

# Tender Document

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**CCTV SYSTEM/SOLUTION FOR MASJID**

**AT**

**VALUE ADDITION CITY**

Bid Submission Date & Time: 1100 Hours, 16<sup>th</sup> Nov, 2016  
Technical Bid Opening Date & Time: 1130 Hours, 16<sup>th</sup> Nov, 2016  
Financial Bid Opening Date & Time: 1230 Hours, 22<sup>nd</sup> Nov, 2016

<b>Issued To</b>	
<b>Date</b>	
<b>Tender Fee Receipt #</b>	
<b>Issued By</b>	
<b>Signature</b>	



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**Faisalabad Industrial Estate Development and Management Company  
(FIEDMC)**

**1<sup>st</sup> Floor , FCCI Complex, East Canal Road , Canal Park,  
Faisalabad**

Ph # 041-9230231-34

UAN : 041-111-343-362

[www.fiedmc.com.pk](http://www.fiedmc.com.pk)

## **Important Note:**

Bidders must ensure that they submit all the required documents indicated in the Bidding Documents without 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 by Punjab Procurement Regulatory Authority Act of 2009, PPRA Rules 2009 and Latest amendments in PPRA Rules 2014 made there under, and any further amended from time to time.

### **1. Invitation to Bid**

#### **1.1 PPRA Rules to be followed :**

The procurement shall be completed in accordance with Punjab procurement rules 2014; on single stage - TWO envelop procedure (the bid shall be single package consisting of two separate envelops, containing, separately the financial and technical proposal). The envelops shall be marked as "Financial Proposal" and "Technical Proposal".

### **2. Bidding Details (Instructions to Bidders)**

All bids must be accompanied by **2 % Bid Security (Earnest Money)**, as part of Financial bid in favor of "**FIEDMC**". The complete bids as per required under this tender document, must be delivered to the FIEDMC OFFICE **as mentioned above** .In case the last date of bid submission falls in / within the official holidays, the last date for submission of the bids shall be the next working day

Queries of the Bidders (if any) for seeking clarifications regarding the specifications of the work must be received in writing to the FIEDMC before 5 days of closing date. Bidders can take tender documents form FIEMDC office 02 days before closing date of tender. Any query received after said date may not be entertained. All queries shall be responded to within due time. FIEDMC may host a Q&A session, if required, at FIEDMC premises. All Bidders shall be informed of the date and time in advance.

The bidder shall submit bids which comply with the Bidding Document. Alternative bids shall not be considered. It will be the responsibility of the Bidder that all factors have been investigated and considered while submitting the Bid and no claim whatsoever including those of financial adjustments to the works/supplies awarded under this Bid Process will be entertained by the FIEDMC. Neither any time schedule, nor financial adjustments arising

thereof shall be permitted on account of failure by the Bidder.

The Bidder shall be deemed to have satisfied itself fully before Bid as to the correctness and sufficiency of its Bids for the supplies/works and price/cost quoted in the Bid to cover all obligations under this Bid Process.

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 FIEDMC will be permitted.

The Bidder should be fully and completely responsible for all the deliveries and deliverables to the FIEDMC office.

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

The FIEDMC 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.

## **TERMS AND CONDITIONS OF THE TENDER**

### **3 Tender Scope**

FIEDMC (hereinafter referred to as "the Purchaser") invites / requests Proposals/Quotations (hereinafter referred to as "the Tenders") for Supply, installation, configuration, deployment wiring, fixing, laying, dismantling ,re fixing , excavation ,back filling , connection, jointing, testing and commissioning for CCTV solution in Masjid at Value Additions City . **(Annexure A)**.

### **4. Tender Eligibility/Qualification Criteria**

- 4.1 Eligible Bidder/Tenderer is a Bidder/Tenderer who:
  - 4.1.1 Must be registered with Tax Authorities and active tax payer as per prevailing latest tax rules (Only those companies/firms/individuals which are validly registered with tax departments can participate. with relevant business experience of last five (5) years.
  - 4.1.2 has submitted bid for all works and bid security against total estimated cost.
  - 4.1.3 has not been blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector Organization anywhere in Pakistan. (Submission of undertaking on legal stamp paper is mandatory).
  - 4.1.4 has authorization of the principal for reseller /Distributor of the equipment.
  - 4.1.5 Goods and Services can only be supplied / sourced / routed from "origin" in "eligible" member countries.

**Note:** Verifiable documentary proof for all above requirements is a mandatory requirement, noncompliance will lead to disqualification.

## 5. Tender Cost

The Tenderer shall bear all costs / expenses associated with the preparation and submission of the Tender(s) and the FIEDMC shall in no case be responsible / liable for those costs / expenses.

## 6. Joint Venture / Consortium

Joint venture / Consortium is not eligible for this tender.

## 7. Amendment of the Tender Document

- 7.1 The FIEDMC may, at any time prior to the deadline for submission of the Tender, at its own initiative or in response to a clarification requested by the Bidder(s), amend the Tender Document, on any account, for any reason. All amendment(s) shall be part of the Tender Document and binding on the Bidder(s).
- 7.2 The FIEDMC shall notify the amendment(s) in writing to the prospective Tenderers as per Punjab Procurement Rules, 2014.
- 7.3 The FIEDMC may, at its exclusive discretion, amend the Tender Document to extend the deadline for the submission of the Tender as per Rule of Punjab Procurement Rules, 2014.

## 8. Preparation / Submission of Tender

- 8.1 The Tender shall be in two parts i.e. the technical proposal and the financial proposal. The envelopes shall be clearly marked with Technical proposal and Financial proposal in bold and legible letters to avoid any confusion.
- 8.2 Technical Proposal shall comprise the following, **without quoting the price:**
  - 8.2.1 Copies of Firm registration, Sales tax, PRA ( if applicable ) , NTN Certificate,.
  - 8.2.2 Undertaking on letter head (All terms & conditions and qualifications listed anywhere in this tender document have been satisfactorily vetted).  
( **Annexure –D**).
  - 8.2.3 Authorized Certificate / document from the principal / manufacturer.
  - 8.2.4 Technical Details of all items under Scope of Work ( Annexure A) including model number, brand name , data sheets ,make etc .
  - 8.2.5 All quoted items must meet the min specification as mentioned in Scope of Work.
  - 8.2.6 Covering letter duly signed and stamped by authorized representative.
  - 8.2.7 Company profile along with past experience over the last five years stating major works/contracts/services/supplies, with values and corresponding client name along with Copies of Latest contracts, Work Orders, Purchase Orders etc. as evidence of experience.
  - 8.2.6 Technical Brochures / Literature if any
  - 8.2.7 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.
  - 8.2.8 All pages of this tender documents must be signed and stamped.
  - 8.2.9 Details of Warranty.
- 8.3 **The Financial Proposal shall comprise the following:**
  - 8.3.1 Financial Form (Annexure C)
  - 8.3.2 Bid Security (**Earnest Money**)
  - 8.3.3 This is made obligatory to affix authorized signatures with official seal on all original documents, copies, certificates, brochures, literature, drawings, letters, forms and all relevant documents as part of the bids submitted by the tenderer.

## 9. Tender Price

- 9.1 The quoted price shall be:

- 9.1.1 Best / final / fixed and valid until completion of all works/services/supplies i.e. not subject to variation / escalation;
- 9.1.2 Amount in Words & Figures and must be in Pak Rupees only;
- 9.1.3 inclusive of all taxes, duties, levies, insurance, freight, etc.
- 9.1.4 including all charges up to the delivery point at Value Addition City.
- 9.2 Where no prices are entered against any work(s)/items, the price of that item shall be deemed to be free of charge, and no separate payment shall be made for that item(s).

## **10. Bid Security (Earnest Money)**

- 10.1 The Tenderer shall furnish the Bid Security (Earnest Money) as under:
  - 10.1.1 for a sum equivalent to 02% of the Estimated Price i.e **Rs: 1,700,000/-**;
  - 10.1.2 denominated in Pak Rupees;
  - 10.1.3 As part of financial bid envelope, failing which will cause rejection of bid.
  - 10.1.4 in the form of Demand Draft / Pay Order, in the name of the FIEDMC;
- 10.2 The Bid Security shall be forfeited by the FIEDMC, on the occurrence of any / all of the following conditions:
  - 10.2.1 If the Tenderer does not accept the corrections of his Total Tender price; or
  - 10.2.2 If the Tenderer, having been notified of the acceptance of the Tender by the FIEDMC during the period of the Tender validity, fails or refuses to furnish works in accordance with the Tender Document
- 10.3 The Bid security shall be returned to the technically unsuccessful Tenderer with unopened/sealed financial bid, while the unsuccessful bidders of financial bid will be returned the Bid Security only without Financial Form.

## **11. Tender Validity**

The Tender shall have a minimum validity period of **90 days** from the last date for submission of the Tender.

## **12. Modification / Withdrawal of the Tender**

- 12.1 The Tenderer may, by written notice served to the FIEDMC, modify or withdraw the Tender after submission of the Tender, prior to the deadline for submission of the Tender.
- 12.2 The Tender withdrawn after the deadline for submission of the Tender and prior to the expiration of the period of the Tender validity, shall result in forfeiture of the Bid Security.

## **13. Opening of the Tender**

- 13.1 Tenders shall be opened **as mentioned above** in the presence of the Tenderer(s)/Bidders/Vendors, In case the last date of bid submission falls in / within the official holidays / weekends of the FIEDMC, the last date for submission of the bids shall be the next working day.
- 13.2 The Tenderer's name, modifications, withdrawal, security, attendance of the Tenderer and such other details as the FIEDMC may, at its exclusive discretion, consider appropriate, shall be announced and recorded.

## **14. Clarification of the Tender**

The FIEDMC shall have the right, at his exclusive discretion, to require, in writing, further information or clarification of the Tender, from any or all the Tenderer(s). No change in the price or substance of the Tender shall be sought, offered or permitted except as required to

confirm the corrections of arithmetical errors discovered in the Tender. Acceptance of any such Correction is sole discretion of the FIEDMC.

## **15. Correction of errors / Amendment of Tender**

15.1 The Tender price as determined after arithmetic corrections shall be termed as the Corrected

Total Tender Price which shall be binding upon the tenderer.

15.2 No credit shall be given for offering delivery period earlier than the specified period.

## **16. TECHNICAL EVALUATION CRITERIA**

### **16.1 Important Instruction:**

1. Every perspective/interested bidder must visit/survey the respective area of VAC at his own cost for his/her assessment to avoid any ambiguity. However, any discrepancy in the measurement of area or any other shall be considered accordingly.
2. The responding firm/company must attach the following information/documents with the technical bid:
  - a. Company's name and address
  - b. Company's Profile
  - c. Certificate of NTN number
  - d. Copy of Sales Tax Registration Certificates
  - e. Authorized Certificate / document from the principal / manufacturer.
3. Taxes shall be deducted as per Government Rules.
4. The conditional and incomplete tenders shall be rejected.

### **16.2 Legal & Technical (Mandatory)**

- a) *Copies of Company Registration ,Valid Income Tax and Sale Tax Registration, NTN Certificate, Active tax Payer , Authorized Certificate.*
- b) *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.*
- c) *Undertaking on letter head: All terms & conditions and qualifications listed anywhere in this tender document have been satisfactorily vetted).*
- d) Firms/company must have five year experience in the relevant field. Attach documentary Proof
- e) Firm/company shall provide PO/Contracts/work order's along with satisfaction letter from client of similar nature of works. Attach at least 5 PO's/Contracts/Work Orders. Minimum worth of each document must be Rs : 01 million.

## **17. FINANCIAL PROPOSAL EVALUATION**

17.1 Technically qualified/successful bidder(s)/Tenderer(s) shall be called for opening of the Financial Proposal(s). The Financial Proposals will be opened in the presence of the Bidders at the time and

venue mentioned above. The technically Eligible/Successful Bidder(s)/Tenderer(s) or their authorized representatives shall be allowed to take part in the Financial Proposal(s) opening.

17.2 Financial Proposal evaluation will be conducted under the Punjab Procurement Rules, 2014. The Price evaluation will include all duties, taxes and expenses etc. In case of any exemption of duties and taxes made by the Government in favor of the FIEDMC, the contractor shall be bound to adjust the same in the Financial Proposal.

17.2.1 In cases of discrepancy between the cost/price quoted in Words and in Figures, the lower of the them will be considered.

17.3 The FIEDMC will not be responsible for any erroneous calculation of tax rates or any subsequent changes in rates or structure of applicable taxes. All differences arising out as above shall be fully borne by the Successful Bidder.

## **18 Rejection / Acceptance of the Bid**

18.1 The FIEDMC shall have the right, at his exclusive discretion, to increase / decrease the quantity of any or all work(s) and item(s) without any change in unit prices or other terms and conditions, at the time of order placement. The FIEDMC may cancel/reject all bids or proposals at any time prior to the acceptance of a bid or proposal. The FIEDMC shall upon request communicate to any bidder, the grounds for its rejection of all bids or proposals, but shall not be required to justify those grounds. The FIEDMC shall incur no liability, solely, by virtue of its invoking Punjab Procurement Rules, 2014 towards the bidders. However, bidders shall be promptly informed about the rejection of the bids, if any (As per Punjab Procurement Rules, 2014).

## **19. Acceptance Letter**

As per Punjab Procurement Rules 2014, the FIEDMC shall issue the Acceptance Letter/Purchase order to the successful Tenderer, at least after 10 days of announcement of bid evaluation reports and prior to the expiry of the original validity period or extended validity period of the Tender.

## **20. Delivery/Duration**

The duration of the work completion will be 03 weeks .

## **21. Inspection and Testing**

21.1 The FIEDMC shall inspect and test the work time to time under the Contract/Purchase Order/Work Order.

21.2 The FIEDMC may reject the Services or the Works if they fail to conform to Contract/scope of work/tender documents, in any test(s) or inspection(s) and the Contractor shall either replace the rejected Services or Works or make all alterations necessary to meet the contract, within 24 working hours, free of cost to the FIEDMC.

21.3 Nothing contained in this document shall, in any way, release the Contractor from any Warranty or other obligations under the Contract.

## **22. Warranty**

22.1 The Contractor shall warrant to the FIEDMC that the Goods supplied by the Contractor, under the Contract are genuine, brand new, non- refurbished, un-altered in any way, of the most recent or current model, imported through proper channel, and incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

22.2 The Contractor shall provide Manufacturer's **Local warranty** (hereinafter referred as Warranty Period) for all items in respect of Goods, the Services and the Works, or any portion thereof, as the case may be, which will include:

- 22.2.1 Free, on site repair / replacement of defective / damaged parts and labor, within 24 hours of intimation;
- 22.3 The Warranty Period shall start from the date of delivery of the Goods/items/equipment on site.

### **23. Payment**

- 23.1 The Contractor shall provide all necessary supporting documents along with invoice.
- 23.2 The Contractor shall submit request for Payment, to the FIEDMC. The Application for Payment shall: be accompanied by such invoices, receipts etc.
- 23.4 The FIEDMC shall pay the amount verified within Ten days (10). Payment shall not be made in advance and against partial delivers. The FIEDMC shall make payment for the work carried out, as per Government policy, in Pak Rupees, through cheque.
- 23.5 All payments shall be subject to any and all taxes, duties and levies applicable under the laws of Pakistan.

### **24. Forfeiture of Earnest Money/Performance Guarantee**

- 24.1 The Earnest Money shall be considered as Performance Security of Successful bidder and shall be forfeited by the FIEDMC,
- 24.1.1 If the Contractor fails / delays in performance of any of the obligations, under this Tender Document violates any of the provisions / commits breach of any of the terms and conditions of this tender document/BOQ/Contract, the FIEDMC may, without prejudice to any other right of action / remedy it may have, forfeit Performance Security of the Contractor.
- 24.2 Failure to carried out the work and supply of required items within the specified time period (“ Delivery Period”) , Performance Security amount will be forfeited and the company will not be allowed to participate in future tenders as well.
- 24.3 Performance guarantee shall be retained till the expires of Warranties of CCTV Cameras & NVR.

### **25. Taxes and Duties**

The Contractor shall be entirely responsible for all taxes, duties and other such levies imposed make inquiries on income tax / sales tax to the concerned authorities of Income Tax and Sales Tax Department, Government of Pakistan.



## **Annexure A**

### **Scope of Work**

#### **Preamble**

1. The contractor will provide all the necessary Services/works in terms of for Supply, installation, configuration, deployment, wiring, fixing, digging, laying, dismantling, re fixing, excavation, back filling, connection, jointing, splicing, testing and commissioning for CCTV solution in Masjid at Value Additions City including all materials, labor, tools, plants equipment, appliance etc as required for the completion as per, specifications or as directed by the FIEDMC.
2. The quantities contained in Technical Specification/BOQ are approximate estimated quantities and liable to be changed (increases/decreases) or omitted when the work will be actually executed. The FIEDMC is authorized to delete any item of work or vary quantities of any item of Bill of Quantities.
3. No claim for payments will be admissible on account of anticipated profit or variation in overhead expenditures for the work not actually performed nor will any adjustment in the unite rate set forth in the Bill of Quantities be made because of any increases or any decreases in the quantities indicated therein.
4. The prices and rates quoted in the Bill of Quantities are full inclusive value of the works described under specified items including all cost and expenses which may be required in and for the construction of the work described together with all risks, liabilities and obligations set forth and implied in all the documents referred to on which the tender is based.
5. Unless otherwise stated in the text of the Bill of Quantities, the quantities have to be measured and paid in accordance with measurement and payments of work clauses given in the relevant specification or in accordance with implied meaning of the specification. Any special method of measurement based as stated in text of Engineer Estimate is limited to the concerned items only.
6. The tenderer should not make any additions of alternations in the tender document. Tenders with additions of alterations shall be liable for rejection.

7. Any item mention in bill of quantities or specification but not shown on the drawings or shown on the drawings but not mentioned in the Bill of quantities or specification shall be like effect as it has been shown and mentioned in these documents.
8. Areas to be covered by CCTV cameras will be inside/outside and surrounding of Masjid.
9. **The contractor will quote single brand solution for CCTV Cameras & NVR.**
10. Vendor must be partner/distributor/manufacture of products (CCTV & NVR).Video management system functionality needed to view recorded video, perform forward and rewind function etc. For outdoor cameras, in open areas prone to heat, dust, rainfall, the specification are slightly different and also the casing is of better specification.

### **Technical Specifications/BOQ:**

**General:**

1. The contractor will quote single brand solution for CCTV Cameras & NVR.
  2. All items of CCTV System "Description" unless specifically indicated otherwise, shall be deemed to be read in terms of supply storing, fixing, making assembling, installing, applying fixing, testing commissioning, clearing etc. of the same inclusive of but not limited to all materials, labor tools, plants equipment's, appliances etc.
- Providing, installing commissioning and testing of CCTV System as per standard, one year parts warranty, with all accessories complete in all respect in accordance with the specifications manufacturer's instructions and as approved by the Employer..

Sr. #	Item	Description (Minimum Specification )	Qty
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<p><b>1</b></p>	<p><b>IP CCTV Camera's</b></p> <p><b>Full HD 4MP</b></p> <p><b>Bullet Camera's</b></p>	<p><b>IP ,Full HD 4 MP ,IR Motorized Zoom Lens, CCTV Camera's</b></p> <ul style="list-style-type: none"> <li><b>a)</b> 1/3" 4 MP PS CMOS Image Sensor.</li> <li><b>b)</b> Minimum illumination 0 Lux/ (IR on).</li> <li><b>c)</b> Lens: 2.7mm~12mm motorized lens</li> <li><b>d)</b> IR distance :30 m</li> <li><b>e)</b> S/N Ratio: more than 50 dB</li> <li><b>f)</b> Motion Detection : on/off</li> <li><b>g)</b> WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC</li> <li><b>h)</b> Ethernet: RJ 45 (10/100 Base-T)</li> <li><b>i)</b> Protocol: IPv4/IPv6, RTP (TCP/UDP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMP, DNS, DDNS, ONVIF.</li> <li><b>j)</b> Operating Temperature : -10°C~+55°C</li> <li><b>k)</b> Weather proof standard :IP67</li> <li><b>l)</b> Video Encoding/Compression H.264, MJPEG.</li> <li><b>m)</b> Video Streaming : Main Stream: 4M(1~20fps)/3M(1 ~ 25/30fps), Extra Stream: D1/CIF(1 ~ 25/30fps), Third Stream: 720P(1~5/8fps) WDR on, 720P(1~18/2fps)</li> </ul> <p>Compatible with mobile &amp; CMS software's, SD, Multiple Streaming, Privacy Protection, Manual and Schedule Recording, Built-in Motion Detection, ONVIF, Alarm Input/output, White Balance, Backlight Compensation, IP66 ,weather Protection, water proof Housing/Brackets.</p> <p>Complete from All Aspects including all accessories camera horizontal/vertical mounts/stands, camera housings, brackets, power supplies, connectors etc .</p>	<p><b>8 No's</b></p>
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<p><b>2</b></p>	<p><b>IP CCTV Camera's</b></p> <p><b>Full HD,4 MP</b></p> <p><b>Doom Camera's</b></p>	<p><b>IP ,Full HD 4 MP ,IR ,Motorized Lens, CCTV Camera's</b></p> <ul style="list-style-type: none"> <li><b>a)</b> 1/3" 4 MP PS CMOS Image Sensor.</li> <li><b>b)</b> Minimum illumination 0 Lux/ (IR on).</li> <li><b>c)</b> Lens: 2.7mm~12mm motorized lens</li> <li><b>d)</b> IR distance :30 m</li> <li><b>e)</b> S/N Ratio: more than 50 dB</li> <li><b>f)</b> Motion Detection : on/off</li> <li><b>g)</b> WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC</li> <li><b>h)</b> Ethernet: RJ 45 (10/100 Base-T)</li> <li><b>i)</b> Protocol: IPv4/IPv6, RTP (TCP/UDP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMP, DNS, DDNS, ONVIF.</li> <li><b>j)</b> Operating Temperature : -10°C~+55°C</li> <li><b>k)</b> Weather proof standard :IP67</li> <li><b>l)</b> Video Encoding/Compression H.264, MJPEG.</li> <li><b>m)</b> Video Streaming : Main Stream: 4M(1~20fps)/3M(1 ~ 25/30fps), Extra Stream: D1/CIF(1 ~ 25/30fps), Third Stream: 720P(1~5/8fps) WDR on, 720P(1~18/2fps)</li> </ul> <p>Compatible with mobile &amp; CMS software's, SD, Multiple Streaming, Privacy Protection, Manual and Schedule Recording, Built-in Motion Detection, ONVIF, Alarm Input/output, White Balance, Backlight Compensation, IP66 ,weather Protection, water proof Housing/Brackets.</p> <p>Complete from All Aspects including all accessories camera horizontal/vertical mounts/stands, camera housings, brackets, power supplies, connectors etc .</p>	<p><b>06 No's</b></p>
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<p><b>3</b></p>	<p><b>Full HD, Network, IR, 3MP PTZ Cameras</b></p>	<ul style="list-style-type: none"> <li>a) 1 /3, <b>3</b> MP PS Image Sensor.</li> <li>b) Minimum 30x Optical Zoom, 16x Digital Zoom</li> <li>c) Min illumination : 0Lux (IR on)</li> <li>d) S/N Ratio; more than 55 dB</li> <li>e) IR Distance 100m , Micro SD</li> <li>f) 360°endless pan range and 0°- 90°tilt range, support autoflip.</li> <li>g) IR-cut filter with auto switch (ICR).</li> <li>h) Pan / Tilt speed can be adjusted automatically according to zoom multiples.</li> <li>i) Wall brackets</li> <li>j) Video Encoding/Compression H.264, MJPEG.</li> <li>k) Defog, WDR, Day/Night (ICR), Ultra DNR (2D/3D), Auto iris, Auto focus, AWB, AGC, BLC .</li> <li>l) Built-in 1/1 alarm in/out, IP67, IK10.</li> <li>m) Lightning protection, surge protection and voltage transient protection.</li> <li>n) Smart Tracking, Smart Detection, Defog</li> <li>o) Compatible with mobile &amp; CMS software's, SD, Multiple Streaming, Privacy Protection 24 Areas , Manual and Schedule Recording, Built-in Motion Detection, ONVIF, Alarm Input/output, White Balance, Backlight Compensation, water proof Housing/Brackets Complete from All Aspects including all accessories etc .</li> </ul>	<p><b>02</b> <b>No's</b></p>
<p><b>4</b></p>	<p><b>16 Channel Network Video Recorder</b></p>	<p><b>16 CH Network Video Recorder</b></p> <ul style="list-style-type: none"> <li>a) Up to 16CH, Min 200 Mbps incoming bandwidth</li> <li>b) Support 2 SATA HDDs up to 8TB, 2 USB(1 USB3.0)</li> <li>c) Up to 8MP Resolution for Preview and Playback</li> <li>d) HDMI / VGA local monitor</li> <li>e) Support Multi-brand network cameras</li> <li>f) Ethernet : RJ-45 port (10/100 / 1000M)</li> <li>g) Action on event: Recording / PTZ / tour / Alarm / Video / Email / FTP / Buzzer</li> <li>h) Video Compression: H.264 / MJPEG.</li> <li>i) Search options :Time / Date / Event</li> <li>j) picture Distribution :1/4/8/9/16</li> <li>k) Network protocols :HTTP, TCP / IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, ONVIF.</li> <li>k) The types of user groups : Administrator / User</li> <li>l) Video output: HDMI/VGA simultaneous video output</li> <li>m) Supported OS : Window 10, Linux, Android, IOS, Mac OS X</li> <li>n) Support all standard web browsers</li> <li>o) Mobile software for all smart phones</li> <li>l) CMS software</li> </ul>	<p><b>01</b> <b>No's</b></p>

5	<b>Network Switch 16 Ports</b>	<b>16 Port POE Gigabit Network Switch</b>	02 No's
6	<b>Network Switch 8 Ports</b>	<b>8 Port POE Gigabit Network Switch</b>	02 No's
7	<b>Hard Driver</b>	4 TB HDD, SATA, Surveillance grade	02 No's
8	<b>Indoor Cabling of Ethernet</b>	Supply, installation, wiring, fixing, laying ,connection, jointing, testing and commissioning of a) Ethernet Cable Cat 6 in PVC Ducts/Pipe Complete In all aspects	RFT As per Actual
9	<b>Indoor Cabling of Electric</b>	Supply, installation, wiring, fixing, laying ,connection, jointing, testing and commissioning of a) PVC Insulated, 3/29 Copper conductor, in PVC Pipes/ducts (Make: Pak Cable/Fast/Pioneer). Complete In all aspects	RFT As per Actual
10	<b>Outdoor Cabling Ethernet</b>	Supply, installation, wiring, fixing connection jointing, testing and dismantling and refixing of tuff tiles including laying of Ethernet Cable Cat 6 in PVC Pipe. <b>(Complete In all aspects)</b>	RFT As per Actual
11	<b>Outdoor Cabling Electrical</b>	Supply, installation, wiring, fixing connection jointing, testing and dismantling and refixing of tuff tiles including laying of PVC Insulated Copper wire 1.5 mm <sup>2</sup> in PVC pipe Complete In all aspects	RFT As per Actual
12	<b>Optical Fiber Cable (OFC) outdoor Direct Buried</b>	Supply, installation, wiring, fixing, laying ,digging, connection, jointing, splicing ,testing and commissioning of Direct buried Fiber Optic (outdoor) Cable 8 core, Single Mode, from VAC Masjid to Site Office. Including cutting of roads with cutters and refilling with Concrete ratio (1:2:4) ,in 1.5" dia PVC pipe under road crossings , deployment/laying 4 feet deep in soft soil with waring tape and backfilling of same . Complete In all aspects	550 meter
13	<b>ODF - fiber optic distribution rack wall mount</b>	Supply, installation, wiring, fixing, laying ,digging, connection, jointing, splicing ,testing and commissioning of ODF 08 ports ( Dust Proof, /Water Proof), wall mounted ,excellent shielding capability, interchangeability, with all accessories. Complete In all aspects.	02 No's
14	<b>Media convertor</b>	Standalone ,Media Converter 1000mbs ( Fiber to Ethernet)	02 No's
15	<b>Pigtail</b>	FIBER PIGTAIL SC TO SC 3 mtr	02 No's
16	<b>Cabinet 2U</b>	Cabinet 2 U	02 No's
17	<b>Cabinet 4U</b>	Cabinet 4 U	01 No
18	<b>LED 40"</b>	Min 40" Display For Monitoring (Samsung/Sony/LG or equivalent )	01 No

**Financial Evaluation Form**

Sr. #	Item	Qty	Unit Rate Inclusive all taxes ( Rs )	Total Rate Inclusive all taxes ( Rs )
1	IP CCTV Bullet Camera's, Full HD, IP, 4MP, IR Motorized Zoom Lens.	8 No's		
2	IP CCTV Doom Camera's IP, Full HD 4MP , IR Motorized Zoom Lens.	06 No's		
3	Full HD, Network, IR, 3 MP PTZ Cameras	02 No's		
4	16 Channel Network Video Recorder	01 No's		
5	POE Network Switch 16 Ports	02 No's		
6	POE Network Switch 8 Ports	02 No's		
7	4 TB Hard Driver	02 No's		
8	Indoor Cabling of Ethernet CAT 6	Per RFT		
9	Indoor Cabling of Electric 3/29	Per RFT		
10	Outdoor Cabling Ethernet CAT 6	Per RFT		
11	Outdoor Cabling Electrical 1.5 mm2	Per RFT		
12	Optical Fiber Cable (OFC) outdoor Direct Buried	550 meter		
13	ODF - fiber optic distribution rack wall mount.	02 No's		
14	Media convertor	02 No's		
15	Pigtail	02 No		
16	Cabinet 2 U	02 No's		
17	Cabinet 4U	01 No		
18	LED 40"	01		
	Total Cost of the CCTV System for VAC Masjid			
	Amount in Word : _____			

**Notes to Price Table :**

**1. Amount of Earnest Money Rs:** \_\_\_\_\_ , **DD/Pay Order #** \_\_\_\_\_ ,

**Bank Name:** \_\_\_\_\_

Name:

Signature of authorized person

Date \_\_\_\_\_

**(Company Seal)**

**Note:** No cutting or overwriting is allowed. Any cutting or overwriting will lead to rejection of the financial bid.



**Undertaking:**

I the undersigned Mr. \_\_\_\_\_ authorized on behalf of  
M/s \_\_\_\_\_ declare and confirm that the information provided herein is true,  
accurate and correct. I agree that all terms & conditions and qualifications listed anywhere in this tender  
document have been satisfactorily vetted.

\_\_\_\_\_

Signature

\_\_\_\_\_

Date

Name :- \_\_\_\_\_

Designation \_\_\_\_\_

Note: Required to be submitted on Company/Firm Letter Head Page.