



No. PMU (BOR) PO/50-62/ 2011
 Project Management Unit
 Board of Revenue, Punjab
 Ph: 042-37581648 Fax: 042-37522498

Dated Lahore 19th December, 2011

To

M/S-----

Subject: **RFQ FOR PROVISION & INSTALLATION OF SECURITY CAMERA SYSTEM AT EIGHT (8) LOCATIONS**

Land Records Management & Information Systems Project is a World Bank assisted project of the Board of Revenue, Government of the Punjab. The PMU (LRMIS) intends to purchase Security Camera System for the Service Centers at eight (8) locations during the implementation of this project. You are requested to provide a quotation for the supply and installation of Security Camera System with the following specifications:

Sr.	Item	Quantities Required for								
		LHR City	HF	PB	LOD	LHR Cantt	LHR Shlmr	JH	MBD	TOTAL
1.	Provision & Installation of High Resolution Weatherproof Outdoor IP Camera with detail specifications tabulated separately	1	1	1	1					4
2.	Provision & Installation of High Resolution Indoor IP Camera with detail specifications tabulated separately	5	3	3	3	2	2	2	2	22
3.	Provision & Installation of 16CH Embedded Linux NVR with 2TB HDD including CMS Software with detail specifications tabulated separately	1	1	1	1					4
4.	LCD Monitor 18.5" for display	1	1	1	1					4
5.	Provision & Laying of UTP-CAT-6 Cable with PVC piping, ducting and fitting (To be paid as per actual)	350 RFT	350 RFT	350 RFT	350 RFT	100 RFT	100 RFT	100 RFT	100 RFT	1800 RFT

6.	Provision & Installation of 8-Port Switch with PoE (all ports)	1	1	1	1					4
7.	Provision & Installation of 16-Port Switch with PoE (all ports)	1	1	1	1					4
8.	Provision & Installation of 650 VA UPS with detail specifications tabulated separately	1	1	1	1					4
Sr	DESCRIPTION									
01	Provision & Installation of High Resolution Weatherproof Outdoor IP Camera with testing & commissioning <ul style="list-style-type: none"> • Internet Protocol Version: IPv4, IPv6 • Power on Ethernet (PoE): Yes • Varifocal Auto Iris Lens: 3.3~10mm • Digital Zoom: 12x - 16x • Day & Night: Auto Day & Night • Min. Illumination: 0.4 Lux (Color), 0.4 Lux (B/W) • Imaging Device: 1/3" CCD / 1/4" CMOS Mega Pixel • Video Compression: H.264 • Video Format: 25-30fps • Video Resolution: PAL 795(H) x 596 (V) total pixels or higher • Horizontal Resolution: 540TV lines (Color) or higher • Scanning System: Progressive • Input Voltage / Current: 12V DC, 24V AC, PoE • IP66 weather proof Housing: Yes 									
02	Provision & Installation of High Resolution Indoor IP Camera with testing & commissioning <ul style="list-style-type: none"> • Internet Protocol Version: IPv4, IPv6 • Power on Ethernet (PoE): Yes • Varifocal Auto Iris Lens: 3.3~10mm • Digital Zoom: 12x - 16x • Day & Night: Auto Day & Night • Min. Illumination: 0.4 Lux (Color), 0.4 Lux (B/W) • Imaging Device: 1/3" CCD / 1/4" CMOS Mega Pixel • Video Compression: H.264 • Video Format: 25-30fps • Video Resolution: PAL 795(H) x 596 (V) total pixels or higher • Horizontal Resolution: 540TV lines (Color) or higher • Scanning System: Progressive • Input Voltage / Current: 12V DC, 24V AC, PoE 									

03	<p>Provision & Installation of 16-CH Embedded Linux NVR with 2-TB HDD including CMS software & HDMI Output for LCD Display</p> <ul style="list-style-type: none"> • NVR: 8/16 Channel • Operating System: Embedded Linux • Compression: H.264, MPEG-4, MJPEG • Recording Bit Rate: 48 Mbps or higher • 4CIF high resolution: 25-30 fps per Channel or higher • Network: Gigabit Ethernet x 1 • Protocol Support: TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP • Internal Storage: 4 SATA HDDs or higher • External Storage: HDD eSATA interface • USB (Back up): 2 USB ports or more • CMS Software: Same brand with testing, commissioning, and training • RAID: 0, 1, 5, 10 	
04 05 06 07	<p>Provision & Installation of</p> <ul style="list-style-type: none"> • LCD Monitor 18.5” for display • UTP-CAT-6 cable with PVC piping, ducting, & fitting of appropriate size • 8-Port Switch with PoE (all ports) • 16-Port Switch with PoE (all ports) 	
08	<p>Provision & Installation of 400Watt/650VA UPS with Battery</p> <ul style="list-style-type: none"> • Capacity: 650VA / 500Watt or higher • Form factor: Small / Mini Tower • Topology: Standby • Surge Projection: Required • Back Time: 5 Minutes on full load (400Watt) • Status Display: LED/LCD Status Display • Alarm: Should indicate Battery in use, Battery discharged, UPS fault/overload • Battery: Maintenance Free Dry Battery • Power Cables: 1 x Power Cable (3 Pin) 4 x Power Cable (Male / Female) • Wave Form: Stepped approx. to sine-wave 	

TERMS AND CONDITIONS.

1. DELIVERY SECHEDULE

Sr.	LOCATION	DELIVERY / INSTALLATION TIME
1	Lahore Cantt	1 Week
2	Lahore Shalimar	1 Week
3	Jhelum	2 Week
4	Mandi Bahauddin	2 Week
5	Lahore City	1 Week
6	Hafizabad	1 Week
7	Pindi Bhattian	2 Week
8	Lodhran	2 Week

2. QUALIFICATION CRITERIA

- Manufacturer or authorized sales & service dealer of quoted brand
- Minimum 5-years experience of provision & installation of CCTV System
- GST and NTN registered
- Minimum Annual sales of Rs.10 Million for the last 2-years with list of important projects undertaken during last 5-years (copy of Audit Report required for two financial years / Tax Return documents)
- Technical brochure of the quoted equipment
- Must specify the brand-name, model and country of origin
- Certificate by the company that the spare-parts are either available in the market or from company's outlets in Pakistan
- Must have after sales & service facility

3. ELIGIBLE COUNTRIES

This Invitation for Bids is open to all suppliers from eligible source countries as defined in *Guidelines: Procurement under IBRD Loans and IDA Credits*, dated January 1995, hereinafter referred as the *IBRD Guidelines for Procurement*, except as provided on the World Bank website hereinafter.

<http://web.worldbank.org/WBSITE/EXTERNAL/PROJECTS/PROCUREMENT/0,,contentMDK:20063147~pagePK:84269~piPK:84286~theSitePK:84266,00.html>

In addition, bidders, goods, and services from following countries or territories are ineligible in accordance with the provisions of paragraph 1.8(a) of the *Guidelines: Procurement under IBRD Loans and IDA Credits*.

- i. Israel

4. The PMU will not be responsible for any costs or expenses incurred by the firms in connection with the preparation or delivery of quotations.

5. The PMU reserves the right to accept or reject one or all the quotations either fully or partially without assigning any reason thereof.

6. The quoted prices should be valid for 15 days.

7. The quoted prices must include all applicable taxes and delivery charges at destination. If not specifically mentioned in the quotation, it will be presumed that the quoted prices include all applicable taxes, delivery charges and are valid for 15 days.
8. The bidder must offer one (1) year comprehensive parts & labor warranty at site.
9. The PMU may increase or decrease the quantities of any / all items up to 15% at the quoted prices.
10. In case of failure to complete the work in stipulated time period, the 'Purchase Order' may be cancelled, and the firm may not be allowed to participate in future tenders. Moreover Liquidated damages will be imposed @ 0.5% of the contract price per week for late completion of work.
11. Any conditional quote will be rejected.
12. If so desired, please offer your quotation latest by **31.12.2011**

Procurement Officer
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