

ANEXO 4

ACTA: CFENERGIA/CFEN-DA-/OXX/XX-XX-XX

ACTA CIRCUNSTANCIADA QUE SE LEVANTA EN LA ALCALDÍA DE CUAUHTÉMOC EN LA CIUDAD DE MÉXICO SIENDO LAS, XXXXXX HORAS CON XXXXXX MINUTOS HORAS DEL DÍA XXXXXX DE XXXXXX DE 2020, EN LAS OFICINAS QUE OCUPA CFENERGIA S.A. DE C.V., UBICADAS EN LA AVENIDA PASEO DE LA REFORMA 412, PISO SEXTO, COLONIA JUÁREZ C.P.06600, COMPARECEN, EL C. MAESTRO FRANK VIVEROS BALLESTEROS DIRECTOR DE FINANZAS Y ADMINISTRACIÓN, EL DOCTOR EDGAR MAURICIO FLORES SÁNCHEZ, EL LIC. SERGIO ADRIÁN GARCIA CASTILLO, GERENTE DE TICS Y LA C. _____, REPRESENTANTE DE _____, COMPARECEN A EFECTO DE CERTIFICAR LO SIGUIENTE:

----- ANTECEDENTES-----

PRIMERO. –EL DIA XX DE XXXXXX EN LA ALCALDÍA DE CUAUHTÉMOC EN LA CIUDAD DE MÉXICO, EN LAS OFICINAS QUE OCUPA CFENERGIA S.A. DE C.V., UBICADAS EN LA AVENIDA PASEO DE LA REFORMA 412, PISO SEXTO, COLONIA JUÁREZ C.P.06600, SE REUNIERON, EL C. MAESTRO FRANK VIVEROS BALLESTEROS DIRECTOR DE FINANZAS Y ADMINISTRACIÓN, EL DOCTOR EDGAR MAURICIO FLORES SÁNCHEZ, SUB DIRECTOR DE ADMINISTRACIÓN, LA C. _____ Y LA C. _____, REPRESENTANTES DE _____ A EFECTO DE VERIFICAR LA ENTREGA-RECEPCIÓN DEL **EQUIPAMIENTO Y PUESTA EN MARCHA DE INFRAESTRUCTURA PARA LA SEGURIDAD DE LA INFORMACIÓN.**-----

TODO LO ANTERIOR SE REALIZA AL TENOR DE LOS SIGUIENTES -----

-----HECHOS-----

PRIMERO. –.COMO RESULTADO DEL PROCESO DE CONCURSO PARA ADQUISICIÓN DE EQUIPAMIENTO CON NUMERO XXXXXXXXXXXXXXXXXXXX DEL CUAL RESULTO GANADORA LA EMPRESA XXXXXXXXXXXXXXXXXXXX SE RECIBE Y PONE EN MARCHA EL SIGUIENTE EQUIPO:

SOLUCIÓN DE NETWORKING

| No. Consecutivo | Partida | Cant. | Concepto | No. De Parte | Descripción |
|-----------------|---------|-------|------------------|--------------|--|
| 1 | 001 | 10 | Switch de Acceso | JL256A | Aruba 2930F 48G PoE+ 4SFP+ Switch |
| 2 | 002 | 10 | Switch de Acceso | JL256A ABA | INCLUDED: Power Cord - U.S. localization |

| No. Consecutivo | Partida | Cant | Concepto | No. De Parte | Descripción |
|-----------------|---------|------|-------------|--------------|--|
| 3 | 001 | 2 | Switch Core | JL071A | Aruba 3810M 24G 1-slot Switch |
| 4 | 002 | 4 | Switch Core | JL085A | Aruba X371 12VDC 250W Power Supply |
| 5 | 003 | 4 | Switch Core | JL085A ABA | INCLUDED: Power Cord - U.S. localization |
| 6 | 004 | 2 | Switch Core | JL084A | Aruba 3810M 4-port Stacking Module |
| 7 | 005 | 2 | Switch Core | JL083A | Aruba 3810M/2930M 4SFP+ MACsec Module |

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|----|-----|---|-------------|-------------|---|
| 8 | 006 | 1 | Switch Core | JL448A | Aruba X2C2 RJ45 to DB9 Console Cable |
| 9 | 007 | 4 | Switch Core | J9578A | Aruba 3800/3810M 0.5m Stacking Cable |
| 10 | 008 | 8 | Switch Core | J9283D | Aruba 10G SFP+ to SFP+ 3M DAC Cable |
| 11 | 009 | 2 | Switch Core | H7J34A3#XPZ | HPE 3Y Foundation Care 24x7 Service - HPE Aruba 3810M 24G 1-slot Switch Supp [for JL071A] |

| No. Consecutivo | Partida | Cant | Concepto | No. De Parte | Descripción |
|-----------------|---------|------|--------------|--------------|---|
| 12 | 001 | 16 | Access Point | JW186A | Aruba AP-325 802.11n/ac 4x4:4 MU-MIMO Dual Radio Integrated Antenna AP |
| 13 | 002 | 16 | Access Point | JW047A | AP-220-MNT-W1W Mount Basic White Kit |
| 14 | 003 | 16 | Access Point | JW471AAE | Aruba LIC-ENT Enterprise (LIC-AP LIC-PEF LIC-RFP and LIC-AW) License Bundle E-LTU |
| 15 | 004 | 16 | Access Point | H8A01A3#XC1 | HPE 3Y Foundation Care NBD Exchange - HPE Aruba AP-325 Supp [for JW186A] |
| 16 | 005 | 16 | Access Point | H8A01A3#XS2 | HPE 3Y Foundation Care NBD Exchange - HPE Aruba License Controller Bundle Supp [for JW471AAE] |

| No. Consecutivo | Partida | Cant | Concepto | No. De Parte | Descripción |
|-----------------|---------|------|---------------------------|--------------|---|
| 17 | 001 | 1 | Controladora Access Point | JW678A | Aruba 7010 (RW) 16p 150W PoE+ 10/100/1000BASE-T 1G BASE-X SFP 32 AP and 2K Clients Controller |
| 18 | 002 | 1 | Controladora Access Point | H8A01A3#WAV | HPE 3Y Foundation Care NBD Exchange - HPE Aruba 7010 Controller Supp [for JW678A] |

| No. Consecutivo | Partida | Cant | Concepto | No. De Parte | Descripción |
|-----------------|---------|------|-------------------------------------|--------------|---|
| 19 | 001 | 29 | Consola Administración Access Point | JW546AAE | Aruba LIC-AW Aruba Airwave with RAPIDS and VisualRF 1 Device License E-LTU |
| 20 | 002 | 29 | Consola Administración Access Point | H8A01A3#ZXZ | HPE 3Y Foundation Care NBD Exchange - HPE Aruba AirWave 1 Dev E-LTU Supp [for JW546AAE] |

SOLUCIÓN DE SEGURIDAD

| No. Consecutivo | Partida | Cant | Concepto | No. De Parte | Descripción |
|-----------------|---------|------|-------------------|---------------------|--|
| 21 | 001 | 1 | Consola Firewalls | CPAP-NGSM405 | Smart-1 405 Next Generation Security Management Appliance for 5 gateways (SmartEvent & Compliance 1 year) |
| 22 | 002 | 1 | Consola Firewalls | CPSB-EVS-COMP-5-2Y | SmartEvent, SmartReporter and Compliance blades for 5 gateways (Smart-1 & open server) 2-year subscription |
| 23 | 003 | 1 | Consola Firewalls | CPES-SS-PREMIUM-ADD | Premium Direct Enterprise Support For 3 Years |

| No. Consecutivo | Partida | Cant | Concepto | No. De Parte | Descripción |
|-----------------|---------|------|-----------|--------------------------|--|
| 24 | 001 | 1 | Firewalls | CPAP-SG5600-NGTX | 5600 Next Generation Threat Prevention & SandBlast (NGTX) Appliance |
| 25 | 002 | 1 | Firewalls | CPSB-MOB-50 | Mobile Access Blade for 50 concurrent connections |
| 26 | 002 | 1 | Firewalls | CPAP-SG5600-NGTX-HA | 5600 Next Generation Threat Prevention & SandBlast (NGTX) Appliance for High Availability |
| 27 | 003 | 1 | Firewalls | CPSB-MOB-50-HA | Mobile Access Blade for 50 concurrent connections-HA |
| 28 | 003 | 1 | Firewalls | CPSB-NGTX-5600-2Y | Next Generation Threat Prevention & SandBlast (NGTX) Package subscription for 2 year for 5600 Appliance |
| 29 | 004 | 1 | Firewalls | CPSB-NGTX-5600-2Y-HA | Next Generation Threat Prevention & SandBlast (NGTX) Package subscription for 2 year for 5600 Appliance HA |
| 30 | 005 | 2 | Firewalls | CPAC-RAM8GB-5000-INSTALL | Memory Upgrade Kit from 8GB to 16GB for 5000 series appliances |
| 31 | 006 | 1 | Firewalls | CPES-SS-PREMIUM-ADD | Premium Direct Enterprise Support For 3 Years |

SOLUCIÓN DE VIRTUALIZACIÓN DE SERVIDORES

| No. Consecutivo | Partida | Cant | Concepto | No. De Parte | Descripción |
|-----------------|---------|------|--------------------------------|----------------|---|
| 32 | 001 | 4 | Servidores para Virtualización | 868703-B21 | HPE ProLiant DL380 Gen10 8SFF Configure-to-order Server |
| 33 | 002 | 4 | Servidores para Virtualización | 868703-B21 ABA | HPE DL380 Gen10 8SFF CTO Server |
| 34 | 003 | 4 | Servidores para Virtualización | 826852-L21 | HPE DL380 Gen10 Intel Xeon-Silver 4116 (2.1GHz/12-core/85W) FIO Processor Kit |
| 35 | 004 | 4 | Servidores para Virtualización | 826852-B21 | HPE DL380 Gen10 Intel Xeon-Silver 4116 (2.1GHz/12-core/85W) Processor Kit |
| 36 | 005 | 4 | Servidores para Virtualización | 826850-B21 0D1 | Factory Integrated |
| 37 | 006 | 64 | Servidores para Virtualización | 815100-B21 | HPE 32GB (1x32GB) Dual Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit |
| 38 | 007 | 64 | Servidores para Virtualización | 815100-B21 0D1 | Factory Integrated |
| 39 | 008 | 8 | Servidores para Virtualización | 872475-B21 | HPE 300GB SAS 12G Enterprise 10K SFF (2.5in) SC 3yr Wty Digitally Signed Firmware HDD |
| 40 | 009 | 8 | Servidores para Virtualización | 872475-B21 0D1 | Factory Integrated |
| 41 | 010 | 4 | Servidores para Virtualización | P9D94A | HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter |
| 42 | 011 | 4 | Servidores para Virtualización | P9D94A 0D1 | Factory Integrated |
| 43 | 012 | 4 | Servidores para Virtualización | P01366-B21 | HPE 96W Smart Storage Battery (up to 20 Devices) with 145mm Cable Kit |

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|----|-----|---|--------------------------------|----------------|--|
| 44 | 013 | 4 | Servidores para Virtualización | P01366-B21 0D1 | Factory Integrated |
| 45 | 014 | 4 | Servidores para Virtualización | 804331-B21 | HPE Smart Array P408i-a SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS Modular Controller |
| 46 | 015 | 4 | Servidores para Virtualización | 804331-B21 0D1 | Factory Integrated |
| 47 | 016 | 4 | Servidores para Virtualización | 727054-B21 | HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter |
| 48 | 017 | 4 | Servidores para Virtualización | 727054-B21 0D1 | Factory Integrated |
| 49 | 018 | 8 | Servidores para Virtualización | 865414-B21 | HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit |
| 50 | 019 | 8 | Servidores para Virtualización | 865414-B21 0D1 | Factory Integrated |
| 51 | 020 | 8 | Servidores para Virtualización | AF573A | HPE C13 - C14 WW 250V 10Amp Flint Gray 2.0m Jumper Cord |
| 52 | 021 | 8 | Servidores para Virtualización | AF573A 0D1 | Factory Integrated |
| 53 | 022 | 4 | Servidores para Virtualización | BD505A | HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features |
| 54 | 023 | 4 | Servidores para Virtualización | BD505A 0D1 | Factory Integrated |
| 55 | 024 | 4 | Servidores para Virtualización | P11062-B21 | Microsoft Windows Server 2019 Datacenter Edition 16 Core with Reassignment Rights (ROK) |
| 56 | 025 | 4 | Servidores para Virtualización | P11067-DN1 | Microsoft Windows Server 2019 (16-Core) Datacenter Additional License en/fr/es/xc SW |
| 57 | 026 | 4 | Servidores para Virtualización | P11064-DN1 0D1 | Factory Integrated |
| 58 | 027 | 4 | Servidores para Virtualización | 867809-B21 | HPE Gen10 2U Bezel Kit |
| 59 | 028 | 4 | Servidores para Virtualización | 867809-B21 0D1 | Factory Integrated |
| 60 | 029 | 4 | Servidores para Virtualización | 875519-B21 | HPE Bezel Lock Kit |
| 61 | 030 | 4 | Servidores para Virtualización | 875519-B21 0D1 | Factory Integrated |
| 62 | 031 | 4 | Servidores para Virtualización | 733660-B21 | HPE 2U Small Form Factor Easy Install Rail Kit |
| 63 | 032 | 4 | Servidores para Virtualización | 733660-B21 0D1 | Factory Integrated |
| 64 | 033 | 8 | Servidores para Virtualización | BD711AAE | VMware vSphere Standard 1 Processor 3yr E-LTU |
| 65 | 034 | 1 | Servidores para Virtualización | P9U41AAE | VMware vCenter Server Standard for vSphere 3yr E-LTU |
| | | | | | Servicios y Soportes |
| 66 | 035 | 4 | Servidores para Virtualización | H1K92A3 | HPE 3Y Proactive Care 24x7 SVC |
| 67 | 036 | 8 | Servidores para Virtualización | H1K92A3 R5E | HPE VMw vSph Std 3yr Support |

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|----|-----|---|--------------------------------|-------------|--------------------------------------|
| 68 | 037 | 1 | Servidores para Virtualización | H1K92A3 R61 | HPE VMw vCntr Srv Std 3yr SW Support |
| 69 | 038 | 4 | Servidores para Virtualización | H1K92A3 R2M | HPE iLO Advanced Non-Blade Support |
| 70 | 039 | 4 | Servidores para Virtualización | H1K92A3 WAH | HPE DL38x Gen10 Support |

| No. Consecutivo | Partida | Cant. | Concepto | No. De Parte | Descripción |
|-----------------|---------|-------|-----------------------------|--------------|---|
| 71 | 001 | 1 | Almacenamiento centralizado | K2Q37B | HPE 3PAR 8200 2N+SW Storage Cent Base |
| 72 | 002 | 1 | Almacenamiento centralizado | E7Y71A | HPE 3PAR StoreServ 8000 SFF(2.5in) Field Integrated SAS Drive Enclosure |
| 73 | 003 | 24 | Almacenamiento centralizado | K2P89B | HPE 3PAR 8000 1.92TB+SW SFF SSD |
| 74 | 004 | 24 | Almacenamiento centralizado | K2P89B 0D1 | Factory Integrated |
| 75 | 005 | 12 | Almacenamiento centralizado | K2P94B | HPE 3PAR 8000 1.8TB+SW 10K SFF HDD |
| 76 | 006 | 12 | Almacenamiento centralizado | K2P94B 0D1 | Factory Integrated |
| 77 | 007 | 1 | Almacenamiento centralizado | L7F20AAE | HPE 3PAR All-in S-sys SW Current E-Media |
| 78 | 008 | 12 | Almacenamiento centralizado | H0JD6A1 | HPE Storage SSD Extended Replacement SVC |
| | | | | | Servicios y Soportes |
| 79 | 009 | 1 | Almacenamiento centralizado | H1K92A3 | HPE 3Y Proactive Care 24x7 SVC |
| 80 | 010 | 1 | Almacenamiento centralizado | H1K92A3 W3G | HPE 3PAR 8200 2N+SW Storage Base Support |
| 81 | 011 | 1 | Almacenamiento centralizado | H1K92A3 WSF | HPE Internal Entitlement Support |
| 82 | 012 | 24 | Almacenamiento centralizado | H1K92A3 X84 | HPE 3PAR 8000 1.8TB+SW 10K SFF HDD Supp |
| 83 | 013 | 12 | Almacenamiento centralizado | H1K92A3 X8J | HPE 3PAR 8000 1.92TB+SW SFF SSD Supp |
| 84 | 014 | 1 | Almacenamiento centralizado | H1K92A3 YTJ | HPE 3PAR 8000 Drive Encl Support |
| 85 | 015 | 1 | Almacenamiento centralizado | HA114A1 | HPE Installation and Startup SVC |
| 86 | 016 | 1 | Almacenamiento centralizado | HA114A1 5XZ | HPE Startup 3PAR 8000 Fld Int Dr Enc SVC |
| 87 | 017 | 1 | Almacenamiento centralizado | HA114A1 5XN | HPE Startup 3PAR 8200 2N StorCnt Bas SVC |
| 88 | 018 | 1 | Almacenamiento centralizado | HA124A1 | HPE Technical Installation Startup SVC |
| 89 | 019 | 1 | Almacenamiento centralizado | HA124A1 56W | HPE Startup 3PAR 8K All Inc Sngl Sys SVC |

| No. Consecutivo | Partida | Cant | Concepto | No. De Parte | Descripción |
|-----------------|---------|------|-----------------------------------|--------------|--|
| 90 | 001 | 2 | Switches de Red de Almacenamiento | QW937B | HPE SN3000B 16Gb 24-port/12-port Active Fibre Channel Switch |
| 91 | 002 | 2 | Switches de Red de Almacenamiento | QW937B 05Y | 2.4m Jumper (IEC320 C13/C14 M/F CEE 22) |
| 92 | 003 | 24 | Switches de Red de Almacenamiento | QK724A | HPE B-series 16Gb SFP+ Short Wave Transceiver |
| 93 | 004 | 24 | Switches de Red de Almacenamiento | QK724A 0D1 | Factory Integrated |
| 94 | 005 | 24 | Switches de Red de Almacenamiento | QK734A | HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 5m Cable |
| | | | | | Soportes |
| 95 | 006 | 1 | Switches de Red de Almacenamiento | H1K92A3 | HPE 3Y Proactive Care 24x7 SVC |
| 96 | 007 | 2 | Switches de Red de Almacenamiento | H1K92A3 ZHE | HPE SN3000B FC Switch Support |

SOLUCIÓN DE PROTECCIÓN DE DATOS Y REPLICACIÓN

| No. Consecutivo | Partida | Cant | Concepto | No. De Parte | Descripción |
|-----------------|---------|------|-------------------------|----------------|--|
| 97 | 001 | 1 | Servidor para Respaldos | 868705-B21 | HPE ProLiant DL380 Gen10 12LFF Configure-to-order Server |
| 98 | 002 | 1 | Servidor para Respaldos | 868705-B21 ABA | HPE DL380 Gen10 12LFF CTO Server |
| 99 | 003 | 1 | Servidor para Respaldos | 826852-L21 | HPE DL380 Gen10 Intel Xeon-Silver 4116 (2.1GHz/12-core/85W) FIO Processor Kit |
| 100 | 004 | 1 | Servidor para Respaldos | 815100-B21 | HPE 32GB (1x32GB) Dual Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit |
| 101 | 005 | 1 | Servidor para Respaldos | 815100-B21 0D1 | Factory Integrated |
| 102 | 006 | 10 | Servidor para Respaldos | 872487-B21 | HPE 4TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD |
| 103 | 007 | 10 | Servidor para Respaldos | 872487-B21 0D1 | Factory Integrated |
| 104 | 008 | 2 | Servidor para Respaldos | P09687-B21 | HPE 480GB SATA 6G Read Intensive LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD |
| 105 | 009 | 2 | Servidor para Respaldos | P09687-B21 0D1 | Factory Integrated |
| 106 | 010 | 1 | Servidor para Respaldos | P9D94A | HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter |
| 107 | 011 | 1 | Servidor para Respaldos | P9D94A 0D1 | Factory Integrated |
| 108 | 012 | 1 | Servidor para Respaldos | P01366-B21 | HPE 96W Smart Storage Battery (up to 20 Devices) with 145mm Cable Kit |

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|-----|-----|---|-------------------------|----------------|--|
| 109 | 013 | 1 | Servidor para RespalDOS | P01366-B21 0D1 | Factory Integrated |
| 110 | 014 | 1 | Servidor para RespalDOS | 804338-B21 | HPE Smart Array P816i-a SR Gen10 (16 Internal Lanes/4GB Cache/SmartCache) 12G SAS Modular Controller |
| 111 | 015 | 1 | Servidor para RespalDOS | 804338-B21 0D1 | Factory Integrated |
| 112 | 016 | 2 | Servidor para RespalDOS | 865414-B21 | HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit |
| 113 | 017 | 2 | 7 | 865414-B21 0D1 | Factory Integrated |
| 114 | 018 | 2 | Servidor para RespalDOS | AF573A | HPE C13 - C14 WW 250V 10Amp Flint Gray 2.0m Jumper Cord |
| 115 | 019 | 2 | Servidor para RespalDOS | AF573A 0D1 | Factory Integrated |
| 116 | 020 | 1 | Servidor para RespalDOS | BD505A | HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features |
| 117 | 021 | 1 | Servidor para RespalDOS | BD505A 0D1 | Factory Integrated |
| 118 | 022 | 4 | Servidor para RespalDOS | P11060-B21 | Microsoft Windows Server 2019 (16-Core) Standard FIO Not Pre-installed English SW |
| 119 | 023 | 1 | Servidor para RespalDOS | 733662-B21 | HPE 2U Large Form Factor Easy Install Rail Kit |
| 120 | 024 | 1 | Servidor para RespalDOS | 733662-B21 0D1 | Factory Integrated |
| | | | | | Soportes y Servicios |
| 121 | 025 | 1 | Servidor para RespalDOS | H1K92A3 | HPE 3Y Proactive Care 24x7 SVC |
| 122 | 026 | 1 | Servidor para RespalDOS | H1K92A3 R2M | HPE iLO Advanced Non-Blade |
| 123 | 027 | 1 | Servidor para RespalDOS | H1K92A3 WAH | HPE DL38x Gen10 Support |

| No. Consecutivo | Partida | Cant. | Concepto | No. De Parte | Descripción |
|-----------------|---------|-------|-----------------------|--------------|--|
| 124 | 001 | 14 | Software de RespalDOS | R3S14AAE | Veeam Backup and Replication Enterprise Plus 1yr Subscription 24x7 Support E-LTU |
| 125 | 002 | 14 | Software de RespalDOS | R0E82AAE | Veeam Backup and Replication Enterprise Plus Additional 2yr 24x7 Support |

| No. Consecutivo | Partida | Cant. | Concepto | No. De Parte | Descripción |
|-----------------|---------|-------|-----------------------------|--------------|---|
| 126 | 001 | 1 | Unidad de RespalDOS Externa | Q2R33A | HPE RDX 4TB External Disk Backup System |
| 127 | 002 | 4 | Unidad de RespalDOS Externa | Q2048A | HPE RDX 4TB Removable Disk Cartridge |
| | | | | | Soportes |
| 128 | 003 | 1 | Unidad de RespalDOS Externa | H1K92A3 | HPE 3Y Proactive Care 24x7 SVC |

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|-----|-----|---|-----------------------------|-------------|---|
| 129 | 004 | 1 | Unidad de Respaldos Externa | H1K92A3 9KZ | HPE RDX160 Ext Rem Disk Backup Sys Supp |
|-----|-----|---|-----------------------------|-------------|---|

SOLUCIÓN DE VIRTUALIZACIÓN DE ESCRITORIOS

| No. Consecutivo | Partida | Cant | Concepto | Descripción |
|-----------------|---------|------|---|-------------------------------------|
| 130 | 001 | 60 | Software para Virtualización de Escritorios | Usuarios Citrix licencia XenDesktop |
| 131 | 002 | 60 | Software para Virtualización de Escritorios | Licencia de VDA |
| 132 | 003 | 60 | Software para Virtualización de Escritorios | Windows 10 Pro |
| 133 | 004 | 1 | Software para Virtualización de Escritorios | Certificado |
| 134 | 005 | 2 | Software para Virtualización de Escritorios | Netscaler VPX 200 *Virtual |

DISASTER RECOVERY PLAN

SOLUCIÓN DE NETWORKING

| No. Consecutivo | Partida | Cant | Concepto | No. De Parte | Descripción |
|-----------------|---------|------|------------------|--------------|--|
| 135 | 001 | 2 | Switch de Acceso | JL256A | Aruba 2930F 48G PoE+ 4SFP+ Switch |
| 136 | 002 | 2 | Switch de Acceso | JL256A ABA | INCLUDED: Power Cord - U.S. localization |

| No. Consecutivo | Partida | Cant. | Concepto | No. De Parte | Descripción |
|-----------------|---------|-------|-------------|--------------|---|
| 137 | 001 | 2 | Switch Core | JL071A | Aruba 3810M 24G 1-slot Switch |
| 138 | 002 | 4 | Switch Core | JL085A | Aruba X371 12VDC 250W Power Supply |
| 139 | 003 | 4 | Switch Core | JL085A ABA | INCLUDED: Power Cord - U.S. localization |
| 140 | 004 | 2 | Switch Core | JL084A | Aruba 3810M 4-port Stacking Module |
| 141 | 005 | 2 | Switch Core | JL083A | Aruba 3810M/2930M 4SFP+ MACsec Module |
| 142 | 006 | 2 | Switch Core | JL448A | Aruba X2C2 RJ45 to DB9 Console Cable |
| 143 | 007 | 4 | Switch Core | J9578A | Aruba 3800/3810M 0.5m Stacking Cable |
| 144 | 008 | 4 | Switch Core | J9283D | Aruba 10G SFP+ to SFP+ 3M DAC Cable |
| 145 | 009 | 2 | Switch Core | H7J34A3#XPZ | HPE 3Y Foundation Care 24x7 Service - HPE Aruba 3810M 24G 1-slot Switch Supp [for JL071A] |

| No. Consecutivo | Partida | Cant. | Concepto | No. De Parte | Descripción |
|-----------------|---------|-------|-------------------------------------|--------------|---|
| 146 | 001 | 3 | Consola Administración de Red Local | JW546AAE | Aruba LIC-AW Aruba Airwave with RAPIDS and VisualRF 1 Device License E-LTU |
| 147 | 002 | 3 | Consola Administración de Red Local | H8A01A3#ZXZ | HPE 3Y Foundation Care NBD Exchange - HPE Aruba AirWave 1 Dev E-LTU Supp [for JW546AAE] |

SOLUCIÓN DE SEGURIDAD

| No. Consecutivo | Partida | Cant. | Concepto | No. De Parte | Descripción |
|-----------------|---------|-------|-----------|--------------------------|---|
| 148 | 001 | 1 | Firewalls | CPAP-SG5600-NGTX | 5600 Next Generation Threat Prevention & SandBlast (NGTX) Appliance |
| 149 | 002 | 1 | Firewalls | CPSB-NGTX-5600-2Y | Next Generation Threat Prevention & SandBlast (NGTX) Package subscription for 2 year for 5600 Appliance |
| 150 | 003 | 1 | Firewalls | CPSB-MOB-50 | Mobile Access Blade for 50 concurrent connections |
| 151 | 004 | 2 | Firewalls | CPAC-RAM8GB-5000-INSTALL | Memory Upgrade Kit from 8GB to 16GB for 5000 series appliances |
| 152 | 005 | 1 | Firewalls | CPES-SS-PREMIUM-ADD | Premium Direct Enterprise Support For 3 Years |

SOLUCIÓN DE VIRTUALIZACION DE SERVIDORES

| No. Consecutivo | Partida | Cant | Concepto | No. De Parte | Descripción |
|-----------------|---------|------|---------------------------------------|--------------|---|
| 153 | 001 | 4 | Accesorios para Servidores Existentes | 860689-B21 | HPE DL360 Gen10 Intel Xeon-Gold 6134 (3.2GHz/8-core/130W) Processor Kit |
| 154 | 002 | 12 | Accesorios para Servidores Existentes | 815100-B21 | HPE 32GB (1x32GB) Dual Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit |
| 155 | 003 | 3 | Accesorios para Servidores Existentes | P9D94A | HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter |
| 156 | 004 | 3 | Accesorios para Servidores Existentes | 727054-B21 | HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter |
| | | | | | Servicios |
| 157 | 005 | 1 | Accesorios para Servidores Existentes | HA113A1 | HPE Installation SVC |
| 158 | 006 | 6 | Accesorios para Servidores Existentes | HA113A1 5BW | HPE ProLiant Add on Options Install SVC |

| No. Consecutivo | Partida | Cant | Concepto | No. De Parte | Descripción |
|-----------------|---------|------|--|--------------|--|
| 159 | 001 | 1 | Software para Virtualización de Servidores | F6M30AAE | VMware vSphere Essentials Plus Kit 6 Processor 3yr E-LTU |
| | | | | | Soportes |
| 160 | 002 | 1 | Software para Virtualización de Servidores | H1K92A3 | HPE 3Y Proactive Care 24x7 SVC |

| | | | | | |
|-----|-----|---|--|-------------|----------------------------------|
| 161 | 003 | 1 | Software para Virtualización de Servidores | H1K92A3 S9R | HPE VMw vSph EssPlus 3yr Support |
|-----|-----|---|--|-------------|----------------------------------|

| No. Consecutivo | Partida | Cant. | Concepto | No. De Parte | Descripción |
|-----------------|---------|-------|-----------------------------|--------------|---|
| 162 | 001 | 1 | Almacenamiento centralizado | K2Q37B | HPE 3PAR 8200 2N+SW Storage Cent Base |
| 163 | 002 | 1 | Almacenamiento centralizado | E7Y71A | HPE 3PAR StoreServ 8000 SFF(2.5in) Field Integrated SAS Drive Enclosure |
| 164 | 003 | 16 | Almacenamiento centralizado | K2P89B | HPE 3PAR 8000 1.92TB+SW SFF SSD |
| 165 | 004 | 16 | Almacenamiento centralizado | K2P89B 0D1 | Factory Integrated |
| 166 | 005 | 8 | Almacenamiento centralizado | K2P94B | HPE 3PAR 8000 1.8TB+SW 10K SFF HDD |
| 167 | 006 | 8 | Almacenamiento centralizado | K2P94B 0D1 | Factory Integrated |
| 168 | 007 | 1 | Almacenamiento centralizado | L7F20AAE | HPE 3PAR All-in S-sys SW Current E-Media |
| 169 | 008 | 8 | Almacenamiento centralizado | H0JD6A1 | HPE Storage SSD Extended Replacement SVC |
| | | | | | Servicios y Soportes |
| 170 | 009 | 1 | Almacenamiento centralizado | H1K92A3 | HPE 3Y Proactive Care 24x7 SVC |
| 171 | 010 | 1 | Almacenamiento centralizado | H1K92A3 W3G | HPE 3PAR 8200 2N+SW Storage Base Support |
| 172 | 011 | 1 | Almacenamiento centralizado | H1K92A3 WSF | HPE Internal Entitlement Support |
| 173 | 012 | 16 | Almacenamiento centralizado | H1K92A3 X84 | HPE 3PAR 8000 1.8TB+SW 10K SFF HDD Supp |
| 174 | 013 | 8 | Almacenamiento centralizado | H1K92A3 X8J | HPE 3PAR 8000 1.92TB+SW SFF SSD Supp |
| 175 | 014 | 1 | Almacenamiento centralizado | H1K92A3 YTJ | HPE 3PAR 8000 Drive Encl Support |
| 176 | 015 | 1 | Almacenamiento centralizado | HA114A1 | HPE Installation and Startup SVC |
| 177 | 016 | 1 | Almacenamiento centralizado | HA114A1 5XZ | HPE Startup 3PAR 8000 Fid Int Dr Enc SVC |
| 178 | 017 | 1 | Almacenamiento centralizado | HA114A1 5XN | HPE Startup 3PAR 8200 2N StorCnt Bas SVC |
| 179 | 018 | 1 | Almacenamiento centralizado | HA124A1 | HPE Technical Installation Startup SVC |
| 180 | 019 | 1 | Almacenamiento centralizado | HA124A1 56W | HPE Startup 3PAR 8K All Inc Sngl Sys SVC |

| No. Consecutivo | Partida | Cant | Concepto | No. De Parte | Descripción |
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|-----------------|-----|----|-----------------------------------|-------------|--|
| 181 | 001 | 2 | Switches de Red de Almacenamiento | QW937B | HPE SN3000B 16Gb 24-port/12-port Active Fibre Channel Switch |
| 182 | 002 | 2 | Switches de Red de Almacenamiento | QW937B 05Y | 2.4m Jumper (IEC320 C13/C14 M/F CEE 22) |
| 183 | 003 | 24 | Switches de Red de Almacenamiento | QK724A | HPE B-series 16Gb SFP+ Short Wave Transceiver |
| 184 | 004 | 24 | Switches de Red de Almacenamiento | QK724A 0D1 | Factory Integrated |
| 185 | 005 | 24 | Switches de Red de Almacenamiento | QK734A | HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 5m Cable |
| Soportes | | | | | |
| 186 | 006 | 1 | Switches de Red de Almacenamiento | H1K92A3 | HPE 3Y Proactive Care 24x7 SVC |
| 187 | 007 | 2 | Switches de Red de Almacenamiento | H1K92A3 ZHE | HPE SN3000B FC Switch Support |

SOLUCIÓN DE PROTECCIÓN DE DATOS Y REPLICACIÓN

| No. Consecutivo | Partida | Cant. | Concepto | No. De Parte | Descripción |
|-----------------|---------|-------|-------------------------|----------------|--|
| 188 | 001 | 1 | Servidor para Respaldos | 868705-B21 | HPE ProLiant DL380 Gen10 12LFF Configure-to-order Server |
| 189 | 002 | 1 | Servidor para Respaldos | 868705-B21 ABA | HPE DL380 Gen10 12LFF CTO Server |
| 190 | 003 | 1 | Servidor para Respaldos | 826852-L21 | HPE DL380 Gen10 Intel Xeon-Silver 4116 (2.1GHz/12-core/85W) FIO Processor Kit |
| 191 | 004 | 1 | Servidor para Respaldos | 815100-B21 | HPE 32GB (1x32GB) Dual Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit |
| 192 | 005 | 1 | Servidor para Respaldos | 815100-B21 0D1 | Factory Integrated |
| 193 | 006 | 5 | Servidor para Respaldos | 872487-B21 | HPE 4TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD |
| 194 | 007 | 5 | Servidor para Respaldos | 872487-B21 0D1 | Factory Integrated |
| 195 | 008 | 2 | Servidor para Respaldos | P09687-B21 | HPE 480GB SATA 6G Read Intensive LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD |
| 196 | 009 | 2 | Servidor para Respaldos | P09687-B21 0D1 | Factory Integrated |
| 197 | 010 | 1 | Servidor para Respaldos | P9D94A | HPE StoreFabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter |
| 198 | 011 | 1 | Servidor para Respaldos | P9D94A 0D1 | Factory Integrated |
| 199 | 012 | 1 | Servidor para Respaldos | P01366-B21 | HPE 96W Smart Storage Battery (up to 20 Devices) with 145mm Cable Kit |
| 200 | 013 | 1 | Servidor para Respaldos | P01366-B21 0D1 | Factory Integrated |
| 201 | 014 | 1 | Servidor para Respaldos | 804338-B21 | HPE Smart Array P816i-a SR Gen10 (16 Internal Lanes/4GB Cache/SmartCache) 12G SAS Modular Controller |

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|-----|-----|---|-------------------------|----------------|---|
| 202 | 015 | 1 | Servidor para Respaldos | 804338-B21 0D1 | Factory Integrated |
| 203 | 016 | 2 | Servidor para Respaldos | 865414-B21 | HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit |
| 204 | 017 | 2 | Servidor para Respaldos | 865414-B21 0D1 | Factory Integrated |
| 205 | 018 | 2 | Servidor para Respaldos | AF573A | HPE C13 - C14 WW 250V 10Amp Flint Gray 2.0m Jumper Cord |
| 206 | 019 | 2 | Servidor para Respaldos | AF573A 0D1 | Factory Integrated |
| 207 | 020 | 1 | Servidor para Respaldos | BD505A | HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features |
| 208 | 021 | 1 | Servidor para Respaldos | BD505A 0D1 | Factory Integrated |
| 209 | 022 | 4 | Servidor para Respaldos | P11060-B21 | Microsoft Windows Server 2019 (16-Core) Standard FIO Not Pre-installed English SW |
| 210 | 023 | 1 | Servidor para Respaldos | 733662-B21 | HPE 2U Large Form Factor Easy Install Rail Kit |
| 211 | 024 | 1 | Servidor para Respaldos | 733662-B21 0D1 | Factory Integrated |
| | | | | | Soportes y Servicios |
| 212 | 025 | 1 | Servidor para Respaldos | H1K92A3 | HPE 3Y Proactive Care 24x7 SVC |
| 213 | 026 | 1 | Servidor para Respaldos | H1K92A3 R2M | HPE iLO Advanced Non-Blade Support |
| 214 | 027 | 1 | Servidor para Respaldos | H1K92A3 WAH | HPE DL38x Gen10 Support |

NO HABIENDO MÁS QUE AGREGAR, SE DA POR CONCLUIDA SIENDO LAS XXXXXX HORAS CON XXXXXX MINUTOS DEL XXXXXX DE XXXXXX DE DOS MIL VEINTE, CONSTANTE EN DOS FOJAS ÚTILES, FIRMANDO AL CALCE PARA SU DEBIDA CONSTANCIA LEGAL LOS PARTICIPANTES EN LA PRESENTE ACTA CIRCUNSTANCIADA. -----

-----CONSTE-----

ENTREGA

C. XXXXXXXXXXXXXXXXXXXXXXXX
 REPRESENTANTE DE LA EMPRESA XXXXXXXX

C. XXXXXXXXXXXXXXXXXXXXXXXX
 REPRESENTANTE DE LA EMPRESA XXXXXXXX

C. XXXXXXXXXXXXXXXXXXXXXXXX
 REPRESENTANTE DE LA EMPRESA XXXXXXXX

RECIBE

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