

*Tender Fee: Rs.2000/-
(Non-Refundable)*

TENDER FORM

Tender # ME/01/2016-17

Provide & Supply of Surveillance Equipment & Walk Through Gates

Date of Issue : November 01, 2016

Last Date of Submission : November 18, 2016 (3:00 pm)

Date of Opening of Tender : November 18, 2016 (3:30 pm)

Pay Order / Demand Draft #, Drawn on Bank.....

Amount of Rs..... Dated.....

C O N T E N T S

1. Introduction.....	Page 3
2. Instructions.....	Page 4
3. Tender Form.....	Page 5
4. Bidding Data Sheet.....	Page 14
5. Terms & Conditions.....	Page 15
6. Integrity Pact.....	Page 17

1. Introduction

Dear Tenderer:

Thank you the interest you have shown in response to the IBA's advertisement which has floated in IBA & SSPRA websites and leading newspapers on November 01, 2016 to "Provide & Supply of Surveillance Equipment & Walk through Gates".

The Institute of Business Administration, Karachi (IBA) is the oldest business school outside North America. It was established in 1955 with initial technical support provided by the Wharton School of Finance, University of Pennsylvania. Later, the University of Southern California (USC) set up various facilities at the IBA & several prominent American professors were assigned to the IBA. The course contents, the curriculum, the pedagogical tools & the assessment & testing methods were developed under the guidance of reputed scholars from these two institutions. IBA has zealously guarded the high standards & academic traditions it had inherited from Wharton & USC while adapting and adjusting them with the passage of time.

We expect to avail services/works/items of high standards meet our prime & basic specifications through this transaction.

Please contact Purchase Executive on 38104700 ext: 2150 for any information and query

Thank you.

-sd-
Registrar

2. Instructions

- (a) The Institute of Business Administration, Karachi (IBA) expects that aspirant manufacturer/supplier/distributor should furnish all the required documents to ensure a transparent and genuine presentation. Therefore, it is necessary to fill in the Tender Form meticulously and sign & stamp each and every page. Moreover, attach required supporting document according to the requirement.
- (b) It is of utmost important to fill in the Tender Form in writing in ink or type. Do not leave any column/item blank. If you want to leave the item/column un-answered please, write 'Doesn't Apply/Doesn't Arise'. If you need more space please attach a paper & clearly mention item/column name or number etc that referred the column/item of the Tender Form.
- (c) You can collect the Tender Document from the office of Manager Purchase & Stores, IBA Main Campus, University Road, Karachi from November 01, 2016 to November 18, 2016 during working 9:00 am to 3:00pm.
- (d) The last date of submit the Tender Document in sealed envelope in November 18, 2016 by 3:00pm in the Office of the Manager Purchase & Stores, IBA, Main Campus, University Road, Karachi. The Tender will be opened on same day at 3:30 pm in the presence of representatives who may care to attend.
- (e) Bid Security of 5% of total charges will be submitted along with Tender Documents in shape of PAY ORDER / DEMAND DRAFT only in the name of Institute of Business Administration.
- (f) Successful bidder should provide 5% Performance Security of total value of Purchase Order in the form of Pay Order or bank guarantee before submission of invoice. The Performance Security shall extend at least three months beyond the Date of Delivery/Completion of work / Contract.
- (g) Please attached at least 5 plus years experience for this tender.
- (h) Please attached last 3 plus years' financial turnover in terms of bank statement or financial statement.
- (i) Copy of Sales Tax & Income Tax Certificate should be attached.
- (j) Cliental list is required.
- (k) Please mention "Tender Number" at top left corner of the envelopes. IBA, Karachi may reject any bid subject to relevant provision of SPP Rules 2010 any may cancel the bidding Process at any time prior to acceptance of bid or proposal as per Rule-25(i) of said rules.

Stamp & Signature

3. **TENDER FORM** Provide & Supply of Surveillance Equipment & Walkthrough Gates

S.#	Specification	Location	Qty	Rate	Amount
1	<p>2 MP WDR fixed Dome Network Camera HIK Vision/Sony & Samsung or Equivalent</p> <ul style="list-style-type: none"> • Image Sensor 1/2.8" Progressive Scan CMOS Min. Illumination 0.01Lux @ (F1.2, AGC ON), IR Shutter Speed 1/3 s to 1/10,000 s • 2 MP camera, 30fps (1920×1080), 30fps (1280×960), 0 Lux with IR 0.028Lux @ (F2.0, AGC ON), IR Up to 30meter. • Lens Mount M12, Lens 2.8mm, 3D DNR, WDR 120 dB, ICR, BLC, ROI, IP67, Impact Protection IK10. • Video Compression H.264+(Plus), VBR = 32 Kbps ~ 16 Mbps Dual streams. • Image Setting Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser • Built-in Micro SDXC slot, up to 128 GB , Network Storage NAS, RJ45 100M Ethernet port On-board storage. • ANR Detection Intrusion detection, Line crossing detection, Motion detection, Dynamic analysis, Region of interest feature, Alarm Trigger Tampering alarm ,Network disconnect, IP address conflict, Storage exception. • TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, 	City campus Aman & FCS)	32		

	<p>SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour</p> <ul style="list-style-type: none"> • Protocol Standard = CGI, ISAPI • Should support IVMS 4200 PC NVR • Audio and Alarm interface 1x alarm,/ 1x audio I/O . • Wireless Standards IEEE 802.11n(up to 150Mbps) :OFDM, Range upto 50 meters, Security 128-bit WPA-PSK/WPA2-PSK, WPS • Power Supply DC12V \pm 25%, PoE (802.3af Class 3) <p><i>Camera should be provided in proper box packing with company's monogram, AC adapter, water proof connector seal, installation tool, CD and screws.</i></p>				
2	<p>4 MP EXIR Bullet Network Camera</p> <p>HIK Vision/Sony & Samsung or Equivalent</p> <ul style="list-style-type: none"> • Image Sensor 1/3'' Progressive Scan CMOS Min. Illumination 0.01Lux @(F1.2,AGC ON), IR Shutter Speed 1/3 s ~ 1/10,000 s Slow Shutter Support • Lens 6 mm, Lens Mount M12 , ICR, WDR 120dB , IR 80 meters, BLC, 3D DNR, ROI, IP67 • 4 MP Camera - 2688 \times 1520, 20fps (2688\times1520), 30fps (1920\times1080), Video Compression H.264+(Plus),VBR = 32 Kbps – 16 Mbps. • Triggered by Alarm In Network, Network Storage NAS (Support NFS,SMB/CIFS) Detection Intrusion detection, Line crossing detection, Motion detection, Dynamic analysis, region of interest feature, Alarm 	Main campus boundary wall	28		

	<p>Trigger Tampering alarm, Network disconnect, IP address conflict, Storage exception, Interface 1 RJ45 100M Ethernet interface</p> <ul style="list-style-type: none"> • TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour • Anti-Flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access • Should support IVMS 4200 PC NVR • Protocol Standard = CGI, ISAPI • Power Supply 12V DC±25%, PoE (802.3af Class3) <p><i>Camera should be provided in proper box packing with company's monogram, AC adapter, water proof connector seal, installation tool, CD and screws.</i></p>				
3	<p>3 MP WDR Bullet Network Camera HIK Vision/Sony & Samsung or Equivalent</p> <ul style="list-style-type: none"> • Image Sensor 1/3" Progressive Scan CMOS Min. Illumination 0.01Lux @(F1.2,AGC ON), IR Shutter Speed 1/3 s ~ 1/10,000 s Slow Shutter Support • 4mm@ F2.0 ,2048 × 1536, Angle of view: 70°(4mm), 43.3°(6mm), 20.6°(12mm), IR 30 meters or above • 3 MP Camera - 2688 × 1520, 20fps (2688×1520), 30fps (1920×1080), Video Compression H.264+(Plus),VBR = 32 Kbps – 16 Mbps. • Triggered by Alarm In Network, 	Boys Hostel, girls hostel VFR	27		

	<p>Network Storage NAS (Support NFS,SMB/CIFS) Detection Intrusion detection, Line crossing detection, Motion detection, Dynamic analysis, region of interest feature, Alarm Trigger Tampering alarm, Network disconnect, IP address conflict, Storage exception, Interface 1 RJ45 100M Ethernet interface</p> <ul style="list-style-type: none"> • TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour • Anti-Flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access • Wireless Standards IEEE 802.11n(up to 150Mbps) :OFDM, Range up to 50 meters, • Built-in Micro SDXC slot, up to 128 GB , Network Storage NAS, RJ45 100M Ethernet port On-board storage. • Should support IVMS 4200 PC NVR • Protocol Standard = CGI, ISAPI • Power Supply 12V DC±25%, PoE (802.3af Class3) <p><i>Camera should be provided in proper box packing with company's monogram, AC adapter, water proof connector seal, installation tool, CD and screws.</i></p>				
4	<p>NVR 32 Channel HIK Vision/Sony & Samsung or Equivalent</p> <ul style="list-style-type: none"> • Up to 32 IP cameras, Recording at up to 12 MP resolution (4K-NVR) • Dual-OS design, ANR 	Main Campus City Campus	4		

	<p>technology to enhance the storage reliability when the network is Disconnected</p> <ul style="list-style-type: none"> • HDD hot swap with RAID0, RAID1, RAID5 and RAID10 storage scheme configurable. • 4K Camera Inputs H.265, H.264-Plus(+) video formats, third-party network cameras, recording, playing back, and backing up of VCA alarms can be realized <input type="checkbox"/> VCA detection alarm is supported • HDMI1 Video output at up to 4K (3840 × 2160) resolution, Support ezviz cloud • 8 SATA interfaces (6TB HDD Support), eSATA interface, 1000M two network interfaces, two VGA and two HDMI, USB 3.0 ,RS-232, AUDIO/Line: RCA, Controller Port, Alarm In/Alarm Out . • USB interface Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 Alarm in/out 16/4 • Outgoing bandwidth 256 Mbps, or 200 Mbps (when RAID is enabled) , Video/Audio output • Remote connection:128 , 19-inch rack-mounted 2U chassis. 				
5	<p>NVR 16 Channel HIK Vision/Sony & Samsung or Equivalent</p> <ul style="list-style-type: none"> • Dual-OS design , Recording at up to 12 MP resolution (4K-NVR)ANR technology to enhance the storage reliability, 4K Camera Inputs H.265, H.264-Plus(+) video formats • Connectable to the third-party network cameras, Up to 32 IP cameras can be connected <input type="checkbox"/> • Supports live view, storage, and playback of the connected camera at up to 12 MP 	Girls Hostel, VFR	1		

	<p>resolution HD Output <input type="checkbox"/></p> <ul style="list-style-type: none"> • HDMI and VGA outputs provided. HDMI Video output at up to 4K (3840 × 2160) <p>resolution HD Storage <input type="checkbox"/></p> <ul style="list-style-type: none"> • Up to 4 SATA interfaces(6TB HDD Support) , VCA detection alarm is supported. • Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc. • Synchronous playback 16-ch . • Instant playback for assigned channel during multi-channel display mode <input type="checkbox"/> • Smart search for the selected area in the video; and smart playback to improve the playback efficiency <input type="checkbox"/> • Supports HDD quota and group modes; different capacity can be assigned to different channels. • Physical Interfaces : 2 self-adaptive 1000M Ethernet network ports, Two-way audio 1-ch, RCA (2.0 Vp-p, 1kΩ) , USB interface Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0, 1 RS-485 (half-duplex), 1 RS-232 				
6	<p>4 TB Surveillance grade Hard disk</p> <ul style="list-style-type: none"> • Formatted capacity: 4 TB • Form factor: 3.5-inch • Advanced Format (AF): Yes • RoHS compliant: Yes • Data transfer rate (max) • Buffer to host: 6 Gb/s • Host to/from drive (sustained): 150 MB/s • Cache (MB): 64 • Rotational speed (RPM): 	2 per NVR (2x5)	10		

<ul style="list-style-type: none"> • Load/unload cycles: 300,000 • Non-recoverable read errors per bits read: <1 in 10¹⁴ • Limited warranty (years)⁵ :3 • Average power requirements (W) • Read/Write :5.1 • Idle : 4.5 • Standby and Sleep: 0.4 • Temperature (°C, on the base casting) <ul style="list-style-type: none"> ○ Operating :0 to 65 ○ Non-operating: -40 to 70 • Shock (Gs) • Operating (2 ms, read/write) :30 • Operating (2 ms, read): 65 • Non-operating (2 ms): 250 • Acoustics (dBA)⁷ • Idle : 25 • Seek (average): 26 • Height (in./mm, max): 1.028/26.1 • Length (in./mm, max): 5.787/147 • Width (in./mm, ± .01 in.):4/101.6 • Weight (lb./kg, ± 10%) :1.50/0.68 • Reduces video frame loss with surveillance-class storage. • Specifically tuned for surveillance security systems. • Caching algorithms are tuned for write-intensive, low bit rate, high stream count applications that are typical of surveillance applications. • Priority change for write allocations and preemptive caching policies. • TLER & ATA streaming 			
--	--	--	--

	<p>support.</p> <ul style="list-style-type: none"> Supports up to eight drives. 				
7	<p>SD card 32 GB (Class 10) Kingston or Equivalent</p> <ul style="list-style-type: none"> Capacities¹: 32 GB. Must work with HIKVISION IP camera Speed²: Class 10 or above (Data writing speed 10MB/s or higher) Dimensions: 11mm x 15mm x 1mm Operating temperature: -25° C to 85° C Storage temperature: -40° C to 85° C Voltage: 3.3v Compliant: with the SD Card Association specification Compatible: with micro SDHC/SDXC host devices Reliable: lifetime warranty⁷ 	With Support in Cameras	55		
8	<p>Walk Through Gates (Double sided / multi zone) Brand : CEIA HIPE (plus) /Sony & Samsung or Equivalent</p> <ul style="list-style-type: none"> 60 Pinpoint Zones with high resolution and precision Met Identity for identification of threat composition Double display. High sensitivity, Capable to detect from guns, 9mm Bullets to ½ cutter blade Green and red metering signal, indicate the quantity of the metal Standard Alarms Intermittent / Different Alarm Immediate selection of international Security standards. NILECJ, 3Gun TST,3GUN TSE, GA, GD, NIIJ-LO. Accurate detection of magnetic, non -magnetic and mixed alloy – metal weapons 	<p>Main campus (Gate 1, Student center, Auditorium)</p> <p>City Campus (Aman Tower gate, Main gate)</p>	5		

	<ul style="list-style-type: none"> • 60 Persons per minute. • Chip card system for fast, simple & secure parameters changes • High precision both direction counter (in & Out Separate) with automatic rescreening compensation • RS-232 serial connection to PC or computer network. • Harmless to wearers of pacemakers, defibrillators or other vital support systems, pregnant women and magnetic storage media (floppy disk, audio cassettes, video cassettes and similar) • No need for initial or periodic calibration 			
Total				
17% GST				
Total Amount				

Total Amount Rupees (in words) _____

General Instructions:-

- All the items should be available in ready stock and displayed in front of the end user.
- No un marked items acceptable
- No Neutral version acceptable.
- Authorized dealer of manufacturer.
- Supplier should have office located in Karachi.
- Items should have local warranty.

Stamp & Signature

4. **BIDDING DATA**

(a). **Name of Procuring Agency:** Institute of Business Administration, Karachi

(b). **Brief Description of Works:** Provide & Supply of Surveillance Equipment & Walk through Gates

(c). **Procuring Agency's address:-**Main Campus, University Road, Karachi_

(d). **Amount of Bid Security:-** Bid Security of 5% of total amount/cost will be submitted along with Tender Documents in shape of PAY ORDER / DEMAND DRAFT only in the name of Institute of Business Administration, Karachi

(e). **Period of Bid Validity (days):-** Ninety Days

(f). **Performance Security Deposit:-** Successful bidder should provide 5% Performance Security of total value of Purchase Order in the form of Pay Order or bank guarantee before submission of invoice. The Performance Security shall extend at least three months beyond the Date of Delivery/Completion of work / Contract.

(g). **Deadline for Submission of Bids along with time :-** The last date of submit the Tender Document in sealed envelope in November 18, 2016 by 3:00pm in the Office of the Manager Purchase & Stores, IBA, Main Campus, University Road, Karachi. The Tender will be opened on same day at 3:30 pm in the presence of representatives who may care to attend.

(h). **Venue, Time, and Date of Bid Opening:-** Tender will be opened on November 18, 2016 on 3:30 pm at IBA Main Campus, University Road, Karachi.

(i). **Time for Completion from written order of commence:-** 90 days

(j). **Liquidity damages:-** 2% liquidity damages of the total amount will be imposed per month for which the contractor failed to complete work within the execution period.

(k). **Deposit Receipt No: Date: Amount:(in words and figures) Pay Order / Demand Draft**

....., Amount :Rs.....Drawn on Bank..... Dated.....

Stamp & Signature

5. Terms & Conditions

The following terms of the works are agreed by the manufacturer or sole distributor:

- (i) **Receiving/Acceptance of Purchase/Work Order:** The manufacturers or distributor will sign the copy of the Purchase/Work Order as acknowledgement.
- (ii) **Delivery Challan:** Copies of Delivery Challan on which the Order number, date of delivery/work execution, quantity, quality, specs, manufacturer name clearly mentioned. Non-compliance with this condition renders the goods / works liable to non-acceptance. After seven days, IBA will not be responsible for any claim(s) / responsibility.
- (iii) **Place of Delivery:** As specified in the Purchase/Work Order unless otherwise informed accordingly.
- (iv) **Delayed Delivery:** 2% liquidity damages of the total amount will be imposed per month for which the company/firm/agency failed to deliver within the delivery/execution period.
- (v) **Inspection:** Physical inspection will be carried out by IBA authority. Ordered material is subject to final inspection at the time of delivery.
- (vi) **Quantity Delivered:** Competent Authority reserves the right to change/alter/remove any item or article or reduce/enhance quantity without assigning any reason and contractor will abide the instruction.
- (vii) **Condition of Goods / Works:** All items must meet in all respects with the specs & conditions of the Order and must be in good condition otherwise they will be liable to reject.
- (viii) **Delivery of Goods / Works:** All the items must be delivered to the store of the IBA who will sign the receipt with stamp on delivery note.
- (ix) **Rejection of Goods / Works:** We reserve the right to cancel any or all the items if material is not in accordance with our specification or if the delivery is delayed.
- (x) **Sub-letting:** No sub-letting in any case and form will be acceptable.
- (xi) **Termination:** That upon termination of this agreement the service provider shall be permitted to remove all its devices and equipment which may have been placed at premises from the time to time.
- (xii) **Submission of Bills/Invoices:** Invoice/bill, Purchase Order & Delivery Challan should be submitted to Finance Department.
- (xiii) **Advance Payment:** Advance Payment subject to Bank Guarantee.
- (xiv) **Validity of Bid:** Validity is for ninety (90) days.
- (xv) **Company Profile:** Company Profile be attached with this document.
- (xvi) **Rules, Regulations & Policies:** All rules, regulations and policies will be governed in accordance to the SPPRA & IBA PP&P.
- (xvii) **Price / Rate:** Price / rate must be quoted on Tender Form only and submitted in sealed envelope.
- (xviii) **Bid Security:** 5% Bid Security should be deposited along with the tender form in shape of PAY ORDER / DEMAND DRAFT only in the name of Institute of Business Administration, Karachi.

Stamp & Signature

- (xix) **Performance Security:** 5% Performance Security should be submitted in form of PAY ORDER / DEMAND DRAFT only in the name of Institute of Business Administration, Karachi before award of work order. The Performance Security shall extend at least three months beyond the Date of Delivery/Completion of work / Contract.
- (xx) **Arbitration:** In case of any dispute, difference or and question which may at any time arise between the parties hereto or any person under them, arising out in respect of this letter of intent or this subject matter thereof shall be referred to the Registrar of the IBA and CEO of the company / firm / agency for arbitration/settling of the dispute, failing which the decision of the court law in the jurisdiction of Karachi binding to the parties.
- (xxi) **General Sales Tax:** General Sales Tax will be paid on applicable items only by the company/firm/agency.
- (xxii) **Government tax(es), levi(es) and charges(s):** It will be charged at actual as per SRO.
- (xxiii) **Rights:** IBA reserve the right to accept or reject any or all tender(s) or terminate proceedings at any stage in accordance to the rules & regulations framed by SPPRA. IBA, also reserve the right to issue Purchase Order for any single items to different lowest responsive bidders or issue Purchase Order for all the items to any lowest responsive bidder.
- (xxiv) **Tender Document:** Tender Document available at the Office of Manager Purchase & Stores, IBA Main Campus, University Road, Karachi.
- (xxv) **Submission of Documents:** Last date for tender submission is November 18, 2016 upto 3:00 pm
- (xxvi) **Opening of Tender:** Tender will be opened on November 18, 2016 on 3:30 pm at IBA Main Campus, University Road, Karachi.
- (xxvii) **Taxes:** All Government taxes (including Income tax and stamp duties), levies and charges will be charged as per applicable rates / denomination of Purchase / Work Order.
- (xxviii) **Stamp Duty:** Stamp duty 0.35% for Goods against total value of Purchase Order will be levied accordingly.
- (xxix) **Warranty:** 12 months maintenance & replacement warranty will be given by supplier without any extra payment.

Note:

This Terms & Conditions is integral part of contract agreement besides other clauses / articles.

Stamp & Signature

6. Integrity Pact

Declaration of Charges, Fees, Commission, Taxes, Levies etc payable by the manufacturer/supplier/distributor works;

M/s _____, the manufacturer / supplier / distributor hereby declares that:

- (a) Its intention not to obtain the procurement work of any Contract, right, interest, privilege, or other obligation or benefit from the IBA or any administrative or financial offices thereof or any other department under the control of the IBA through any corrupt practice(s).
- (b) Without limiting the generality of the forgoing the manufacturer/supplier/distributor represents and warrants that it has fully declared the charges, fees, commission, taxes, levies etc, paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within the IBA directly or indirectly through any means any commission, gratification, bribe, gifts, kickback whether described as consultation fee or otherwise, with the object of obtaining or including the procurement or service contract or order or other obligations whatsoever from the IBA, except that which has been expressly declared pursuant hereto.
- (c) The manufacturer/supplier/distributor accepts full responsibility and strict liability for making any false declaration/statement, not making full disclosure, misrepresenting facts or taking any action likely to degrade the purpose of declaration, representation and warranty. It agrees that any contract/order obtained aforesaid shall without prejudice to any other right & remedies available to the IBA under any law, contract, or other instrument, be stand void at the discretion of the IBA.
- (d) Notwithstanding any right and remedies exercised by the IBA in this regard, manufacturer/supplier/distributor agrees to indemnify the IBA for any loss or damage incurred by it on account of its corrupt business practice & further pay compensation to the IBA in any amount equivalent to the loss of any commission, gratification, bribe, gifts, kickback given by the company/firm/supplier/agency/service provider as aforesaid for the purpose of obtaining or inducing procurement/work/service or other obligation or benefit in whatsoever from the IBA.

Note:

This integrity pact is mandatory requirement other than auxiliary services / works.

Stamp & Signature

It is hereby certified that the terms and conditions have been read, agreed upon and signed.

M/s _____

Contact Person: _____

Address _____

Tel # _____ Fax # _____

Mobile # _____ e-mail: _____

SIGNATURE & STAMP

Stamp & Signature