

**TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)**

Tender Documents

**PROCUREMENT, SUPPLY, INSTALLATION,
TESTING AND COMMISSIONING OF CCTV
CAMERAS AND SURVEILLANCE SYSTEMS**

**BOARD OF MANAGEMENT
QUAID-E-AZAM INDUSTRIAL ESTATE
KOT LAKHPAT LAHORE**

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

Important Note:

Bidders must ensure that they submit all required documents, indicated in the Bidding Documents without any fail. Bids received without, undertakings, valid documentary evidence, supporting documents and the manner for the various requirements, mentioned in the Bidding Documents or test certificates are liable to be rejected at the initial stage itself. The data sheets, valid documentary evidences for the critical components as detailed hereinafter should be submitted by the Bidder for scrutiny.

Applicability of Punjab Procurement Rules, 2014

This Bidding Process will be governed under Punjab Procurement Rules, 2014, as amended from time to time and instructions of the Government of the Punjab received during the completion of the project.

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

Tender Notice

PROCUREMENT, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF CCTV CAMERAS AND SURVEILLANCE SYSTEMS

Board of Management Quaid-e-Azam Industrial Estate (BOM QIE) invites electronic bids from the original manufacturers / authorized distributors / suppliers / contractor / service providers etc. registered with Income Tax and Sales Tax Department for the Procurement, Supply, Installation, Testing and commissioning of 19 CCTV Cameras Surveillance System in QIE.

e-bidding documents as per regulations, contained detailed terms and conditions, specifications and requirement etc. are available for the registered bidders on PPRA website: www.ppra.punjab.gov.pk, BOM QIE website www.qie.com.pk and EPADS Portal i.e. <http://punjab.eprocure.gov.pk> free of cost.

General Terms & Conditions:

- As per Punjab Procurement Rules-2014. Rule 38(1) single stage two envelope bidding procedure will be applicable.
- Bid must contain Bid Security in shape of CDR / Pay Order amounting to Rs. 196,532/- against the project estimated cost Rs. 9,826,572/- in favor of “PIEDMC Quaid-e-Azam Industrial Estate Board Lahore” (which is 2% of the estimated cost) without which the offer shall be rejected being non-responsive. The bid security must be attached in PDF format and submitted in original in Undersigned office address.
- Technical and Financial Separate bids, duly completed, signed, stamp and incomplete conformity with Tender Documents must be submitted online E-Pak Acquisition and Disposal System (EPADS) Portal i.e. <http://punjab.eprocure.gov.pk> till 19th September, 2024 by or before 02:30 PM and bids shall be opened on same date at 03:00 PM, as per the PPRA Rules, 2014.
- Incomplete Bids not signed and stamped, late or submitted by other than specified mode will not be considered.
- For bids submission on E-Procurement, Bidders are requested to register at www.punjab.eprocure.gov.pk.
- The selection will be carried out on “Least cost method” criteria.

All rates must be inclusive of all applicable govt. taxes. Any bidder not fulfilling the eligibility criteria given in bidding documents will be considered ineligible for bidding

1. Application form
2. Technical Requirement
3. Vendor Prequalification conditions
4. Technical qualification
5. Responsibilities of Vendor and QIE
6. Standard terms and conditions of contract
7. Submit 02% bid security Rs. 196,532/- (refundable) of total estimated cost of Rs.9,826,572/- in the shape of CDR/Pay Order in favor of **PIEDMC-Quaid-e-Azam Industrial Estate Board, Lahore** which must be attached with Technical bid. Otherwise, tender will not be accepted.

SR. ESTATE MANAGER
BOARD OF
MANAGEMENT
QUAID E AZAM INDUSTRIAL
ESTATEKOT LAKHPAT LAHORE

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

Type of Open Competitive Bidding

Single Stage - Two Envelopes Bidding Procedure shall be followed. The said procedure is reproduced as follows:

- (i) The bid shall be a single packet consisting of two separate PDF Files, containing separately the financial and the technical proposals.
- (ii) The envelopes shall be clearly marked as " Technical Proposal" and " Financial Proposal".
- (iii) In the first stage, the "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 confirm to the specified requirements.
- (v) During the technical evaluation, no amendment in the technical proposal shall be permitted.
- (vi) After the evaluation and approval of the technical proposals, the procuring agency shall open the financial proposals of technically accepted bids, publically at the time, date and venue announced and communicated to bidders in advance, within the bid validity period.
- (vii) The Financial bids found technically non-responsive shall be returned un-opened to the receptive bidders.
- (viii) The lowest evaluated bidder shall be awarded the contract.

Bidding Details (Instructions to Bidders)

All bids must be accompanied by **02% Bid Security** (Earnest Money) of Total estimated cost of Rs.9,826,572/- as part of Technical bid and as per provisions of the clause "Bid Security" of this document in the shape of CDR/Pay order from a schedule bank in Pakistan in favor of PIEDMC-Quaid-e-Azam Industrial Estate- Board. The Technical bids shall be opened in the office of Quaid-e-Azam Industrial Estate, Kot-Lakhpatt Lahore on the same date i.e. **19th September, 2024 at 03:00 P.M.** In case, the last date of bid submission falls in / within the official holidays / weekends of the Purchaser, the last date for submission office bids shall be the next working day.

Bidders shall submit bids, complying with the Bidding Documents. Alternative bids shall not be considered.

It will be the responsibility of Bidders to investigate / consider all factors before submission of their Bids and no claim whatsoever including those of financial adjustments to the contract awarded under this Bid Process will be entertained by the Purchaser. Neither any time schedule, nor financial adjustments, arising thereof shall be permitted on account of failure by the Bidder.

It must be clearly understood that the Terms and Conditions and Specifications are intended to be strictly enforced. No escalation of cost except arising from increase in quantity by the Bidder on the demand and approval of the Purchaser will be permitted throughout the period of completion of the contract.

Bidders shall be fully / completely responsible for all deliveries and deliverables to the Purchaser.

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

The Contact & details for all correspondence in relation to this bid is as follows:

Primary Contact

1. Major (R) Tariq Hussain
Sr. Estate Manager- QIE
0333-4307334
em@qie.com.pk

2. Mohammad Tanveer
Sr. IT Officer
0323-4469175
info@qie.com.pk

3. Muhammad Abu bakar
Electrical Engineer
0322-4305722
electricalengineer@qie.com.pk

4. Mudassar Ahmed
CCTV Supervisor 0333-4561876
amuddassar@gmail.com

Bidders should note that during the period from the receipt of the bid and until further notice from the Primary Contact, all queries should be communicated via Primary Contact and in writing (e-mail) only. In the case of an urgent situation where the Primary Contact cannot be contacted, the bidder may alternatively direct their enquiries through the Secondary Contact.

Bidders are also required to state in their proposals, name, title, contact number (land line, mobile), fax number and e-mail address of the bidder's authorized Preventative through whom all communications shall be directed until the process has been completed or terminated.

The Purchaser will not be responsible for any costs or expenses incurred by bidders in connection with the preparation or delivery of bids.

Failure to supply required items/services within the specified time period will invoke penalty as specified in this document.

Examination of the Tender Document

The tenderer expected to examine the Tender Document, including all instructions and terms and conditions.

Evaluation Criteria

A substantially responsive bid is one which

- (i) Meets the eligibility criteria
- (ii) Has been properly signed & stamped
- (iii) Is accompanied by the required Bid Security; and
- (iv) Conforms to all terms, conditions and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one:-

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

- (a) Bid must be submitted on turnkey basis.
- (b) Which affect in any substantial way the scope, quality or performance of the Goods;
- (c) Which limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or
- (d) Adoption/rectification whereof would affect unfairly the competitive position of other Bidders presenting substantially responsive bids.

Bid Security

Interested Bidder must submit 02% bid security Rs. 196,532/- refundable of total estimated cost of Rs.9,826,572/- in the shape of CDR / Pay order / Demand Draft from a schedule bank in Pakistan in favor of **PIEDMC-Quaid-e-Azam Industrial Estate Board, Lahore** alongwith the Technical Bid. Any Bid received without Bid Security will not be considered for the Tender Participation.

Clarification of the Tender Document

The Tenderer may require further information or clarification of the Tender Document, within 10 (Ten) working days of issuance of tender in writing. The clarification and its replies will be shared with all prospective bidders. Bidders should note that during the period from the receipt of the bid and until further notice from the Primary Contact given herein this document, all queries should be communicated via Primary Contact in writing (e.g. email & letter) only. In case of an urgent situation, where Primary Contact cannot be made, the bidder may alternatively direct their enquiries through the Secondary Contact.

Technical Evaluation Criteria

PASS MARKS: A technically eligible bidder, based on conditions listed in this document, not meeting the 60% pass marks limit will be rejected in Technical Evaluation, and its sealed/unopened Financial Proposal shall be returned back. All bidders scoring greater than or equal to 60% of the marks will be accepted in technical proposal, and their financial bids will be opened.

PROVISO: Provided that if NONE or ONLY ONE (single) bidder exceeds the 60% pass mark then the Purchaser shall decrease the Pass Mark limit to 50%. In other words, if TWO or more bidders exceed 60%, then the Pass Mark will NOT be decreased to 50%.

If Pass Marks are decreased to 50%, then ALL bidders with scores greater than or equal to 50% shall be considered EQUALLY as approved in the Technical Evaluation, and their Financial Bids shall be opened.

Bidders who have duly complied with the Eligibility/Qualification and Evaluation Criteria will be eligible for further processing.

Bids which do not confirm the Technical Specifications or Bid conditions or Bids from the Bidders without Adequate capabilities will be rejected.

The Eligible/Technically Qualified Bidders will be considered for further evaluation.

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

Evaluation Criteria

The Technical proposals shall be evaluated by the technical evaluation committee in the light of following Evaluation criteria:

Category	Description	Points
Legal (Mandatory)	Certificate of Company/Firm Registration/Incorporation under the laws of Pakistan	Mandatory
	Firm Must be ISO Certified	Mandatory
	Pakistan Engineering Council Registration with EE02 & EE09.	Mandatory
	Valid NTN, Income Tax Registration, General Sales Tax Registration, Active TaxPayer (Status = Active with FBR and PRA)	Mandatory
	Submission of undertaking on legal valid and attested Stamp paper that the firm is not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or private Sector Organization anywhere in Pakistan.	Mandatory
	Compliance to the Hardware / services required i.e. Scope of Services / in this document in full compliance of the Execution Schedule and Period mentioned intender document (Undertaking on Letter Head)	Mandatory
Support & Licensing Capacity of Bidder	After Sale Service and Warranty for 01-Year (free service and maintenance of each item)	Mandatory
	Valid Authorization Certificate from OEM of Major Equipment.	
	Establish its own Infrastructure in QIE to cater the Proposed Network which further support to already existing Network of Central Monitoring System (CMS), QIE.	Mandatory

Note: Any Non-compliance to the mandatory requirement shall lead to rejection.

Financial Strength / Experience	Audited Financial Reports of last 3 years	3 Years	25 Points for each year
	Projects of Similar Nature (Max Points 100)	5 million	10 Points
		6-10 million	25 Points
		11-15million	50 Points
		16-20million	75 Points
		21 million or above	100 Points
	Average Annual Sales of last three (3) years (Max Points 100)	100 - 200 million	60 Points
		201-300 million	70 Points
		301-400 million	80 Points
		401 million & above	100 Points
	Net Worth of last three (3) years (Max Points 100)	100 - 200 million	60 Points
		201-300 million	70 Points
		301-400 million	80 Points
401 million & above		100 Points	
Human Resource, Professional	Number of Employees (Max Points 100)	10	30 Points
		26-50	40 Points
		51-75	60 Points
		76-100	80 Points
		101 or above	100 Points

Note: Verifiable documentary proof for all above requirements and criteria points are mandatory requirement and marks will be awarded on the basis of these verifiable proofs.

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

Project Requirement

CCTV Cameras IP Surveillance Solution at Quaid-e-Azam Industrial Estate, Lahore

Sr #	Description Name	Unit	Qty	Compliance	
				Yes	No
1	<p>8 MP AcuSense Varifocal Bullet Network Camera High quality imaging with 8 MP resolution Excellent low-light performance with powered-by-DarkFighter technology Clear imaging against strong backlight due to 120 dB true WDR technology Efficient H.265+ compression technology Focus on human and vehicle targets classification based on deep learning Audio and alarm interface available 3D DNR technology delivers clean and sharp images Motorized varifocal lens for easy installation Water and dust resistant (IP66) and vandal-resistant (IK10) Hikvision, Huawei or approved Equivalent</p>	Pcs	19		
2	<p>16 Channel NVR >Incoming bandwidth 320 Mbps or above >Up to 24MP resolution for live view, recording and playback >1-channel fisheye dewarping (AI by NVR) >6 Face attributes: Gender; age; glasses; expression; mouth mask; beard >AI Search by target classification (human, vehicle) >1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet port >2 SATA III ports, up to 10 TB for a single HDD Hikvision, Huawei, Samsung or approved Equivalent</p>	Pcs	2		
3	<p>Digital Storage Capacity: 8TB minimum Interface: SATA 6 Gb/s Grade: Surveillance WD / Seagate or approved Equivalent</p>	Pcs	4		
4	<p>43" Smart Android TV Display Resolution 1920*1080 Audio Power Output 4K HDR10 Decoding Contrast Ratio 4000:1 COMB/WIFI/2.4G/2*2/BT/Ethernet Network RJ45 TCL, Samsung, Panasonic, Sony or approved Equivalent</p>	Pcs	2		
5	<p>8-PortsPoE Switch >1 SFP Port Gigabit >1 Ethernet uplink Gigabit >4 Ethernet Ports PoE 10/100 >Layer 2 IEEE802.3af; IEEE802.3at; Hi-PoE; IEEE802.3bt >Total PoE Power Consumption 94W >Working temperature Design: -30°C to +65°C >Supports dual power backup Hikvision, Huawei or approved Equivalent</p>	Pcs	7		

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

6	24-Ports Gigabit Switch >16 Ethernet Ports Gigabit >Switching Capacity:32Gbps >Packet Forwarding Rate:23.8Mpps >Lightning Protection: Common Mode 6KV, >Hikvision, Cisco, Huawei or approved Equivalent	Pcs	1		
7	HDMI Cable 15 Meters (3M, Schneider or approved Equivalent)	Pcs	2		
8	Wireless Mouse (Branded A4 Tech or approved Equivalent)	Pcs	2		
9	42U Server Cabinet (Local) > 2 Trays, >4 x Fans	Pcs	1		
10	> Outdoor Data Cabinet (24Hx24Wx24D) > Mount Type: Pole Sheet gauge: 16 AWG > Incoming protection breaker (according to the load) > Lock and Key system > Body lower with Filter > Powder Coating Paint	Pcs	7		
11	> UPS (1-KVA), 12Vdc (1 battery) > Transfer Time: 2~6mstypical Pure Sine Wave > Noise Filtering: Full time EMI/RFI Filtering > Voltage Rage: 145~275Vac > Deutsche Power, Inverex, cystic, APC or approved Equivalent	Pcs	7		
12	Maintenance free Battery 45AH, 12V (13PL) (Branded AGS, Exide, Daewoo or approved Equivalent)	Pcs	7		
13	UPS 3KVA (2100Watt) 24Vdc (2-batteries) for CCTV Control Room Transfer Time: 2~6ms typical Pure Sine Wave Noise Filtering: Full time EMI/RFI Filtering Voltage Rage: 145~275Vac Deutsche Power, Inverex, cystic, APC or approved Equivalent	Pcs	2		
14	Deep Cycle Dry Battery 175AH, 12V (Daewoo, Long, Inverex or approved Equivalent)	Pcs	4		
15	<i>Fiber Media Convertor (Gigabit) Ai-Tech</i>	Pcs	15		

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

16	Fiber Splicing Box 24 Port (Outdoor)	Pcs	5		
17	> ODF 24 Port >> Rack Mount Metal body > Fully loaded with Pig tail, Patch Cords, Modules and Splicing (Ai-Tech or approved equivalent)	Pcs	1		
18	Fiber Splicing Box 8 Port (Outdoor)	Pcs	20		
19	UTP Cat-6 Cable 24AWG > Oxygen free copper (99.97% purity) > Insulation Material: HDPE > Max. DC Resistance of a Single Conductor:8.7Ω/100 m > Operating Temperature: -20°C to +60°C (-4°F to 140°F) > 3M, Schneider or approved Equivalent	RFT	1000		
20	Fiber Accessories & Patch Cords	LOT	1		
21	ODF 8 Port >Wall Mount Metal body >Fully loaded with Pig tail, Patch & Cords, Modules and Splicing	Nos	7		
22	Power Cable Two Core (Branded) > Size 3/0.29 > 99.9% Pure Copper (GM, Newage, or approved Equivalent)	Mtr	630		
23	Optical Fiber Cable 12-Core single mode Aerial Optical fiber Cable (G.652D OFC CLT-7.5mm) (M3, Premier, Ultranet or approved equivalent) <i>(must provide FAT report)</i>	Mtr	6000		
24	Galvanized Iron Pole 24 feet and Camera Bracket Arm > 20feet Pole 4" Dia, 12 AWG >4 feet L-shape arm 3" Dia > J-Bolt, Base Plate (size and thickness shall be as per solution which comply the wind velocity of 160 km/h) > Pole foundation shall be as per soil data and loading of the super structure > Galvanized Thickness > Pole Erection Including Civil Work	Pcs	7		
25	Civil Works including prepration of Pole Foundation	Nos	7		
26	Optical Fiber Cable Laying Charges / Meter	Mtr	6000		
27	Optical Fiber Cable Splicing	Nos	240		
28	Optical Fiber Cable Joints	Nos	20		
29	Pole Installation	Nos	7		
30	DB Installation & Pole Commissioning	Nos	7		
31	Galvanized Iron Camera Bracket >3 feet long with Camera Plate (Pole Mounted) > Galvanized Thickness	Pcs	7		
32	Cable Manager	Pcs	2		

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

33	PDU 8 Port	Pcs	4		
34	RJ-45 UTP Connectors	Pcs	100		
35	Water Proof (PVC) Box 4x4 for Cameras	Nos	5		
36	Connector Strip >60/100 AMP	Pcs	50		
37	PVC Flexible Pipe 1" (Branded) Adamjee, Popular, Beta or approved equivalent	Rft	600		
38	Transportation, Installation, Laying, Testing and Commissioning of System	Job	1		

Note: Cameras, NVR and Switches must be from same Brand

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

General Requirements

Sr. No.	Item	Submission Time & Date	Tender Fee& Bid Security	Performance guarantee in form of Pay order/ Bank guarantee (From Scheduled bank of Pakistan)
1	Installation of CCTV Cameras	Submission Date: 19th SEPTEMBER 03:00 P.M.	02% Bid security (refundable) of Total estimated cost of Rs.9,826,572/- in the shape of CDR / pay order from a schedule bankin Pakistan in favor of PIEDMC-Quaid-e-Azam Industrial Estate Board, Lahore to be attached with bidding documents.	10% of Contract amount from successful bidder in shape of CDR/Pay Order in favor of PIEDMC - Quaid-e-Azam Industrial Estate Board, Lahore.

Scope of Work

Procurement, installation, testing, commissioning, operation and maintenance of IP BASED CCTV Surveillance system as per following details:

- (i) Installation of **19 cameras** including **7 poles** and **7 sites** as required alongwith all suitable arrangements. The required Quantity may be increased or decreased at the time of placing order or thereafter in future.
- (ii) Laying, terminating & connecting Single mode Optical Fiber Cable (OFC) branded and it'sSplicing between cameras & control room.
- (iii) Enhancement of control rooms for Installation and Configuration of Cameras with **02 x 43" LED** display for live monitoring.
- (iv) Installation & configuration of video software (No License Fees) in Main Control Room and Alternate Control rooms respectively at BOM QIE Office.
- (v) Installation & commissioning of Cameras, NVR, Switches, LEDs, Fiber Laying & Termination, LAN / Power cables, UPS, poles for cameras.
- (vi) Training:- Vendor will provide training of Minimum Six (06) days to a team of QIE CCTV Control Room Team for Surveillance Monitoring and Maintenance.

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

Commercial Bid

The cost shall include:

- Supply, installation and commissioning of 19CCTV cameras, 07 poles with appropriate cabling work with material as per the 07 sites.
- Number of locations and number of CCTV cameras likely to be increased or decreased with prior written approved of authority.

Penalty for downtime

The QIE may make a complaint about the equipment/service through letter- fax, e-mail, phone, SMS or any other means as the QIE thinks fit or convenient.

On receiving complaint about equipment/service, the vendor will respond and repair/replace or provide required services within 24 hours, if failed, penalty shall be levied Rs. 1,000/- per day.

Terms of Delivery and Payment

Delivery Term: The Deliverables must reach the site /store in twenty to twenty five (20 to 25) working days after the issuance work order.

Payment Terms: As per current practices, no advance payment is permissible. However, to ensure cash flow, commensurate with progress of the project and the deliverables, stage payment schedule is suggested in succeeding paragraphs.

90% of total invoiced value shall be paid within 30 days after the delivery, Installation, testing, Commissioning & handing over of the Project. The Remaining 10% of total invoiced value shall be paid after completion of one year.

Defect liability period (DLP) is of one (01) year along with one year free service and maintenance in all respect (OFC Cable laying, splicing etc) including recurring cost of the project.

Duties and Taxes

Tender bidding amount shall include all duties and taxes and any change imposes upon current Taxes Duty structure by Govt. of Pakistan will bear by the vendor.

Commercial Bid

The Commercial Bids are to correspond to the Technical Bids and contain all costing details. Commercial bids of only technically qualified vendors will be considered. The information in commercial bid must be in unitized form so that commercial bid of all firms can be properly compared and Vendor can be clearly established. Bid validity shall be 90 days.

Time Frame

The vendor should ensure the completion of the work within 6 to 8 working weeks (excluding holidays) from the date of awarding of the contract.

Force Majeure

If either of the parties suffer delay in due execution of their contractual obligation due to the operation of one or more of the force majeure events such as but not limited to, act of God, War, flood, earthquake, strikes, Lockouts, fire, epidemics, riots, uncontrollable events, civil commotions etc. the agreed time for the completion of respective obligations shall be extended by a period of the time equal to the period of the delay occasioned by such events. On the occurrence and cessation of any such event, the party affected thereby shall give notice in writing to the other party. Such notices to be given within 15 days of occurrence/cessation of the event concerned. If the force majeure conditions continue beyond 30 days the parties shall mutually decide about the future course of action.

Note: Above cost shall include

- Procurement, installation and commissioning of CCTV cameras and surveillance system.
- Payment will be calculated on the basis of actual work done in term of no. of cameras with accessories such as NVR, power supply, HDD etc. needed.

Name:

Signature of the vendor along with seal

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

List of Sites

Proposed Locations of CCTV Cameras Quaid-e-Azam Industrial Estate, Kot-Lakhpat, Lahore

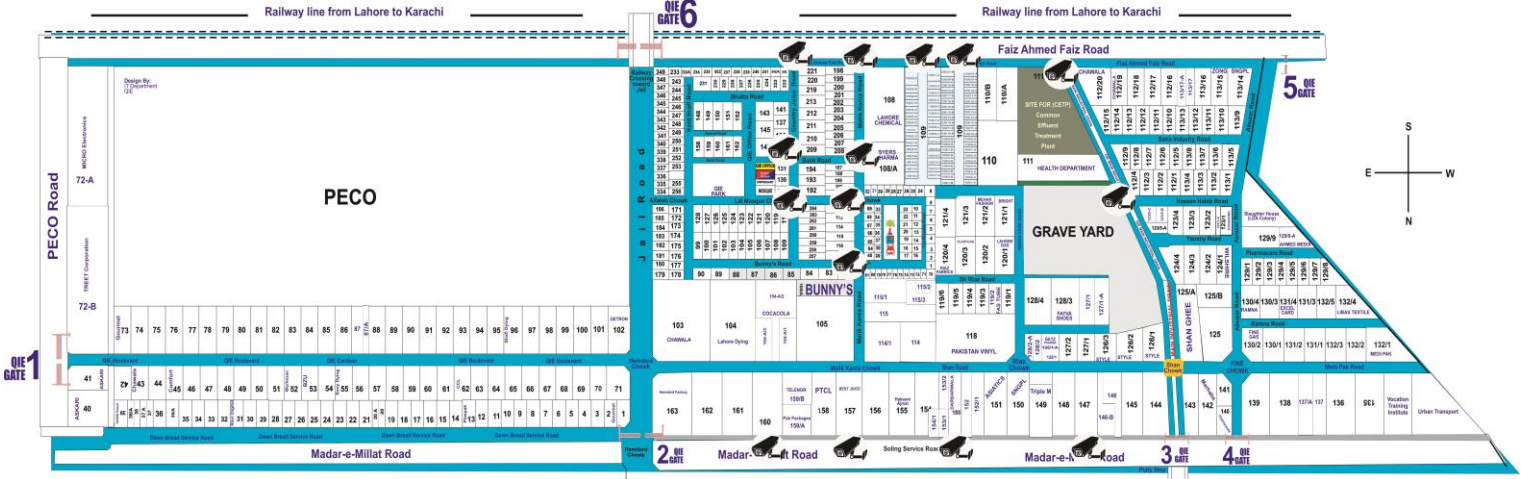
Sr. No.	Location	Plot No.	No. of Cameras	Poles	Position
5	Man Stock Engineering Pvt. Ltd.	121-S	2	1	RIGHT/BACK
6	Obsons Pharmaceuticals	209-S	2	1	LEFT/RIGHT
9	Dye Maker	208-S	3	1	LEFT/RIGHT
10	United Industrial Aid	32-S	2	1	LEFT/RIGHT
11	Dying Unit	81-S	4	1	LEFT/RIGHT/FRONT/BACK
13	Agha Sons	242-S	2	1	LEFT/RIGHT
14	Zahid Metal	198-S	3	1	LEFT/RIGHT/FRONT
Total No. of Cameras, Poles & Sites			19	7	Sites = 7

The bidder for the project would be required to install all requisite infrastructures and provide the services on a turnkey basis to enhance the current monitoring system with **7 additional locations**, fitted with 1 to 4 CCTV Cameras with pole, accessories etc. and details of which, can be enquired from the QIE office during working hours before the submission of Tender Documents.

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

PROPOSED LOCATION OF CCTV CAMERA'S PHASE-V
QUAID-E-AZAM INDUSTRIAL ESTATE

KOT-LAKHPAT LAHORE



Tentative Location of CCTV Cameras Phase-V Quaid-e-Azam Industrial Estate, Kot Lakhpat, Lahore

Sr. No.	Location	Plot No.	No. of Cameras	Poles	Sr. No.	Location	Plot No.	No. of Cameras	Poles
1	Dye Maker	208-S	3	1	05	Agha Sons	242-S	2	1
2	United industrial Aid	32-S	3	1	06	Zahid Metal	198-S	3	1
3	Dying Unit	81-S	4	1	07	Obsons Pharmaceuticals	209-S	2	1
4	Man Stock Engineering Pvt. Ltd.	121-S	2	1	Total No. of Cameras & Poles			19	7

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

Technical Requirement

QIE requires well reputed firms to provide coverage area enhancement of the current surveillance infrastructure on turnkey basis. The project involves supply of the following products and services.

Sr #	Description Name	Unit	Qty
1	<p>8 MP AcuSense Varifocal Bullet Network Camera High quality imaging with 8 MP resolution Excellent low-light performance with powered-by-DarkFighter technology Clear imaging against strong backlight due to 120 dB true WDR technology Efficient H.265+ compression technology Focus on human and vehicle targets classification based on deep learning Audio and alarm interface available 3D DNR technology delivers clean and sharp images Motorized varifocal lens for easy installation Water and dust resistant (IP66) and vandal-resistant (IK10) Hikvision, Huawei or approved Equivalent</p>	Pcs	19
2	<p>16 Channel NVR >Incoming bandwidth 320 Mbps or above >Up to 24MP resolution for live view, recording and playback >1-channel fisheye dewarping (AI by NVR) >6 Face attributes: Gender; age; glasses; expression; mouth mask; beard >AI Search by target classification (human, vehicle) >1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet port >2 SATA III ports, up to 10 TB for a single HDD Hikvision, Huawei, Samsung or approved Equivalent</p>	Pcs	2
3	<p>Digital Storage Capacity: 8TB minimum Interface: SATA 6 Gb/s Grade: Surveillance WD / Seagate or approved Equivalent</p>	Pcs	4
4	<p>43" Smart Android TV Display Resolution 1920*1080 Audio Power Output 4K HDR10 Decoding Contrast Ratio 4000:1 COMB/WIFI/2.4G/2*2/BT/Ethernet Network RJ45 TCL, Samsung, Panasonic, Sony or approved Equivalent</p>	Pcs	2
5	<p>8-PortsPoE Switch >1 SFP Port Gigabit >1 Ethernet uplink Gigabit >4 Ethernet Ports PoE 10/100 >Layer 2 IEEE802.3af; IEEE802.3at; Hi-PoE; IEEE802.3bt >Total PoE Power Consumption 94W >Working temperature Design: -30°C to +65°C >Supports dual power backup Hikvision, Huawei or approved Equivalent</p>	Pcs	7

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

6	24-Ports Gigabit Switch >16 Ethernet Ports Gigabit >Switching Capacity:32Gbps >Packet Forwarding Rate:23.8Mpps >Lightning Protection: Common Mode 6KV, >Hikvision, Cisco, Huawei or approved Equivalent	Pcs	1
7	HDMI Cable 15 Meters (3M, Schneider or approved Equivalent)	Pcs	2
8	Wireless Mouse (Branded A4 Tech or approved Equivalent)	Pcs	2
9	42U Server Cabinet (Local) > 2 Trays, >4 x Fans	Pcs	1
10	> Outdoor Data Cabinet (24Hx24Wx24D) > Mount Type: Pole Sheet gauge: 16 AWG > Incoming protection breaker (according to the load) > Lock and Key system > Body lower with Filter > Powder Coating Paint	Pcs	7
11	> UPS (1-KVA), 12Vdc (1 battery) > Transfer Time: 2~6mstypical Pure Sine Wave > Noise Filtering: Full time EMI/RFI Filtering > Voltage Rage: 145~275Vac > Deutsche Power, Inverex, cystic, APC or approved Equivalent	Pcs	7
12	Maintenance free Battery 45AH, 12V (13PL) (Branded AGS, Exide, Daewoo or approved Equivalent)	Pcs	7
13	UPS 3KVA (2100Watt) 24Vdc (2-batteries) for CCTV Control Room Transfer Time: 2~6ms typical Pure Sine Wave Noise Filtering: Full time EMI/RFI Filtering Voltage Rage: 145~275Vac Deutsche Power, Inverex, cystic, APC or approved Equivalent	Pcs	2
14	Deep Cycle Dry Battery 175AH, 12V (Daewoo, Long, Inverex or approved Equivalent)	Pcs	4
15	<i>Fiber Media Convertor (Gigabit) Ai-Tech</i>	Pcs	15

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

16	Fiber Splicing Box 24 Port (Outdoor)	Pcs	5
17	> ODF 24 Port >> Rack Mount Metal body > Fully loaded with Pig tail, Patch Cords, Modules and Splicing (Ai-Tech or approved equivalent)	Pcs	1
18	Fiber Splicing Box 8 Port (Outdoor)	Pcs	20
19	UTP Cat-6 Cable 24AWG > Oxygen free copper (99.97% purity) > Insulation Material: HDPE > Max. DC Resistance of a Single Conductor:8.7Ω/100 m > Operating Temperature: -20°C to +60°C (-4°F to 140°F) > 3M, Schneider or approved Equivalent	RFT	1000
20	Fiber Accessories & Patch Cords	LOT	1
21	ODF 8 Port >Wall Mount Metal body >Fully loaded with Pig tail, Patch & Cords, Modules and Splicing	Nos	7
22	Power Cable Two Core (Branded) > Size 3/0.29 > 99.9% Pure Copper (GM, Newage, or approved Equivalent)	Mtr	630
23	Optical Fiber Cable 12-Core single mode Aerial Optical fiber Cable (G.652D OFC CLT-7.5mm) (M3, Premier, Ultranet or approved equivalent) <i>(must provide FAT report)</i>	Mtr	6000
24	Galvanized Iron Pole 24 feet and Camera Bracket Arm > 20feet Pole 4" Dia, 12 AWG >4 feet L-shape arm 3" Dia > J-Bolt, Base Plate (size and thickness shall be as per solution which comply the wind velocity of 160 km/h) > Pole foundation shall be as per soil data and loading of the super structure > Galvanized Thickness > Pole Erection Including Civil Work	Pcs	7
25	Civil Works including prepration of Pole Foundation	Nos	7
26	Optical Fiber Cable Laying Charges / Meter	Mtr	6000
27	Optical Fiber Cable Splicing	Nos	240
28	Optical Fiber Cable Joints	Nos	20
29	Pole Installation	Nos	7
30	DB Installation & Pole Commissioning	Nos	7
31	Galvanized Iron Camera Bracket >3 feet long with Camera Plate (Pole Mounted) > Galvanized Thickness	Pcs	7

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

32	Cable Manager	Pcs	2
33	PDU 8 Port	Pcs	4
34	RJ-45 UTP Connectors	Pcs	100
35	Water Proof (PVC) Box 4x4 for Cameras	Nos	5
36	Connector Strip >60/100 AMP	Pcs	50
37	PVC Flexible Pipe 1" (Branded) Adamjee, Popular, Beta or approved equivalent	Rft	600
38	Transportation, Installation, Laying, Testing and Commissioning of System	Job	1
Note: Cameras, NVR and Switches must be from same Brand			

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

Vender Prequalification

The Biding firm/company/vendor must be a registered company under Company Act 1932. Past Experience/s - installation of security and surveillance systems.

The Vendor should have minimum Eight to Ten years of experience in related fields.

The vendor must have implemented CCTV camera installation for at least three projects.

The vendor must have knowledge and experience of implementation of electronic security systems including access control, surveillance and required software for monitoring.

Capability of vendor to complete this task in 06 to 08 weeks.

Vendor Prequalification: Only those firms which qualify Vendor Prequalification will qualify for Technical qualification.

Technical Qualification

For technical bid, vendor should Submit and furnish following details:

1. No. of technicians and engineers (attach list of names alongwith experience).
2. No. of assisting Staff in implementation (attach list of names alongwith experience).
3. Capacity of installation of cameras in a day.
4. Vender standard list of equipment and tools for implementation.
5. Work experience for such volume of work: the vendor should have adequate experience in implementing the projects in the field of security and surveillance systems.
6. Vendor shall provide project plan for the procurement, implementation.
7. The information in the technical bid should be completed in itself facilitating full technical scrutiny.
8. The vendor must volunteer all information required for this purpose. It must be borne in mind that no change to commercial bid, arising out of clarifications on technical bid, is permitted.

Note:

- a. Attested Photo copies of above for proof should be attached.
- b. Original copies should be provided at the time of opening tender.

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

Responsibilities of Vendor and QIE

A) Vendor Responsibilities

- The vendor will be required to survey the work places and the office areas and identify strategic locations to place the CCTV cameras so as to have maximum coverage of the work places and other locations which required to be monitored including the computer screens.
- The vendor will have to deploy suitable manpower to supervise the work having knowledge of CCTV monitoring system implementation.
- Vendor shall provide project plan for the procurement, implementation.
- Vendor shall continue to provide maintenance and support during and after the warranty period.
- All Civil work will be the responsibility of the vendor.

B) QIE's Responsibilities:

Acceptance of tender

- Acceptance of hardware and software
- QIE office will provide assistance to show the locations, electric points and will ensure that the site is available for installation as per the schedule stated.
- The QIE or his designated officer will certify the installation and commissioning of the CCTV system.

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

Terms & Conditions

Standard Terms and Conditions of Operating Contract (STACs)

In context of this document, following definitions will apply:

(a) Purchaser:

The Purchaser is the QIE acting through the authority issuing the purchase order. This term is synonymousto Buyer.

(b) Vendor:

The vendor is the party to whom tender enquiry has been sent. The party may or not respond to the tender enquiry.

(c) Validity:

The STAC as stipulated hereunder except to the extent agreed to the modified by the purchaser, inwriting, shall supersede conditions stipulated by the Vendor.

(d) Contract:

The contract shall deem to have been concluded by the "acceptance of tender" issued in the form of a purchase order. The acceptance may be communicated to the Vendor by fax or registered/speed post. The Vendor is required to acknowledge receipt of the acceptance within 3 working days.

However, non-acknowledgement on the part of the Vendor does not affect the "acceptance of tender" or the conclusion of contract.

All communications by the Purchaser to the Vendor will be deemed to have been made by e-mail, fax, or registered/speed post to the number or address furnished by the Vendor.

The purchaser shall not be liable for any obligation, monetary or otherwise, that has not been expressly stated in the contract.

The Vendor shall deem to have indemnified the Purchaser against all claims by third parties relating to the contract, including but not limited to intellectual property rights.

The Vendor shall not disclose any information provided to him by the Purchaser except to the extent required to execute the contract.

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

(e) Effective Date of Contract

The effective date of Contract will be the date on which the work order is issued.

(f) Specifications

Specifications governing the project to be provided with the tender enquiry as an enclosure. A quote received against a tender enquiry shall be deemed to commit the Vendor to those specifications.

Where an aspect is not covered in the specification, the Vendor shall be required to conform to the good quality standards that he had provided in the past to the Purchaser or to any other buyer. The specification contained in the tender enquiry may be modified if requisite

Specifications are not available, by mutual consent in written before the contract is accepted.

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

(g) Hardware:

For all cameras, NVRs and other related hardware: In case of defects occurring to any component during the tender period, the component is to be replaced by the Vendor within 24 hours free of cost. Similarly, onsite support shall be provided by the Vendor by way of Technician / supervisor on-site during the project execution.

(h) Price:

When quoting against a tender enquiry, the price of all types of components / installation material / charges/ Services and different types of taxes and duties shall be listed separately. Where only 'rates' are applicable, they shall be explained clearly.

The proposed cost by the vendor shall include procurement, implementation, testing and commissioning and post warranty annual maintenance contract.

The vendor should submit separate annual maintenance contract with details of the service to be provided including cost. This cost will be applicable after the warranty period (DLP).

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

ANNEX-A

Format of Cover Letter (FORM OF BID)

To,
Sr. Estate Manager

Board of Management
Quaid-e-Azam Industrial Estate, Lahore

Sir,

We hereby accept the terms and conditions mentioned in the Tender for Installation of CCTV cameras at QIE.

We agree that the offer shall remain open for acceptance for a minimum period of three months from the date fixed for opening the tender and thereafter till it is withdrawn by us by notice in writing duly addressed to the authority opening the tender and sent by registered post or delivered at the office of such authority.

Demand draft No/s (s) dated ___/___/ 2024 for Rs. _____ payable at Lahore in favor of "PIEDMC QUAID-E-AZAM INDUSTRIAL ESTATE BOARD, LAHORE towards the earnest money is / are enclosed.

We understand that, the amount of earnest money will not bear interest and shall be liable to be forfeited to the Government if we fail to keep the offer open for the period mentioned above and if this offer is accepted, fail to sign and complete the contract documents as required by the Estate Manager, Quaid-e-Azam Industrial Estate or furnish the security deposit as specified under terms and conditions of the contract. The amount of earnest money may be adjusted towards the security deposit or refunded to us unless the same or any part thereof has been forfeited as aforesaid.

Date:
Name in block letters
Full Address:
Telephone/ Fax No
Email address.
Signature of the vendor along with seal

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

ANNEXURE-B

(To be Submit on Legal Paper)

UNDERTAKING

It is certified that the information furnished here in and as per the document submitted is true and correct and nothing has been concealed or tampered with. We have gone through all the conditions of tender and are liable to any punitive action for furnishing false information / documents.

Dated this ____ day of _____ 20

Signature

(Company Seal)

In the capacity of

Duly authorized to sign bids for and on behalf of:

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

ANNEXURE-C

(To be submitted on legal stamp paper)

AFFIDAVIT

Integrity Pact

I / We _____ (Name of the bidder / supplier) being the first duly sworn on oath submit, that Mr. / Ms. _____ (if participating through agent / representative) is the agent / representative duly authorized by _____ (Name of the bidder company) hereinafter called the Contractor to submit the attached bid to the _____ (Name of the Purchaser). Affiant further states that the said M/s _____ (Bidding Firm/Company Name) has not paid, given or donate or agreed to pay, given or donate to any line officer or employee of the _____ (Name of the Purchaser) any money or thing of value, either directly or indirectly, for special consideration in the letting of the contract, or for giving undue advantage to any of the bidder in the bidding and in the evaluation and selection of the bidder for contract or for refraining from properly and thoroughly maintaining projects implementations, reporting violation of the contract specification or other forms of non-compliance.

[The Seller/Supplier/Contractor] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with the Purchaser and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty / support.

[The Seiler/Supplier/Contractor] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty / support. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to the Purchaser under any law, contract or other instrument, be voidable at the option of the Purchaser.

Notwithstanding any rights and remedies exercised by the Purchaser in this regard, [the Seiler/Supplier/Contractor] agrees to indemnify the Purchaser for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to the Purchaser in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by [the Seiler/Supplier/Contractor] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from the Purchaser.

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

ANNEXURE-D

PERFORMANCE SECURITY

Issuing Authority:

Date of Issuance:

Date of Expiry:

**Claim Lodgment Date: (Must be
One month later than the expiry date)**

WHEREAS

_____ [Name and
Address of the Contractor] (hereinafter called "the Contractor") has agreed to render the Services against
Tender Name. _____, Tender No. _____ (Hereinafter called "the Contract")
for the Contract Value of PKR (in figures _____), (in words
_____)

AND WHEREAS it has been stipulated in the Tender Document that the successful Contractor shall furnish Performance Security, within Seven (07) days of the receipt of the Acceptance Letter (Letter of Acceptance) from the Purchaser, in the form of a Pay order / CDR/ Bank Guarantee, issued by a scheduled bank operating in Pakistan, as per this format, for a sum equivalent to Rs. _____ (10% of the contract value) valid from the date of issue until all obligations have been fulfilled in accordance with the Contract;

AND WHEREAS [Name of the Bank] having registered office at [Address of the Bank] (hereinafter called "the Guarantor") has agreed to give the Contractor a Guarantee;

THEREFORE the Guarantor hereby affirms to bind himself, his successors and his assigns to the Purchaser, for the sum of PKR (in figures _____) (in words _____) and undertakes to pay to the Purchaser, upon receipt of his written demand(s), any sum(s) as specified by him, not exceeding the above limit in aggregate, without cavil/argument and without the Purchaser having to substantiate / prove or to show grounds / reasons for such claim(s), on the occurrence of any / all of the following conditions:

1. If the Contractor commits a default under the Contract;
2. If the Contractor fails to fulfill any of the obligations under the Contract;
3. If the Contractor violates any of the provisions of the Contract.

Provided that the Purchaser shall specify the occurred condition(s) owing to which the said sum is due to him.
Provided further that any demand(s) / claim(s) from the Purchaser shall reach the Guarantor within thirty (30) working days after the expiry of the Guarantee.

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

This guarantee shall remain valid up to _____ or until expiry of warranties / support period or all obligations have been fulfilled in accordance with the Contract, **whichever is later.**

Date this _____ day of 20

GUARANTOR

Signature _____

CNIC No _____

Name _____

Designation _____

Address _____

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

ANNEXURE-E Price Schedule:

Sr#	Description Name	Unit	Qty	Unit Price	Total Price without GST/PST (Rs.)	Total Price with GST/ PST (Rs.)	Remarks
1	8 MP AcuSense Varifocal Bullet Network Camera High quality imaging with 8 MP resolution Excellent low-light performance with powered-by-DarkFighter technology Clear imaging against strong backlight due to 120 dB true WDR technology Efficient H.265+ compression technology Focus on human and vehicle targets classification based on deep learning Audio and alarm interface available 3D DNR technology delivers clean and sharp images Motorized varifocal lens for easy installation Water and dust resistant (IP66) and vandal-resistant (IK10) Hikvision, Huawei or approved Equivalent	Pcs	19				N.S.I
2	16 Channel NVR >Incoming bandwidth 320 Mbps or above >Up to 24MP resolution for live view, recording and playback >1-channel fisheye dewarping (AI by NVR) >6 Face attributes: Gender; age; glasses; expression; mouth mask; beard >AI Search by target classification (human, vehicle) >1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet port >2 SATA III ports, up to 10 TB for a single HDD Hikvision, Huawei, Samsung or approved Equivalent	Pcs	2				N.S.I
3	Digital Storage Capacity: 8TB minimum Interface: SATA 6 Gb/s Grade: Surveillance WD / Seagate or approved Equivalent	Pcs	4				N.S.I
4	43" Smart Android TV Display Resolution 1920*1080 Audio Power Output 4K HDR10 Decoding Contrast Ratio 4000:1 COMB/WIFI/2.4G/2*2/BT/Ethernet Network RJ45 TCL, Samsung, Panasonic, Sony or approved Equivalent	Pcs	2				N.S.I
5	8-PortsPoE Switch >1 SFP Port Gigabit >1 Ethernet uplink Gigabit >4 Ethernet Ports PoE 10/100 >Layer 2 IEEE802.3af; IEEE802.3at; Hi-PoE; IEEE802.3bt >Total PoE Power Consumption 94W >Working temperature Design: -30°C to +65°C >Supports dual power backup Hikvision, Huawei or approved Equivalent	Pcs	7				N.S.I

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

Sr#	Description Name	Unit	Qty	Unit Price	Total Price without GST/PST (Rs.)	Total Price with GST/ PST (Rs.)	Remarks
6	24-Ports Gigabit Switch >16 Ethernet Ports Gigabit >Switching Capacity:32Gbps >Packet Forwarding Rate:23.8Mpps >Lightning Protection: Common Mode 6KV, >Hikvision, Cisco, Huawei or approved Equivalent	Pcs	1				N.S.I
7	HDMI Cable 15 Meters (3M, Schneider or approved Equivalent)	Pcs	2				N.S.I
8	Wireless Mouse (Branded A4 Tech or approved Equivalent)	Pcs	2				N.S.I
9	42U Server Cabinet (Local) > 2 Trays, >4 x Fans	Pcs	1				N.S.I
10	> Outdoor Data Cabinet (24Hx24Wx24D) > Mount Type: Pole Sheet gauge: 16 AWG > Incoming protection breaker (according to the load) > Lock and Key system > Body lower with Filter > Powder Coating Paint	Pcs	7				N.S.I
11	> UPS (1-KVA), 12Vdc (1 battery) > Transfer Time: 2~6mstypical Pure Sine Wave > Noise Filtering: Full time EMI/RFI Filtering > Voltage Rage: 145~275Vac > Deutsche Power, Inverex, cystic, APC or approved Equivalent	Pcs	7				N.S.I
12	Maintenance free Battery 45AH, 12V (13PL) (Branded AGS, Exide, Daewoo or approved Equivalent)	Pcs	7				N.S.I
13	UPS 3KVA (2100Watt) 24Vdc (2-batteries) for CCTV Control Room Transfer Time: 2~6ms typical Pure Sine Wave Noise Filtering: Full time EMI/RFI Filtering Voltage Rage: 145~275Vac Deutsche Power, Inverex, cystic, APC or approved Equivalent	Pcs	2				N.S.I
14	Deep Cycle Dry Battery 175AH, 12V (Daewoo, Long, Inverex or approved Equivalent)	Pcs	4				N.S.I
15	<i>Fiber Media Convertor (Gigabit) Ai-Tech</i>	Pcs	15				N.S.I

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

16	Fiber Splicing Box 24 Port (Outdoor)	Pcs	5			N.S.I
17	> ODF 24 Port >> Rack Mount Metal body > Fully loaded with Pig tail, Patch Cords, Modules and Splicing (Ai-Tech or approved equivalent)	Pcs	1			N.S.I
18	Fiber Splicing Box 8 Port (Outdoor)	Pcs	20			N.S.I
19	UTP Cat-6 Cable 24AWG > Oxygen free copper (99.97% purity) > Insulation Material: HDPE > Max. DC Resistance of a Single Conductor:8.7Ω/100 m > Operating Temperature: -20°C to +60°C (-4°F to 140°F) > 3M, Schneider or approved Equivalent	RFT	1000			N.S.I
20	<i>Fiber Accessories & Patch Cords</i>	LOT	1			N.S.I
21	ODF 8 Port >Wall Mount Metal body >Fully loaded with Pig tail, Patch & Cords, Modules and Splicing	Nos	7			N.S.I
22	Power Cable Two Core (Branded) > Size 3/0.29 > 99.9% Pure Copper (GM, Newage, or approved Equivalent)	Mtr	630			N.S.I
23	Optical Fiber Cable 12-Core single mode Aerial Optical fiber Cable (G.652D OFC CLT-7.5mm) (M3, Premier, Ultranet or approved equivalent) <i>(must provide FAT report)</i>	Mtr	6000			N.S.I
24	Galvanized Iron Pole 24 feet and Camera Bracket Arm > 20feet Pole 4" Dia, 12 AWG >4 feet L-shape arm 3" Dia > J-Bolt, Base Plate (size and thickness shall be as per solution which comply the wind velocity of 160 km/h) > Pole foundation shall be as per soil data and loading of the super structure > Galvanized Thickness > Pole Erection Including Civil Work	Pcs	7			N.S.I
25	<i>Civil Works including prepration of Pole Foundation</i>	Nos	7			N.S.I
26	<i>Optical Fiber Cable Laying Charges / Meter</i>	Mtr	6000			N.S.I
27	<i>Optical Fiber Cable Splicing</i>	Nos	240			N.S.I
28	<i>Optical Fiber Cable Joints</i>	Nos	20			N.S.I
29	<i>Pole Installation</i>	Nos	7			N.S.I
30	<i>DB Installation & Pole Commissioning</i>	Nos	7			N.S.I
31	Galvanized Iron Camera Bracket >3 feet long with Camera Plate (Pole Mounted) > Galvanized Thickness	Pcs	7			N.S.I

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

32	Cable Manager	Pcs	2				N.S.I
33	PDU 8 Port	Pcs	4				N.S.I
34	RJ-45 UTP Connectors	Pcs	100				N.S.I
35	Water Proof (PVC) Box 4x4 for Cameras	Nos	5				N.S.I
36	Connector Strip >60/100 AMP	Pcs	50				N.S.I
37	PVC Flexible Pipe 1" (Branded) Adamjee, Popular, Beta or approved equivalent	Rft	600				N.S.I
38	Transportation, Installation, Laying, Testing and Commissioning of System	Job	1				N.S.I

Grand Total Amount (Rs.)

Note: Cameras, NVR and Switches must be from same Brand

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

ANNEXURE-F

FORM OF CONTRACT AGREEMENT

THIS AGREEMENT made on the _____ day of _____, 20_____, _____
between _____ of _____

(Hereinafter "the Purchaser"), of the one part, and _____ of

_____ of
(Hereinafter called "the Supplier"), of the other part:

WHEREAS the Purchaser invited bids for certain Goods viz., _____ and has
accepted a Bid by the Supplier for the supply of those Goods in the sum of _____
_____ (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSES AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meaning as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. Following documents shall be demanded to form and be read and construed as part of this Agreement, viz. ;
 - (a) The Purchaser's Notification to the Supplier of Award Contract (Letter of Acceptance);
 - (b) The Form of Bid and the Price Schedules submitted by the Supplier;
 - (c) The Particular Conditions of Contract; Part-II
 - (d) The Schedule to Bid (other than Price Schedule)
 - (e) Appendices to Bid;
 - (f) Specifications;
 - (g) Drawing; and
 - (h) Any other Item

This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

3. In consideration of the payment to be made by the Purchaser to the Supplier as indicated in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods any to remedy defects therein in conformity in all respects with the provision of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and the remedying of defects therein, the Contract price or such other some as may become payable under the provisions of the contract at the times and in the manner prescribed by the Contract.

TENDER DOCUMENTS
QUAID-E-AZAM INDUSTRIAL ESTATE
(KOT LAKHPAT, LAHORE)

IN WITNESS the parties hereto have caused this Agreement to be executed in accordance with the laws of _____ on the day, month and year indicated above.

Signature of the Supplier

Signature of the Purchaser

(Seal)

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

Witness:

(Name, Title and Address)

(Name, Title and Address)