



**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 & Paise Seventy Seven Only)

S. #	DESCRIPTION	QTY	RATE (RS.)	AMOUNT (RS.)
	<u>Hard Disk Surveillance grade Seagate</u>			
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 ¹⁴			
12.	Limited warranty (years) ⁵ 3	10		
13.	Average power requirements (W)	units	Rs.20,513.00	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) ⁷			
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			

	<p>30. Weight (lb./kg, $\pm 10\%$) 1.50/0.68</p> <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 & ATA streaming support.</p> <p>Supports up to eight drives.</p>			
2	<p><u>SD Card 32 GB KINGSTON</u></p> <ul style="list-style-type: none"> • Capacities¹: 32 GB. Must work with HIKVISION 1.3 MP IP camera or Equipment • Speed²: 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 warranty³ 	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.



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), 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, 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