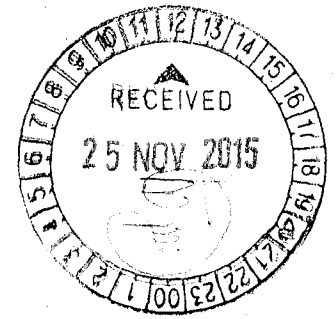




**Institute of  
Business Administration  
Karachi**

Leadership and Ideas for Tomorrow



**PURCHASE ORDER**

To : M/s Digital Links (Pvt) Ltd  
 Order No : IBA-MC/PD/P&S/205/0079/2015-16  
 Date of Issue : November 25, 2015  
 Date of Delivery : December 8, 2015  
 Place of Delivery : IBA, Main Campus  
 Total Amount : **Rs.1,250,782.65 (Including GST)**  
**(Rupees One Million Two Hundred Fifty Thousand Seven Hundred Eighty Two & Paisa Sixty Five Only)**

S. #	DESCRIPTION	QTY	RATE (RS.)	AMOUNT (RS.)
	<b><u>IP CAMERA- MINI DOME - 1.3 MP HIK VISION</u></b>			
	1. Support dual stream, and the sub-stream for mobile surveillance 2. High-performance and long service life infrared LED. Approx. 10 to 30 meters IR range 3. Must Support intrusion detection, line crossing detection 4. Must Support VCA, which is compatible with NVR for the second time of video searching and analyzing 5. Up to 1.3 megapixel (1280 * 960) resolution 6. Wi-Fi Support 7. Standard video compression with high compression ratio, ROI (region of interest) encoding 8. Progressive scan CMOS, capture motion video without incised margin 9. Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB 10. Ingress Protection level: IP66 11. Two-way audio Support 12. Audio Support Input Output 13. IR cut filter with auto switch 14. PoE (Power over Ethernet) 15. Impact Protection: IEC60068-2-75 test, E1, 70J; EN50102, up to 1K10 16. Other functions: rotate mode, alarm, mirror, reset button, etc. 17. Image Sensor: 1/3" Progressive Scan CMOS 18. Min. Illumination: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR, 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR 19. Shutter Speed: 1/3 s to 1/100,000 s 20. Lens: Angle of view: 92.5°, 2.8mm LENS	42 units	Rs.14,435.00	Rs.606,270.00

*Handwritten signature and date: 25/11/15*

21. Lens Mount: M12
22. Day & Night: IR cut filter with auto switch
23. Digital Noise Reduction: 3D DNR
24. Wide Dynamic Range: Digital WDR
25. Angle Adjustment: Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0-355°
26. Video Compression: H.264+
27. H.264 Type: Main Profile
28. Video Bit Rate: 32 Kbps - 12 Mbps
29. Dual Stream: Yes
30. Audio Compression: G.711/G.722.1/G.726/MP2L2
31. Audio Bit Rate: 64Kbps(G.711) / 16Kbps(G.722.1)/16Kbps(G.726) / 32-128Kbps(MP2L2)
32. Max. Resolution: (1280 x 960)
33. Frame Rate: 50 Hz: 25 fps (1280 x 960), 25 fps (1280 x 720), 60 Hz: 30 fps (1280 x 960), 30 fps (1280 x 720)
34. Image Settings: Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser
35. Backlight compensation: Yes, zone optional
36. ROI: (Region of interest) Support
37. Line crossing Detection Support
38. Network Storage: Local storage: Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB
39. NAS: Must Supported NAS (Support NFS, SMB CIFS)
40. Protocol: TCP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
41. Standard: ONVIF, PSIA, CGI, ISAPI
42. Communication Interface: 1 RJ45 10M/100M Ethernet interface
43. Alarm interface: 1 alarm I/O
44. Audio interface: 1 audio I/O
45. Wireless Standards: IEEE802.11b, 802.11g, 802.11n
46. Frequency Range: 2.4 GHz - 2.4835 GHz
47. Channel Bandwidth: 20/40MHz Support
48. Protocols: 802.11b: CCK, QPSK, BPSK
49. 802.11g/n: OFDM
50. Security: 64/128-bit WEP, WPA/WPA2, WPA-PSK, WPA2-PSK, WPS
51. Transmit Output Power: 11m: 17±1.5dBm @ 11Mbps  
11g: 14±1.5dBm @ 54Mbps  
11n: 12.5±1.5dBm

52. Receive Sensitivity: 11b: -90dBm @ 11Mbps (Typical)  
 11g: -75dBm @ 54Mbps (Typical)  
 11n: -74dBm (Typical)
53. Transfer Rates: 11b: 11Mbps  
 11g: 54Mbps  
 11n: up to 150Mbps
54. Wireless Range: 50m (minimum)
55. Wireless Standards: IEEE802.11b, 802.11g, 802.11n
56. Operating Conditions: -30°C - 60°C (-22°F - 140°F)
57. Humidity: 95% or less (non-condensing)
58. Power Supply: 12 V DC ± 10%  
 59. Pol: (802.3af)
60. Power Consumption: Max. 5W
61. Ingress Protection level: IP66
62. IR Range: 30 meters
63. Impact Protection: IEC60068-2-75Eb, 20; EN50102, up to IK10
64. Dimensions: Φ111 × 82 (4.4" × 3.2")
65. Weight: 500g (1.1 lb)
65. Alarm Trigger:  
 Line Crossing, Intrusion Detection, Motion detection,  
 Dynamic analysis, Tampering, alarm, One-key reset,  
 Network disconnect, IP address conflict, Storage execution, Flash-prevention, dual stream, heartbeat,  
 mirror, password protection, privacy mask, watermark, IP address filtering.
66. The camera Box should include following items:-  
 a. IP Camera  
 b. Power Adaptor 220 v  
 c. Screw driver L Key type for camera  
 d. Weather proof network connector cover  
 e. Camera manual  
 f. Packing
67. Power supply should be included on each camera.

NVR 32 channel HIK VISION

1. Connectable to the third-party network cameras like like ACTI, Arecom, AX-S, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, PSIA, SAMSUNG, SANYO, SONY and Vivotek and ZAVIO.
2. Video Content Analysis: NVR Should support VCA for smart search
3. Stream Media Server: NVR should support Stream Media Server to increase the number of users on Network or to decrease the load

05  
units

RS.68,750.00

RS.343,750.00

- over WAN connection for multiple users at remote location
4. Up to 64 network cameras can be connected
  5. Support live view, storage, and playback of the connected camera with up to the resolution of 5 megapixels.
  6. Simultaneous HDMI and VGA at 1920 × 1080 resolution.
  7. New GUI and support starting record with one key.
  8. Redundant recording, holiday recording and capture schedule configuration.
  9. Realize instant playback for assigned channel during multi-channel display mode.
  10. Up to 16-ch synchronous playback at 4CIF resolution.
  11. Smart search for the selected area in the video.
  12. Customization of tags, searching, and playing back by tags.
  13. Locking and unlocking record files.
  14. Compression: "H.264+" (NVR Should not be H.264 or below)
  15. Support HDD quota and group modes: Different capacity can be assigned to different channel.
  16. Up to 4 SATA hard disks and 1 eSATA disk can be connected, for both recording and backup.
  17. Self-adaptive 10M/100M/1000M network interface.
  18. Support Hikvision DDNS (Dynamic Domain Name System).
  19. Must Support Channel-zero encoding, which enables you to get a view in the remote client or web browser of all the channels in one screen.
  20. Support network detection, including network delay, packet loss, etc.
  21. Adopt pioneering dual-OS design to ensure the security of system running.
  22. Channel Zero: NVR Should Support Channel Zero function with VBR function (i.e. (32Kbps ~ 2Mbps) which sucks one camera bandwidth and shows at most 16-cameras View at a time
  23. VGA/HDMI or CVBS: NVR should independently operate (VGA/HDMI) & CVBS
  24. IP Video/Audio Input: 32-ch
  25. Two-way audio: 32-ch, BNC (2.0Vp-p, 1kΩ)
  26. Incoming bandwidth: 160Mbps
  27. Outgoing bandwidth: 160Mbps
  28. Remote Connection: 128
  29. Video/Audio output: 32
  30. Recording resolution: 5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
  31. Compression: "H.264+" (NVR Should not be H.264 or below)
  32. Channel Zero: NVR Should Support Channel

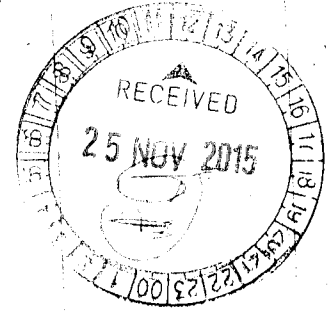
5

- Zero function with VBR ability i.e. (32Kbps ~ 2Mbps) which sucks one camera bandwidth and shows at most 16-cameras View at a time
33. VGA/HDMI or CVBS: NVR should independently operate (VGA/HDMI) & CVBS
  34. Video Content Analysis: NVR Should support VCA for smart search
  35. Stream Media Server: NVR should support Stream Media Server to increase the number of users on Network or to decrease the load over WAN connection for multiple users at remote location
  36. NAS: NVR should support NAS function
  37. Frame rate: Main stream: 25 fps (P) / 30 fps (N)
    1. Sub-stream: 25 fps (P) / 30 fps (N)
  38. CVBS output: 1-ch, BNC (1.0 Vp-p, 75 Ω)
  39. Resolution: 704 × 576 (PAL); 704 × 480 (NTSC)
  40. HDMI output: 1-ch, resolution: 1920 × 1080P /60Hz, 1920 × 1080P /50Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz
  41. VGA output: 1-ch, resolution: 1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz
  42. Audio output: 2-ch, BNC (Linear, 60Ω)
  43. Playback resolution: 8MP, 3MP, 1080P, 720P, VGA, QCX, DCU, 2CH, CH, QCH
  44. Synchronous playback: 16ch
  45. Hard disk (SATA): 4 SATA interface
  46. eSATA: 1 eSATA interface
  47. Capacity: Up to 4TB capacity for each HDD
  48. Network interface: 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet
  49. Serial interface: RS-232; RS-485; Keyboard
  50. USB interface: 3 × USB 2.0
  51. Alarm in: 15
  52. Alarm out:
  53. Power supply: 100 ~ 240 VAC, 6.3 A, 50/60 Hz
  54. Power Consumption: (without hard disk) < 45 W
  55. Working temperature: 0 °C ~ 55 °C
  56. Working humidity: 10% ~ 90%
  57. Chassis: 9-inch rack-mountable 1U chassis
  58. Dimensions (W × D × H): 435 × 390 × 70 mm
  59. Weight: 4 Kg (8.82 lbs) (without hard disk)

LED- 32 channel SAMSUNG

Display Technology LED

1.2D/3D	2D
2.Internet Enabled	No
3.Refresh Rate	EMR 120Hz
4.Aspect Ratio	16:9
5.Resolution	720p or higher
6.Energy Grade	Energy Star
7.Category	LED TV
8.Brightness (cd/m2)	250
9.Contrast Ratio	1200:1 or better
10. Response Time	6.5ms
11. Viewing Angle (H/V)	170- 170°
12. Life Time	>30,000hrs (min)
13. Colors	16.7M
14. Speakers	Integrated speakers
(Bottom side)	
15. Audio Power Output	5W- 5W
16. SRS True Surround HD	Yes
17. HDMI	1
18. USB	1
19. AV in	1
20. AV out	1
21. RF	1
22. Component (Y-Pb-Pr)	1
23. VGA	1
24. SPDIF	Coaxial
25. 3D Glasses	No
26. Power Supply	AC 220V 50-60Hz
27. Power Consumption - TV on	50W
28. Power Consumption - Standby	<0.5W



3 unit    Rs.39,675.00    Rs.119,025.00

Total

Rs.1,069,045.00

17% GST

Rs.181,737.65

Total Amount

Rs.1,250,782.65

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 and Chinese version acceptable.
- Supplier should have office located in Karachi.
- Items should have local warranty.

*[Handwritten signature]*  
25/11/15

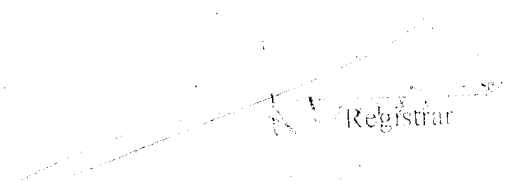
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## Terms & Conditions:

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 bill and delivery of the above item.
4. General Sales Tax will be paid on applicable items only.
5. Penalty 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), levies and charges 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, Purchase Order & Delivery Challan should be submitted to Finance 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 / determination of Purchase / Work Order.
12. Stamp duty @ 35% for Goods against total value of Purchase Order will be levied accordingly.

  
Manager Purchase & Stores

Nov 25 / 15

  
Registrar



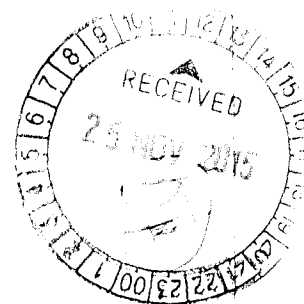
**Institute of  
Business Administration  
Karachi**

*Leadership and Ideas for Tomorrow*

**PURCHASE ORDER**

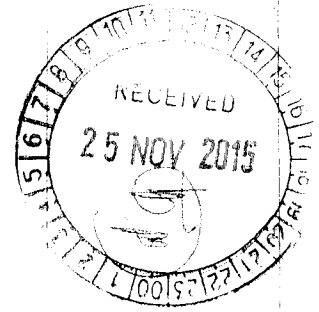
To : M/s M. M. Corporation  
 Order No : IBA-MC/PD/P&S/205/0080/2015-16  
 Date of Issue : November 25, 2015  
 Date of Delivery : November 30, 2015  
 Place of Delivery : IBA, Main Campus  
 Total Amount : **Rs.241,348.77 (Including GST)**  
 (Rupees Two Hundred Forty One Thousand Three Hundred Forty Eight & Paiza Seventy Seven Only)

S. No	DESCRIPTION	QTY	RATE (RS.)	AMOUNT (RS.)
<b><u>Hard Disk - Surveillance grade Seagate</u></b>				
1.	Formatted capacity	4 TB		
2.	Form factor	3.5-inch		
3.	Advanced Format (AF)	Yes		
4.	RoHS compliant	Yes		
5.	Data transfer rate (max)			
6.	Buffer to host	6 Gb/s		
7.	Host to from drive (sustained)	150 MB/s		
8.	Cache (MB)	64		
9.	Rotational speed (RPM)	IntelliPower		
10.	Load/unload cycles	300,000		
11.	Non-recoverable read errors per bits read	1 in 10 <sup>17</sup>		
12.	Limited warranty (years)	3		
13.	Average power requirements (W)	16 units	Rs.205,130.00	Rs.205,130.00
14.	Read/Write	5.1		
15.	Idle	4.5		
16.	Standby and Sleep	0.4		
17.	Temperature (°C, on the base casting)			
18.	Operating	0 to 65		
19.	Non-operating	-40 to 70		
20.	Shock (Gs)			
21.	Operating (2 ms, read/write)	30		
22.	Operating (2 ms, read)	65		
23.	Non-operating (2 ms)	250		
24.	Acoustics (dBA)			
25.	Idle	35		
26.	Seek (average)	26		
27.	Height (in./mm, max)	1.028/26.1		
28.	Length (in./mm, max)	5.787/147		
29.	Width (in./mm, ±.01 in.)	4/101.6		





30. 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 support.
  - Supports up to eight drives.



**SD Card 32 GB KINGSTON**

- Capacities<sup>1</sup>: 32 GB. Must work with HIKVISION 1.3 MP IP camera or Equipment
- Speed<sup>2</sup>: Class 4 or above (Data writing speed 4MB/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 only
- Reliable: lifetime warranty<sup>7</sup>

1 unit 1,151.00 Rs.1,151.00

Total Rs.206,281.00

17% GST Rs.35,067.77

Total Amount Rs.241,348.77

**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 and Chinese version acceptable.
- Supplier should have office located in Karachi.
- Items should have local warranty.

*Handwritten signature and date: 25/11/15*

*Handwritten mark or signature*

## 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 bill and delivery of the above item.
4. General Sales Tax will be paid on applicable items only.
5. Penalty 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 whatsoever will be accepted.
7. Government taxes, levies and charges 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, Purchase Order & Delivery Challan should be submitted to Finance 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 / Work Order.
12. Stamp duty 0.35% for Goods against total value of Purchase Order will be levied accordingly.

  
Manager Purchase & Stores

NOV 25/15

  
Registrar

3.

**TENDER FORM**  
**Provide & Supply of Surveillance Equipment**

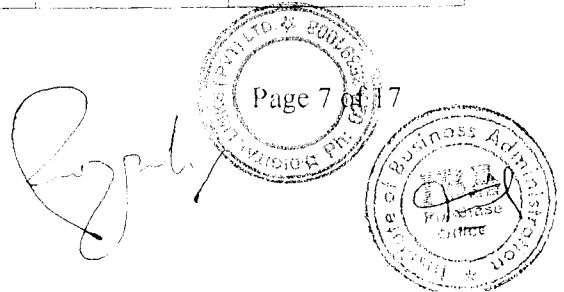
S. #	DESCRIPTION	QTY	RATE (RS.)	AMOUNT (RS.)
1	<p><b><u>IP CAMERA- MINI DOME - 1.3 MP HIK VISION OR EQUIVALENT</u></b></p> <ol style="list-style-type: none"> <li>1. Support dual stream, and the sub-stream for mobile surveillance</li> <li>2. High-performance and long service life infrared LED, Approx. 10 to 30 meters IR range</li> <li>3. Must Support intrusion detection, line crossing detection</li> <li>4. Must Support VCA, which is compatible with NVR for the second time of video searching and analyzing</li> <li>5. Up to 1.3 megapixel (1280 × 960) resolution</li> <li>6. Wi-Fi Support</li> <li>7. Standard video compression with high compression ratio, ROI (region of interest) encoding</li> <li>8. Progressive scan CMOS, capture motion video without incised margin</li> <li>9. Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB</li> <li>10. Ingress Protection level: IP66</li> <li>11. Two-way audio Support</li> <li>12. Audio Support Input Output</li> <li>13. IR cut filter with auto switch</li> <li>14. PoE (Power over Ethernet)</li> <li>15. Impact Protection: IEC60068-2-75 test, Eh, 20J; EN50102, up to IK10</li> <li>16. Other functions: rotate mode, alarm, mirror, reset button, etc</li> <li>17. Image Sensor: 1/3" Progressive Scan CMOS</li> <li>18. Min. Illumination: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR, 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR</li> <li>19. Shutter Speed: 1/3 s to 1/100,000 s</li> <li>20. Lens: Angle of view: 92.5°@2.8mm</li> </ol>	42 units	14,435	606,270

*[Handwritten Signature]*



	<p>LENS</p> <p>21. Lens Mount: M12</p> <p>22. Day &amp; Night: IR cut filter with auto switch</p> <p>23. Digital Noise Reduction: 3D DNR</p> <p>24. Wide Dynamic Range: Digital WDR</p> <p>25. Angle Adjustment: Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0-355°</p> <p>26. Video Compression H.264+</p> <p>27. H.264 Type: Main Profile</p> <p>28. Video Bit Rate:32 Kbps – 12 Mbps</p> <p>29. Dual Stream: Yes</p> <p>30. Audio Compression: G.711/G.722.1/G.726/MP2L2</p> <p>31. Audio Bit Rate: 64Kbps(G.711) /16Kbps(G.722.1)/16Kbps(G.726) /32-128Kbps(MP2L2)</p> <p>32. Max. Resolution: 1280 x 960</p> <p>33. Frame Rate: 50 Hz: 25 fps (1280 × 960), 25 fps (1280 x 720) 60 Hz: 30 fps (1280 × 960), 30 fps (1280 x 720)</p> <p>34. Image Settings: Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser</p> <p>35. Backlight compensation: Yes, zone optional</p> <p>36. ROI: (Region of interest) Support</p> <p>37. Line crossing Detection Support</p> <p>38. Network Storage:Local storage: Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB.</p> <p>39. NAS: Must Supported NAS (Support NFS, SMB/CIFS)</p> <p>40. Protocol:TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS RTP,RTSP,RTCP, PPPoE, NTP, UPnP, SMTP,SNMP PPPoE,NTP,UPnP,SMTP,SNMP,IGMP 802.1X,QoS,IPv6,Bonjour</p> <p>41. Standard: ONVIF, PSIA, CGI, ISAPI</p> <p>42. Communication Interface: 1 RJ45 10M/100M Ethernet interface</p> <p>43. Alarm interface: 1 alarm I/O</p> <p>44. Audio interface: 1 audio I/O</p>			
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<p>45. Wireless Standards: IEEE802.11b, 802.11g, 802.11n</p> <p>46. Frequency Range: 2.4 GHz ~ 2.4835 GHz</p> <p>47. Channel Bandwidth: 20/40MHz Support</p> <p>48. Protocols: 802.11b: CCK, QPSK, BPSK</p> <p>49. 802.11g/n: OFDM</p> <p>50. Security: 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS</p> <p>51. Transmit Output Power: 11b: 17±1.5dBm @ 11Mbps 11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm</p> <p>52. Receive Sensitivity: 11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)</p> <p>53. Transfer Rates: 11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps</p> <p>54. Wireless Range: 50m (minimum)</p> <p>55. Wireless Standards: IEEE802.11b, 802.11g, 802.11n</p> <p>56. Operating Conditions: -30 °C – 60 °C (-22 °F – 140 °F)</p> <p>57. Humidity: 95% or less (non-condensing)</p> <p>58. Power Supply: 12 V DC ± 10%</p> <p>59. PoE: (802.3af)</p> <p>60. Power Consumption: Max. 5W</p> <p>61. Ingress Protection level: IP66</p> <p>62. IR Range: 30 meters</p> <p>63. Impact Protection: IEC60068-2-75Eh, 20J; EN50102, up to IK10</p> <p>64. Dimensions: Φ111 × 82 (4.4" × 3.2")</p> <p>65. Weight: 500g (1.1 lb)</p> <p>65. Alarm Trigger: Line Crossing, Intrusion Detection, Motion detection, Dynamic analysis, Tampering, alarm, One-key reset, Network disconnect, IP address conflict, Storage</p>			
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	<p>exception, Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering.</p> <p>66. The camera Box should include following items:-</p> <ol style="list-style-type: none"> <li>a. IP Camera</li> <li>b. Power Adaptor 220 v</li> <li>c. Screw driver L Key type for camera</li> <li>d. Weather proof network connector cover</li> <li>e. Camera manual</li> <li>f. Packing</li> </ol> <p>67. Power supply should be included on each camera.</p>			
<p>2</p>	<p><b><u>NVR – 32 channel HIK VISION OR EQUIVALENT</u></b></p> <ol style="list-style-type: none"> <li>1. Connectable to the third-party network cameras like like ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Peleo, PSIA, SAMSUNG, SANYO, SONY and Vivotek and ZAVIO.</li> <li>2. Video Content Analysis: NVR Should support VCA for smart search</li> <li>3. Stream Media Server: NVR should support Stream Media Server to increase the number of users on Network or to decrease the load over WAN connection for multiple users at remote location</li> <li>4. Up to 64 network cameras can be connected</li> <li>5. Support live view, storage, and playback of the connected camera with up to the resolution of 5 megapixels.</li> <li>6. Simultaneous HDMI and VGA at 1920 × 1080 resolution.</li> <li>7. New GUI and support starting record with one key;</li> <li>8. Redundant recording, holiday recording and capture schedule configuration;</li> <li>9. Realize instant playback for assigned channel during multi-channel display mode.</li> <li>10. Up to 16-ch synchronous playback at 4CIF resolution.</li> <li>11. Smart search for the selected area in the video.</li> <li>12. Customization of tags, searching, and playing back by tags.</li> </ol>	<p>05 units</p>	<p>68,750</p>	<p>343,750</p>

<ol style="list-style-type: none"> <li>13. Locking and unlocking record files.</li> <li>14. Compression: "H.264+" (NVR Should not be H.264 or below)</li> <li>15. Support HDD quota and group modes; different capacity can be assigned to different channel.</li> <li>16. Up to 4 SATA hard disks and 1 eSATA disk can be connected, for both recording and backup.</li> <li>17. 1 self-adaptive 10M/100M/1000M network interface.</li> <li>18. Support Hikvision DDNS (Dynamic Domain Name System);</li> <li>19. Must Support Channel-zero encoding, which enables you to get a view in the remote client or web browser of all the channels in one screen.</li> <li>20. Support network detection, including network delay, packet loss, etc.</li> <li>21. Adopt pioneering dual-OS design to ensure the security of system running.</li> <li>22. Channel Zero: NVR Should Support Channel Zero function with VBR function i.e. (32Kbps ~ 2Mbps) which sucks one camera bandwidth and shows at most 16-cameras View at a time</li> <li>23. VGA/HDMI or CVBS: NVR should independently operate (VGA/HDMI) &amp; CVBS</li> <li>24. IP video/Audio input :32-ch</li> <li>25. Two-way audio: 1-ch, BNC (2.0 Vp-p, 1kΩ)</li> <li>26. Incoming bandwidth: 160Mbps</li> <li>27. Outgoing bandwidth: 160Mbps</li> <li>28. Remote Connection: 128</li> <li>29. Video/Audio output: 32</li> <li>30. Recording resolution 5MP /3MP /1080P/UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF</li> <li>31. Compression: "H.264+" (NVR Should not be H.264 or below)</li> <li>32. Channel Zero: NVR Should Support Channel Zero function with VBR ability i.e. (32Kbps ~ 2Mbps) which sucks one camera bandwidth and shows at most 16-cameras View at a time</li> <li>33. VGA/HDMI or CVBS: NVR should independently operate (VGA/HDMI) &amp; CVBS</li> <li>34. Video Content Analysis: NVR Should support VCA for smart search</li> <li>35. Stream Media Server: NVR should support Stream Media Server to increase the number of users on Network or to decrease the load over WAN connection for multiple users at remote location</li> <li>36. NAS: NVR should support NAS function</li> </ol>			
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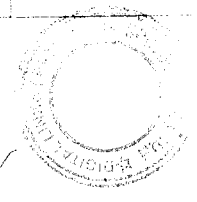

	<p>37. Frame rate: Main stream: 25 fps (P) / 30 fps (N)                      1. Sub-stream: 25 fps (P) / 30 fps (N)</p> <p>38. CVBS output: 1-ch, BNC (1.0 Vp-p, 75 Ω)</p> <p>39. Resolution: 704 × 576 (PAL); 704 × 480 (NTSC)</p> <p>40. HDMI output: 1-ch, resolution: 1920 × 1080P /60Hz, 1920 × 1080P /50Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz</p> <p>41. VGA output: 1-ch, resolution: 1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz</p> <p>42. Audio output: 2-ch, BNC (Linear, 600Ω)</p> <p>43. Playback resolution 5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF</p> <p>44. Synchronous playback: 16-ch</p> <p>45. Hard disk (SATA) 4 SATA interfaces</p> <p>46. eSATA 1 eSATA interface</p> <p>47. Capacity: Up to 4TB capacity for each HDD</p> <p>48. Network interface: 1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet</p> <p>49. Serial interface: RS-232; RS-485; Keyboard</p> <p>50. USB interface: 3 × USB 2.0</p> <p>51. Alarm in: 16</p> <p>52. Alarm out: 4</p> <p>53. Power supply: 100 ~ 240 VAC, 6.3 A, 50 ~ 60 Hz</p> <p>54. Power Consumption: (without hard disk) ≤ 45 W</p> <p>55. Working temperature: -10 °C ~ +55 °C</p> <p>56. Working humidity: 10 % ~ 90 %</p> <p>57. Chassis 19-inch rack-mounted 1.5U chassis</p> <p>58. Dimensions (W × D × H) 445 × 390 × 70 mm</p> <p>59. Weight ≤ 4 Kg (8.82 lb) ( without hard disk)</p>			
<p>3</p>	<p><b><u>Hard Disk Surveillance grade</u></b></p> <p>1. Formatted capacity 4 TB</p> <p>2. Form factor 3.5-inch</p> <p>3. Advanced Format (AF) Yes</p> <p>4. RoHS compliant Yes</p> <p>5. Data transfer rate (max)</p> <p>6. Buffer to host 6 Gb/s</p>	<p>10 units</p>	<p>21,590</p>	<p>215,900</p>



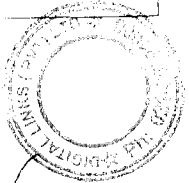
7. Host to/from drive (sustained)	150 MB/s		
8. Cache (MB)	64		
9. Rotational speed (RPM)	IntelliPower		
10. Load/unload cycles	300,000		
11. Non-recoverable read errors per bits read	<1 in 10 <sup>14</sup>		
12. Limited warranty (years) <sup>5</sup>	3		
13. Average power requirements (W)			
14. Read/Write	5.1		
15. Idle	4.5		
16. Standby and Sleep	0.4		
17. Temperature (°C, on the base casting)			
18. Operating	0 to 65		
19. Non-operating	-40 to 70		
20. Shock (Gs)			
21. Operating (2 ms, read/write)	30		
22. Operating (2 ms, read)	65		
23. Non-operating (2 ms)	250		
24. Acoustics (dBA) <sup>7</sup>			
25. Idle	25		
26. Seek (average)	26		
27. Height (in./mm, max)	1.028/26.1		
28. Length (in./mm, max)	5.787/147		
29. Width (in./mm, ± .01 in.)	4/101.6		
30. Weight (lb./kg, ± 10%)	1.50/0.68		
<p>Reduces video frame loss with surveillance-class storage.</p> <p>Specifically tuned for surveillance security systems.</p> <p>Caching algorithms are tuned for write-intensive, low bit rate, high stream count applications that are typical of surveillance applications.</p> <p>Priority change for write allocations and preemptive caching policies.</p> <p>TLER &amp; ATA streaming support.</p> <p>Supports up to eight drives.</p>			

113

*Signature*




<u>LED- 32 channel SAMSUNG or</u>				
<u>EQUIVALENT</u>				
1.	Display Technology	LED		
2.	2D/3D	2D		
3.	Internet Enabled	No		
4.	Refresh Rate	EMR 120Hz		
5.	Aspect Ratio	16:9		
6.	Resolution	720p or higher		
7.	Energy Grade	Energy Star		
8.	Category	LED TV		
9.	Brightness (cd/m2)	250		
10.	Contrast Ratio	1200:1 or better		
11.	Response Time	6.5ms		
12.	Viewing Angle (H/V)	170°/170°		
13.	Life Time	> 30,000hrs (min)		
4	14. Colors	16.7M	3 unit	39,675
	15. Speakers	Integrated speakers		119,025
	(Bottom side)			
16.	Audio Power Output	5W+5W		
17.	SRS True Surround HD	Yes		
18.	HDMI	2		
19.	USB	1		
20.	AV in	1		
21.	AV out	1		
22.	RF	1		
23.	Component (Y/Pb/Pr)	1		
24.	VGA	1		
25.	SPDIF	Coaxial		
26.	3D Glasses	No		
27.	Power Supply	AC 220V 50/60Hz		
28.	Power Consumption - TV on	50W		
29.	Power Consumption - Standby	< 0.5W		

*[Handwritten signature]*  


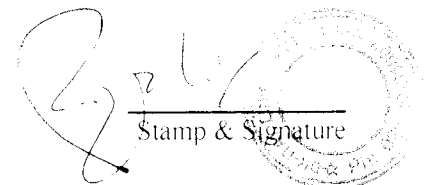
*[Handwritten signature]*

5	<p><b><u>SD Card 32 GB KINGSTON or Equivalent</u></b></p> <ul style="list-style-type: none"> <li>• <b>Capacities<sup>1</sup>:</b> 32 GB. Must work with HIKVISION 1.3 MP IP camera or Equipment</li> <li>• <b>Speed<sup>2</sup>:</b> Class 4 or above (Data writing speed 4MB/s or higher)</li> <li>• <b>Dimensions:</b> 11mm x 15mm x 1mm</li> <li>• <b>Operating temperature:</b> -25° C to 85° C</li> <li>• <b>Storage temperature:</b> -40° C to 85° C</li> <li>• <b>Voltage:</b> 3.3v</li> <li>• <b>Compliant:</b> with the SD Card Association specification</li> <li>• <b>Compatible:</b> with micro SDHC/SDXC host devices only</li> <li>• <b>Reliable:</b> lifetime warranty<sup>7</sup></li> </ul>	1 unit	1,530	1,530
<b>Total</b>			1,286,475	
<b>17% GST</b>			218,700	
<b>Total Amount</b>			1,505,175	

Total Amount Rupees (in words) One million five hundred  
five thousand one hundred seventy five Only

**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 and Chinese version acceptable.
- Supplier should have office located in Karachi.
- Items should have local warranty.



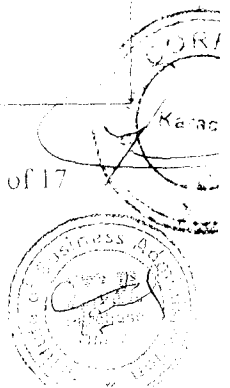
Stamp & Signature



**TENDER FORM**  
**Provide & Supply of Surveillance Equipment**

S.#	DESCRIPTION	QTY	RATE (RS.)	AMOUNT (RS.)
1	<p><u>IP CAMERA- MINI DOME - 1.3 MP-HHK</u>  <u>VISION OR EQUIVALENT</u> <i>Details are attached</i></p> <ol style="list-style-type: none"> <li>Support dual stream, and the sub-stream for mobile surveillance</li> <li>High-performance and long service life infrared LED, Approx. 10 to 30 meters IR range</li> <li>Must Support intrusion detection, line crossing detection</li> <li>Must Support VCA, which is compatible with NVR for the second time of video searching and analyzing</li> <li>Up to 1.3 megapixel (1280 × 960) resolution</li> <li>Wi-Fi Support</li> <li>Standard video compression with high compression ratio, ROI (region of interest) encoding</li> <li>Progressive scan CMOS, capture motion video without incised margin</li> <li>Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB</li> <li>Ingress Protection level: IP66</li> <li>Two-way audio Support</li> <li>Audio Support Input Output</li> <li>IR cut filter with auto switch</li> <li>PoE (Power over Ethernet)</li> <li>Impact Protection: IEC60068-2-75 test, Eh, 20J; EN50102, up to IK10</li> <li>Other functions: rotate mode, alarm, mirror, reset button, etc</li> <li>Image Sensor: 1/3" Progressive Scan CMOS</li> <li>Min. Illumination: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR, 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR</li> <li>Shutter Speed: 1/3 s to 1/100,000 s</li> <li>Lens: Angle of view: 92.5° @ 2.8mm</li> </ol>	42 units	22678	952476

15/15



exception, Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering.

66. The camera Box should include following items:-
- a. IP Camera
  - b. Power Adaptor 220 v
  - c. Screw driver L Key type for camera
  - d. Weather proof network connector cover
  - e. Camera manual
  - f. Packing
67. Power supply should be included on each camera.

**NVR – 32 channel HIK VISION OR**

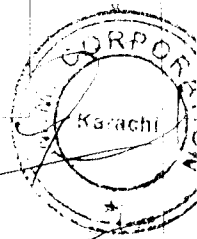
**EQUIVALENT**

1. Connectable to the third-party network cameras like like ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, PSIA, SAMSUNG, SANYO, SONY and Vivotek and ZAVIO.
2. Video Content Analysis: NVR Should support VCA for smart search
3. Stream Media Server: NVR should support Stream Media Server to increase the number of users on Network or to decrease the load over WAN connection for multiple users at remote location
4. Up to 64 network cameras can be connected
5. Support live view, storage, and playback of the connected camera with up to the resolution of 5 megapixels.
6. Simultaneous HDMI and VGA at 1920 x 1080 resolution.
7. New GUI and support starting record with one key;
8. Redundant recording, holiday recording and capture schedule configuration;
9. Realize instant playback for assigned channel during multi-channel display mode.
10. Up to 16-ch synchronous playback at 4CIF resolution.
11. Smart search for the selected area in the video.
12. Customization of tags, searching, and playing back by tags.

77493

05 units

387465



- 37. Frame rate: Main stream: 25 fps (P) / 30 fps (N)
  - I. Sub-stream: 25 fps (P) / 30 fps (N)
- 38. CVBS output: 1-ch, BNC (1.0 Vp-p, 75 Ω)
- 39. Resolution: 704 × 576 (PAL); 704 × 480 (NTSC)
- 40. HDMI output: 1-ch, resolution: 1920 × 1080P /60Hz, 1920 × 1080P /50Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz
- 41. VGA output: 1-ch, resolution: 1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz
- 42. Audio output: 2-ch, BNC (Linear, 600Ω)
- 43. Playback resolution 5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF
- 44. Synchronous playback: 16-ch
- 45. Hard disk (SATA) 4 SATA interfaces
- 46. eSATA 1 eSATA interface
- 47. Capacity: Up to 4TB capacity for each HDD
- 48. Network interface: 1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet
- 49. Serial interface: RS-232; RS-485; Keyboard
- 50. USB interface: 3 × USB 2.0
- 51. Alarm in: 16
- 52. Alarm out: 4
- 53. Power supply: 100 ~ 240 VAC, 6.3 A, 50 ~ 60 Hz
- 54. Power Consumption: (without hard disk) ≤ 45 W
- 55. Working temperature: -10 °C ~ +55 °C
- 56. Working humidity: 10 % ~ 90 %
- 57. Chassis 19-inch rack-mounted 1.5U chassis
- 58. Dimensions (W × D × H) 445 × 390 × 70 mm
- 59. Weight ≤ 4 Kg (8.82 lb) ( without hard disk)

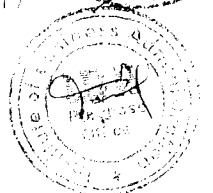
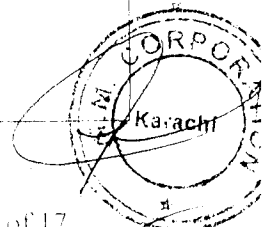
**Hard Disk Surveillance grade**

- 1. Formatted capacity 4 TB
- 2. Form factor 3.5-inch
- 3. Advanced Format (AF) Yes
- 4. RoHS compliant Yes
- 5. Data transfer rate (max)
- 6. Buffer to host 6 Gb/s

10 units

20513

205130



**LED- 32 channel SAMSUNG or****EQUIVALENT**

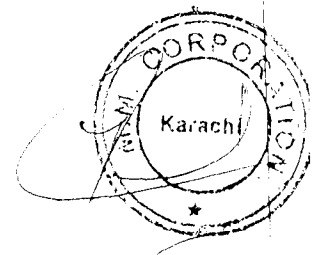
1.	Display Technology	LED
2.	2D/3D	2D
3.	Internet Enabled	No
4.	Refresh Rate	EMR 120Hz
5.	Aspect Ratio	16:9
6.	Resolution	720p or higher
7.	Energy Grade	Energy Star
8.	Category	LED TV
9.	Brightness (cd/m2)	250
10.	Contrast Ratio	1200:1 or better
11.	Response Time	6.5ms
12.	Viewing Angle (H/V)	170°/170°
13.	Life Time	>30,000hrs (min)
14.	Colors	16.7M
15.	Speakers	Integrated speakers (Bottom side)
16.	Audio Power Output	5W+5W
17.	SRS True Surround HD	Yes
18.	HDMI	2
19.	USB	1
20.	AV in	1
21.	AV out	1
22.	RF	1
23.	Component (Y/Pb/Pr)	1
24.	VGA	1
25.	SPDIF	Coaxial
26.	3D Glasses	No
27.	Power Supply	AC 220V 50/60Hz
28.	Power Consumption - TV on	50W
29.	Power Consumption - Standby	<0.5W

3 unit

39886

119658

9/3



9/3

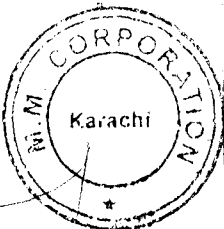
<p><b><u>SD Card 32 GB KINGSTON or Equivalent</u></b></p> <ul style="list-style-type: none"> <li>• <b>Capacities<sup>1</sup>:</b> 32 GB. Must work with HIKVISION 1.3 MP IP camera or Equipment</li> <li>• <b>Speed<sup>2</sup>:</b> Class 4 or above (Data writing speed 4MB/s or higher)</li> <li>• <b>Dimensions:</b> 11mm x 15mm x 1mm</li> <li>• <b>Operating temperature:</b> -25° C to 85° C</li> <li>• <b>Storage temperature:</b> -40° C to 85° C</li> <li>• <b>Voltage:</b> 3.3v</li> <li>• <b>Compliant:</b> with the SD Card Association specification</li> <li>• <b>Compatible:</b> with micro SDHC/SDXC host devices only</li> <li>• <b>Reliable:</b> lifetime warranty<sup>7</sup></li> </ul>	<p>1 unit</p>	<p>1151</p>	<p>1151</p>
<p><b>Total</b></p>		<p>1665880</p>	
<p><b>17% GST</b></p>		<p>283200</p>	
<p><b>Total Amount</b></p>		<p>1949080</p>	

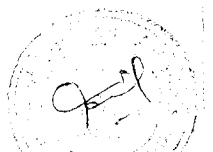
Total Amount Rupees (in words) One Million Nine Hundred  
Forty nine Thousand Eight hundred

**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 and Chinese version acceptable.
- Supplier should have office located in Karachi.
- Items should have local warranty.

75

  
 Stamp & Signature





# 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/3/2015-16
- 5) BRIEF DESCRIPTION OF CONTRACT Provide & Supply of Surveillance Equipment
- 6) FORUM THAT APPROVED THE SCHEME Procurement Committee
- 7) TENDER ESTIMATED VALUE Rs.2,000,000/-
- 8) ENGINEER'S ESTIMATE NA  
(For civil works only)
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 1 Month
- 10) TENDER OPENED ON (DATE & TIME) November 03, 2015 (3:30 pm)
- 11) NUMBER OF TENDER DOCUMENTS SOLD SEVEN  
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED THREE
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS THREE
- 14) BID EVALUATION REPORT Copy Enclosed  
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER (1)Digital Link (2) M.M. Corporation
- 16) CONTRACT AWARD PRICE Rs.1,492,131.32
- 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 Digital Links (Pvt) Ltd  
M/s M. M. Corporation

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

i) SPPRA Website (If yes, give date and SPPRA Identification No.)	Yes	October 16, 2015 and SPPRA ID # 6913/2015
	No	
ii) News Papers (If yes, give names of newspapers and dates)	Yes	Friday October 16, 2015 "Dawn", "Jang" & "Daily Pak"
	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"/>
-----	--------------------------	----	-------------------------------------

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"/>
-----	-------------------------------------	----	--------------------------

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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"/>
-----	-------------------------------------	----	--------------------------

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"/>
-----	-------------------------------------	----	--------------------------

31) ANY COMPLAINTS RECEIVED  
(If yes, result thereof)

Yes	
No	<input checked="" type="checkbox"/>

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

Yes	
No	<input checked="" type="checkbox"/>

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

Yes	
No	<input checked="" type="checkbox"/>

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

Yes	
No	<input checked="" type="checkbox"/>

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"/>
-----	-------------------------------------	----	--------------------------

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"/>
-----	--------------------------	----	-------------------------------------

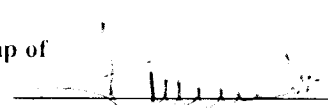
37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN  
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

38) SPECIAL CONDITIONS, IF ANY  
(If yes, give Brief Description)

Yes	
No	<input checked="" type="checkbox"/>

Signature & Official Stamp of  
Authorized Officer



Capt. (Retd) Ahmed Zaheer PN  
REGISTRAR  
Institute of Business Administration  
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

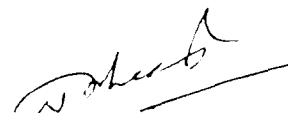
1. Name of Procuring Agency: Institute of Business Administration, Karachi
2. Tender Reference No: ME/03/15-16
3. Tender Description/Name of work/item: Provide & Supply of Surveillance Equipment
4. Method of Procurement: Single Stage One Envelope
5. Tender Published: October 16, 2015 on IBA, SPPRA web sites and leading newspapers Serial # 25551  
*Print & Electronic Media (SPPRA ID No. & News papers names with dates)*
6. Total Bid documents Sold; 7 Companies have collected Tender Documents
7. Total Bids Received: 03
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: November 03, 2015


### 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 Digital Links (Pvt) Ltd	Rs.1,250,782.65	Lowest only THREE Items	Rs.2,000,000.00	Accepted, due to lowest in THREE items. Comparative Statement is attached	
2.	M/s M. M. Corporation	Rs.241,348.77	Lowest only TWO Items	---	Accepted, due to lowest on TWO items	
3.	M/s Dawn Constructors	Rs. 2,447,406.00	Highest Bidder	---		
4.						

Signatures of the Central Purchase Committee, Members

  
 MEMBER  
 CENTRAL PURCHASE COMMITTEE  
 INSTITUTE OF BUSINESS ADMINISTRATION  
 KARACHI  
 Sajjad Jehangir  
 Assistant Manager  
 IBA

  
 CHAIRPERSON  
 CENTRAL PURCHASE COMMITTEE  
 INSTITUTE OF BUSINESS ADMINISTRATION  
 KARACHI  
 Dr. Nasir Mahmood  
 Professor  
 IBA

  
 MEMBER/EXPERT  
 CENTRAL PURCHASE COMMITTEE  
 INSTITUTE OF BUSINESS ADMINISTRATION  
 KARACHI  
 Harris Qureshi  
 SPPRA Advisor  
 HES



Institute of  
Business Administration  
Karachi

*Leadership and Ideas for Tomorrow*

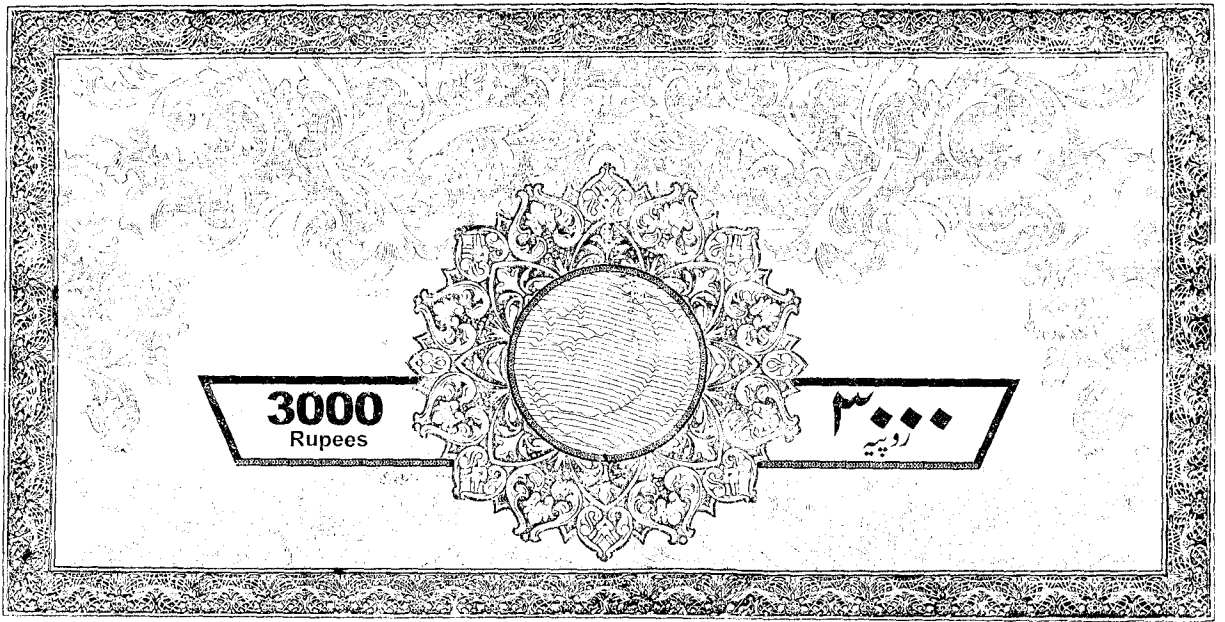
## List of Buyers

**Tender #** ME/03/15-16

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

**Number of Tender Documents Sold:** 07

S #	List of Buyers
01	M/s Dawn Construction
02	M/s Telecom Engineering Company
03	M/s Digital Links (Pvt) Ltd
04	M/s Acme Systems Engineering (Pvt) Ltd
05	M/s International Office Suppliers
06	M/s RESCO (Pvt) Ltd
07	M/s MMC Corporation



IS/MP OFFICE CITY COURT, KARACHI  
Forwarded to Palat 1  
City Supply Card No. 121  
VAT B/S No. 6 dated 17-11-15  
on behalf of Palat 1 Dt. 17-11-15  
for the purpose of ...  
S. No. 6 dated 17-11-15  
*[Signature]*  
S. Officer District



### AGREEMENT

THIS AGREEMENT is executed at KARACHI, on this \_\_\_\_\_ day of November, 2015.

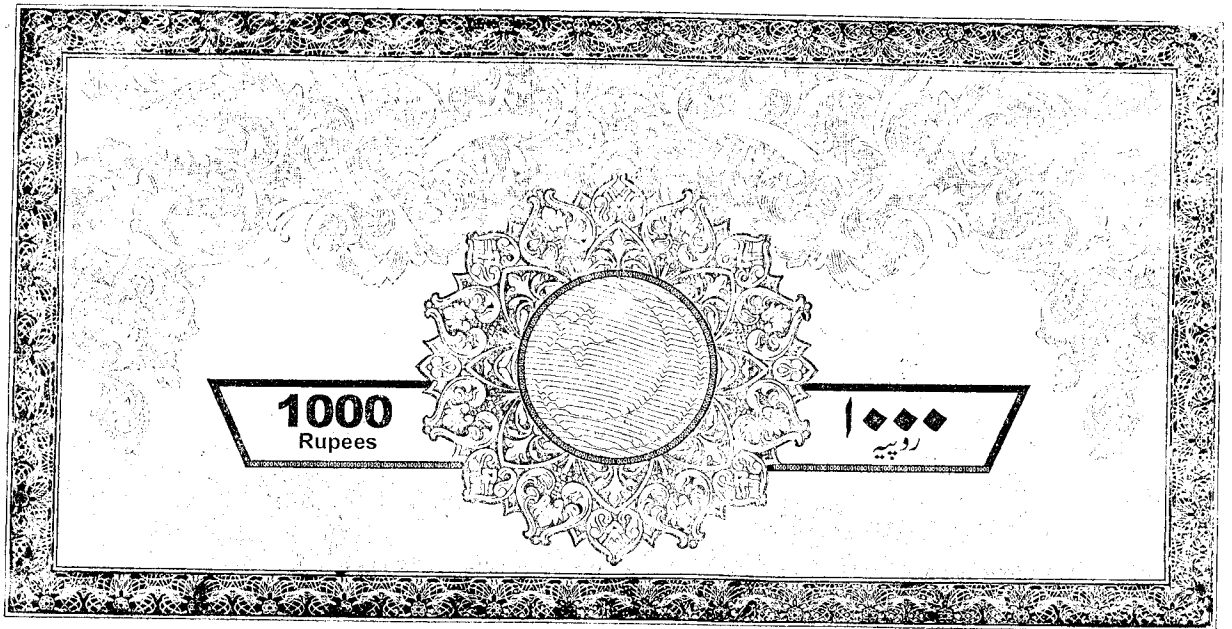
### BETWEEN

**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 Digital Links (Pvt) Ltd**, having its office at **Banglow # 45 9/2, 4<sup>th</sup> Sunset Street, D.H.A. Extension Phase II, Karachi**, 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 proprietor **Mr. Rizwan Qureshi**, holding CNIC No.42101-1803718-9 on the SECOND PART.

**WHEREAS** "IBA" intends to obtain of Surveillance Equipment tender # ME/03/15-16 to Provide & Supply Surveillance Equipment (IBA requirement) discussions in respect of the



GOVERNMENT OF SINDH  
SECRETARY, GOVT. OF SINDH, KARACHI  
21570  
TO THE DIRECTOR, GOVT. OF SINDH, KARACHI  
DATE: 20 NOV 2015

20 NOV 2015



--: 2 :-

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 THE PARTIES AS FOLLOWS:**

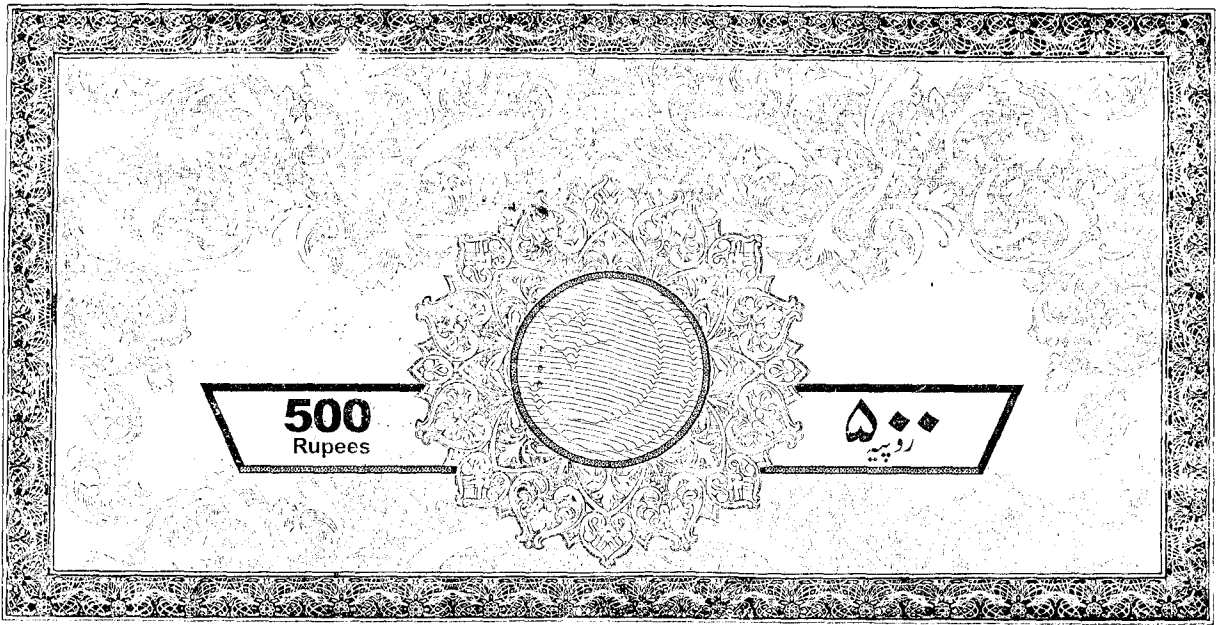
**WITNESSETH**

"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:**

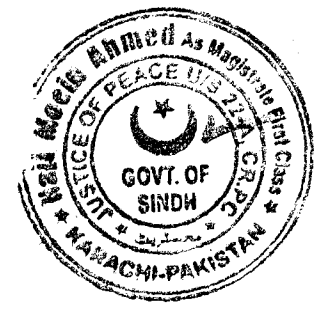
**DUTIES & SCOPE OF SUPPLIES & AGREEMENT**

1.1 This Agreement includes, the "Surveillance Equipment", discussions with "IBA" before the provide & supply of



21523

20 NOV 2015



-: 3 :-

1.2 Surveillance Equipment to "IBA". The description/Boq is appended below:

S. #	Description	Qty	Quoted Brand	Rate (Rs.)	Amount (Rs.)
1	IP Cameras 1.3 Mega Pixel	42 units	HIK Vision	Rs14,435.00	Rs606,270.00
2	32 Channel NVR	5 units	HIK Vision	Rs68,750.00	Rs343,750.00
3	LED - 32 inch	3 units	Samsung	Rs39,675.00	Rs119,025.00
<b>Total</b>				<b>Rs1,069,045.00</b>	
<b>17% GST</b>				<b>Rs181,737.65</b>	
<b>Total Amount</b>				<b>Rs1,250,782.65</b>	

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

1.4 "THE SUPPLIER" will coordinate their supplies with Manager Security, of the "IBA" who will assist "THE



1.5 SUPPLIER" in supervision of proposed Surveillance Equipment.

1.6 "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.

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

1.8 All logistic charges will be borne by "THE SUPPLIER"

## **ARTICLE II**

### **SCOPE OF PROFESSIONAL SERVICES:**



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.

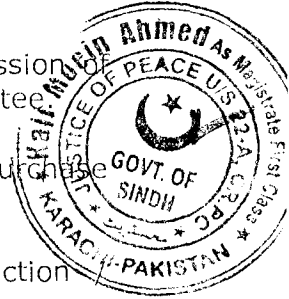
2.6 "THE SUPPLIER", will provide all required / necessary labor(s) / transportation(s) / cartage(s) what so ever required to complete the delivery of Surveillance Equipment at the cost/charges amount offered in the tender vide # ME/03/15-16.

## **ARTICLE III**

### **REMUNERATION**

3.1 The cost offered by the Supplier is Rs. 1,250,782.65 (inclusive of all taxes) Provide, Supply & of Surveillance Equipment but limited to in tender vide # ME/03/15-16 variation may occurred. The cost is inclusive of labor/transportation/supplier/etc.

- 3.2 A Penalty @ 2% per month, of the total agreed payment as per Purchase Order, of the total cost will be imposed in case of delayed delivery. Penalty will be imposed after 25 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 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**

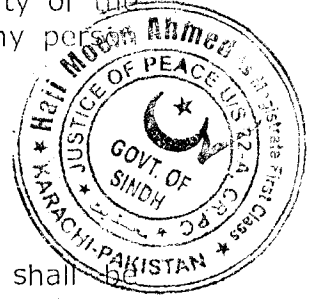
- 5.1 "IBA" may terminate this agreement if the job is not executed according to the requirement at anytime after issuing a 15 day's notice.

**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 Digital Links (Pvt) Ltd, 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 Digital Links (Pvt) Ltd 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 Digital Links (Pvt) Ltd 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 Digital Links (Pvt) Ltd as aforesaid for the purpose of obtaining or inducing procurement/work/service or other obligation or benefit in whatsoever from the IBA.

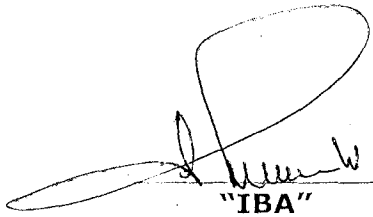


**ARTICLE IX:**


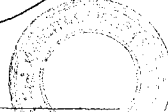
**MISCELLANEOUS**

- 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/03/15-16 will be the integral part of this agreement and can't be revoked.
- 9.6 One year warranty required 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"**  
NAME: CAPT. (RETD.)  
AHMED ZAHEER PN  
CNIC# \_\_\_\_\_

**M/S DIGITAL LINKS (PVT) LTD**  
NAME: RIZWAN QURESHI  
CNIC# 42101-1803718-9


Address:

REGISTRAR, INSTITUTE OF BUSINESS  
BANGALOW # 45 9/2,  
ADMINISTRATION MAIN CAMPUS  
UNIVERSITY ROAD, KARACHI

Address:


4<sup>TH</sup> SUNSET STREET, DHA EXT.  
PHASE II, KARACHI

**WITNESS:**


1.   
MUHAMMAD SHOAIB MOLANI  
S/O ABDUL B. SATTAR MOLANI  
CNIC NO. 42201-3320536-1  
ADD: 45- A/2, SUNSET CLUB,  
D.H.A., PHASE-II, KARACHI.



**ATTESTED**

  
MOOIN AHMED  
Justice of Peace  
As Magistrate  
Empowered U/S 22A CR.P.C.  
Karachi, Pakistan

20 NOV 2015

2.   
ARMUGMAN HALEEM  
CNIC NO. 42201-1706244-1  
ADD: 45- A/2, SUNSET CLUB,  
D.H.A., PHASE-II, KARACHI.



**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	Rate (Rs.)	Amount (Rs.)
1	Hard Disk 4 TB	10 units	Seagate	Rs20,513.00	Rs205,130.00
2	SD Card 32GB	1 unit	Kingston	Rs1,151.00	Rs1,151.00
<b>Total</b>				<b>Rs206,281.00</b>	
<b>17% GST</b>				<b>Rs35,067.77</b>	
<b>Total Amount</b>				<b>Rs241,348.77</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:**

- 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 SUPPLLIER", 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/03/15-16.

**Article III**  
**REMUNERATION**

- 3.1 The cost offered by the Supplier is Rs. 241,348.77 (inclusive of all taxes) Provide, Supply & of Surveillance Equipment but limited to in tender vide # ME/03/15-16 variation may occurred. The cost is inclusive of labor/transportation/supplier/etc.
- 3.2 A Penalty @ 2% per month, of the total agreed payment as per Purchase Order, of the total cost will be imposed in case of delayed delivery. Penalty will be imposed after 25 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 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 M. M. Corporation, 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 M. M. Corporation Ltd 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 M. M. Corporation 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 M. M. Corporation 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/03/15-16 will be the integral part of this agreement and can't be revoked.
- 9.6 One year warranty required 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"

NAME: Capt. (Retd.) Ahmed Zaheer PN

CNIC # \_\_\_\_\_

Address:

Registrar, Institute of Business  
Administration Main Campus  
University Road, Karachi

WITNESS:

1. \_\_\_\_\_

M/S M/s M. M. CORPORATION

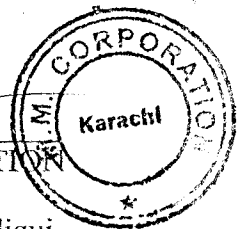
NAME: Jameel Ahmed Siddiqui

CNIC # 42201-6967796-7

Address:

A-13, Al-Hilal Society Opp  
Askari Park,  
Karachi

2. Mohammad Rehan



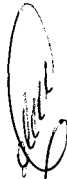
## Bid Evaluation Report

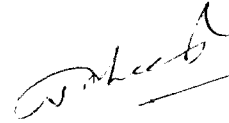
1. Name of Procuring Agency: Institute of Business Administration, Karachi
2. Tender Reference No: ME/03/15-16
3. Tender Description/Name of work/item: Provide & Supply of Surveillance Equipment
4. Method of Procurement: Single Stage One Envelope
5. Tender Published: October 16, 2015 on IBA, SPPRA web sites and leading newspapers Serial # 25551  
*Print & Electronic Media (SPPRA ID No. & News papers names with dates)*
6. Total Bid documents Sold: 7 Companies have collected Tender Documents
7. Total Bids Received: 03
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: November 03, 2015


### 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 Digital Links (Pvt) Ltd	Rs.1,250,782.65	Lowest only THREE Items	Rs.2,000,000.00	Accepted, due to lowest in THREE items. Comparative Statement is attached.	
2.	M/s M. M. Corporation	Rs.241,348.77	Lowest only TWO Items	---	Accepted, due to lowest in TWO items.	
3.	M/s Dawn Constructors	Rs. 2,447,406.00	Highest Bidder	---		
4.						

**Signatures of the Central Purchase Committee, Members**

  
 Syed Saad Ali  
 Assistant Manager  
 I.B.A

  
 Dr. Nisar Farooq  
 Professor  
 I.B.A

  
 Hameed Qureshi  
 SPPRA Advisor  
 H.E.S

**Provide & Supply of Surveillance Equipment  
Comparative Statement  
Tender # ME/03/15-16**

S. #	Description	Qty	Brand	M/s Digital Links (Pvt) Ltd		M/s M. M. Corporation		M/s Dawn Constructors			
				Quoted Brand	Rate (Rs.)	Amount (Rs.)	Quoted Brand	Rate (Rs.)	Amount (Rs.)	Quoted Brand	Rate (Rs.)
1	IP Cameras 1.3 Mega Pixel	42 units	HIK Vision or Equivalent	Rs14,435.00	Rs606,270.00	Dahua	Rs22,678.00	Rs952,476.00	HIK Vision	Rs23,200.00	Rs974,400.00
2	32 Channel NVR	5 units	HIK Vision or Equivalent	Rs68,750.00	Rs343,750.00	Dahua	Rs77,493.00	Rs387,465.00	HIK Vision	Rs128,000.00	Rs640,000.00
3	Hard Disk 4 TB	10 units		Rs21,590.00	Rs215,900.00	Seagate	Rs20,513.00	Rs205,130.00		Rs32,800.00	Rs328,000.00
4	LED 32 inch	3 units	Samsung or Equivalent	Rs39,675.00	Rs119,025.00	Samsung	Rs39,886.00	Rs119,658.00	Samsung	Rs48,800.00	Rs146,400.00
5	SD Card 32GB	1 unit	Kingston or Equivalent	Rs1,530.00	Rs1,530.00	Kingston	Rs1,151.00	Rs1,151.00	Kingston	Rs3,000.00	Rs3,000.00
<b>Total</b>				Rs1,286,475.00	Rs1,665,880.00		Rs1,665,880.00			Rs2,091,800.00	
<b>17% GST</b>				Rs218,700.75			Rs283,199.60			Rs355,606.00	
<b>Total Amount</b>				Rs1,505,175.75			Rs1,949,079.60			Rs2,447,406.00	

M/s Digital Links (Pvt) Ltd	M/s M. M. Corporation
Rs1,069,045.00	Rs206,281.00
Rs181,737.65	Rs35,067.77
Rs1,250,782.65	Rs241,348.77

<b>Itemized Total</b>	1,275,326.00
<b>17% GST</b>	216,805.42
<b>Itemized Grand Total Amount (Inclusive of GST)</b>	1,492,131.42

*[Signature]*

MEMBER COMMITTEE  
CENTRAL PURCHASE COMMISSION  
STATE OF PUNJAB ADMINISTRATION  
Lahore

*[Signature]*  
MEMBER EXTERNAL  
CENTRAL PURCHASE COMMISSION  
STATE OF PUNJAB ADMINISTRATION  
Lahore

## Muhammad Hanif / Executive I (Purchase) @ Main Campus

**Subject:** SPPRA PC Approval

**From:** Muhammad Sohail Khan / Manager Purchase and Stores @ IBA  
**Sent:** Saturday, November 07, 2015 11:28 AM  
**To:** Muhammad Hanif / Executive I (Purchase) @ Main Campus  
**Subject:** FW: Item # 1

Pls process further necessary action.

**From:** Syed Jehanzeb / Asst. Manager Finance (Projects) @ Main Campus  
**Sent:** Saturday, November 07, 2015 10:37 AM  
**To:** Muhammad Sohail Khan / Manager Purchase and Stores @ IBA  
**Cc:** Procurement Committee; Dr. Ishrat Husain / Dean & Director @ IBA  
**Subject:** Item # 1

Item # 1: Approval for Provide & Supply of Surveillance Equipment

Discussion: The user confirm the specification of IP cameras and NVR offered by the Lowest evaluated bidder.

Decision: The committee approved the award of tender for IP Surveillance Equipment on itemized basis to M/s Digital Links and M/s M.M Corporation at Rs.1,492,131.42.

M/s Digital Links (Pvt) Ltd	M/s M. M. Corporation
Rs1,069,045.00	Rs206,281.00
Rs181,737.65	Rs35,007.77
Rs1,250,782.65	Rs241,348.77
<b>Itemized Total</b>	<b>1,275,326.00</b>
<b>17% GST</b>	<b>216,805.42</b>
<b>Itemized Grand Total Amount (Inclusive of GST)</b>	<b>1,492,131.42</b>

Attendance:

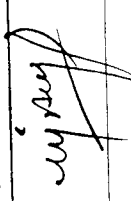
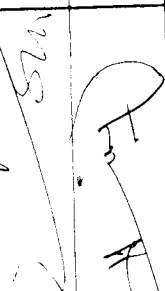

1. Dr. Nasir Touheed
2. Syed Jehanzeb
3. Haris Quershi
4. Asjad Asad Siddiqui
5. Ahmed Ali Khan
6. Khalid Rishi
7. Muhammad Sohail Khan

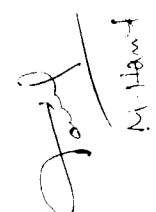
Syed Jehanzeb  
Secretary Procurement Committee


**Institute of Business Administration - Karachi**  
**Tender Opening**  
**November 3, 2015**  
**at 3:30 pm**

Statement of Tender for: Provide & Supply of Surveillance Equipment

Tender #: ME-03/15-16

S. #	Company Name	Tender Amount in Figures / in Words	Conditions, if any	Earnest Money Pay Order No. / Amount & Date	Contractors / Representative Signature	Remarks
1	Digital Links (Pvt) Ltd	Rs 1,505,175/-		11318321 Alhuda Bank Rs 77,500/- Oct 30, 2015 BOC 3265 Band Algalah		
2	Mediana Construction	Rs 2,447,406/-		Rs 122,370/- Nov 3, 2015 00825232 Alhuda Bank		
3	MMMC	Rs 1,949,080/-		Rs 97,500/- Nov 03, 2015		

  
M. Sohail Khan  
Purchase Executive

  
**ABDUL KHALID**  
Tendering & Protocol Officer (BS-171)  
Institute of Business Administration  
Karachi-75270

**M. SOHAIL KHAN**  
Manager Purchase & Stores  
Institute of Business Administration  
Karachi-Pakistan

**SECURE**



YOUR SECURITY

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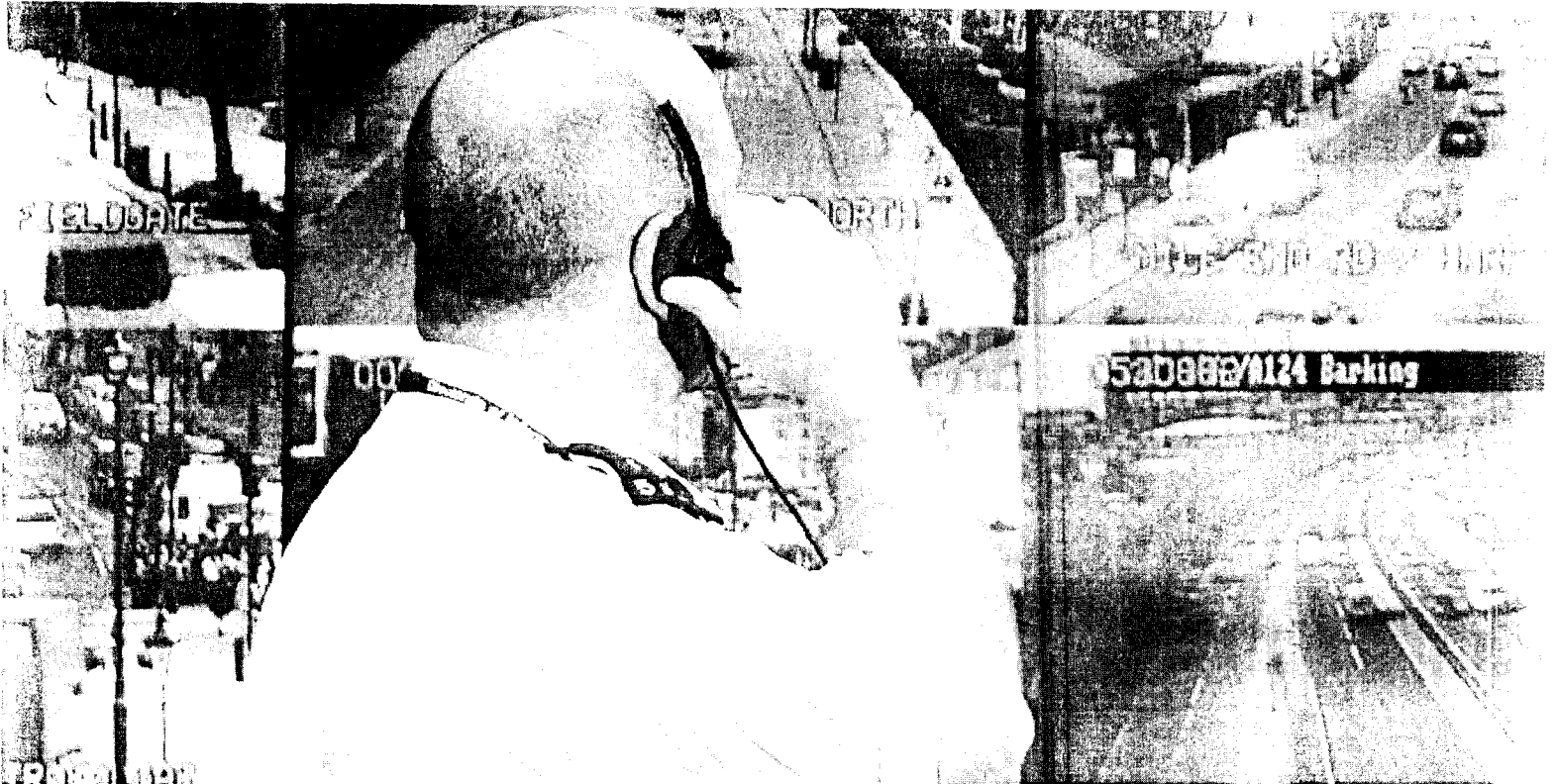


"Digital Links" has been working in communication sector since 1992 to provide security solutions. (Because of our dedication and brilliant performance). The company was awarded sole distribution & resellership for Pakistan by Hikvision, Anviz, IPTEC, Cross Point, SOCA, HID, Win4Net and SOEST for their range of security products. We offer preeminent and APT solutions catering to the specific needs of the businesses of our valued customers. We are sure that with our state of the art and technical approach towards your needs, we will be able to make you join our growing list of satisfied customers.

Assurance of providing the best customized technical solution and services keeping in view the economic viability of our customers and supply of equipment through our global network of business associates, indicates our market position. Digital Links considers its great team as the core strength working round the clock for its valuable customers. Pre-sales assistance and post-sales services are a reflection of our commitment.

Digital Links has maintained an integrated system that ensures the company's honest commitment to become a responsible corporate citizen. It includes quality, environment, health, safety and community covers all activities and aspects of the business. Talent, creativity and dedication of our employees is the key to our efforts and determination. Our services offer endless possibilities to achieve higher standards that contribute directly to the growth of people around us.

# INTELLIGENT VISUAL SURVEILLANCE

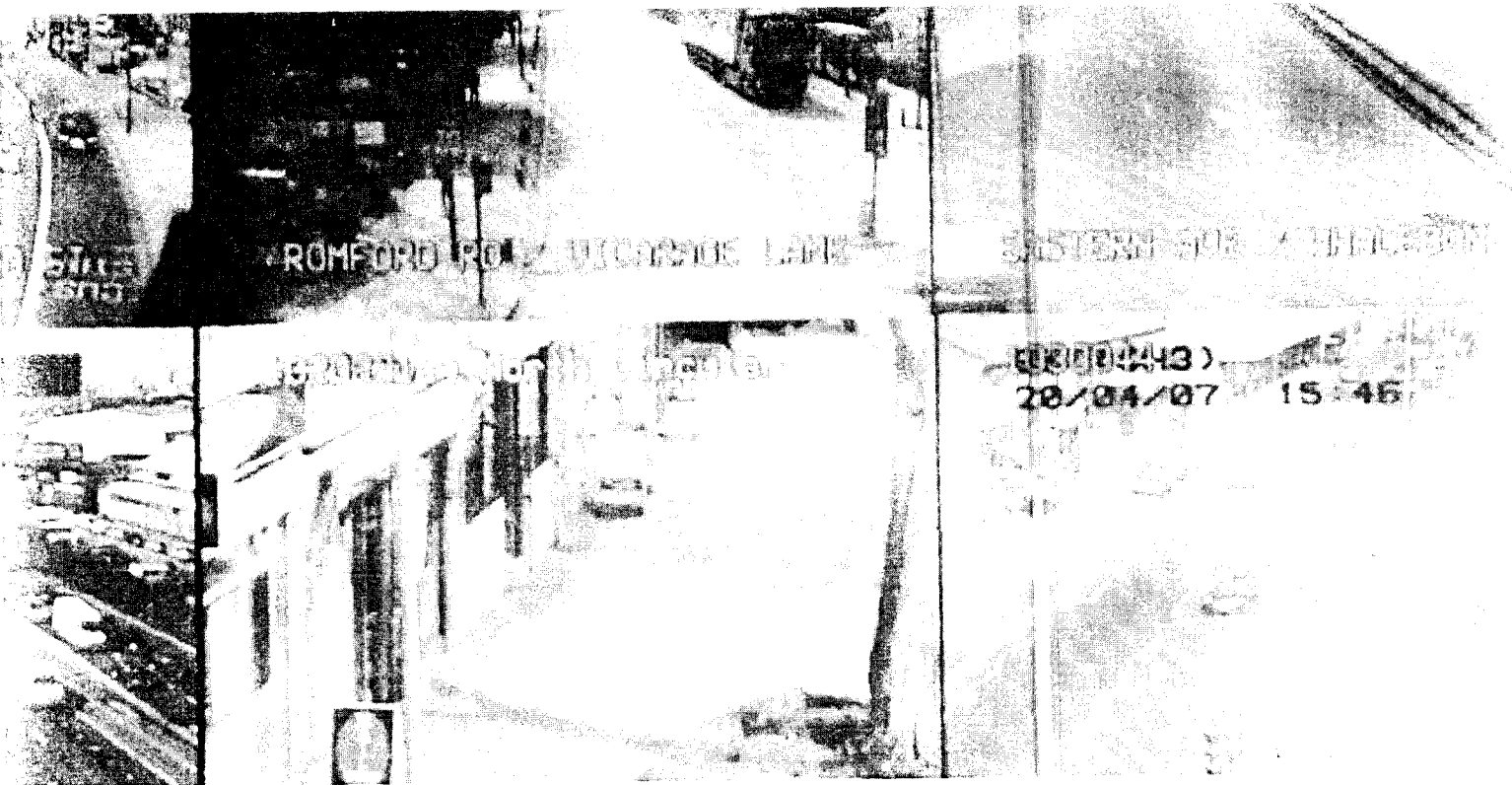


## VISUAL SURVEILLANCE

“The third person narrator, instead of being omniscient, is like a constantly running surveillance tape”

*Andrew Vachss*

Visual Surveillance is the monitoring of the behavior, activities or other changing information, usually of people for the purpose of influencing, managing, directing, or protecting them. This can include observation from a distance by means of electronic equipment (such as CCTV cameras) and it can include simple, relatively no or low technology methods such as human intelligence agents and postal interception. Visual surveillance is rapidly expanding its role in retail loss prevention and asset protection in all the industries. Through VMS various benefits can be achieved in the form of improved productivity and security.



Surveillance is essential to government and law enforcement agencies to maintain social order, to identify, monitor threats and prevent / investigate criminal activity. Advanced visual surveillance systems do not just track moving objects but also interpret their patterns of behavior.

Medical Science proves that a human brain cannot concentrate simultaneously on more than 10-12 inputs for more than 10 minutes and that is the dilemma with conventional CCTV Surveillance Systems.

A video surveillance system must be able to alert the staff to the viewer present in the control room of any breach of pre-defined set of video surveillance rules at any time, 100 or more cameras can be monitored.

- Motion Detection
- Object Missing
- Line Crossing
- Area Protection
- People Count
- Vehicle Count
- Speed check
- Temperature Detection
- Government Buildings
- Military Bases
- Educational Institutes
- Shopping Centers
- Casinos & Entertainment
- Airports
- Industry
- Manufacturing

# BIOMETRICS & RFID



## BIOMETRICS & RFID

“In digital era,  
privacy must  
be a priority. Is  
it just me, or is  
secret blanket  
surveillance  
obscenely  
outrageous”

*Ai Gore*

Biometrics is the science and technology of measuring and analyzing biological data. In information technology, biometrics refers to technologies that measure and analyze human body characteristics, such as DNA, Fingerprints, Eye retina (Iris), Voice patterns, Facial patterns and Hand measurements for authentication purposes.

Radio frequency identification (RFID) is a generic term that is used to describe a system that transmits the identity of an object or person wirelessly using radio waves such as Access management and Attendance devices.



# LATEST PRODUCTS

## NEW

### PRODUCT

#### MODEL

#### DESCRIPTION

#### FEATURES

#### APPLICATIONS

#### CONTACT

#### SALES

#### INFORMATION

#### FOR

#### DETAILS

#### PLEASE

#### CONTACT

#### OUR

#### SALES

#### DEPARTMENT

#### OR

#### CALL

#### 1-800-555-1234

#### EXT. 1234

#### OR

#### WRITE

#### TO:

#### SALES

#### DEPARTMENT

#### 1234

#### STREET

#### NEW YORK

#### NY 10001

#### USA

#### OR

#### CALL

#### 1-800-555-1234

#### EXT. 1234

#### FOR

#### DETAILS

#### PLEASE

#### CONTACT

#### OUR

#### SALES

#### DEPARTMENT

#### OR

#### CALL

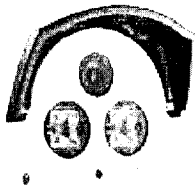
#### 1-800-555-1234

#### EXT. 1234

#### OR

#### WRITE

#### TO:



## Key Features

### • 1.3MP

### • 1/4" CCD

### • 10FPS

### • 10FPS

### • 10FPS

### • 10FPS

### • 10FPS

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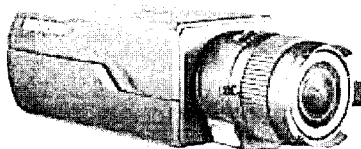
### • 10FPS

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### • 10FPS





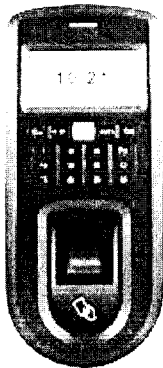


# LATEST PRODUCTS

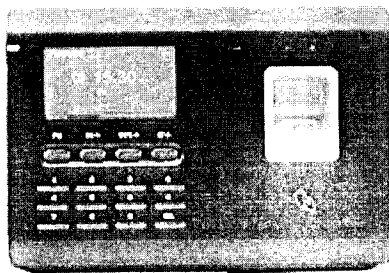
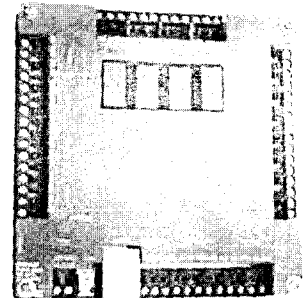
**Key Features**  
 • 4 standard relays  
 • 4 relays output  
 • 4 relays input  
 • 4 relays output  
 • 4 relays input



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 • 4 standard relays  
 • 4 relays output  
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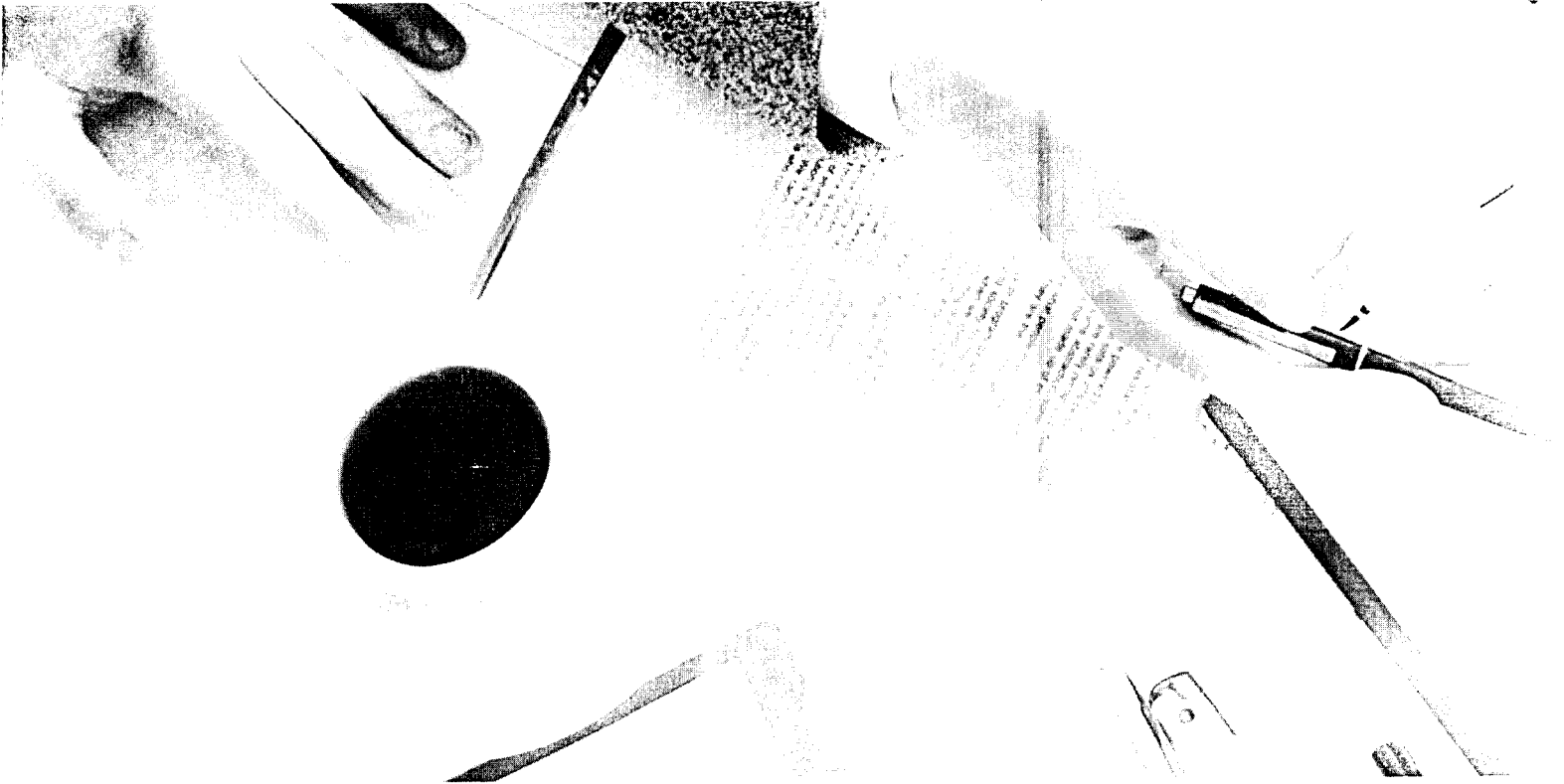
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# BOARD OF DIRECTORS



- Major General (Retd) M Saleem Khan (Chairman)
- Mr. Kamran Rashid (COO)
- Mr. Saleem Qureshi (Director Finance)
- Mr. Aamir Malik (Director Marketing)
- Major (Retd) Ahmer Dilshad (Director Operations)

“ Companies that grow for the sake of growth or that expand into areas outside their core business strategy often stumble. On the other hand, companies that build scale for the benefit of their customers and shareholders more often succeed over time.”

Jamie Dimon, President and CEO of JPMorgan Chase



**BRANCH OFFICES**

BRANCH OFFICES

1

2

3

4

46 Garden Block  
New Garden Town  
Lahore  
UAN: 111-44-33-55  
Fax: 042-35830812  
email: info@digitallinks.biz  
www.digitallinks.biz

5 - Alnoor Plaza  
Moti Ram Road  
Quetta  
081-2822005 – 2825996  
081-2815997  
email: info@digitallinks.biz  
www.digitallinks.biz

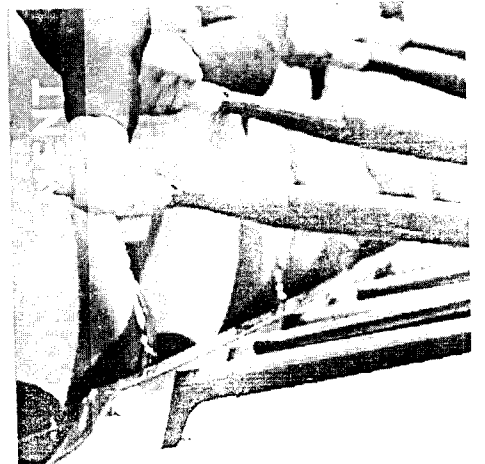
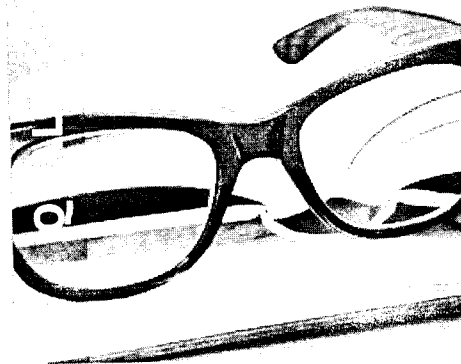
45 / A-2 4th Sunset Street  
Behind Sunset Club, DHA  
Phase II, Karachi  
UAN: 111-44-33-55  
Fax: 042-35830812  
email: info@digitallinks.biz  
www.digitallinks.biz

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+971-4-286-9071  
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051-4444655  
email: info@digitallinks.biz  
www.digitallinks.biz

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Highway  
Kabul  
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+93-799-346000  
email: info@digitallinks.biz  
www.digitallinks.biz

YOUR SECURITY





# TAXPAYER REGISTRATION CERTIFICATE

ORIGINAL

NTN: 3086079-5  
 Category: [unclear]  
 Status: [unclear]  
 Reg. No: [unclear] Reg. Line Date: [unclear]  
 Name: [unclear]  
 Address: [unclear]  
 Principal Activity: [unclear]  
 Other Activities: [unclear]

Registered for: Income Tax w.e.f. 30/04/2012  
 Sales Tax w.e.f. 30/04/2012  
 EXPORTER, IMPORTER, WHOLESALER

Representative's CNIC: NTN [unclear]  
 Name: [unclear]  
 Email Address: [unclear]

Tax Office: [unclear]

Business Name: [unclear]  
 [unclear]  
 [unclear]

This certificate is to be prominently displayed at a conspicuous place of  
 the premises of your business. Well Graph Registration NTN  
 [unclear]  
 NOTE: [unclear]



Date of Printing: [unclear]

[unclear]  
 [unclear]



# Major Clients







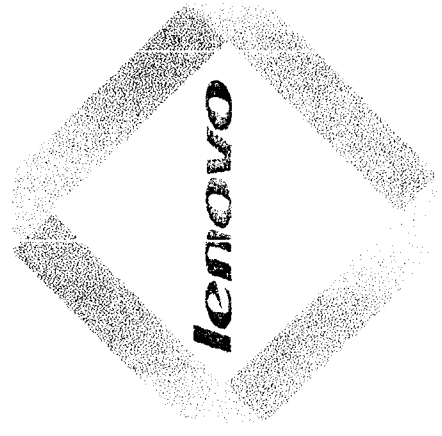
# LENOVO BUSINESS PARTNER

## MM Corporation

PAKISTAN

In recognition of your continued  
commitment to excellence in delivering  
Lenovo solutions.

Mohammed Hilali  
General Manager, Gulf & KSA  
Lenovo Middle East & Africa



**GOVERNMENT OF PAKISTAN  
REVENUE DIVISION  
CENTRAL BOARD OF REVENUE**

**NATIONAL TAX NUMBER CERTIFICATE**

(Issued under section 20 of the Finance Act, 1999)

National Tax Number (NTN)      2312412-1

Name:      MUHAMMAD MUQEEM

Address:      M.M.CORPORATION  
1ST FLOOR SHAIKH ARIF BUILDING DARYALAL  
STREET JODIA BAZAR  
KARACHI

Status/Nature:      Business Individual

NIC/Firm Reg./Company Inc.Number:      New NIC : 4220153060655

*This certificate shall be prominently displayed at a conspicuous place of the premises in which business or work for gain is carried on. It is also required to be indicated on the signboard wherever it is affixed.*

20/06/2005

Chairman

GOVERNMENT OF PAKISTAN  
COLLECTORATE OF SALES TAX  
COLLECTORATE OF SALES TAX & CENTRAL EXCISE (WEST ZONE)

CERTIFICATE OF REGISTRATION  
(Under Sales Tax Act, 1990)

(01) NAME M/S. M.M. CORPORATION.  
(02) ADDRESS SHAIKH MUHAMMAD ARIF BLDG, DARIYA LAL STREET, JODIA BAZAR,  
KARACHI.

(03) You have been registered as:

Manufacturer  Importer  Exporter  
 Distributer  Wholesaler  Retailer  
 Ship Breakers

This means that you must:

- (i) Charge Sales Tax on all taxable supplies made during the course of taxable activity.
- (ii) File a return in the designated bank relating to a month on or before the 15th of the following month.
- (iii) File a Nil - Return even if no taxable activity takes place during the current tax period.
- (iv) Abide by provisions of Sales Tax Act, 1990, and rules made there under.

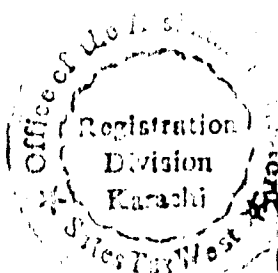
(04) Your Sales Tax Registration Number is:

11-00-2900-452-82

(05) Date of Registration: 22-AUG-2000

(22nd OF August Two Thousand)

(06) This number must be shown in the tax return and on all the invoices issued by you and quoted in all your correspondence with the Sales Tax Department.



*Saeed Durrani*  
ASSISTANT COLLECTOR (Sales Tax)  
Registration & Information Division

Book No. B 03613

Serial No. B 361277

# MEMBERSHIP CERTIFICATE

MEMBERSHIP NO. 48632

Name & address of Chamber **Karachi Chamber of Commerce & Industry**  
Association: Alwan-e-Tijarat Road, Off: Shahrah-e-Liaquat, Karachi-74000, Pakistan

(Affiliated with the Federation of Pakistan Chambers of Commerce & Industry)

**M.M. CORPORATION**

**CERTIFIED** that  
Shaikh Arif Building, 1st Floor, Daryalal Street, ~~Media Bazar, Karachi~~ Firm / Company

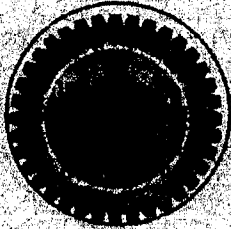
G.S.T. No. 11-00-2800-452-82

N.T.N. No.

2312412

is a member of this Chamber  
Association

**THIS CERTIFICATE** shall be valid upto the **31-MARCH-2016** unless  
(date)  
otherwise notified to the NTN / GST Registration authority / Scheduled Bank  
concerned.



Given on this **1st** day of **APRIL** 20**14**

Signature of Secretary General

Countersigned by

(name and designation)

Managing Committee