

Palli Karma-Sahayak Foundation (PKSF)

Amendment of Tender Document

(Package No. PKSF/Shyamoli Building/2024-2025/G-01)

The tender titled "Supply and Installation of PABX Intercom, IP-Telephone System, Public Adress System and CCTV Security System for PKSF's Shyamoli Building" published under package No. PKSF/Shyamoli Building/2024-2025/G-01 in 'The Daily Star' & 'The Daily Sangbad' on 15-10-2024 has been amended (Technical Specification & Price Schedule) as below:

Technical Specifications

Lot-03: Supply and Installation of CCTV Security System for PKSF's Shyamoli Building

| SL No | Detail Technical Specifications as in Tender Document | Detail Technical Specifications as Ammended |
|-------|---|---|
| 1.0 | CCTV SECURITY SYSTEM | |
| 1.1 | <p>Fixed IP Camera: Supply and installation of 3.0 mega pixel resolution or better for Full HD (1920x1080p) video quality at 25 frames per second. Min. illumination: 2 Lux @ f1.4 (color) and 0.1 Lux @ f1.4 (B/W) and 0.0 Lux with IR illumination; Image Enhancements: Backlight Compensation/3D-DNR/ Exposure Control/Sens-up Control /AGC/White Balance/ Privacy Masking / EIS / Sharpness / Digital Zoom. Video/Audio compression: H.264/MJPEG. Frame rate 25 fps. Network: 10-Gigabit. Security: Password protection HTTPS (SSL, TLS). Protocol: TCP/IP(IPv4/IPv6), HTTP, HTTPS, RTP, RTSP, UDP, DHCP, FTP, SMTP, NTP, ARP, ICMP, DDNS(LG), PSIA, LG Protocol. ONVIF: yes. SD Card Slot: yes. Certification: UL, FCC, CE. Night vision: yes, with IR illumination, range 30 m. min. Field of View: Min. 70o Power over Ethernet (PoE). Motion detection: yes, PIR or equivalent. Backup power supply by UPS: yes, for 30 min.</p> | <p>Fixed IP Camera: Supply and installation of 3.0 mega pixel resolution or better for Full HD (1920x1080p)/2048x1536p video quality at 25 frames per second. Min. illumination: 2 Lux @ f1.4 (color) and 0.1 Lux @ f1.4 (B/W) and 0.0 Lux with IR illumination; Image Enhancements: Backlight Compensation/3D-DNR/ Exposure Control/Sens-up Control/AGC/White Balance/ Privacy Masking/EIS/ Sharpness/Digital Zoom. Video/Audio compression: H.264/MJPEG. Frame rate 25 fps. Network: 10-Gigabit. Security: Password protection HTTPS (SSL, TLS). Protocol: TCP/IP(IPv4/IPv6), HTTP, HTTPS, RTP, RTSP, UDP, DHCP, FTP, SMTP, NTP, ARP, ICMP, DDNS(LG), PSIA, LG Protocol. ONVIF: yes. SD Card Slot: yes. Certification: UL/ FCC/CE. Night vision: yes (full time colour), with IR illumination, range 30 m. min. Field of View: Min. 70o Power over Ethernet (PoE). Motion detection: yes, PIR or equivalent. Backup power supply by UPS: yes, for 30 min.</p> |
| | Brand: (Canon/Samsung/ Sony/Panasonic or equivalent.) - To be mentioned by the bidder | Brand: (Hikvision/ Dahua/ TP-Link/ Tenda/ Uniview/ Imilab/ or equivalent.)- To be mentioned by the bidder |

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| SL No | Detail Technical Specifications as in Tender Document | Detail Technical Specifications as Ammended |
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| 1.1.3 | <p>Indoor dome type camera</p> <p>Indoor dome type camera. These cameras shall be fitted on ceilings of Basements, Ground floor and at other floor levels and secured with armourde casing/grill against vandalism/ theft.</p> <ul style="list-style-type: none"> • Image Sensor: 1/3 Inch Progressive CMOS • Resolutions: 2048 x 1536 (3MP) • Lens: 2.8 mm • IR Range: 30m min. • Day & Night: IR cut filter with auto switch | <p>Indoor dome type camera</p> <p>Indoor dome type camera. These cameras shall be fitted on ceilings of Basements, Ground floor and at other floor levels.</p> <ul style="list-style-type: none"> • Image Sensor: 1/3 Inch Progressive CMOS • Resolutions: 2048 x 1536 (3MP) • Lens: 2.8 mm • IR Range: 30m min. • Day & Night: IR cut filter with auto switch |
| 1.2 | <p>NETWORK VIDEO RECORDER (NVR) INCLUDING PRE-CONFIGURED WORKSTATION PC TO ADMINISTER THE NVR:</p> <p>Supply and installation of 64 channel NVR with 24.0 Terabyte Storage, Up to 5 Mega pixel (2560x1920) recording resolution, Simultaneous HDMI, VGA and CVBS output, HDMI and VGA output up to 1920 x 1080P resolution; Dual gigabit network interfaces; eSATA interface for recording or archiving; Flip open front panel for easy HDD installation; 16-ch 4CIF synchronous playback; JPEG picture capture and playback; Tag video clip, search and playback by tag; Digital zoom on live view and playback; Internal DVD drive to back up selected data; Third-party network camera supported;</p> <p>Video recording based on motion detection; pre-configured workstation PC with 21-inch LED-LCD monitor, keyboard and other standard accesories and parts for normal operation and control of the NVR.</p> | <p>NETWORK VIDEO RECORDER (NVR) INCLUDING PRE-CONFIGURED WORKSTATION PC TO ADMINISTER THE NVR:</p> <p>Supply and installation of 64 channel NVR with 24.0 Terabyte Storage, Up to 5 Mega pixel (2560x1920) recording resolution, Simultaneous HDMI, VGA and CVBS output, HDMI and VGA output up to 1920x1080P/2048x1536p resolution; Dual gigabit network interfaces; eSATA interface for recording or archiving; Flip open front panel for easy HDD installation; 16-ch 4CIF synchronous playback; JPEG picture capture and playback; Tag video clip, search and playback by tag; Digital zoom on live view and playback; Internal DVD drive to back up selected data; Third-party network camera supported;</p> <p>Video recording based on motion detection; pre-configured workstation PC with 21-inch LED-LCD monitor, keyboard and other standard accesories and parts for normal operation and control of the NVR. (Excluding the rate of PC, Monitor and accessories. It shall be considered at item serial no. 1.7).</p> <p>The System should be able to record the video stream of all cameras in 1920 x 1080p /2048 x 1536p resolution in 25 Fps for a minimum period of 30 days in the NVR/ NAS.</p> |

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Price Schedule for Good

Lot-03: Supply and Installation of CCTV Security System for PKSF's Shyamoli Building

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| 1.1 | <p>Fixed IP Camera: Supply and installation of 3.0 mega pixel resolution or better for Full HD (1920x1080p) video quality at 25 frames per second. Min. illumination: 2 Lux @ f1.4 (color) and 0.1 Lux @ f1.4 (B/W) and 0.0 Lux with IR illumination; Image Enhancements: Backlight Compensation/3D-DNR/ Exposure Control/Sens-up Control /AGC/White Balance/ Privacy Masking / EIS / Sharpness / Digital Zoom. Video/Audio compression: H.264/MJPEG. Frame rate 25 fps. Network: 10-Gigabit. Security: Password protection HTTPS (SSL, TLS). Protocol: TCP/IP(IPv4/IPv6), HTTP, HTTPS, RTP, RTSP, UDP, DHCP, FTP, SMTP, NTP, ARP, ICMP, DDNS(LG), PSIA, LG Protocol. ONVIF: yes. SD Card Slot: yes. Certification: UL, FCC, CE. Night vision: yes, with IR illumination, range 30 m. min. Field of View: Min. 70o Power over Ethernet (PoE). Motion detection: yes, PIR or equivalent. Backup power supply by UPS: yes, for 30 min.</p> | <p>Fixed IP Camera: Supply and installation of 3.0 mega pixel resolution or better for Full HD (1920x1080p)/2048x1536p video quality at 25 frames per second. Min. illumination: 2 Lux @ f1.4 (color) and 0.1 Lux @ f1.4 (B/W) and 0.0 Lux with IR illumination; Image Enhancements: Backlight Compensation/3D-DNR/ Exposure Control/Sens-up Control/AGC/White Balance/ Privacy Masking/EIS/ Sharpness/Digital Zoom. Video/Audio compression: H.264/MJPEG. Frame rate 25 fps. Network: 10-Gigabit. Security: Password protection HTTPS (SSL, TLS). Protocol: TCP/IP(IPv4/IPv6), HTTP, HTTPS, RTP, RTSP, UDP, DHCP, FTP, SMTP, NTP, ARP, ICMP, DDNS(LG), PSIA, LG Protocol. ONVIF: yes. SD Card Slot: yes. Certification: UL/ FCC/CE. Night vision: yes (full time colour), with IR illumination, range 30 m. min. Field of View: Min. 70o Power over Ethernet (PoE). Motion detection: yes, PIR or equivalent. Backup power supply by UPS: yes, for 30 min.</p> |
| 1.1.3 | <p>Indoor dome type camera Indoor dome type camera. These cameras shall be fitted on ceilings of Basements, Ground floor and at other floor levels and secured with armourde casing/grill against vandalism/ theft. • Image Sensor: 1/3 Inch Progressive CMOS • Resolutions: 2048 x 1536 (3MP) • Lens: 2.8 mm • IR Range: 30m min. • Day & Night: IR cut filter with auto switch</p> | <p>Indoor dome type camera Indoor dome type camera. These cameras shall be fitted on ceilings of Basements, Ground floor and at other floor levels. • Image Sensor: 1/3 Inch Progressive CMOS • Resolutions: 2048 x 1536 (3MP) • Lens: 2.8 mm • IR Range: 30m min. • Day & Night: IR cut filter with auto switch</p> |
| 1.2 | <p>NETWORK VIDEO RECORDER (NVR) INCLUDING PRE-CONFIGURED WORKSTATION PC TO ADMINISTER THE NVR: Supply and installation of 64 channel NVR with 24.0 Terabyte Storage, Up to 5 Mega pixel (2560x1920) recording resolution, Simultaneous HDMI, VGA and CVBS output, HDMI and VGA output up to 1920 x 1080P resolution; Dual gigabit network interfaces; eSATA interface for recording or archiving; Flip open front panel for easy HDD installation; 16-ch 4CIF synchronous playback;</p> | <p>NETWORK VIDEO RECORDER (NVR) INCLUDING PRE-CONFIGURED WORKSTATION PC TO ADMINISTER THE NVR: Supply and installation of 64 channel NVR with 24.0 Terabyte Storage, Up to 5 Mega pixel (2560x1920) recording resolution, Simultaneous HDMI, VGA and CVBS output, HDMI and VGA output up to 1920x1080P/2048x1536p resolution; Dual gigabit network interfaces; eSATA interface for recording or archiving; Flip open front panel for easy HDD installation; 16-ch 4CIF synchronous playback; JPEG</p> |

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|-------|--|--|
| | <p>JPEG picture capture and playback; Tag video clip, search and playback by tag; Digital zoom on live view and playback; Internal DVD drive to back up selected data; Third-party network camera supported;</p> <p>Video recording based on motion detection; pre-configured workstation PC with 21-inch LED-LCD monitor, keyboard and other standard accesories and parts for normal operation and control of the NVR.</p> | <p>picture capture and playback; Tag video clip, search and playback by tag; Digital zoom on live view and playback; Internal DVD drive to back up selected data; Third-party network camera supported;</p> <p>Video recording based on motion detection; pre-configured workstation PC with 21-inch LED-LCD monitor, keyboard and other standard accesories and parts for normal operation and control of the NVR. (Excluding the rate of PC, Monitor and accessories. It shall be considered at item serial no. 1.7).</p> <p>The System should be able to record the video stream of all cameras in 1920 x 1080p /2048 x 1536p resolution in 25 Fps for a minimum period of 30 days in the NVR/ NAS.</p> |

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