



GOVERNMENT OF PAKISTAN
PAKISTAN ORDNANCE FACTORIES
TENDER ENQUIRY

To,

Dear Sirs,

Reference: **TENDER ENQUIRY NO. 0012-LP-52-SCM (R&D) Capt-Pur-III, Dated 30-04-2022**

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

1. **SUBMISSION OF TENDER**

1.1 Tenders will be opened at **12:00 hours on 30.05.2022** and must reach **Bid Center adjacent to Rabita Hall on or before 11:30** hours up to due date. 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. **0012-LP-52-SCM (R&D) Capt-Pur-III, Dated 30-04-2022**

Tender to be opened on: **30.05.2022**

Address as follows:-

“GM-Purchase-I POF Wah Cantt – Pakistan.”

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 AND EVALUATION CRITERIA**

2.1 Case will be processed exactly as per **PPRA Rules** i.e. in favour of lowest evaluated bidder and single stage two envelope procedure will be utilized for open competitive bidding. The price 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; 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 120 days from the date of opening of tenders.
- 2.4 The quotation should hold good for any reduced quantities without notice.
- 2.5 In the event of non-acceptance of offer, intimation may be given to the Tenderers 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 Dispatch basis, i.e. delivered free on rail / Road, inclusive of packing and forwarding charges. The stores will be booked under Military Credit Note, to be provided by the purchaser, and/or **free delivery at POF's stores at Central Stores POF Wah Cantt. In this case octroi duty will be payable by the supplier.**
- 2.8 **Taxes and Duties etc. where applicable, must be shown separately, quoting reference to Registration No. in cases of Sales Tax and relevant authority in the case of others. Offer 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 dispatched will be allowed to include in the offered rates provided that clause 2.8 has been conformed properly.
- 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 Suppliers will render necessary information regarding hazardous effects on environment, of the materials/products supplied by them, and material Safety Data Sheet (MSDS), in their quotations and shipping/dispatch documents.
- 2.12 If the requisite information is not furnished on the T.E forms or offer received is not conformity with the requirement of the T.E such offer shall be ignored.
- 2.13 Special Conditions must be carefully studied and conformed.

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, 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 for Rs 500/- in favour of Director Admin POFs Wah Cantt.

4.1 **TENDER SAMPLE**

Where required, offer must a company 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 Security**

- 5.1 Bid Security at the rate of **2%** (for firms **registered** with POF) and **5%** (for **un-registered** firms) of the quoted value, should accompany the tender in the shape of Call Deposit Receipt/Pay Order/Banker's Cheque, from a scheduled Bank drawn in favour of:-

"General Manager-Purchase-I POF Wah Cantt."

Tenders received without / less Bid security will be rejected.

- 5.2 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 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 POF may reject all bids or proposals at any time prior to the acceptance of a 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, prescribed by POF Board according to the value of contract which shall not exceed **10%** of contract value, in the form of a Deposit At Call Receipt from a scheduled Bank; or, **an un-conditional Bank Guarantee 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 C.M.A. POF Wah Cantt. It will be returned on satisfactory completion of the 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 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**

- a. Payment will be made by the C.M.A (POF) through crossed cheque on receipt/acceptance of stores on our prescribed bill form supported by receipt voucher on part/full supply basis.
- b. 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 authorized in writing by POFs to receive it.

Please return the Schedule to the Tender duly signed by the specified date, along with 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 be liable to remove from the approved list.

Yours faithfully,

(IRFAN GHALIB)
DIRECTOR SUPPLY CHAIN MANAGEMENT
PAKISTAN ORDNANCE FACTORIES
WAH CANTT, PAKISTAN.

Contact Info:

☎ 051-9055 - 22269, 21087, 21088
Fax: i. 051-9271400 ii. 051-9314100
Email: procurement@pof.gov.pk

Copy to:-

1. DDFA-POFs-Wah Cantt.
2. Manager-SCM (Coord).
3. F.I.U Rep Bid Centre.
4. Bid Centre.

PAKISTAN ORDNANCE FACTORIES

Schedule to Tender Enquiry No. **0012-LP-52-SCM (R&D) Capt-Pur-III, Dated 30-04-2022 Opened on: 30-05-2022.**

(1) **For Plant and Machinery.**

Item No	Description with Spec etc.	A/U	Qty	Price Rs.		Delivery/ Completion Date
				In Figures	In Words	
1.	I.T. Equipments (20 Items) Specification attached at Annexure-A	No.	20 Items			Immediate

- (2) **Special Conditions and evaluation Criteria.**
- i) **Rate and sales tax** must be shown separately. Otherwise your quoted rates will be considered inclusive of all taxes.
 - ii) Offer without Bid Security and **Tender Fee** may not be considered.
 - iii) **Date and stamp** of the postal order must be visible.
 - iv) PTC should be obtained from Punjab/Relevant Province.
 - v) Only **one rate** should be quoted on the tender schedule. Otherwise offered item having multiple rates may be rejected.
 - vi) Undertaking must be signed.
 - vii) Unregistered firms are required to provide **Annexure-B** duly filled signed and stamped along with quotation.
 - viii) As per **T.E clause, 2 .2** you are required to quote in two parts, each part should be placed in a separate sealed cover. The envelop should be inscribed with: **Part I "Technical Quotation"** without price" and **Part II "Commercial quotation"** with price."
 - ix) Status of firm with POF (Registered/Un-Registered) should be mentioned in your offer.
 - x) Registered firms are required to provide copy of valid registration letter with POF.
 - xi) a. Only registered suppliers (with Sales Tax & Income Tax deptt) who are on Active Taxpayers List (ATL) of FBR are eligible to supply goods/services to Govt. Deptts.
b. The payment to registered persons may be linked with the active taxpayer status of the suppliers as per FBR database. If any registered supplier is not in ATL his payment will be stopped till filing of mandatory returns, and appearance on ATL of FBR.
 - xii) Based upon the information being provided by the firms, only those firms will be awarded contract(s) who fulfill all the **T.E.** requirements.
 - xiii) Case will be processed and contract will be awarded to the firm(s) who will fulfill the evaluation criteria as **per PPRA Rules.**
 - xiv) Grand Total of offer must be mentioned in your quotation.
 - xv) Provision of **Warranty/Guarantee Certificate** for **03 Years** will be required.
 - xvi) Relevant **technical literature** must be provided along with competitive bid i.e., only one offer must be submitted.
 - xvii) Provisioning of **Quality & Test Certificate** of an accredited Lab, if demanded/required

(3) **Undertaking**

Should our offer be accepted, we hereby undertake to supply the store/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 store/services elsewhere at our risk and cost.

Place _____
Date _____

Signature of the Tenderer _____
Name _____
Position _____
Address _____
Income Tax G.I.R No. _____

1. HPE ProLiant DL380 Gen10 Plus server or Equivalent (Qty -01 Nos)

S.No	Specification	Qty
1	HPE ProLiant DL380 Gen10 Plus 8SFF NC Configure-to-order Server	1
2	HPE DL380 Gen10 ICX CTO Mod-X 8SFF	1
3	Intel Xeon-Gold 6338N 2.2GHz 32-core 185W Processor for HPE	2
4	HPE 32GB (1x32GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	16
5	HPE 2.4TB SAS 12G Mission Critical 10K SFF BC 3-year Warranty 512e Multi-Vendor HDD	8
6	HPE ProLiant DL380 Gen10 Plus x8/x16/x8 Primary FIO Riser Kit	1
7	HPE NS204i-p x2 Lanes NVMe PCIe3 x8 OS Boot Device	1
8	Broadcom BCM57416 Ethernet 10Gb 2-port BASE-T Adapter for HPE	1
9	HPE 96W Smart Storage Lithium-ion Battery with 145mm Cable Kit	1
10	HPE Smart Array P408i-a SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS Modular Controller	1
11	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	1
12	HPE DL38X Gen10 Plus Maximum Performance Fan Kit	1
13	HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	2
14	HPE C13 - C14 WW 250V 10Amp Flint Gray 2.0m Jumper Cord	2
15	HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features	1
16	Red Hat Enterprise Linux 8 FIO Software	1
17	HPE Trusted Platform Module 2.0 Gen10 Plus Black Rivets Kit	1
18	HPE DL38X Gen10 Plus 2U SFF Easy Install Rail Kit	1
19	HPE ProLiant DL380 Gen10 Plus High Performance Heat Sink Kit	2
20	Red Hat Enterprise Linux for HPC Head Node 3yr Subscription 24x7 Support E-LTU	1
21	Standard 3 Year Warranty and Support backed by OEM	1

2. HPE ProLiant DL380 Gen10 Plus server or Equivalent (Qty -03 Nos)

S.No	Specification	Qty
1	HPE ProLiant DL380 Gen10 Plus 8SFF NC Configure-to-order Server	3
2	HPE DL380 Gen10 ICX CTO Mod-X 8SFF	3
3	Intel Xeon-Gold 6338N 2.2GHz 32-core 185W Processor for HPE	6
4	HPE 32GB (1x32GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	48
5	HPE ProLiant DL380 Gen10 Plus x8/x16/x8 Primary FIO Riser Kit	3
6	HPE NS204i-p x2 Lanes NVMe PCIe3 x8 OS Boot Device	3
7	Broadcom BCM57416 Ethernet 10Gb 2-port BASE-T Adapter for HPE	3
8	NVIDIA A100 40GB PCIe Computational Accelerator for HPE	3
9	HPE 96W Smart Storage Lithium-ion Battery with 145mm Cable Kit	3
10	HPE Smart Array P408i-a SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS Modular Controller	3
11	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	3
12	HPE DL38X Gen10 Plus Maximum Performance Fan Kit	3
13	HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	6
14	HPE C13 - C14 WW 250V 10Amp Flint Gray 2.0m Jumper Cord	6
15	HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features	3
16	Red Hat Enterprise Linux 8 FIO Software	3
17	HPE ProLiant DL300 Gen10 Plus GPU 8-pin Keyed Cable Kit	3
18	HPE Trusted Platform Module 2.0 Gen10 Plus Black Rivets Kit	3
19	HPE DL38X Gen10 Plus 2U SFF Easy Install Rail Kit	3
20	HPE ProLiant DL380 Gen10 Plus High Performance Heat Sink Kit	6
21	Red Hat Enterprise Linux for HPC Head Node 3yr Subscription 24x7 Support E-LTU	3
22	Standard 3 Year Warranty and Support backed by OEM	

3. HP IDS Z8 G4 Workstation or Equivalent (Qty-06 Nos)

S.No	Specification	Qty
1	4HJ56AV - HP IDS Z8 G4 WKS	1
2	Single Unit (Tower) Packaging	1
3	Windows 10 Pro 64 Workstations Plus SING	1
4	HP Z Turbo Drive M.2 512GB TLC SSD	1
5	Operating System Load to M.2	1
6	USB Premium Wired Keyboard A/P	1
7	HP Dual Port 10GBase-T NIC Module	1
8	Premium FIO 2xUSB3.1 TypeC 2xUSB3 TypeA	1
9	HP PS/2 Mouse	1
10	No Included ODD	1
11	HP ZCentral Remote Boost 2020 SW for Z workstation	1
12	HP Z8 Std Cooling Solution 2CPU	1
13	HP Z8 G4 90 1700W 200V APJ Chassis 200V/10A	1
14	NVIDIA Quadro 16GB RTX 5000 (4) DP+USBc Graphics	1
15	64GB (4x16GB) DDR4 2933 DIMM ECC Registered 2CPU Memory APJ	1
16	HP Z8 G4 1450W/1700W Country Kit A/P	1
17	USB-C to DisplayPort Adapter	1
18	Intel Xeon 3206R 1.9GHz 2133MHz 8C 85W CPU	1
19	Intel Xeon 3206R 1.9GHz 2133MHz 8C 85W 2nd CPU	1
20	2TB 7200RPM SATA 3.5in Enterprise	1
21	HP Z27 27-inch 4K UHD Display	1
22	Standard 3 Year Warranty and Support backed by OEM	1

4. Dell XPS Desktop or Equivalent(Qty – 35 Nos)

S.No	Specification	Qty
1	12th Gen Intel® Core™ i9-12900K (30 MB cache, 16 cores, 24 threads, 3.20 to 5.20 GHz Turbo)	1
2	1TB M.2 PCIeNVMe SSD (Boot) + 1TB 7200RPM SATA 6Gb/s (Storage)	1
3	64 GB, 2 x 32 GB, DDR5, 4400 MHz	1
4	NVIDIA® GeForce RTX™ 3080 Ti, 12 GB GDDR6X	1
5	Windows 11 Pro, English	1
6	750W Platinum Silver Bezel Chassis including optical drive	1
7	Liquid cooling	1
8	Dell Multimedia Keyboard-KB216 White (English)	1
9	Wired Mouse, White MS116	1
10	Dell 24" Monitor SE2422H white	1
11	Standard 3 Year Warranty and Support backed by OEM	1

5. **Dell Alienware X17 R2 Gaming Laptop Or Equivalent (Qty–03 Nos)**

S.No	Specification	Qty
1	12th Gen Intel® Core™ i9-12900HK (24 MB cache, 14 cores, 20 threads, up to 5.00 GHz Turbo)	1
2	2 TB, M.2, PCIeNVMe, SSD	1
3	64 GB, 2 x 32 GB, DDR5, 4800 MHz, dual-channe	1
4	17.3", UHD 3840x2160, 120Hz, Non-Touch, 4ms, Advanced Optimus, CV+, NVIDIA G-SYNC	1
5	NVIDIA® GeForce RTX™ 3080 Ti, 16 GB GDDR6	1
6	Windows 11 Pro, English	1
7	Carrying Case/Bag	1
8	Standard 3 Year Warranty and Support backed by OEM	1

6. **H3c S6850-2C Data Centre Switch or Equivalent (Qty: 01 No)**

- 24 x 1/10G Ethernet/Copper Ports
- 24 x 1/10G Fiber Ports
- 02 x SFP 10G Single Mode 1310 NM 2.5 KM

7. **H3c S5130S-52P-PWR-EI Access Switch or Equivalent (Qty: 01 No)**

- 48 x 1G Ethernet/Copper Ports with POE+
- 4 x 1G Fiber Ports
- 02 x SFP 1G Single Mode 1310 NM 2.5KM

8. **H3c S5130S-52P-EI Access Switch or Equivalent (Qty: 01 No)**

- 48 x 1G Ethernet/Copper Ports
- 4 x 1G Fiber Ports
- 02 x SFP 1G Single Mode 1310 NM 2.5KM

9. **3M UTP CAT6 Cable with UTP Accessories / Hardware or equivalent (Qty: 15 Nos.)**

- UTP CAT6 Cable 3M Original or equivalent Roll 300 Meter Qty – 15 Roll
- UTP Patch Cords 1meter for patch panels 3M Original or equivalent (150 Nos.)
- UTP Patch Cords 3 meter 3M Original or equivalent for PCs (150 Nos.)
- UTP Patch Panels 24/48ports 3M Original or equivalent (03/03 Nos.),
- Cable Managers (06 Nos.)
- (Face Plate with supported back box 3M Original or equivalent (150 Nos.)
- RJ 45 I/O'S 3M Original or equivalent (300 Nos.)

- Cabinet 15U Imported Double Section Cabinet with PDU and Cooling Fan 600*800mm (01 Nos.)
- PDU imported Rack mounted Qty (01 Nos)
- Services charges as per actual of laying UTP cable, installation of Face Plate, I/O's and cabinet installation.

i) 10. Litech Fiber Cable Single mode with Accessories or equivalent (Qty: 1000 M.)

- Fiber Cable single mode direct buried Corning / Litechor equivalent **Qty 1000 Meter**
- ODF 24 port with full loaded (Qty-03 Nos)
- Fiber Patch Cords single mode LC To SC- Litech or Corning Qty- 06 Nos
- Fiber Patch Cords single mode LC To LC- Litech or Corning Qty- 06 Nos
- Fiber Patch Cords single mode SC To SC- Litech or Corning Qty- 06 Nos
- Fiber ODF 24 Port full loaded imported Qty-04 Nos
- Pigtails – Qty (120 Nos.)
- Splicing – Qty300 (Nos)
- Gi pipe 2 inch local Qty- 50 Feet
- Gi Flexible pipe 2 inch local Qty – 20 feet
- Services Charges Installation of cable laying, soft digging, hard digging, splicing as per actual.
- Cabinet 42 U imported full loaded with KVM (Built in PDU) & Double Section Qty- 01 Nos
- 4 Ton AC
- Cable Tray for Cable Management on top of the 42U RACK.
- UPS output Distribution

11. 4 MP Bullet High End Network Camera Dahua or Equivalent (Qty: 08 No.)

- 1/3" 4Megapixel progressive scan CMOS
- H.265&H.264 triple-stream encoding
- 25/30fps@4M(2688x1520)
- Smart Detection supported
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer,
- 3.6mm fixed lens (6mm, 8mm, 12mm optional)
- IR Distance More Than 260 Feet
- Minimum Illumination 0.06Lux/F1.6(Color,1/3s,30IRE)
- 0.4Lux/F1.6(Color,1/30s,30IRE)
- 0Lux/F1.6(IR on)
- Micro SD memory,
- IP67,
- IK10,
- PoE
- Intelligence IVS Tripwire, Intrusion, Object Abandoned/Missing
- Advanced Intelligent Functions Face Detection
- Certifications

12. 16 Channel 4K & H.265 latest Network Video Recorder Dahua or Equivalent (Qty: 01 Nos.)

- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Max 320Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- 2HDMI/2VGA simultaneous video output
- Smart fan supported automatically adjust running speed
- Main Processor Quad-core embedded processor.
- Internal HDD 2/4 SATA III Ports Up to 10 TB capacities for each HDD.
- 1 eSATA Supported.
- Interface 2 RJ-45 Ports (10/100/1000Mbps) Independent or Joint Working.
- Operating Conditions -10°C ~ +55°C
- Third-party Support Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Watchnet and more
- **6 TB HDD Surveillance Grade Seagate for 16 Channel NVR: (Qty: 02 Nos.)**

13. LED 40 inches surveillance grade for Monitoring Orient or Equivalent (Qty: 01 No.)

- Resolution 1920x1080 (Full HD)
- Multi-Color System PAL-SECAM-NTSC
- Multi Sound System BG-DK-I-M
- VIDEO IN PAL-SECAM-NTSC
- Picture Motion Frequency 50 Hz standard
- Wide Colour Enhancer/Full Color Full Color Optimizer
- Digital Noise Filter DNR
- Ports HDMI, VGA, Computer Port
- USB VIDEO FORMATS FLV.MKV-AVI-VOB-MPEG 1-MPEG 2-MP4-DAT-3GP
- Operating Voltage 100-240V
- Power Consumption 120W
- HDMI Cable 4K Original 20 Meter

14. LED 85 inches surveillance grade for MCR Samsung Original 85Q60T or Equivalent (Qty: 01 No.)

- Resolution 3840x21600 (4K- Full UHD)
- Multi-Color System PAL-SECAM-NTSC
- Multi Sound System BG-DK-I-M
- VIDEO IN PAL-SECAM-NTSC
- Picture Motion Frequency 50 Hz standard
- Wide Colour Enhancer/Full Color Full Color Optimizer
- Digital Noise Filter DNR
- Ports HDMI, VGA, Computer Port
- USB VIDEO FORMATS FLV.MKV-AVI-VOB-MPEG 1-MPEG 2-MP4-DAT-3GP
- Operating Voltage 100-240V
- Power Consumption 120W

15. **APC / EMERSON UPS 10KVA Rack mounted (Online) with SNMP Card and 30 Minutes Backup time at full load or Equivalent (Qty - 01 Nos.)**

- UPS should be provided for Data Center.
- POF shall arrange commercial Alternating Current Power Supply source of Voltages 220 volts 10% -15% variation, Phases 1 Phases, Frequency 50 Hertz, 3 Hertz.
- The UPS System should be of APC/EMERSON Make and shall have a design for supply of a continuous duty, 50 Hz, 220V, single phase, uninterruptible power supply system complete with maintenance-free sealed battery of minimum 30 minutes backup capacity. The bidder shall state life time of power source. The life time of power source shall be longer than the expectancy of the offered system.
- The Uninterruptible power supply system shall work automatically to regulate and provide the required output voltages.
- The Uninterruptible power supply system shall have the front panel various indication to display the unit status.
- The Uninterruptible power supply system shall be able for accurate performance with in the specified range of voltages.
- The Uninterruptible power supply system shall have built-in Voltmeter, Ammeter to monitor input & output voltages and load currents.
- The Uninterruptible power supply systems shall be provided with all type of protective devices.
- The Uninterruptible power supply system shall have a design to work under natural air cool conditions.
- The UPS should be rack mounted and must be equipped with SNMP Card.
- On-line Mode – During on-line operation mode, the UPS system shall be used to provide precise regulated and transient-free power to the equipment loads. The mains supply provides power to the input converter. The input converter shall provide regulated DC power to support the inverter and simultaneously supply the battery charger to maintain the battery in a fully charged condition. The inverter shall convert the DC power into regulated AC power for the load.

16. **Biometric Device ZKTecoProFace X or Equivalent (Qty -01)**

- Faces 30,000 (1:N) / 50,000 (Optional).
- Palm 5,000 (1:N)
- Users 50000
- Transactions 1,000,000 / 2,000,000 (Optional)

- Compatibility Security Relay Box / Wiegand / RS485 / RS232 Slave Reader with FP / RFID / Barcode / QR-code / ZKBioSecurity Software
- Access Control Interface Lock Relay Output / Alarm Output / Auxiliary Input / Exit Button / Door Sensor.
- 0.3s High Speed Facial Verification
- Liveness Detection, Mask detection
- Communication TCP/IP / Wiegand Input / Output / Wi-Fi (Optional) / RS485 / RS232

17. HP Color LaserJet Pro CP5225dn Printer or Equivalent Qty = (01 No).

- Print only Print speed letter: Up to 20 ppm (black and color)
- Prints up to 11x17" (A3)
- Auto duplex printing
- 2 paper trays (standard)
- FCC Class A emissions - for use in commercial environments, not residential environments

18. HP LaserJet Enterprise MFP M725dn Printer or Equivalent Qty = (01 No).

- Print, copy, scan; Print speed letter: Up to 40 ppm (black)
- Prints up to 11x17" (A3); Scan to email
- Auto duplex printing; 100-sheet ADF
- 3 paper trays (standard)
- FCC Class A emissions - for use in commercial environments, not residential environments

19. HP LaserJet Pro M404dn or Equivalent Qty = (04 Nos).

- Print speed letter: Up to 40 ppm (black)
- Auto duplex printing
- 2 paper trays (standard)
- Best-in-class security-detect and stop attacks

20. Plotter 44" HP Design Jet Z6 T8W16A or Equivalent Qty = (01 No).

- Color images: print speed: 202 ft²/hr; HP Thermal Inkjet
- 6 ink system; Automatic roll feed, cut sheet feeder, 500 GB HDD, touchscreen display

Eligibility Criteria

- The bidder firm must be ISO certified (certificate required).
- All the products quoted and/or assembling facilities should be ISO certified.
- Bidder Firms should be authorized Partner (by principle), from the original manufacturer, for the all-active components/equipment's.
- All quoted equipment should be new. No refurbished/End of life and used equipment will be supplied during the course of the project.
- Firms should have support centers in Rawalpindi/Islamabad/Lahore.
- Vendor should be in similar business for at least 07 years
- Vendor must have 24x7 proper centralized helpdesk facilities for technical support. Details of helpdesk must be attached with proposal
- Allquoted equipment's /parts must be for Pakistan region.
- Integration with existing setup will be responsibility of vendor
- The principal should have local depots in Pakistan to be able to provide Next Business Day replacement for faulty items under SLA.
- Documentary evidence in support of all the above-mentioned eligibility criteria should be furnished.

General Terms & Conditions

- All Active equipment should be OEM registered.
- All Active equipment must have local warranty/guarantee.
- All quoted equipment should be new. No refurbished and used equipment will be supplied. The firm must certify that the technology quoted is State of the art and latest.
- All the products quoted and/or assembling facilities should be ISO certified.
- Firms should have support center in Rawalpindi/Islamabad.

Warranty / Guarantee

- All active equipment should have Three years' comprehensive onsite warranty including parts, labor and Software Upgrades/ License renewals and should be from same brand.
- The end user licenses, end user warranties and end user contracting support services will be in the name of Customer, for all the equipment and Software loaded on the equipment delivered during the course of the project.

Installation, Configuration and Integration of Equipment's (Against item no. 01 to 05)

- Selected Bidder shall be responsible for the supply, Installation and configuration of supplied equipment.
- Installation, Configuration and Integration with Existing Infrastructure will be responsibility of Vendor.
- Services Charges Installation of cable laying, soft digging, hard digging, splicing, laying UTP cable, installation of Face Plate, I/O's and cabinet installation as per actual. Vendor must be provide per feet services charges rates mentioned services.

Manual Catalogues / Brochures:

- Selected Bidder must provide comprehensive hardware drivers CDs/ documentations, maintenance /service manuals, drawing, schematic and wiring diagrams in English version (3 copies of each in soft & hard form).

FAT

The above hardware will be kept under test run for 04months.

Training

- Selected firm will arrange following training and certification (against item no 01 to 06) for POF Officials (04 persons).
 - RedHat Certified System Administration (RHCSA)
 - RedHat Certified, System Engineer
 - Certified Kubernetes Administrator (CKA)
 - HPC Administration Training
- The bidder shall provide Notes and diagrams appropriate to the training program

SUPPLIER'S CAPABILITY

1. NAME OF THE FIRM: _____
ADDRESS: _____

1.1 - TELE:NO: _____
1.2- FAX NO: _____
1.3- E.MAIL ADDRESS: _____

2. WHETHER PUBLIC LTD, PRIVATE LTD, PARTNERSHIP
OR SOLE PROPRIETORSHIP: _____

3. ESTABLISHED SINCE: _____

4. CAPACITY: (Manufacturer / Stockist/Agent to foreign Firm): _____

5. IF MANUFACTURER, PROVIDE FOLLOWING DETAILS:

5.1- RANGE OF PRODUCTS MANUFACTURED: _____

5.2- DETAIL OF PLANTS, MACHINERY AND MAJOR EQUIPMENTS:
(Attach separate sheet if required):

6. INSPECTION/QUALITY ASSURANCE FACILITIES: _____

7. ISO-9000 CERTIFIED IF SO ATTACH NECESSARY DOCUMENTS

8. IF STOCKIST, PROVIDE FOLLOWING:-

8.1- DETAILS OF STOCKS HELD: - _____

8.2- APPROX. STOCK VALUE _____

8.3- LOCATION OF STOCKS: _____

ORGANISATIONAL DETAILS.

9. WHETHER THE FIRM IS REGISTERED WITH THE FOLLOWING DEPTTS.
(Give registration No., Date and attach copies of the necessary documents).

9.1 DP/ARMY OR ANY GOVT./SEMI GOVT. DEPTT: _____

9.2- IMPORT TRADE CONTROL DEPTT: _____

9.3- SALES TAX DEPTT: _____

9.4- INCOME TAX DEPTT: _____

FINANCIAL STATUS: _____
(Bank certificate to be attached)

Signature _____

Name: _____

Position: _____

Stamp