

# SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

## CONTRACT EVALUATION FORM

### TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPTT. Institute of Business Administration, Karachi
- 2) PROVINCIAL / LOCAL GOVT / OTHER Local Govt
- 3) TITLE OF CONTRACT Goods
- 4) TENDER NUMBER Tender # ME/06/17-18
- 5) BRIEF DESCRIPTION OF CONTRACT Provide & Supply of Surveillance Equipment
- 6) FORUM THAT APPROVED THE SCHEME Procurement Committee
- 7) TENDER ESTIMATED VALUE Rs.1,266,000/-
- 8) ENGINEER'S ESTIMATE NA  
(For civil works only)
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 1 Month
- 10) TENDER OPENED ON (DATE & TIME) October 20, 2017 (3:30 pm)
- 11) NUMBER OF TENDER DOCUMENTS SOLD EIGHT  
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED FOUR
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS FOUR
- 14) BID EVALUATION REPORT Copy Enclosed  
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s Nashuatec Centre
- 16) CONTRACT AWARD PRICE Rs.1,210,952.34
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT  
(i.e. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> EVALUATION BID).  
M/s Nashuatec Centre  
M/s Vital International  
M/s Insight Solutions (Pvt) Ltd  
M/s Vorson (Pvt) Ltd

18) METHOD OF PROCUREMENT USED : - (Tick one)

- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE   Domestic/ Local
- b) SINGLE STAGE – TWO ENVELOPE PROCEDURE   Domestic
- c) TWO STAGE BIDDING PROCEDURE
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS:

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT Procurement Committee

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT :

i) SPPRA Website  
(If yes, give date and SPPRA Identification No.)

Yes	November 28, 2017 and SPPRA ID # 2877/2017
No	

ii) News Papers  
(If yes, give names of newspapers and dates)

Yes	Jang, Dawn & Awami Awaz on September 28, 2017
No	

22) NATURE OF CONTRACT

Domestic/ Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA  
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA  
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A  
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED  
BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY  
COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT  
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF  
CONTRACT?  
(Attach copy of the bid evaluation report)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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31) ANY COMPLAINTS RECEIVED  
(If yes, result thereof)

Yes	
No	✓

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS  
(If yes, give details)

Yes	
No	✓

33) WAS THE EXTENSION MADE IN RESPONSE TIME?  
(If yes, give reasons)

Yes	
No	✓

34) DEVIATION FROM QUALIFICATION CRITERIA  
(If yes, give detailed reasons.)

Yes	
No	✓

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT  
BLACK LISTED?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE  
SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO  
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:  
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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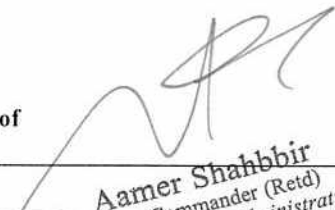
37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN  
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY  
(If yes, give Brief Description)

Yes	
No	✓

Signature & Official Stamp of  
Authorized Officer

  
**Aamer Shahbbir**  
Wing Commander (Retd)  
General Manager Administration  
Institute of Business Administration (IBA),  
Karachi, Pakistan

**FOR OFFICE USE ONLY**

**SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi**  
Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

## Bid Evaluation Report

1. Name of Procuring Agency: Institute of Business Administration, Karachi
2. Tender Reference No: ME/06/17-18
3. Tender Description/Name of work/item: Provide & Supply of Surveillance Equipment
4. Method of Procurement: Single Stage One Envelope
5. Tender Published: September 28, 2017 on IBA, SPPRA web sites and leading newspapers Serial # 34552  
Print & Electronic Media (SPPRA ID No. & News papers names with dates)
6. Total Bid documents Sold; 08 Companies have collected Tender Documents
7. Total Bids Received: 04
8. Technical Bid Opening date: (if applicable) NA (Provide details in separate form)
9. No. of Bid technically qualified (if applicable): NA
10. Bid(s) Rejected: NA
11. Financial Bid Opening date: October 20, 2017

### 12. Bid Evaluation Report:

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance / rejection	Remarks
0	1	2	3	4	5	6
1.	M/s Nashuatec Centre	Rs.1,210,952.34	Lowest Bidder	Rs.1.266 Million	Accepted, being the overall lowest evaluated bidder. Comparative Statement is attached.	
2.	M/s Vital International	Rs.1,305,720.00	Highest Bidder			
3.	M/s Insight Solutions (Pvt) Ltd	Rs.558,658.62	Highest Bidder		Quoted only four items	
4.	M/s Vorson (Pvt) Ltd	Rs.1,528,073.82	Highest Bidder			


### Signatures of the Central Purchase Committee, Members

**Note:**

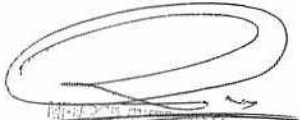
1. Procurement Committee in its meeting held on November 9, 2017 on packages basis to M/s Nashuatec Centre being the overall lowest evaluated bidder
2. The Bid submitted by M/s Nashuatec Centre was found as the overall lowest evaluated bidder
3. Recommended to award the Purchase Order to M/s Nashuatec Centre at Rs. 1,210,952.34 inclusive of GST

  
MEMBER  
CENTRAL PURCHASE COMMITTEE  
INSTITUTE OF BUSINESS ADMINISTRATION  
KARACHI

Syed Jehangir  
Manager Finance  
IBA

  
CHAIRPERSON  
CENTRAL PURCHASE COMMITTEE  
INSTITUTE OF BUSINESS ADMINISTRATION  
KARACHI

Dr. Rameez Khawal  
Assistant Professor  
IBA

  
MEMBER (INTERNAL)  
CENTRAL PURCHASE COMMITTEE  
INSTITUTE OF BUSINESS ADMINISTRATION  
KARACHI

Hazi Bureh  
PPRA Advisor  
HES



Institute of  
Business Administration  
Karachi

*Leadership and Ideas for Tomorrow*

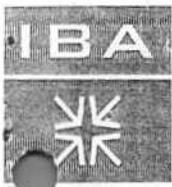
## **LIST OF BUYERS**

**Tender # ME/06/17-18**

**Caption:** Provide & Supply of Surveillance Equipment

**Number of Tender Documents Sold: 08**

<b>Sr #</b>	<b>List of Buyers</b>
1.	M/s Nashuatec Centre
2.	M/s Vorson (Pvt) Ltd
3.	M/s Digital Links (Pvt) Ltd
4.	M/s Insight Solutions
5.	M/s Vital International
6.	M/s MM Corporation
7.	M/s CN Advertising
8.	M/s Global Systems



**IBA Institute of  
Business Administration  
Karachi**

*Leadership and Ideas for Tomorrow*

*Letter of Award*

**Purchase Order**

**Approval Status: Approved**

**IBA Karachi  
IBA MAIN CAMPUS  
KARACHI  
Pakistan**

<b>Purchase Order</b> IBA-0000000088	<b>Issue Date</b> 18. December, 2017	
<b>Payment Terms</b> 30 Days	<b>Ship Via</b> ROAD	
<b>Buyer</b> Purchase Department	<b>Phone</b> +922138104700 Ext 2150, 2152	<b>Currency</b> PKR
<b>Requestor Department</b> Administration		

**Supplier: V01056**  
Nashua  
Centre  
Karachi  
Karachi  
Pakistan

**Ship To:** Store, IBA Main Campus, University Road

**Bill To:** Purchase Department, IBA Main Campus  
University Road, Karachi  
Pakistan

S. No.	Item / Description Specification	Qty. (UOM)	PO Price	Extended Amount	Delivery Date
1	NETWORK CAMERA HIKVISION 4 MP WDR MINI DOME NETWORK CAMERA WITH BUILT IN SOUND - LENS SIZE 2.8 MM MODEL # DS-2CD2142FWD-IS	48.00 EA	9880.00	474240	4-Jan-18
2	NETWORK CAMERA 4 MP WDR BULLET NETWORK CAMERA HIKVISION MODEL # DS-2CD2042FWD-I	16.00 EA	7521.00	120336	4-Jan-18
3	NVR NVR 32 CHANNEL HIK VISION MODEL # DS-9632NI-IS	2.00 EA	83547.00	167094	4-Jan-18
4	HARD DISK 6 TB SURVEILLANCE GRADE HARD DISK SEAGATE	4.00 EA	29444.00	117776	4-Jan-18
5	LED SCREEN 32" SAMSUNG	2.00 EA	77778.00	155556	4-Jan-18

**Total:** 1035002.00  
**17% GST:** 175950.34  
**Total PO Amount:** 1210952.34  
**Amount in Words:** Twelve Lakh Ten Thousand Nine Hundred Fifty Two and paise Thirty Four Only.

**Terms & Conditions:**

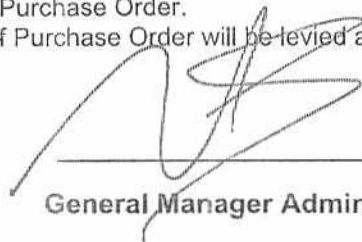
1. Material of this order is subject to final inspection at the time of delivery.
2. We reserve the right to cancel any or all the above items if material is not in accordance with our specification or if the delivery is delayed.
3. Payment will be made through crossed cheque after the receipt of the Invoice/Bill & delivery of above item(s).

## Purchase Order

4. General Sales Tax will be paid on applicable items only.
5. Liquidity damage at the rate of 2% per month on actual will be imposed on delayed delivery.
6. The rate / item cost is final and no change what so ever will be accepted.
7. Government tax(es), levi(es) and charge(s) will be charged at actual as per SRO.
8. Competent Authority reserves the right to change / alter / remove any item or article or reduce / enhance quantity without assigning any reason.
9. Invoice/Bill to be submitted to Purchase Department.
10. Advance Payment subject to Bank Guarantee.
11. All Government taxes (including Income tax and stamp duty), levies and charges will be charged as per applicable rates / denomination of Purchase Order.
12. Stamp Duty 0.25% for Goods against total value of Purchase Order will be levied accordingly.



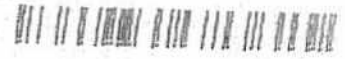
Senior Manager Purchase & Stores



General Manager Administration

Dec 19, 17

A747072



0702-2628994	<b>E-STAMP</b>	PB-LHR-D497E665BE0528D1
<b>Non-Judicial</b>		<b>Rs 4,500/-</b>

Description	: CONTRACT - 22A(b)
First Party	: Institute of Business Administration Karachi [00000-0000000-0]
Second Party	: Nashuatec Centre [00000-0000000-0]
Agent	: Haris Ali [35201-4794434-1]
Stamp Duty Paid by	: Nashuatec Centre [00000-0000000-0]
Issue Date	: 11-Dec-2017, 12:17:58 PM
Paid Through Challan	: 20170E2ABB33FC65
Amount in Words	: Four Thousand Five Hundred Rupees Only

Please Write Below This Line

## AGREEMENT

THIS AGREEMENT is executed at KARACHI, on this day December...18.., 2017.

BETWEEN

M/s Institute of Business Administration, through its Registrar, located at Main Campus, University Road, Karachi, hereinafter called and referred to as "IBA" (which expression shall wherever the context so permits, be deemed to include its legal representatives, executors, successors and assigns) of the FIRST PART.

AND

M/s Nashuatec Centre, having its office at 123-C Ahmed Block Garden Town Lahore, hereinafter referred to as "THE SUPPLIER" (which expression shall wherever the context so permits, be deemed to include its legal representatives, executors, successor and assigns), through its Representative Ms. Amal Khan, holding CNIC No. 31301-9173092-0 on the SECOND PART.

WHEREAS "IBA" intends to obtain of Surveillance Equipment tender # ME/06/17-18 to Provide & Supply Surveillance Equipment (IBA requirement) discussions in respect of the same before the determination of scope of work will be held with "IBA" as "Surveillance Equipment" and "THE SUPPLIER" have offered to provide & supply of Surveillance Equipment as per IBA standards & handing over the material(s) to the "IBA" having accepted the offer in finished form complete in all respect.

NOW IT IS HEREBY AGREED & DECLARED BY AND BETWEEN PARTIES AS FOLLOWS:







**WITNESSETH**

"IBA" hereby offer to appoint "THE SUPPLIER" as their official supplier for the specific purpose of "Surveillance Equipment" discussions in respect of the same with "IBA" before the determination of Scope of Provide & Supply of Surveillance Equipment. "THE SUPPLIER" hereby agree to the offer of the "IBA" in acceptance of the terms & conditions here in below forth.

**Article I:**  
**DUTIES & SCOPE OF SUPPLIES & AGREEMENT**

1.1 This Agreement includes, the "Surveillance Equipment", discussions with "IBA" before the Provide & Supply of Surveillance Equipment to "IBA". The description/BoQ is appended below:

S. #	Description	Qty	Quoted Brand	Quoted Model	Rate (Rs.)	Amount (Rs.)
1	4 MP WDR Mini Dome Network Camera with built-in sound - LENS size 2.8mm	48 units	HIK Vision	DS-2CD2142FWD-IS	Rs9,880.00	Rs474,240.00
2	4 MP WDR Bullet Network Camera	16 units	HIK Vision	DS-2CD2042FWD-I	Rs7,521.00	Rs120,336.00
3	NVR 32 Channel	2 units	HIK Vision	DS-9632NI-IS	Rs83,547.00	Rs167,094.00
4	6 TB Surveillance Grade Hard Disk	4 units	WD / Seagate		Rs29,444.00	Rs117,776.00
5	LED Screen Size: 32"	2 units		Samsung	Rs77,778.00	Rs155,556.00
<b>Total</b>						<b>Rs1,035,002.00</b>
<b>17% GST</b>						<b>Rs175,950.34</b>
<b>Total Amount</b>						<b>Rs1,210,952.34</b>

1.2 "THE SUPPLIER" agrees to provide all above mentioned Surveillance Equipment as per the terms & conditions of this Agreement.

1.3 "THE SUPPLIER" will coordinate their supplies with Manager Security, of the "IBA" who will assist "THE SUPPLIER" in supervision of proposed Surveillance Equipment.

1.4 "THE SUPPLIER" hereby agrees to accept variation, if occurred, in scope of professional services and supplies with mutual consent on acceptable cost/price/charges/amount inclusive of all taxes and levies.

1.5 "THE SUPPLIER" will visit the Purchase Offices located at Main Campus, University Road, Karachi as & when required with prior appointment.

1.6 All logistic charges will be borne by "THE SUPPLIER".

**Article II**  
**SCOPE OF PROFESSIONAL SERVICES:**

*M. J. 2*



- 2.1 "THE SUPPLIER" hereby agree and acknowledge for the periodic supervision of the supply and to check the delivery of Surveillance Equipment in accordance with the Description & Specification.
- 2.2 "THE SUPPLIER" hereby agree and acknowledge the acceptance of attending the meetings with the Manager Security "IBA" as & when required.
- 2.3 "THE SUPPLIER" hereby agrees to accept variation, if occurred, in scope of professional services and supplies with mutual consent on acceptable cost/price/charges/amount inclusive of all taxes and levies.
- 2.4 Minimum 10 (Ten) days after Approval of Sample(s) will be required to deliver the Surveillance Equipment at the SUPPLIER'S expense.
- 2.5 All staff must have CNIC and clearly mentioned to discourage work through child labor.
- 2.6 "THE SUPPLIER", will provide all required / necessary labor(s) / transportation(s) / cartage(s) what so ever required to complete the delivery of Surveillance Equipment at the cost/charges amount offered in the tender vide # ME/06/17-18.

**Article III**  
**REMUNERATION**

- 3.1 The cost offered by the Supplier is Rs. 1,210,952.34 (inclusive of all taxes) Provide. Supply & of Surveillance Equipment but limited to in tender vide # ME/06/17-18 variation may occurred. The cost is inclusive of labor/transportation/supplier/etc.
- 3.2 A liquidity damages @ 2% per month, of the total agreed payment as per Purchase Order, of the total cost will be imposed in case of delayed delivery. Liquidity damages will be imposed after 15 days subject to final proof sample material handed over by supplier to IBA before the starting date mentioned on the Purchase Order. Supplies will be deemed completed in finished form as per specification and "THE SUPPLIER" have to deliver the required number of Surveillance Equipment to IBA.
- 3.3 Payment will be made after delivery and submission of invoice. Advance Payment subject to Bank Guarantee.
- 3.4 Performance Security 5% of total amount of Purchase Order will be provided by the party.
- 3.5 Stamp Duty @ 0.35% of the cost of transaction / purchase order will be deposited in Government treasury by the SUPPLIER. This paid Stamp Duty challan would be submitted along with the Bill / Invoice.
- 3.6 Tax(es)/Challan(s)/Levy(ies), if any or additional will be paid/borne by SUPPLIER as per SRO/Notification.

**Article IV:**  
**ARBITRATION**

- 4.1 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



**E-STAMP**  
CONTINUATION SHEET

the parties. The Arbitration proceedings will be governed by the Arbitration Act, 1940 and the Substantive and procedural law of Pakistan. The venue shall be Karachi.

**Article V:**  
**TERMINATION**

- 5.1 "IBA" may terminate this agreement if the job is not executed according to the requirement at anytime after issuing a 15 day's notice.

**Article VI:**  
**INDEMNITY**

- 6.1 "THE SUPPLIER" in its individual capacity shall indemnify and keep IBA and any person claiming through IBA fully indemnified and harmless from and against all damages, cost and expenses caused to or incurred by "THE SUPPLIER", as a result of any defect in the title of IBA or any fault, neglect or omission by the "THE SUPPLIER" which disturbs or damage the reputation, quality or the standard of services provided by "IBA" and any person claiming through the IBA.

**Article VII:**  
**NOTICE**

- 7.1 Any notice given under this AGREEMENT shall be sufficient if it is in writing and if sent by courier or registered mail.

**Article VIII:**  
**INTEGRITY PACT**

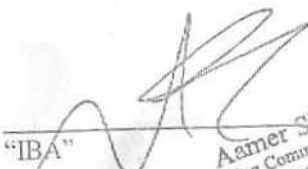
- 8.1 The intention not to obtain the procurement / work of any Contract, right, interest, privilege, or other obligation or benefit from the IBA or any administrative or financial offices thereof or any other department under the control of the IBA through any corrupt practice(s).
- 8.2 Without limiting the generality of the forgoing the M/s Nashuatec Centre 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.
- 8.3 M/s Nashuatec Centre 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.
- 8.4 Notwithstanding any right and remedies exercised by the IBA in this regard, M/s Nashuatec Centre 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 M/s Nashuatec Centre as aforesaid for the purpose of obtaining or inducing procurement/work/service or other obligation or benefit in whatsoever from the IBA.



Article IX:  
**MISCELLANEOUS**

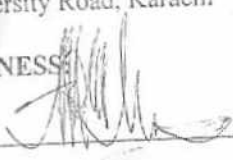
- 9.1 Any addition & alteration(s) made in the contents as required by the contractor on proof sample or in course of the supplies in progress which entail extra time & labor and material on part of the fabrication, shall not be charged separately/extra on 'Quantum Merit' basis before & on final material handed over to the "IBA". After FINALIZATION OF SAMPLE(S) if any alteration(s), arise charges will be paid on mutually agreed upon.
- 9.2 Material(s) will be handed over by the "IBA" or vet the cost with authentic stamp and signature.
- 9.3 The terms and conditions of the AGREEMENT have been read over to the parties which they admit to be correct and abide by the same.
- 9.4 The validity of the contract will be effective from the date of issue of Purchase Order.
- 9.5 All terms and conditions of tender vide # ME/06/17-18 will be the integral part of this agreement and can't be revoked.
- 9.6 One year maintenance & replacement warranty required without any extra payment in the name of Institute of Business Administration, Karachi (IBA, Karachi).


IN WITNESS WHEREOF both the parties hereto have set & subscribed their respective hands to this agreement at Karachi on the date as mentioned above.

  
 "IBA"  
**Aamer Shahbbir**  
 Wing Commander (Retd)  
 Manager Administration  
 Institute of Business Administration (IBA),  
 Karachi, Pakistan  
 NAME: Aamer Shahbbir  
 CNIC # \_\_\_\_\_  
 Address: \_\_\_\_\_


G. M. Admin Institute of Business  
Administration Main Campus  
University Road, Karachi

WITNESS:

1.   
 \_\_\_\_\_  
**M SOHAIL KHAN**  
 Manager Purchase & Stores  
 Institute of Business Administration  
 Karachi-Pakistan  
 CNIC # \_\_\_\_\_  
 Address: \_\_\_\_\_

  
 M/s Nashuatee Centre  
 NAME: Ms. Amal Khan  
 CNIC # 31301-9173092-0  
 Address: \_\_\_\_\_

Address: 123-C, Ahmed Block  
Garden Town,  
Lahore

2. HARIS ALI  
  
 \_\_\_\_\_  
 CNIC # 35201-4794434-1  
 Address: 123-C AHMED Block  
 GARDEN TOWN LAHORE

3.

## BILL OF QUANTITY

### Provide & Supply of Surveillance Equipment

S.#	Specification	Quoted Brand	Quoted Model	Qty	Rate	Amount
1	<p>4 MP WDR Mini Dome Network Camera with built-in sound – LENS size 2.8 mm HIK Vision, Bosch, Uni View or Equivalent</p> <ul style="list-style-type: none"> <li>• Image Sensor: 1/3" Progressive Scan CMOS</li> <li>• Min. Illumination: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR</li> <li>• IR Range 30 meters</li> <li>• Shutter time: 1/3 s to 1/100,000 s</li> <li>• Lens: 2.8mm, @ F2.0, angle of view: 106°(2.8mm)</li> <li>• Adjustment Range: Pan: -30° ~ 30°, Tilt: 0 ~ 75°, Rotation: 0 ~ 360°</li> <li>• Day &amp; Night: IR cut filter with auto switch</li> <li>• Wide Dynamic Range: 120 dB</li> <li>• Digital noise reduction: 3D DNR</li> <li>• Video Compression: H.264/MJPEG/H.264+</li> <li>• H.264 code profile: Main Profile</li> <li>• Video bit rate: 32Kbps~16Mbps</li> <li>• Audio Compression: S: G.711/G.722.1/G.726/MP2L2</li> <li>• Should have built-in Mic</li> <li>• Audio bit rate: 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)</li> <li>• Dual Stream: Yes</li> <li>• Max. Image Resolution: 2688 × 1520</li> <li>• Frame Rate: 50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)</li> <li>• 60Hz: 20fps (2688×1520), 30fps (1920×1080), 30fps(1280×720)</li> <li>• Image Settings: Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser</li> <li>• ROI: Support</li> <li>• Network Storage: NAS (Support NFS,SMB/CIFS), ANR</li> </ul>	HIKVISION	DS-2CD2142FWD-IS	48	Rs = 988q.	Rs = 474240

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<p>H.264/MJPEG/H.264+</p> <ul style="list-style-type: none"> <li>• H.264 code profile: Main Profile</li> <li>• Video bit rate: 32Kbps~16Mbps</li> <li>• Dual Stream: Yes</li> <li>• On-board storage: Built-in Micro SD/SDHC/SDXC slot, up to 128 GB</li> <li>• Max. Image Resolution: 2688 × 1520</li> <li>• Frame Rate: 50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)</li> <li>• 60Hz: 20fps (2688×1520), 30fps (1920×1080), 30fps(1280×720)</li> <li>• Image Settings: Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser</li> <li>• ROI: Support</li> <li>• Network Storage :NAS (Support NFS,SMB/CIFS), ANR</li> <li>• Alarm Trigger: Face Detection, Line Crossing, Intrusion Detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect , IP address conflict, Storage exception</li> <li>• Protocols: TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour</li> <li>• General Function: One-key reset, Anti-Flicker, heartbeat, mirror, password protection, privacy mask, Watermark, IP address filtering</li> <li>• System Compatibility: ONVIF (Profile S, Profile G),ISAPI</li> <li>• Communication Interface: 1 RJ45 10M / 100M Ethernet interface</li> <li>• Operating Conditions: -30 °C ~ 60 °C (-22 °F ~ 140 °F)</li> <li>• Humidity 95% or less (non-condensing)</li> <li>• Power Supply: 12 VDC ± 25%, PoE (802.3af Class3)</li> <li>• Power Consumption: Max. 5W</li> <li>• Weather Proof: IP67</li> <li>• IR Range: Up to 30m</li> <li>• Dimensions: 70×154.2×60.5 mm (2.8" × 6.2" × 2.4")</li> <li>• Weight: 500g (1.1lbs)</li> </ul>					
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	Camera should be provided in proper box packing with company's monogram, AC adapter, water proof connector seal, installation tool, CD and screws.					
3	<p><b>NVR 32 Channel</b>                      HIK Vision or Equivalent</p> <ul style="list-style-type: none"> <li>Up to 32 IP cameras, Recording at up to 12 MP resolution (4K-NVR)</li> <li>HDD hot swap with RAID0, RAID1, RAID5 and RAID10 storage scheme configurable.</li> <li>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</li> <li>HDMI Video output at up to 4K (3840 × 2160) resolution,</li> <li>Support EZVIZ cloud</li> <li>Should be able to playback without dropping frames (continuous play) in 2 speed, 4 speed, 8 speed, 16 speed mode.</li> <li>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 .</li> <li>USB interface Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 Alarm in/out 16/4</li> <li>Incoming bandwidth: 320Mbps or 200Mbps(when RAID is enabled)</li> <li>Outgoing bandwidth: 256Mbps or 200Mbps(when RAID is enabled)</li> <li>Video/Audio output</li> <li>Should be able remotely configure camera functions e.g configuring motion detection, line crossing detection using NVR GUI.</li> </ul>	HIKVISION	DS-9632NI-18	2	83547/=	167094/=
4	<p><b>6 TB Surveillance grade Hard disk</b></p> <ul style="list-style-type: none"> <li>Formatted capacity: 4 TB</li> <li>Form factor: 3.5-inch</li> <li>Advanced Format (AF): Yes</li> <li>RoHS compliant: Yes</li> <li>Data transfer rate (max)</li> <li>Buffer to host: 6 Gb/s</li> </ul>	WD/ Seagate		4	29444/=	117776/=

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<ul style="list-style-type: none"> <li>• Host to/from drive (sustained):150 MB/s</li> <li>• Cache (MB):64</li> <li>• Rotational speed (RPM):</li> <li>• Load/unload cycles: 300,000</li> <li>• Non-recoverable read errors per bits read: &lt;1 in 1014</li> <li>• Limited warranty (years)5 :3</li> <li>• Average power requirements (W)</li> <li>• Read/Write :5.1</li> <li>• Idle : 4.5</li> <li>• Standby and Sleep: 0.4</li> <li>• Temperature (°C, on the base casting)             <ul style="list-style-type: none"> <li>o Operating :0 to 65</li> <li>o Non-operating: -40 to 70</li> </ul> </li> <li>• Shock (Gs)</li> <li>• Operating (2 ms, read/write): 30</li> <li>• Operating (2 ms, read): 65</li> <li>• Non-operating (2 ms): 250</li> <li>• Acoustics (dBA)7</li> <li>• Idle : 25</li> <li>• Seek (average): 26</li> <li>• Height (in./mm, max): 1.028/26.1</li> <li>• Length (in./mm, max): 5.787/147</li> <li>• Width (in./mm, ± .01 in.):4/101.6</li> <li>• Weight (lb./kg, ± 10%): 1.50/0.68</li> <li>• Reduces video frame loss with surveillance-class storage.</li> <li>• Specifically tuned for surveillance security systems.</li> <li>• Caching algorithms are tuned for write-intensive, low bit rate, high stream count applications that are typical of surveillance applications.</li> <li>• Priority change for write allocations and preemptive caching policies.</li> <li>• TLER &amp; ATA streaming support.</li> <li>• Supports up to eight drives.</li> </ul>					
<p>5 LED Screen Size: 32" Brand: Samsung Or equivalent</p> <ul style="list-style-type: none"> <li>• Display Technology: LED</li> <li>• 4K (Resolution): SUPPORTED</li> <li>• Smart : No</li> <li>• Refresh Rate: EMR 120Hz</li> <li>• Aspect Ratio: 16:9</li> <li>• Energy Grade: Energy Star</li> <li>• Category: LED TV</li> <li>• Brightness (cd/m2): 250</li> </ul>	SAMSUNG		2	77778/-	155558/-



<ul style="list-style-type: none"> <li>• Contrast Ratio: 1200:1 or better</li> <li>• Response Time: 6.5ms</li> <li>• Viewing Angle (H/V): 170°/170°</li> <li>• Life Time: &gt; 30,000hrs (min)</li> <li>• Colors: 16.7M</li> <li>• Speakers: Integrated speakers (Bottom side)</li> <li>• Audio Power Output: 5W+5W</li> <li>• SRS True Surround HD: Yes</li> <li>• HDMI: 2, USB: 1</li> <li>• AV in: 1, AV out: 1</li> <li>• RF: 1, Component (Y/Pb/Pr): 1</li> <li>• VGA: 1, SPDIF: Coaxial</li> <li>• 3D Glasses: No</li> <li>• Power Supply: AC 220V 50/60Hz</li> <li>• Power Consumption - TV on 50W</li> <li>• Power Consumption - Standby &lt; 0.5W</li> </ul>					
Total					1035002/=
17% GST					175950/=
Grand Total					1210952/=

Total Amount Rupees (in words)

ONE MILLION TWO HUNDRED

TEN THOUSAND NINE HUNDRED FIFTY TWO.

### 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

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