

Bid Evaluation Report

Punjab Land Records Authority (PLRA)

Procurement of IP Cameras, Time & Attendance Devices and Air Blower for PLRA ARCs



Govt. of the Punjab

Lot Wise Technical and Qualification Evaluation

Lot #	Lot Detail	Company Name	Responsiveness	Qualification	Responsive and Qualified
1	IP Cameras, Surveillance Hard Drives and Video Management System	Nashuatec Center	Yes	Yes	Yes
		Vital International	Yes	Yes	Yes
		Arista Solutions	No	No	No¹
2	Time & Attendance Devices	Digital Links	Yes	Yes	Yes
		Megaplus	Yes	Yes	Yes
		Integrated Network Solutions(INS)	Yes	Yes	Yes
		Vital International	Yes	No	No ²
3	Air Blower	Integrated Network Solutions(INS)	Yes	Yes	Yes
		Sakon Engineering	Yes	Yes	Yes

¹ Bidder M/s Arista Solutions has submitted Bid with open financial proposal, contrary to clause 3 under Invitation of Bids “Bidding shall be conducted through Open Competitive Bidding. “Single Stage Two envelop” (Technical and Financial bids) procedure as laid down under Rule 38, sub-rule 2(a) of Punjab Procurement Rules (amended Jan 2016) shall be used”. Hence, M/s Arista Solutions is declared as Dis-qualified against Lot-1.

² M/s Vital International has not submitted Manufacturer Authorization Letter (MAL) from Principal Supremea along with bid, bidder was requested the same via letter vide no. PLRA/ DD(PROC)/23-01/2018 dated 23rd Jan, 2018 but bidder failed to provide MAL from principal. Bidder provided distributor letter of Limton Innovative Systems despite of required MAL from Principal, hence committee recommended to consider M/s Vital International as dis-qualified against this lot.

Lot Wise Technical Evaluation

LOT-1(IP Cameras, Surveillance Hard Drives and Video Management System)

Lot 1.a	IP Cameras (In-door) QUANTITY = 305	Vital International	Nashuatec Centre
Sr. #	Description	Dahua IPC-HDBW4431E-AS	Hikvision DS-2CD1143G0-I
1.	4MP Dome	4MP Dome	4MP Dome
2.	H.265+	H.265+/H.265/H.264+/H.264	H.265+, H.265, H.264+, H.264
3.	SD Card 128GB Supported	Mirco SD card 128GB Support with 64 GB	Supported
4.	Wide Angle Fixed Length with manual Pan and Tilt Provision	Pan:0°~355°; Tilt:0°~64°; Rotation:0°~355°	Pan: 0° to 355°, tilt: 0° to 70°
5.	120db WDR	WDR(120dB)	Supported
6.	Dual Stream	H.265&H.264 triple-stream encoding	Dual stream supported
7.	0.01 ~ 0.03 Lux	0.08Lux/F2.0(Color,1/3s,30IRE) 0.3Lux/2.0(Color,1/30s,30IRE) 0Lux/F2.0(IR on)	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON)
8.	WDR/BLC	BLC / HLC / WDR(120dB)	WDR/BLC
9.	ICR /3D DNR	ICR 3D DNR supported	ICR /3D DNR supported
10.	ROI	Supported	1 fixed region for main stream and sub-stream
11	PoE, IP 66 or IP67	PoE, IP 67 supported	PoE (Power over Ethernet), IP 67
12	IR Range: Minimum 30m	Distance up to 30m (98ft)	Up to 30 m IR range
13	ONVIF, CGI, ISAPI, PSIA etc	ONVIF, PSIA, CGI supported	ONVIF (PROFILE S, PROFILE G), ISAPI
14	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour supported	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour

Lot 1.a	IP Cameras (In-door) QUANTITY = 305	Vital International	Nashuatec Centre
15	20fps(2688×1520), 25fps(1920×1080), 25fps(1280×720)	Main Stream: 4M(1~25/30fps) Sub Stream: D1(1~25/30fps) Third Stream: 720P(1~25/30fps)	20fps(2688×1520), 25fps(1920×1080), 25fps(1280×720)
16	Compatible with Existing NVR Brand (Huawei, Dahua , Hikvision)	Supported	Supported
17	Warranty 3 Year	3 Year	3 Years
Responsiveness		Responsive	Responsive

Lot 1.b	IP Cameras (Out-door) QUANTITY = 300	Vital International	Nashuatec Centre
Sr. #	Item	Dahua DH-IPC-HFW2431R-ZS	Hikvision DS-2CD1643G0-IZ
1.	4MP Bullet	4 MP Bullet	4 MP Bullet
2.	H.265+	H.265+/H.265/H.264+/H.264	H.265+, H.265, H.264+, H.264
3.	SD Card 128GB Supported	Micro SD Card 128GB Supported	Supported
4.	2.8 – 12mm Varifocal motorized lens	2.7~13.5mm varifocal lens	2.8 mm to 12 mm varifocal lens
5.	120db WDR	120 db WDR	120 dB WDR
6.	Dual Stream	2 Streams	Supported
7.	0.01 ~ 0.03 Lux	0.03Lux/F1.4(Color,1/3s,30IRE) 0.3Lux/F1.4(Color,1/30s,30IRE) 0Lux/F1.4(IR on)	Color: 0.01 Lux @(F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON)
8.	WDR/BLC	BLC / HLC / WDR(120dB)	WDR/BLC
9.	ICR /3D DNR	ICR/3D DNR	ICR/3D DNR
10.	ROI	ROI Supported	ROI Supported
11	PoE, IP 66 or IP67	PoE, IP67	PoE/ IP 67
12	IR Range: Minimum 30m	Distance up to 60m	IR Range Up to 30 m
13	ONVIF, CGI, ISAPI, PSIA etc	ONVIF, PSIA, CGI	ONVIF (PROFILE S, PROFILE G), ISAPI
14	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour	HTTP;TCP;ARP;RTSP;RTP;UDP;RTCP;SMTP;FTP;DHCP ;DNS;DDNS;PPPOE;IPv4/v6;SNMP;QoS;UPnP;NTP	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour

Lot 1.b	IP Cameras (Out-door) QUANTITY = 300	Vital International	Nashuatec Centre
15	20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)	4M (1 ~ 20fps)/3M(1 ~ 25/30fps)	Supported
16	Compatible with Existing NVR Brand (Huawei, Dahua , Hikvision)	Supported	Supported
17	Warranty 3 Year	3 Years	3 Years
<i>Responsiveness</i>		<i>Responsive</i>	<i>Responsive</i>

Lot 1.c	Surveillance Hard Drive QUANTITY = 150	Vital International	Nashuatec Centre
Sr. #	Item	Seagate ST4000VX000	Western Digital WD40-purx
1.	4TB Surveillance Grade Hard Drive Built for 24/7 reliability and operation	4TB Surveillance Grade Hard Drive	4TB Surveillance Grade Hard Disk
2.	SATA	SATA	SATA
3.	5400RPM or better	5400 rpm	5400 rpm
4.	Supported up to 16 HD Cameras	Up to 32 cameras supported	Up to 64
5.	2 Years onsite Warranty	Yes	Yes
6.	Only surveillance manufacturer supplies HDD	Yes	Yes
7.	Verifiable Serials from Surveillance Manufacturer		
<i>Responsiveness</i>		<i>Responsive</i>	<i>Responsive</i>

Lot 1.d	Video Management System / Platform QUANTITY =	Vital International	Nashuatec Centre
Sr. #	Item	Dahua DSS7016D	Hikvision Blazerpro All-in-one server(Video Management System)
1.	8GB Memory	8GB DDR3	8GB DDR3

Lot 1.d	Video Management System / Platform QUANTITY =	Vital International	Nashuatec Centre
2.	LAN Network Interfaces, 4x Gig interfaces	4 RJ-45 Ports (10/100/1000Mbps)	4 RJ-45 Ports (10/100/1000Mbps)
3.	USB: 2x Front and 2x Rear ports	Front panel: 2× USB 2.0, Rear panel:	USB: 2x Front and 2x Rear ports
4.	VGA & HDMI Interfaces	2 × USB 2.0, 1 VGA, 2 HDMI	Available
5.	Up to 15 SATA Interface, 4x 4TB installed	Built-in 1×1T HDD disk (3.5") for system Support 15HDD disks (3.5") for Video or Picture storage	Comply with 16 × SATA interface
6.	Support Raid 0/1/5/6/10	Raid 0/1/5/6/10	Comply, RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
7.	Embedded Linux System	Embedded Linux System	Embedded Linux System
8.	Bandwidth Support: Minimum 600Mbps	700 Mbps	Comply, 768/768 Mbps
9.	Working Temperature 0~50oC	0°C ~ 50°C	Comply, 0°C to +50°C (32°F to 122°F)
10.	Must have alarm support	Alarm Controller	Comply, Alarm Input /Output 16/8
11	Support distribute and cascade deployment	Support distribute and cascade deployment	Comply
12	Device Support minimum 512 Channels	Supported for 512 Channels	Supported for 512 Channels
13	Support 24*7 stable operation	Supported	Supported
14	Able to connect third-party devices via standard ONVIF protocol (NVR and IP Camera)	Connect third-party devices via standard ONVIF protocol	Connect third-party devices via standard ONVIF protocol
15	Allow live view, PTZ control, manual recording, and other operations of the connected cameras	Supported	Supported
16	Web Client, Control Client, and Mobile Client available for system management to access VMS anytime, anywhere	Supported	Supported
17	Manage role and user permission	Supported	Supported
18	Support for minimum 200 Users	Support unlimited accounts management, 200 online users and 100 roles	Supported

Lot 1.d	Video Management System / Platform QUANTITY =	Vital International	Nashuatec Centre
19	Client software to access / view devices on end user machine	Supported	Supported
<i>Responsiveness</i>		<i>Responsive</i>	<i>Responsive</i>

LOT-2(Time & Attendance Devices)

Lot 2.a	Time & Attendance Devices	Quantity: 150	Digital Links	Megaplus	Integrated Network Solution(INS)	Vital International
Sr. #	Item	Description	Nitgen Finger Key Access2	Viridi AC-2100Plus	Viridi AC-2100Plus	Suprema BSL2-OE
1.	Display	Minimum 1.5 LCD	2.3" LCD	1.77 Inch Color Screen	1.77 Inch Color Screen	2.0" Color LCD
2.	Speaker	Voice Prompt Verbal / Buzzar	Verbal Voice Prompt	Verbal Voice Prompt	Verbal Voice Prompt	Verbal Voice Prompt
3.	Memory	Minimum 32 MB or higher	64 MB	32 MB	32 MB	256MB RAM + 2GB Flash
4.	Finger print image resolution	500 DPI or higher	500 DPI	500 DPI	500 DPI	500 Dpi
5.	User capacity:	Minimum 1,000	20,000 templates (2 templates/ 1 finger, 10,000 users)	10,000	10,000	100,000
6.	Log capacity:	Minimum 50,000	100,000 logs	100,000	100,000	1,000,000
7.	Fake Finger Detection	Must support	Supported	Supported	Supported	Supported
8.	Verification Matching Speed /	<1s	Verification Time< 1 sec, Identification Time <1.5 sec	Authentication Speed<1s	Authentication Speed<1s	Authentication Speed<1s
9.	Operation Mode	Finger print (RF Card optional)	Fingerprint, Password, RF Card(Optional)	Finger print, RF Card	Finger print, RF Card	Finger Print, RF Card
10.	Communication:	TCP/IP	TCP/IP, RS232, RS485, Wiegand In/Out	TCP/IP, RS232, RS485	TCP/IP, RS232, RS485	TCP/IP, RS232, RS485
11	Attendance status:	Check in, Check out, Duty hours, Late hours & Over Time etc	Supported	Supported	Supported	Supported
12	Client / Server environment	Device must support Client / Server environment	Supported	Supported	Supported	Supported

Lot 2.a	Time & Attendance Devices	Quantity: 150	Digital Links	Megaplus	Integrated Network Solution(INS)	Vital International
13	Reporting	Export reporting in multiple formats CSV / Text files	Supported	Supported	supported	Supported
14	Software / Suit	Centralized software able to fetch data from all client time & attendance devices and capable of reporting Check in, Check out, Duty hours, Late hours & Over Time etc.	Centralized Software provided	Centralize Software Provided	Centralize Software Provided	Centralize Software Provided
15	Operation temperature:	0°C ~ 50°C	-20~60 °C	-20~60	-20~60	-20° to 50°C
16	Manage roles and user permission	Device must support multiple users having different roles for managing and monitoring	Supported	Supported	Supported	Supported
17	Warranty	2 Years on site	Yes	2 Years	2 Years	2 Years
Responsiveness			Responsive	Responsive	Responsive	Responsive

LOT-3 (Air Blower)

Lot 3	Air Blower	Quantity: 150	Sakon Engineering	Integrated Network Solution(INS)
Sr. #	Item	Description	Hyundai Hp-650-EB	MPT MAB6003
1.	Motor	600 watt powerful	650W	600 Watt
2.	Air Flow	Min 3.0 cubic meter per minute	3.0m3/min	4m³/min
3.	Type	Hand held	Hand Held	Hand Held
4.	Accessories	Dust bag, blow nozzle and Power cord	Yes	Yes
5.	Warranty	1 Year	Yes	Yes
Responsiveness			Responsive	Responsive

Detailed Examination

Table 5.b Detailed Examination
Table 5.b.1. LOT-1(IP Cameras, Surveillance Hard Drives and Video Management System)

Sr. No.	Requirements as Per Bid Document	Nashuatec Centre	Vital International
1	ITB 13.2 (a) Certificate of incorporation	Yes	Yes
2	ITB 13.2 (b) NTN / Tax Number	Yes	Yes
3	ITB 13.2 (c) Affidavit of Non-Blacklisting	Yes	Yes
4	ITB 13.3 (b) Audited Financial Statements or Bank Statement of Last 3 Financial Years	Yes	Yes
5	ITB 13.3.d (a) Authorized dealership	Yes	Yes
6	ITB 13.3.d (c) Bidder affiliation with same brand from 2 year	Yes	Yes
7	ITB 13.3.d (d) Technical brochures of Equipment	Yes	Yes
8	ITB 13.3.d (e) Financial Capability	Yes ³	Yes ⁴
9	ITB 13.3.d (f) Experience and Technical Capacity	Yes ⁵	Yes ⁶
10	ITB 13.3.d (h) Compliance Sheet	Yes	Yes
11	Warranty Period: The period of validity of the Warranty shall be: “3 Years”, “Comprehensive” and “On Site”.	Yes	Yes

³ M/S Nashuatec Centre has submitted proof of financial strength of 44M against Lot 1 inform of third party audit report and bank statement which fulfill the required 40M against these Lots.

⁴ M/S Vital International has submitted proof of financial strength of 287M cumulative against Lot 1&2 inform of third party audit report, which fulfill the required 60M against these Lots.

⁵ M/s Nashuatec Centre has provided proof of technical experience in form of purchase orders and contracts amount to 83M against the required PKR 40 Million

⁶ M/s Vital International has provided proof of technical experience in form of purchase orders and contracts amount to 112M against the required PKR 40 Million

12	Section III. Schedule of Requirements Delivery Time (90 Days)	Yes	Yes
13	ITB 15.1 Bid Security Lot-1 PKR 350,000/-	Yes	Yes

Table 5.b.2. LOT-2(Time & Attendance Devices)

Sr. #	Requirements as Per Bid Document	Digital Links	Megaplus	INS	Vital International
1	ITB 13.2 (a) Certificate of incorporation	Yes	Yes	No	Yes
2	ITB 13.2 (b) NTN / Tax Number	Yes	Yes	Yes	Yes
3	ITB 13.2 (c) Affidavit of Non-Blacklisting	Yes	Yes	Yes	Yes
4	ITB 13.3 (b) Audited Financial Statements or Bank Statement of Last 3 Financial Years	Yes	Yes	Yes	Yes
5	ITB 13.3.d (a) Manufacturer Authorization Letter	Yes	Yes	Yes	NO ⁷
6	ITB 13.3.d (c) Bidder affiliation with same brand from 2 years	Yes	Yes	Yes	Yes
7	ITB 13.3.d (d) Technical brochures of Equipment	Yes	Yes	Yes	Yes

⁷ M/s Vital International has not submitted Manufacturer Authorization Letter (MAL) from Principal Supremea along with bid, bidder was requested the same via letter vide no. PLRA/ DD(PROC)/23-01/2018 dated 23rd Jan, 2018 but bidder failed to provide MAL from principal. Bidder provided distributor letter of Limton Innovative Systems despite of required MAL from Principal, hence committee recommended to consider M/s Vital International as dis-qualified against this lot.

8	ITB 13.3.d (c) Financial Capability	Yes ⁸	Yes ⁹	Yes ¹⁰	Yes ¹¹
9	ITB 13.3.d (d) Experience and Technical Capacity	Yes ¹²	Yes ¹³	Yes ¹⁴	Yes ¹⁵
10	ITB 13.3.d (f) Compliance Sheet	Yes	Yes	Yes	Yes
11	Warranty Period: The period of validity of the Warranty shall be: “2 Years”, “Comprehensive” and “On Site”.	Yes	Yes	Yes	Yes
12	Section III. Schedule of Requirements Delivery Time (90 Days)	Yes	Yes	Yes	Yes
13	ITB 15.1 Bid Security Lot-1 PKR 250,000/-	Yes	Yes	Yes	Yes

Table 5.b.3. LOT-3 (Air Blower)

Sr. No.	Requirements as Per Bid Document	Sakcons Engineering	INS
1	ITB 13.2 (a) Certificate of incorporation	Yes	Yes
2	ITB 13.2 (b) NTN / Tax Number	Yes	Yes
3	ITB 13.2 (c) Affidavit of Non-Blacklisting	Yes	Yes

⁸ M/S Digital Links has submitted proof of financial strength of 25M against Lot 2 inform of third party audit report, which fulfill the required 20M against this Lots.

⁹ M/S Megaplus has submitted proof of financial strength of 2422M against Lot 2 inform of third party audit report, which fulfill the required 20M against this Lots.

¹⁰ M/S INS has submitted proof of financial strength of 23.1M cumulative against Lot 2&3 inform of third party audit report, which fulfill the required 21M against these Lots.

¹¹ M/S Vital International has submitted proof of financial strength of 287M cumulative against Lot 1&2 inform of third party audit report, which fulfill the required 60M against these Lots.

¹² M/s Digital Links has provided proof of technical experience in form of purchase orders and contracts amount to 8.3M against the required PKR 2 Million.

¹³ M/s Megaplus has provided proof of technical experience in form of purchase orders and contracts amount to 4.69M against the required PKR 2 Million.

¹⁴ M/s INS has provided proof of technical experience in form of purchase orders and contracts amount to 2.3M against the required PKR 2 Million

¹⁵ M/s Vital International has provided proof of technical experience in form of purchase orders and contracts amount to 5.6M against the required PKR 2 Million

4	ITB 13.3 (b) Audited Financial Statements or Bank Statement of Last 3 Financial Years	Yes	Yes
5	ITB 13.3.d (b) Technical brochures of Equipment	Yes	Yes
6	ITB 13.3.d (c) Financial Capability	Yes ¹⁶	Yes ¹⁷
8	ITB 13.3.d (f) Compliance Sheet	Yes	Yes
9	Warranty Period: The period of validity of the Warranty shall be: "1 Years", "Comprehensive" and "On Site".	Yes	Yes
10	Section III. Schedule of Requirements Delivery Time (60 Days)	Yes	Yes
11	ITB 15.1 Bid Security Lot-1 PKR 20,000/-	Yes	Yes

¹⁶ M/S INS has submitted proof of financial strength of 23.1M cumulative against Lot 2&3 inform of third party audit report, which fulfill the required 21M against these Lots.

¹⁷M/S Sakcon Engineering has submitted proof of financial strength of 6M against Lot 3 inform of Bank Statement, which fulfill the required 1M against this Lot.