX.): 82 Ω/KM, INSULATION RESISTANCE (MIN.): 5000 MΩ/KM, VELOCITY (NOM.): 80 %, CHARACTERISTIC IMPEDANCE: 100 +/- 5 Ω (100 MHZ), MUTUAL CAPACITANCE (NOM): 42 PF/M, PROPAGATION DELAY SKEW: 12 NS/100M.

## ACCESSORIES/SERVICES:

(FOLLOWING ARE ESTIMATED QUANTITIES AND WILL BE CHARGED ON ACTUAL)

1-POWER WORK (PAKISTAN CABLE, CIRCUIT BREAKER CLIPSAL, MULTIPOINT SOCKET- QTY-10 (NOS),

2-PVC FLEXIBLE PIPE ADAMJEE 1.5" QTY- 50 METER

-PVC FLEXIBLE PIPE ADAMJEE 1" QTY- 50 METER

## SERVICES:

1"FOR COMPLETE SETUP OF LAN INFRASTRUCTURE AS PER ABOVE INCLUDING LAYING OF UTP CABLE/DUCTING, INSTALLATION/TERMINATION OF UTP AT FACE PLATE END/PATCH PANEL END

2-TESTING WITH FLUKE METER (TEST RESULTS SHOULD BE SUBMITTED)

3-DUCTING WILL BE DONE AT ROOF TOP OF POF HOSPITAL

4-INSTALLATION OF WALL MOUNTED CABINETS ETC.

NOTE: ABOVE ARE ESTIMATED QUANTITIES AND WILL BE AS PER ACTUAL, HOWEVER UNIT PRICE WILL BE REMAINS SAME.

01 All Active networking equipment should be of Cisco brand or equivalent.

02 All Passive Items should be of 3M Brand or Equivalent

03 All quoted equipment should be new. No refurbished and used equipment will be supplied during the course of the project. The firm must certify that the technology quoted is State of the art and latest.

04 All the products quoted and/or assembling facilities should be ISO certified.

05 Firms should have support centres in Rawalpindi/Islamabad.

06 The supplier will be responsible for laying and installation of ducts, UTP cable, face plats, back boxes, patch panel and cable manager,

07 Machines, Documentary proof with customer satisfaction report required

08 Sole distribution in original must be attached with technical bid otherwise bid will be ignored at tender opening.

09 POF reserves the right to reject any firm's offer on the basis of quality/ services issues.

10 Fiber Cable should be of Premier Cable or Equivalent

11 Power Supply: 220 V AC ± 10%, 50 Hz.

12 Firm to guarantee the supply of spare parts up 05 years on as and when required basis

13 STANDARD ACCESSORIES THE COST OF WHICH IS COVERED IN BASIC UNIT SHOULD BE CLEARLY INDICATED AND LISTED AS A PART OF BASIC EQUIPMENT.

14 OPTIONAL ACCESSORIES, IF AT ADDITIONAL COST, SHOULD BE SHOWN SEPARATELY

15 THE LIST AND PRICE OF RECOMMENDED SPARE PARTS REQUIRED FOR THREE YEARS TROUBLE FREE OPERATION SHOULD BE QUOTED.

16 EQUIPMENT WILL BE INSTALLED AND COMMISSIONED AT POF HOSPITAL WAH CANTT FREE OF CHARGE.

17 THE FIRM WILL PROVIDE 01 YEARS WARRAANTY/GUARANTEEN 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.

18 THE FIRM WILL ENCLOSE AN UNDERTAKING TO GUARANTEE FOR SUPPLY OF SPARE PARTS UP TO 10 YEARS AS AND WHEN REQUIRED.

19 CONSUMABLE BEING OFFERED FREE OF CHARGE WILL BE IDENTIFIED SEPARATELY

20 THE FIRM SHOULD MENTION PRODUCT YEAR OF MAUNUFACTURING AND REFERENCES WHERE THE QUOTED MODEL IS AVAILABLE/INSTALLED IN PAKISTAN.

21 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

PAKISTAN ORDNANCE FACTORIES

SCHEDULE TO TENDER NO. 0027/HOSP/LP/48-A

26-AUG-19

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 SEPARATE SEALED ENVELOP. THE ENVELOPES SHOULD BE INSCRIBED WITH PART-I "TECHNICAL QUOTATION WITH OUT PRICE" AND PART-II "COMMERCIAL QUOTATION WITH PRICE."

- 22 TENDER FEE AND EARNEST MONEY MAY BE PLACED IN SEALED SEPARATE ENVELOPS..
- 23 ONLY REGISTERED SUPPLIERS (WITH SALE TAX) AND INCOME TAX DEPTT) WHO ARE ON ACTIVE TAXPAYER LIST (ALT) OF FBR ARE ELIGIBLE TO SUPPLY GOOD SERVICES TO GOVERNMENT DEPARTMENT
- 24 THE PAYMENT TO REGISTERED PERSONS MAY BE LINKED WITH THE ACITIVE TAXPAYER STATUS OF THE SUPPLIERS AS PER FBR DETABASIS.IF ANY REGISTERED SUPPLIERS IS NOT ALT HIS PAYMENT SHOULD BE STOPPED TILL THE MANDATORY RERTURNS AND APPEARS ON ATL OF FBR
- 25 S.TAX WILL NOT PAID BY POF HOSPITAL IN ACCORDANCE WITH S.NO. 52-A IN 6TH SCHEDULE OF S.TAX ACT-1990 THROUGH FINANCE BILL. 2008 BEING TEACHING HOSPITAL OVER 500 BEDS.

**(4) Undertaking**

Should our offer be accepted, we hereby undertake to supply the stores/render the services contracted on the basis of General Conditions of Contract embodied in Form POF 1281, 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 _____
	Official Stamp _____