

Bidding Documents

Tender No. 04-23.

PURCHASE OF IT EQUIPMENT WITH COMPLETE INSTALLATION AND CONFIGURATIONS, FOR PUNJAB HUMAN ORGAN TRANSPLANTATION AUTHORITY HEAD OFFICE, SUB OFFICES RAWALPINDI, MULTAN, FAISALABAD AND ORGAN PROCUREMENT CELL (OPC), LAHORE. FOR FINANCIAL YEAR 2022-23.

**PUNJAB HUMAN ORGAN TRANSPLANTATION AUTHORITY,
39-SHADMAN-01, SHADMAN MARKET, LAHORE.**



HOTA

Punjab Human Organ Transplant Authority

BIDDING DOCUMENTS

**PUNJAB HUMAN ORGAN TRANSPLANTATION AUTHORITY,
39-SHADMAN-01, SHADMAN MARKET, NEAR BOP, LAHORE.**

PH. NO. 042-99206046-7

(The Bidder must attach this list along with the Bid outside the main Envelope/Package)



**PUNJAB HUMAN ORGAN TRANSPLANTATION AUTHORITY,
39-SHADMAN-01, SHADMAN MARKET (NEAR BOP), LAHORE.
PH. NO. 042-99206046-7**

Tender No. _____ **Opening Date & Time:** _____

Title of Procurement: _____

Sr. No	Description	Remarks	
		Yes	No
01.	Whether the Bid is submitted in Two Envelopes.		
02.	Tender Number & Title of Procurement mentioned on outside the Envelope/Package.		
03.	Technical Proposal (Tender Number & Title of Procurement mentioned on outside the Envelope/Package).	Envelope-A	
04.	Financial Proposal (Tender Number & Title of Procurement mentioned on outside the Envelope/Package).	Envelope-B	
05.	Whether both The Technical and Financial Proposal are put into another Outer Envelope.		

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Signed & stamped by Firm/ Company /Bidder/Authorized Representative of Firm.



**SUBMISSION AND ARRANGEMENT OF "ENVELOPE-A" TECHNICAL PROPOSAL
WITH SUPPORTING DOCUMENTS**

The bidder must provide all the supporting documents with Technical Proposal, number all the pages of supporting documents, provide the page information arrange the documents in the following order:

Envelope A : Enclosures of Technical Proposal (CHECK LIST)		Remarks		Page #
Sr. No.	Description	Yes	No	
01.	Covering Letter on the letter head of the Firm/Company duly signed & stamped by Firm/Bidder/Authorized Representative of Firm.			
02.	Technical Bid/Technical Proposal of firm with specifications/standard packing/size/brands and warranty of quoted items on the letter head of the Firm/Company duly signed & stamped by Firm/ Company /Bidder/Authorized Representative of Firm.			
03.	Original Tender fee deposit slip issued by the PHOTA.			
04.	Attested copy of valid CNIC of the owner and representative of Firm/Company.			
05.	An Affidavit/Undertaking on Stamp Paper of Rs.50/- or above regarding acceptance of terms and conditions of the bid/contract, and not being blacklisted according to the specimen mentioned in the PHOTA Bidding Documents.			
06.	Tender/Bidding Documents duly signed & stamped each page by firm / company / bidder / representative of firm/company.			
07.	Attested Copy of an active Income Tax Registration Certificate.			
08.	Attested Copy of an active Sales Tax Registration Certificate.			
09.	Attested Copy of Professional Tax Certificate for Financial year 2022-23.			
10.	Technical/Professional Staff List of the firm/ company with CV's of staff and salaries of staff duly signed & stamped by firm / company / bidder / representative of firm/company. On the letter head of the Bidder/Firm/Company.			
11.	The specified catalogues / brochure/ or samples of data sheet. (if required for any item)			
12.	Machinery, Transport, Warehouse details (if available any)			
13.	Business and Financial worth of previous work of Firm/Company.			
14.	Audit Report of Firm/Company. (if available previous years/last year)			
15.	Proof of Sales of the Firm/Company. (attach purchase orders/work orders/supply orders and contract/work agreement)			
16.	All the above documents and any other supporting document must be numbered by the Firm/Company and page number must be mentioned in the column specified for the purpose.			

Signed & stamped by Firm/ Company /Bidder/Authorized Representative of Firm.



**SUBMISSION AND ARRANGEMENT OF "ENVELOPE-B" FINANCIAL PROPOSAL
WITH SUPPORTING DOCUMENTS**

The bidder must provide all the supporting documents with Financial Proposal, number all the pages of supporting documents, provide the page information arrange the documents in the following order:

Envelope B : Enclosures of Financial Proposal (CHECK LIST)		Remarks		Page #
Sr. No.	Description	Yes	No	
01.	Covering Letter on the letter head of the Firm/Company duly signed & stamped by Firm/Bidder/Authorized Representative of Firm.			
02.	Financial Bid/ Financial Proposal of firm with Unit Price/Total Price, GST/PST (If applicable) and Other taxes (If applicable) of quoted items on the letter head of the Firm/Company duly signed & stamped by Firm/ Company /Bidder/Authorized Representative of Firm.			
03.	Original CDR of 2% Bid Security in the name of Director General/Administrator.			
04.	Attested copy of valid CNIC of the owner and representative of Firm/Company.			
05.	Attested Copy of an active Income Tax Registration Certificate.			
06.	Attested Copy of an active Sales Tax Registration Certificate.			
07.	Attested Copy of Professional Tax Certificate for Financial year 2022-23.			
08.	Tax Exemptions Documents/Certificate/Letter (If available and applicable for any quoted item)			
09.	All the above documents and any other supporting document must be numbered by the Firm/Company and page number must be mentioned in the column specified for the purpose.			

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Signed & stamped by Firm/ Company /Bidder/Authorized Representative of Firm.



PUNJAB HUMAN ORGAN TRANSPLANTATION AUTHORITY,
39 SHADMAN 1, SHADMAN MARKET, LAHORE.

TENDER No. 04 -23

**PURCHASE OF IT EQUIPMENT WITH COMPLETE INSTALLATION AND
CONFIGURATIONS. FOR FINANCIAL YEAR 2022-23.**

UNDER PROCEDURE PPRA PUNJAB REVISED RULES 2014 AMENDED TO DATE.

Bidding Procedure 38 (2) a.

Tender Fee:	Rs. 500/-
Last date of Issuance:	01/03/2023.
Receiving Date & Time:	01/03/2023. TILL 11:00 a.m.
Opening date & Time:	01/03/2023. At 11:30 a.m.
Venue:	<u>PHOTA OFFICE 39 SHADMAN 1, SHADMAN MARKET, LAHORE.</u>
Bid Security:	2% of total tender value in the form of CDR only in the name of Director General/Administrator, PHOTA, Lahore (with Financial Proposal)

PARTICULARS OF THE PARTICIPATING FIRMS

Name of Firm -----
Complete Address -----
Office Telephone /Fax No. -----
Name of authorized representative -----
Cell No. (Authorized Representative) -----
I.D. Card No. (C.N.I.C) (Copy Attached) -----
Sales Tax Reg. No. (Active) -----
Income Tax No. / N.T.N (Active) -----
Amount of Tender Fee deposited Rs: -----
(Original receipt will be attached with tender forms)

(CERTIFICATE MUST BE PROVIDED ON STAMP PAPER OF Rs. 50/- or above)

We M/S ----- are not suspended/Black listed/defaulters of any Government/Autonomy Institution at any time. We accept the terms & conditions of the bidding documents. In case of any violation of any of the terms and conditions, our security/call deposit may be forfeited. We further hereby undertake that such an action of the administration shall not be challenged in any court of law.

We also confirm to abide by all the terms and conditions laid down in the tender inquiry or any subsequent amendment made by the PHOTA. Maintenance of equipment/items and replacement of the defective items / parts will be done without any cost during warranty.

SIGNATURE OF THE BIDDER WITH
STAMP



TENDER ENQUIRY
PURCHASE OF IT EQUIPMENT WITH COMPLETE INSTALLATION AND CONFIGURATIONS, FOR PUNJAB HUMAN ORGAN TRANSPLANTATION AUTHORITY HEAD OFFICE, SUB OFFICES (RAWALPINDI, MULTAN & FAISALABAD) AND ORGAN PROCUREMENT CELL (OPC), LAHORE.
FOR FINANCIAL YEAR 2022-23.

UNDER PROCEDURE PPRA PUNJAB REVISED RULES 2014 AMENDED TO DATE.

Bidding Procedure 38 (2) a.

TERMS & CONDITIONS

Sealed offers are invited from all Suppliers / Contractor / Manufacturers / Whole sale dealers and their distributors having good repute for the Purchase of _____ PHOTA, Lahore on FOR Basis according to attached specifications, as per schedule in this Tender Enquiry. Tender should be addressed in the name of the Director General / Administrator PHOTA, Lahore along with the following arranged documents: -

i.

Sr. No.	KNOCK OUT CLAUSES	YES/NO	PAGE#
01.	Original receipt for purchase of tender.		
02.	Technical Proposal on letter head of firm/company duly signed and stamped by the bidder/authorized representative.		
03.	Acceptance of terms and conditions of tender documents duly signed and stamped by the Bidder/Authorized representative.		
04.	An affidavit on stamp paper of Rs. 50/- or above regarding acceptance of terms and conditions of the bid/contract, and not being blacklisted as per sample.		
05.	Attested Copies of an active National Tax Number Certificate, an active General Sale Tax Number Certificate and Professional tax certificate (for the year 2022-23) all these are necessary.		
06.	Original CDR of bid security (demanded in the tender form in the name of Director General/Administrator PHOTA) with financial proposal. (Only CDR acceptable).		
07.	Bid with pin binding and all pages numbered with indexing page. As per checklists attached in bidding documents. (All instructions/conditions regarding knock out clauses are compulsory otherwise bid will be rejected).		

The bid shall be received under the Punjab Procurement Revised Rules, 2014 (amended to date) as specified below: - Only that rule will be mentioned under which Tender is being floated.

ii. **Single Stage Two Envelopes Bidding Procedure (PPRA Punjab Revised Rules, 2014 (amended to date) 38(2)a): -**

Single stage two envelopes bidding procedure shall be used for procurement of such goods where the bids are to be evaluated on technical and financial grounds and the procedure for single stage two envelopes shall be:

- (i) the bid shall be a single package consisting of two separate envelopes, containing separately the financial and the technical proposals;
- (ii) the envelopes shall be marked as "Financial Proposal" and "Technical Proposal" along with tender number & title of tender/procurement;
- (iii) in the first instance, the envelope marked as "Technical Proposal" shall be opened and the envelope marked as "Financial Proposal" shall be retained unopened in the custody of the procuring agency;

- (iv) the procuring agency shall evaluate the technical proposal in the manner prescribed in advance, without reference to the price and shall reject any proposal which does not conform to the specified requirements/specifications;
- (v) during the technical evaluation no amendments in the technical proposal shall be permitted;
- (vi) after the evaluation and approval of the technical proposals by approving authority, the procuring agency shall open the financial proposals of the technically accepted bids publicly at a time, date and venue announced and communicated to the bidders in advance, within the bid validity period;
- (vii) the financial bids found technically nonresponsive shall be returned un-opened to the respective bidders; and
- (viii) the lowest evaluated bidder shall be awarded the contract.

iii. Evaluation Criteria

For the purposes of evaluation, the word "Product" would mean the specific item included in the bidders bid along with specific make and model. Marking will be as follows: -

NOTE: PLEASE. DO NOT FILL THIS FORM, JUST ATTACH THE REQUIRED DOCUMENTS. THIS IS A SAMPLE FOR YOUR INFORMATION ONLY.

COMPANY / BIDDER EVALUATION CRITERIA:

COMPULSORY DOCUMENTS TO BE ATTACHED WITH TECHNICAL BID /

COMPANY PROFILE / QUALIFICATION PARAMETERS

Sr. No.	Parameter	Details	Total Marks	Remarks															
i.	Performance of Last one year of the Goods / Items being quoted. (Attach relevant Purchase / Work orders)	Institutions served: <table border="1"> <tr> <td>i.</td> <td>No institution served</td> <td>00</td> </tr> <tr> <td>ii.</td> <td>01</td> <td>05</td> </tr> <tr> <td>iii.</td> <td>02 to 04</td> <td>10</td> </tr> <tr> <td>iv.</td> <td>05 to 07</td> <td>15</td> </tr> <tr> <td>v.</td> <td>08 and above</td> <td>20</td> </tr> </table>	i.	No institution served	00	ii.	01	05	iii.	02 to 04	10	iv.	05 to 07	15	v.	08 and above	20	20	Institutions may include Private or Public Organizations, or individuals.
i.	No institution served	00																	
ii.	01	05																	
iii.	02 to 04	10																	
iv.	05 to 07	15																	
v.	08 and above	20																	
ii.	Market experience / Business experience (Attach supporting documents in proof thereof)	<table border="1"> <tr> <td>i.</td> <td>1 -3 years</td> <td>05</td> </tr> <tr> <td>ii.</td> <td>4 - 5 years</td> <td>10</td> </tr> <tr> <td>iii.</td> <td>Above 5 years</td> <td>15</td> </tr> </table>	i.	1 -3 years	05	ii.	4 - 5 years	10	iii.	Above 5 years	15	15	Bidders having less than 1-year market experience are ineligible.						
i.	1 -3 years	05																	
ii.	4 - 5 years	10																	
iii.	Above 5 years	15																	
iii.	Income tax, sales tax and Professional tax registration certificates along with employee's Salary statement.	<table border="1"> <tr> <td>i.</td> <td>Income tax registered (04) Sale tax registered (03) Professional tax registered (03)</td> <td>10</td> </tr> <tr> <td>ii.</td> <td>(attach G -Form for salary of Technical staff)</td> <td>05</td> </tr> </table>	i.	Income tax registered (04) Sale tax registered (03) Professional tax registered (03)	10	ii.	(attach G -Form for salary of Technical staff)	05	15	Authorized certificates issued by the concerned Authorities are required.									
i.	Income tax registered (04) Sale tax registered (03) Professional tax registered (03)	10																	
ii.	(attach G -Form for salary of Technical staff)	05																	

Bidding Documents for Tender No.04-23 (Purchase of IT Equipment)

iv.	Valid Letter of Authorization from the Principal	i.	Valid letter of Authorization from Principal/Sole propriety certificate etc.	10	10	Compulsory Applicable for specific IT Equipment / Items
		ii.	Not attached	00		
v.	Company capacity to provide after sales service. (Attach CVs of Technical Staff, with Salary Statements duly attested)	i.	Good	20	20	
		ii.	Acceptable	10		
		iii.	Average	05		
		iv.	Un-acceptable	00		
vi.	Company's Good will & reputation. (Market reputation, and PHOTA experience)	i.	Good	20	20	
		ii.	Acceptable	10		
		iii.	Average	05		
		iv.	Un-acceptable	00		

Total marks: 100
Qualifying marks: 70%

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SIGNATURES OF THE TECHNICAL EVALUATION COMMITTEE (TEC)

Punjab Human Organ Transplant Authority

i. End User / Indenter, _____ ii. _____

iii. _____ iv. _____

v. _____ vi. _____

Dr. AH

iv. General Terms

1. It is mandatory to get 70% marks in the technical evaluation criteria, otherwise bid will be rejected.
2. No bidder shall be allowed to alter or modify his bid after the bids have been opened. However, the procuring agency may seek and accept clarifications to the bid that do not change the substance of the bid.
3. The bidder shall complete the bid form indicating the goods to be supplied, a brief description of the goods, their packing, size, quantity, price schedule with unit price and total bid price of the goods.
4. Alternate offers without separate tenders will not be considered.
5. The bidder is required to offer competitive price. All prices must include the General Sales Taxes/PST (if applicable) and other taxes/duties, where applicable. If there is no mention of taxes, the offered/quoted price shall be considered as inclusive of all prevailing taxes/duties. The benefit of exemption from or reduction in the GST or other taxes shall be passed on to the procuring agency.
6. Prices shall be in Pak Rupee on FOR basis.
7. Bids shall remain valid for period of (180) one hundred and eighty days after opening of Technical bid. The bid validity will be extendable equal to the period of the original bid validity with mutual consent of the Parties. A bid valid for a shorter period shall be rejected as non-responsive.
8. If the acceptance of the bid issued during the validity period is not accepted by the bidder, the bid security will be forfeited.
9. The successful bidder shall furnish a Performance Security equal to 5% of the total order value in the shape of CDR only in the name of Director General/Administrator PHOTA.
10. Performance Security has to be deposited before final order, which will be retained by the procuring agency until warranty period.
11. No interest shall be payable by the procuring agency on the securities.
12. The PHOTA authorities, at any stage of the procurement proceedings, may require the supplier or contractors to provide information concerning their professional, Technical, Financial, legal or managerial competence whether already pre-qualified or not.
13. Failure to submit the tender in the manner prescribed in the invitation to tender will not be accepted.
14. The authority reserves the right of accepting the full or part quantity offers (subject to technical scrutiny).
15. The offer should be strictly as per specifications of the tender.
16. The successful bidder/supplier/contractor/manufacture will provide a stamp paper for the acceptance of contract agreement, this agreement will be made between the successful bidder/supplier/contractor/manufacture and procuring agency (PHOTA Authority). This agreement will be made earlier from or at the time of receiving the supply/purchase/work order.

No offer will be considered if it:

- i. Is received after the date and time fixed for its receipt.
- ii. Is unsigned.
- iii. Is conditional.
- iv. Is given by a firm black listed, suspended or removed from any institution Public or Private in the Country.
- v. Is received with a validity period shorter than that required in the tender inquiry.

- vi. Does not conform to the general conditions of the tender inquiry.
- vii. Is received without earnest money/bid security as specified in the tender.

v. **Special Terms**

1. The tender documents should be signed by the authorized representative of the firm.
2. Provisions of 'Vermin protection' and 'Rodent Proof' measures would also be the responsibility of the contractor/supplier.
3. In case of downtime more than 12 hours 0.1% of the cost of Purchase of equipment/machinery would be deducted per day from the security deposit and the company might be blacklisted.
4. The successful bidder/supplier/contractor/manufacturer will be responsible to provide the supply/delivery, delivery challan and bill with sales tax invoice and any other document related to the final payment within the supply/delivery period to avoid late delivery charges.
5. **EXECUTION OF WARRANTY.**

The Manufacturer/supplier/contractor have undertaken to supply the specified model, appropriate material and workmanship of the items for satisfactory operation for a comprehensive warranty period of **Three Years (03 Years)** from the date of installation /commissioning inclusive of all kind of parts and service etc. free of cost, if the items are faulty, the supplier would have to replace it at his cost.

6. **MANUFACTURER/SUPPLIER'S GUARANTEE CERTIFICATE.**

The Bidder/Supplier/Contractor /Manufacturer will provide Guarantee Certificate at the time of delivery clearly stating that the stores being supplied by them are brand new, of latest approved model, absolutely free from material and manufacturing defects and are in accordance with the specifications given with the tender. They will also provide two copies of service manuals (if applicable for any item).

7. **PANELTY CLAUSE.**

- a. The Inspection Committee of PHOTA, Lahore will conduct inspection of the supplied items, if found substandard and not conforming to the specifications as per proposal / data sheet provided by the bidder, the same shall be returned for replacement at the cost of supplier.
- b. If the supplier fails to replace the goods rejected by the inspection committee within the stipulated time, the goods they supplied by him would be usurped, bid security fortified and proceeding for his blacklisting initiated.

8. **PROVISION OF BIDDER'S UNDERTAKING.**

The successful bidder/supplier/contractor/manufacturer will provide an undertaken as guarantee certificate duly signed and stamped by the bidder/supplier/contractor/manufacturer, earlier from or at the time of delivery/supply clearly stating that "the store items/goods being supplied by them are brand new, of latest approved model, absolutely free from material and manufacturing defects and are in accordance with the specifications given with the tender, if found substandard and not conforming to the specifications as per proposal /data sheet provided by the bidder and are not in accordance with the specifications given in the tender, the same shall be returned for replacement at the cost of supplier. If the supplier fails to replace the goods rejected by the inspection committee within the stipulated time, the goods they supplied by him would be usurped, bid security fortified and proceeding for his blacklisting initiated".

9. LATE DELIVERY

Supply should be done in accordance with the time schedule mentioned in the purchase/supply/work order. In case of late supply, beyond the stipulated period, penalty @ of 2.0 % Per Month or 0.067% per day of the cost of contract will be deducted from the final payment.

10. BLACKLISTING.

If the contractor fail/delay in performance of any of the obligations under the contract, violates any of the provisions of the contract, commits breach of any of the terms & conditions of the contract or found to have engaged in corrupt or fraudulent practices in competing for the award of contract or during the execution of the contract, the purchaser may without prejudice to any other right of action it may have, blacklist the bidder/supplier/contractor/firm/company, either indefinitely or for a stated period, for future tenders in public sector, as per rules/mechanism provided in Punjab Procurement Regulatory Authority (PPRA) Rules, 2014 amended to date.

11. TRANSPORTATION.

- a). The Supplier shall arrange transportation of the goods/equipment to their final destination.
- b). Transportation including loading/unloading/packing of goods shall be arranged and paid for by the supplier.

12. INCIDENTAL CHARGES.

- a). The supplier shall be required to provide all the incidental service charges including taxes.
- b). The procuring agency will not pay any extra amount against any expenditure incurred on it, as the contract shall be construed as fixed amount and includes all costs.

13. The offer rates should be inclusive of all applicable taxes i.e. Income Tax, GST, PST (if applicable) and Stamp Duties etc. No bid will be considered if rates are exclusive of applicable taxes.

14. A bidder quoting against this invitation to bids shall be deemed to have read and understood the conditions thereof and the particulars of the stores required by the purchaser and their specification etc.

15. The Supply/Work will be done within 30 days or earlier from the date of receipt of Supply/Purchase/Work Orders.

16. Director General/Administrator PHOTA, Lahore reserve the rights to increase or decrease the quantity of store items.

17. In case of dispute, decision of the Director General/Administrator PHOTA, Lahore shall be final.

Punjab Human Organ Transplant Authority



DIRECTOR GENERAL/ADMINISTRATOR
Punjab Human Organ Transplantation Authority,

Lahore.



**DEMAND FOR IT EQUIPMENT WITH COMPLETE INSTALLATION/ CONFIGURATION FOR PUNJAB HUMAN ORGAN TRANSPLANTATION AUTHORITY HEAD OFFICE
LAHORE, SUB OFFICES RAWALPINDI, FAISALABAD, MULTAN & ORGAN PROCUREMENT CELL (OPC), LHR.
FOR THE FINANCIAL YEAR 2022-23.**

Sr. #	Item Name	Detailed Specifications and Brand	Packing /Size	Required Quantity
1	NVR (01 OPC + 01 FSD) and CCTV network Cameras with all accessories with Complete installation and configuration	<p>NVR (01 OPC + 01 FSD)</p> <ul style="list-style-type: none"> • 32 Channels Network Video Recorder with built-in POE and 1080p Real-time Live View or higher • Video Recording: Max 200 Mbps incoming bandwidth or higher • Video Resolution: 1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768 or Higher • Can Support 8MP or Higher camera which ever option is available in market. • Minimum 30days backup with Hard Disk installed as per required back up days. • Complete installation and configuration (with transportation cost)including 6 U data cabinets and also includes required wire cat6 (Point to point) connectivity in required offices. • 3 Years Warranty with complete installation and configuration from Authorized Dealer / Distributer • Hikvision or Equivalent <p>CCTV Network Cameras (25 cameras OPC + 25 cameras FSD)</p> <ul style="list-style-type: none"> • Hikvision or Equivalent 8MP 4K Outdoor WDR Fixed Bullet Network Camera, or Higher • Resolution 8MP (3840 x 2160) or Higher • Array Range of 30 Meters or Higher • Connectivity: POE • With Complete installation including network, cabling and accessories & Transportation • UTP Cat-6 Pure Copper Cable, Gigabit POE switches, cabinets, RJ-45 Connectors, , PVC Duct Pipe as per required size, Labor Charges, configuration and testing • 3 Years Warranty from Authorized Dealer/Distributer 	Nos	2 Complete Setup
2	DVR (Head office) with CCTV Analog Cameras with all accessories with Complete installation and configuration	<p>DVR (Head office) (1)</p> <ul style="list-style-type: none"> • 32 Channels Digital Video Recorder with 1080p Real-time Live View or higher • Video Recording: Max 200 Mbps incoming bandwidth or higher • Video Resolution: 1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768 or Higher • Can Support 5MP OR 8MP Higher camera which every option is available in market. • Minimum 30days backup up with Hard Disk installed as per required backup days. • 3 Years Warranty with complete installation and configuration from Authorized Dealer/ Distributer • Hikvision or Equivalent • With complete installation & configuration <p>CCTV Analog Cameras (20 cameras)</p> <ul style="list-style-type: none"> • 5MP Bullet Camera or Higher • Image Sensor 5 MP CMOS image sensor • Resolution 2560 (H) x 1944 (V) or Higher • Array Range of 30 Meters or Higher Power Supply 12 VDC ±25% • Power Consumption Max. 4.3 W • Connectivity: 12v power supply supported camera • Complete installation including cabling High Quality (Pure Copper) RG59+Power Cable , BNC connectors, power supply for all cameras and accessories • Hikvision or Equivalent • 3 Years Warranty from Authorized Dealer/Distributer 	Nos	1 Complete Setup
3	Power Supply for CCTV Analog Cameras	<ul style="list-style-type: none"> • Branded Power Supply Dell or Equivalent (As per Sample) • Input 100-240V, 4 A, 50-60HZ • Output 12 Volt , 18 AMP or higher • AC/DC Adapter • 01 Year Warranty from Authorized Dealer/Distributer 	Nos	5
4	CCTV Cable (Head office)	<ul style="list-style-type: none"> • CCTV Camera Cable Roll RG59 with Power Cable 90Y Length 270feet • High Quality (Pure Copper) • RG59+Power Cable • Suitable for indoors and outdoors • Transmits Video with Electric Power 	Roll	5
5	Network Switch 24-Ports (01 FSD, 01 OPC, 01 head office)	<ul style="list-style-type: none"> • 24-Port Gigabit Unmanaged Rack-mount Switch • Switching Capacity 32 Gbps or higher • MAC address 8K or Higher • D-Link, Cisco or Equivalent • Power Supply 100-240VAC, 50/60 Hz Internal Universal Power • 3 Years Warranty 	Nos	3

6	Network switch 16-Ports (01 FSD, 01 OPC, 01 head office)	<ul style="list-style-type: none"> • Device Interface: Eight 10/100/1000 Gigabit LAN ports • 16-Port Gigabit Switch • MAC Address 8K or Higher • D-Link, TP Link or Equivalent • Dimension: 131 x 82 x 22 mm (5.16 x 3.23 x 0.9 inches) • Power : 5 V/1 A Power Adapter • 3 Years Warranty 	Nos	3
7	Desktop Computer For (02 Head Office, 02 FSD, 04 OPC, 02 MLTN)	<ul style="list-style-type: none"> • Processor: Intel Corei7 10th Generation or Higher • Memory: Ram 8GB DDR4 double module (4+4 Two RAMS) or Higher • Hard Disk Drive: SSD 512 GB or Higher • Video Graphic Adapter: Integrated Intel® HD Graphics • Network Adaptor: Integrated 10/100/1000/ • Tower Chassis with Power Supply Manufacture Standard, • USB keyboard & Optical Mouse same Brand • LED/LCD Wide Screen 18- inches or higher same Brand • With Registered / Licensed Windows 11 Or 10 and MS Office 16 or 19. • 3 Years Warranty from Authorized Dealer/Distributor • Hp or Equivalent 	Nos	10
8	Laptop	<ul style="list-style-type: none"> • Intel® Core™ i7-11 Generation (4 cores, 8 threads) or Higher • 15" diagonal, FHD (1920 x 1080), multi touch-enabled, IPS, edge-to-edge glass, micro-edge, 250 nits, 45% NTSC OR Higher • 08 GB DDR4 RAM • 512 GB SSD ROM • Full-size keyboard (with numeric keypad) • With Laptop Bag • With Registered / Licensed Windows 11 Or 10 and MS Office 16 or 19. • Hp or Equivalent • 3 Years Warranty from Authorized Dealer/Distributor 	Nos	4
9	Laptop Charger	<ul style="list-style-type: none"> • Hp Laptop pro book 450 G5 charger (Original as per sample) • HP OR Equivalent • 01 Year Warranty 	Nos	10
10	External Cam for (FSD, OPC, RWP,MLTN, Head Office)	<ul style="list-style-type: none"> • Max Resolution: 1080p/30fps - 720p/30fps • Focus type: autofocus • Built-in mic: stereo Tripod-ready universal clip fits laptops, LCD or monitors • Cable length: 5 ft. (1.5 m) • Logitech C920S Pro HD Webcam OR Equivalent • 3 Years Warranty from Authorized Dealer/Distributor 	Nos	6
11	LED TV for Head Office (1), FSD (1), and OPC (2)	<ul style="list-style-type: none"> • Screen Size 75" Resolution 3840 x 2160. or Higher • TCL OR Equivalent (Original Brand from Authorized Dealer) • Picture Engine UHD Up-Scaling, Motion Rate 100, PQI (Picture Quality Index) 1,300 or Higher • Screen Mirroring • At least 3 HDMI Ports with USB Ports • Android Smart LED, with Built-in Wi-Fi 	Nos	4
12	External Hard disk for (Head Office, FSD, OPC, RWP, MTN)	<ul style="list-style-type: none"> • USB External Hard Drive • Storage Capacity 4TB • USB Powered No External Power Adapter Needed • WD or Equivalent • 3 Years Warranty from Authorized Dealer/Distributor 	Nos	4
13	USB Flash Drive	<ul style="list-style-type: none"> • Storage Capacity: 64 GB • Interface: USB 3.0 or Higher • Transcend / SanDisk or Equivalent (Original) • 3 Years Warranty from Authorized Dealer/Distributor 	Nos	10
14	USB Flash Drive	<ul style="list-style-type: none"> • Storage Capacity: 32 GB • Interface: USB 3.0 or Higher • Transcend / SanDisk or Equivalent (Original) • 3 Years Warranty from Authorized Dealer/Distributor 	Nos	25
15	USB Flash Drive	<ul style="list-style-type: none"> • Storage Capacity: 16 GB • Interface: USB 3.0 or Higher • Transcend / SanDisk or Equivalent (Original) • 3 Years Warranty from Authorized Dealer/Distributor 	Nos	35
16	Printer for head office (1) OPC (3) FSD (2)	<ul style="list-style-type: none"> • HP 402 dw LaserJet or Equivalent, • Print Speed 38ppm or higher, • Memory 128MB or higher, • Connectivity: USB & Ethernet 10/100/1000T, Wi-Fi • 3 Years Warranty from Authorized Dealer/Distributor 	Nos	5

17	Wi-Fi Router for Head Office (1)FSD (3) and OPC (3)	<ul style="list-style-type: none"> • Tp-Link TL-WR940N N450 Wireless N Router OR Equivalent • Antenna 3x Fixed Antennas • Protocols IPv4, IPv6 • Network Standard • 3 Years Warranty from Authorized Dealer/Distributor 	Nos	8
18	Telephone Exchange for FSD (1), OPC(1)	<ul style="list-style-type: none"> • Panasonic or Equivalent Telephone Exchange of 16+6 or Higher • With 1 Master Telephone Set (Original Panasonic or Equivalent) • 3 Years Warranty from Authorized Dealer/Distributor with complete installation and configuration including cabling 	Nos	2
19	Telephone Set for OPC (10) RWP (2), FSD (10)	<ul style="list-style-type: none"> • Panasonic KX-T7705 or Equivalent with CLI (As per Sample) • Color: Black • 3 Years Warranty from Authorized Dealer/Distributor 	Nos	22
20	2 Pair Telephone Wire (Out Door Purpose)	<ul style="list-style-type: none"> • GM / Pakistan Cable OR Equivalent, Pure Copper • Jacket: PVC • Length: 305m (Coil) • Application: Telecom Communication 	Coil	10
21	2 Pair Telephone Wire (in Door)	<ul style="list-style-type: none"> GM / Pakistan Cable OR Equivalent, Pure Copper Jacket: PVC Color: Customized Length: 305m (Coil) Application: Telecom Communication 	Coil	5
22	Photocopy machine Tonner	Konica Minolta Bizhub 367 /287 tonner (Original)	Nos	12
23	Photocopy machine Tonner	Gestetner MP3555 Photocopy machine Tonner (Original)	Nos	8
24	Printer Tonner PANTUM (M6600NW)	PANTUM printer (M6600NW) Tonner PB-211EV (Original)	Nos	5
25	Printer Toner (hp 402dw)	<ul style="list-style-type: none"> • Printer Toner A-26 • From Authorized Dealer/Distributor 	Nos	50
26	Printer Toner (hp 404dn)	<ul style="list-style-type: none"> • Printer Toner A-76 • From Authorized Dealer/Distributor 	Nos	50
27	HP Color printer (M452dw and dn) Tonner	<ul style="list-style-type: none"> • HP 410X (CF410X) Black +Cyan+ Yellow+Magenta • From Authorized Dealer/Distributor 	Nos	10
28	Card printer ribbon both Fargo HD 5000	• Color both Ribbon For Fargo HD 5000 card printer complete Set (Original)	Nos	4
29	Network Cable	<ul style="list-style-type: none"> • Network Cable UTP 305 Meter • Pure Cooper, 23-AWG • D-link or Equivalent 	Coil	8
30	HDMI Cable head office (5) FSD (2) MTN (2) RWP (2) OPC (5)	<ul style="list-style-type: none"> • Standard HDMI: Up to 720p or 1080i resolution at a 30Hz refresh rate • High Speed HDMI: Up to 4K resolution (including 1080p) at 30Hz • Length: 5 Meters 	Nos	16
31	HDMI Cable head office (2) OPC (3)	<ul style="list-style-type: none"> • Standard HDMI: Up to 720p or 1080i resolution at a 30Hz refresh rate • High Speed HDMI: Up to 4K resolution (including 1080p) at 30Hz • Length: 10 Meters 	Nos	5
32	Network Connector (RJ 45) Box	<ul style="list-style-type: none"> • Network Connector RJ-45 • Pure Copper 	Box	5
33	Network Connector (RJ 11) Box	<ul style="list-style-type: none"> • Network Connector RJ-11 • Pure Copper 	Box	5
34	KEY Board	<ul style="list-style-type: none"> • Interface: USB • Color: Black • With Numeric Keypad • Dell/hp or Equivalent (3 Years Warranty) 	Nos	10
35	Mouse	<ul style="list-style-type: none"> • Optical Mouse 2000 dpi or higher (A4 Tech or Equivalent) • Interface: USB (3 Years Warranty) 	Nos	20
36	Mouse Pad	• Smooth Cloth Surface	Nos	20
37	Patch cable	<ul style="list-style-type: none"> • Patch cable 1M (D Link or Equivalent) • Black Copper Cat-6 Pure Copper Patch Cord 	Nos	50
38	Patch cable	<ul style="list-style-type: none"> • Patch cable 2M (D Link or Equivalent) • Black Copper Cat-6 Pure Copper Patch Cord 	Nos	50
39	Power cable	<ul style="list-style-type: none"> • AC Power Cord With Fuse AC Adapter Power Extension (Branded) • Cable 1.8m 6FT For PC Desktop Monitor Computer 	Nos	20
40	USB printer cable	<ul style="list-style-type: none"> • Interface: USB 2.0 or 3.0 data printing lines / printer cable • Color: Black • USB Printer Data Cable • About 1.5 m in Length 	Nos	15

41	Mikrotik Board	Mikrotik Board (RB750Gr3) or Equivalent hEX is a five port Gigabit Ethernet router for locations where wireless connectivity is not required. The device has a full size USB port. This new updated revision of the hEX brings several improvements in performance. It is affordable, small and easy to use, but at the same time comes with a very powerful dual core 880MHz CPU and 256MB RAM, capable of all the advanced configurations that Router OS supports. IPsec hardware encryption (~470 Mbps) and The Dude server package is supported, microSD slot on it provides improved r/w speed for file storage and Dude.	Nos	2
42	VGA cable	<ul style="list-style-type: none"> Vga Monitor Cable Male To Male 1080P High Resolution Cord For Pc Computer. Length: 3 Meters 	Nos	10
43	IO Rj 45 (OPC)	• D-Link or Equivalent RJ45 CAT6E LAN I/O	Nos	20
44	IO Rj 11 (OPC)	• D-Link or Equivalent RJ11 LAN I/O	Nos	20
45	Patch Panel 24 Port Full Loaded (OPC)	<ul style="list-style-type: none"> High Quality Good Material D-link, schneider or equivalent 	Nos	1
46	Base Plate	<ul style="list-style-type: none"> Gang Box + Dual Port Face Plate (Combo) D-link, schneider or equivalent 	Nos	30
47	Duct Patil 4 "	• Good Quality	Length	20
48	Network Cable Puncher	• Network Crimp Tool For 8P8C-6P6C/ RJ-45 RJ-12 RJ-11 Plugs	Nos	1
49	Yealink video conference CP960 UVC80 zoom kit (FSD & OPC)	<ul style="list-style-type: none"> Mini-PC and cable management box Yealink CP960 conference phone with two wireless expansion microphones Yealink UVC80 USB PTZ camera 3 year warranty 	Nos	2
50	USB Computer Microphone with Speakers Computer Mic for PC Video Conference Webcast	<ul style="list-style-type: none"> The conference microphone is compatible with all popular online conference platforms, such as Zoom, Skype for Business, etc., plug and play. Features: 360 degree omnidirectional MAX sound pressure ratio: 110db Signal to noise ratio: more than 58db Interface type: USB 2.0 or 3.0 Cable length: about 2 meters or higher Microphone use: general purpose for notebooks and desktop computers 3 year warranty 	Nos	5
51	UY Connector	<ul style="list-style-type: none"> UY Connector Networking Wire Joiner Network Wire Joiner 	Box	2
52	HDMI & RJ45 Cable Tester	<ul style="list-style-type: none"> HDMI High Definition Digital Cable Tester Portable RJ45 Check the HDMI, RJ45 Cable quickly. 3Automatically runs all tests and checks for continuity, open, shorted and crossed wire pairs. 	Nos	3
53	USB Digital AV Multiport Adapter, 3 in 1 USB Type C to 4K HDMI Video	<ul style="list-style-type: none"> USB 3.1 Type C interface with transfer data rate up to 10 Gbps, Plug and Play, No extra driver is needed; HDMI female output port mirror For Apple 12 inch MacBook display to HDMI-enabled TV or display, support 4K Ultra HD; USB 3.0 Type A standard female output port with maximum 5 Gbps data transfer rate, connect devices such as flash driver or camera or a USB cable for syncing and charging mobile device; C-USB female charging port for MacBook or new Google Chromebook Pixel and other USB-C supported charging devices. 	Nos	2
54	Regular duty paper Shredder Fsd(1) Opc (2)	<ul style="list-style-type: none"> Cut Type : Cross cut Sheet Capacity : 15 Minimum 13 liter waste bin or higher 3 year warranty 	Nos	3

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(End User)