

Anexo 2A

Sistema de Video Vigilancia Tribunales Provinciales de Rosario
Contratacion Directa Nro 6/18

| ITEM | Provisión y montaje de los siguientes equipos y materiales | UD | Cant. | Costos Unitarios | | Costos Parciales | |
|--|--|----|--------|------------------|------------|------------------|------------|
| | | | | M. de Obra | Materiales | M. de Obra | Materiales |
| 1 | | | | | | | |
| | Cámara de Seguridad (Domo 2 o 4 mpx int) | | 113 | | | | |
| | Cámara de Seguridad (Domo 4mpx superir ext) | | 10 | | | | |
| | Cámrara de Seguridad (Domo PTZ ext) | | 17 | | | | |
| | Soporte de Pared para Domo de 5" y 6" | | 15 | | | | |
| | Joystick p/ manejar domo PTZ | | 1 | | | | |
| | TRANSFORMADOR DE 220 V A 24 para CAMARAS 50W (p/ Domo PTZ) | | 15 | | | | |
| | software Corporate Base Camaras | | 2 | | | | |
| | Canal camaras Corporate Adicional | | 130 | | | | |
| | Soporte y Actualización | | 138 | | | | |
| | Menores | | Global | | | | |
| 2 Activos de Comunicación | | | | | | | |
| | Switch de Core 24G 4SFP Switch | | 2 | | | | |
| | MODULO HP X130 10G SFP+ LC SR | | 4 | | | | |
| | Switch de Distribución 24G 2SFP+ 2XGT PoE+ (370W) | | 6 | | | | |
| | SWITCH 8P GIGABIT 8P POE DESKTOP | | 30 | | | | |
| | Media Converter | | 46 | | | | |
| | Routerboard RB1100AHx4 | | 1 | | | | |
| | Patchcord UTP Cat 6 1mts | | 60 | | | | |
| 3 Servidores + Software + Qnap + Rack | | | | | | | |
| | Materiales | | | | | | |
| | Xeon Silver 4110 8C 2.1GHz, 1x8GB (1Rx8 1.2V) RDIMM, 1x2.5" SATA/SAS 8-Bay, 530-8i PCIe, 1x550W, 1xToolless Slide Rail | | 2 | | | | |
| | ThinkSystem 32GB TruDDR4 2666 MHz (2Rx4 1.2V) RDIMM | | 8 | | | | |
| | ThinkSystem 2.5" 5100 480GB Mainstream SATA 6Gb Hot Swap SSD | | 4 | | | | |
| | ThinkSystem 10Gb 2-port Base-T LOM | | 2 | | | | |

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|------------------------------|---|--|----|--|--|--|
| | ThinkSystem 430-8e SAS/SATA HBA | | 2 | | | |
| | ThinkSystem 550W(230V/115V) Platinum Hot-Swap Power Supply | | 2 | | | |
| | Cable de Energía de 12pies C13-C14 | | 2 | | | |
| | Foundation Service - 3Yr Next Business Day Response | | 3 | | | |
| Storage | | | | | | |
| | Lenovo ThinkSystem DS4200 SFF SAS Dual Controller Unit (4617AA41) o similar | | 1 | | | |
| | Storage 8TB 3.5" NL-SAS HDD | | 12 | | | |
| | External MiniSAS HD 8644/MiniSAS HD 8644 2M Cable (00YL849) | | 4 | | | |
| | 2,8m. 10A/100-250V,C13 to IEC 320-C14 Rack Power Cable (4L67A08366) | | 2 | | | |
| Qnap | | | | | | |
| | NAS QNAP TS-853BU 8-BAY CEL 1.5 4CORE GHZ 4GB o similar | | 2 | | | |
| | KIT RACK QNAP B02 | | 2 | | | |
| | Placa de 10G Dual Port LAN-10G2T-X550 | | 2 | | | |
| | HD 6 TB WD S-ATA III INTELLIPOWER 64MB RED P/NAS | | 16 | | | |
| | Patchcord | | 4 | | | |
| 4 Sala de Operación | | | | | | |
| PC Puesto Monitoreo | | | | | | |
| | PC Completa (Pestaña Puesto Monitoreo) | | 2 | | | |
| | MONITOR 27 LED SAMSUNG LC27F390FHLXZB CURVO | | 4 | | | |
| | Kit de teclado y mouse Genius | | 2 | | | |
| | UPS 1100VA 230V (TOMAS IRAM) | | 2 | | | |
| Estación de Monitoreo | | | | | | |
| | PC Completa (Pestaña Puesto Monitoreo) | | 1 | | | |
| | MONITOR 27 LED SAMSUNG LC27F390FHLXZB CURVO o similar | | 1 | | | |
| | Kit de teclado y mouse Genius | | 1 | | | |
| | UPS 1100VA 230V (TOMAS IRAM) | | 1 | | | |
| Video Wall | | | | | | |
| | MONITOR 43" LED SAMSUNG PM43H (LFD) o similar | | 4 | | | |
| | MONITOR 43" LED SAMSUNG PM43H (LFD) IMPUESTO INTERNO | | 4 | | | |
| | Equipo Kramer | | 1 | | | |

| | | | | | | |
|---|---|--|--------|--|--|--|
| | Splter Kramer | | 4 | | | |
| | Conversor HDMI a UTP Kramer | | 4 | | | |
| | Cables HDMI | | 10 | | | |
| | | | | | | |
| 5 | Cableado de FO, Datos y Energia | | | | | |
| | | | | | | |
| | Centros de Cableado | | | | | |
| | | | | | | |
| | Rack 42 unidades | | 1 | | | |
| | UPS ON-LINE 11KVA 1:1 RT SIN BATERIAS (9PX 11KVA) | | 1 | | | |
| | ACC.UPS BANCO BAT. PARA LA 9PX 8/11 KVA (9PX EBM240RT) | | 1 | | | |
| | ACC.UPS PLACA SNMP NETWORK CARD-MS PW/9PX/9E/93E (744-0025500P) | | 1 | | | |
| | Canal de Tensión 6 tomas c/ térmica Gabitel (T-6TNAC-1UCT) | | 2 | | | |
| | Bandeja ciega 2U 400mm (N) (B-C-2U4N) | | 6 | | | |
| | | | | | | |
| | Centros de Cableado II | | | | | |
| | | | | | | |
| | Mural 9U Deslizante 500mm (B) (M-IPDS-9U5B) | | 5 | | | |
| | Canal de Tensión 6 tomas c/ térmica Gabitel (T-6TNAC-1UCT) | | 5 | | | |
| | | | | | | |
| | Cableado FO | | | | | |
| | | | | | | |
| | FO Indoor/outdoor 12F 50/125 OM3 | | Global | | | |
| | FO FKW 2 PIGTAIL D0.9 + 1 CUPLA MM (50.0) OM3 LC-SPC (35260467) | | 138,6 | | | |
| | FO FKW PATCHCORD DUPLEX MM (50.0) LC-SPC/SC-SPC 2.5M (35200137) | | 50 | | | |
| | Bandeja FO DIO B48 Completo | | 7 | | | |
| | Bandeja FO DIO BW12 | | 18 | | | |
| | | | | | | |
| | Cableado Datos | | | | | |
| | | | | | | |
| | FKW CAT6 CABLE UTP BOBINA 305 MTS | | Global | | | |
| | FKW CAT6 PATCH PANEL GIGALAN STANDARD 24P (35030162) | | 21 | | | |
| | FKW CAT6 CONECTOR JACK RJ45 (35030621) | | 145 | | | |
| | FKW ROSETA 2 POSICIONES BLANCO (35050258) | | 145 | | | |
| | FKW CAT6 PATCHCORD UTP 1,0M NEGRO (35123101) | | 290 | | | |

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|---|---|--|--------|--|--|--|
| 6 | Cableado Palacio | | | | | |
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| | Tablero UPS | | | | | |
| | | | | | | |
| | GAB SISTEMA DIN ARMADO 600X 600X 200MM C/PUERTA VIDRIO LINEA Q ENERGY | | 1 | | | |
| | INT TERMOMAG 4X 63A 6/10KA CURVA B (Entrada y Rodeo) | | 2 | | | |
| | INT TERMOMAG 2X 50A 6/10KA CURVA C (Salida) | | 1 | | | |
| | INT DIFERENCIAL ALTA INMUNIDAD 2X 25A 30mA | | 5 | | | |
| | INT TERMOMAG 2X 25A 6/10KA CURVA C | | 5 | | | |
| | PEINE PCZ 2P 63A 54 SALIDAS | | 1 | | | |
| | PEINE PCZ 2P 63A 54 SALIDAS | | 1 | | | |
| | | | | | | |
| | Rack de Concentración | | | | | |
| | | | | | | |
| | Multiplica por tablero unitario | | | | | |
| | | | | | | |
| | Frente 3U p/9 térmicas bip Negro (f-term-3un) | | 5 | | | |
| | INT DIFERENCIAL ALTA INMUNIDAD 2X 25A 30mA | | 5 | | | |
| | INT TERMOMAG 2X 16A 4.5/6KA CURVA C | | 25 | | | |
| | Menores | | Global | | | |
| | | | | | | |
| | Caja de Distribución | | | | | |
| | | | | | | |
| | Multiplica por tablero unitario | | | | | |
| | | | | | | |
| | GABINETE AGP 6452 TT 3P 640 X 520 X 230 IP65 ARGENTPOL TAPA TRANSPARENTE | | 16 | | | |
| | PLACA BASE MET PBM-64 585X460X1.6 ARGENTPOL/MINIPOL P/AGP 6452 | | 16 | | | |
| | INT TERMOMAG 2X 10A 4.5/6KA CURVA C | | 16 | | | |
| | TOMA MULTIPLE UNIV (4 TOMAS) 10A CON CABLE 3mts NEGRO (ZAPATILLA) - 1100 D CAMBRE | | 16 | | | |
| | PILOTO LED P/RIEL DIN DIRECTO VERDE 1 MOD | | 16 | | | |
| | RIEL S/DIN 46277/3 PERFORADO 1M ANCHO 35MM | | 4 | | | |
| | Menores | | Global | | | |
| | | | | | | |
| | Cableado Electrico | | | | | |
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| | CABLE SUBT CU 4X 6MM (ALIMENTACION DE TABLERO UPS) | | Global | | | |

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|---|---|--|--------|--|--|--|--|
| | CABLE SUBT CU 2X 4MM (ALIMENTACION DE RACK PRINCIPALES) | | Global | | | | |
| | CABLE SUBT CU 2X 2,5MM (DISTRIBUCION DE LOS PISOS) | | Global | | | | |
| | CABLE CU/PVC FLEX 1X 10MM2 VERDE/AMARILLO | | Global | | | | |
| | | | | | | | |
| | Ductos | | | | | | |
| | | | | | | | |
| | BANDEJA PERF ZINGRIP 300mm TRAMO 3MT #22 SMARTTRAY - TRPS-300-22-Z D | | Global | | | | |
| | VARILLA ROSCADA VR-01 1/4" SIN TUERCAS CINC - VR1/4-25 D | | Global | | | | |
| | SOPORTE TRAPECIO S/VAR 300-S/V - ST300Z20 D | | Global | | | | |
| | SOPORTE L EN CHAPA GALVANIZADA DE 2MM | | Global | | | | |
| | CAÑO PVC CORRUGADO BLANCO 3/4" (20MM) X MT | | Global | | | | |
| | CAÑERÍA GENERAL DE TERRAZA | | Global | | | | |
| | CAÑERÍA GENERAL DE SUBSUELO | | Global | | | | |
| | Ferretería + Curvas + Derivaciones + accesorios cañería | | Global | | | | |
| | | | | | | | |
| | Instalación Eléctrica de Sala de Monitoreo | | | | | | |
| | | | | | | | |
| | CAJA P/TM SOBREPONER 36 POLOS GRIS Y PUERTA FUME LINEA Q ENERGY - 0480636 | | 1 | | | | |
| | INT TERMOMAG 2X 16A 4.5/6KA CURVA C | | 1 | | | | |
| | INT DIFERENCIAL 2X 25A 30mA | | 3 | | | | |
| | INT TERMOMAG 2X 10A 4.5/6KA CURVA C | | 3 | | | | |
| | CKD CABLECANAL 100X 50 MM BLANCO P/INST VISTA X MT - CKD-100-50-BL | | 60 | | | | |
| | CKD ANGULO 90º P/CANAL 100X 50MM BLANCO - ELE-100-50-BL | | 1 | | | | |
| | CKD ESQUINERO EXTERIOR P/CANAL 100X 50 MM BLANCO - LS-100-50-BL | | 5 | | | | |
| | CKD PORTA BASTIDOR UNIV BAJO P/100 X 50MM BLANCO - BTKS-100-50-BL | | 25 | | | | |
| | CKD RINCONERO P/CANAL 100 X 50 MM BLANCO - RI-100-50-BL | | 1 | | | | |
| | MOD TOMA 2P+T "DOBLE" 10A BLANCO (6904 X 2) - 6994 | | 20 | | | | |
| | TAPA STD LUJO 4 MOD SIGLO XXI - 4134 | | 20 | | | | |
| | BASTIDOR LUJO DE POLICARBONATO PARA SIGLO SIGLO XXI Y XXII - 6970 | | 20 | | | | |
| | CABLE CU/PVC FLEX HALOGEN FLEX 1X 2.5MM2 X MT (MARRON-CELESTE-VERDE/AMARILLO) | | Global | | | | |
| | Menores | | Global | | | | |
| | | | | | | | |
| | FERRETERIA GENERAL DE OBRA | | Global | | | | |
| | | | | | | | |
| 7 | SALA DE SERVIDORES | | | | | | |
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|---|--|--------|--|--|--|--|
| Monitoreo | | | | | | |
| Equipo Monitoreo | | 1 | | | | |
| Rele sub y sobre tensión | | 1 | | | | |
| Indicador luminoso | | 1 | | | | |
| Fuente Alimentación | | 1 | | | | |
| Cableado e instalación | | Global | | | | |
| Camara | | | | | | |
| Cámara de Seguridad (Domo 2mpx int) | | 2 | | | | |
| NVR /4P | | 1 | | | | |
| Discos Rígido 6TB WD Purple | | 1 | | | | |
| Cableado e instalación | | Global | | | | |
| Control Acceso | | | | | | |
| Biolitte NET | | 1 | | | | |
| Lector Exterior | | 1 | | | | |
| Cerradura | | 1 | | | | |
| Pulsador | | 1 | | | | |
| Fuente Alimentación | | 1 | | | | |
| Cableado e instalación | | Global | | | | |
| Aire Acondicionado | | | | | | |
| 3000 Fgr | | 1 | | | | |
| Armado sala de video vigilancia y monitoreo (incluye todos los materiales necesarios, división durlock, puerta de seguridad, inst eléctricas, etc) | | Global | | | | |
| Servicio de Mantenimiento por un año | | Global | | | | |
| TOTAL | | | | | | |