Universidad Nacional de Asunción
RECTORADO
www.una.py
C. Elect.: recsec@una.py
Telefax: 595 - 21 - 585548/3, 585546
CP. 2160 - San Lorenzo - Paraguay
Campus de la UNA, San Lorenzo - Paraguay

**CONTRATACIÓN DIRECTA N° 10/2020 PARA LA "ADQUISICIÓN DE UN EQUIPO INFORMÁTICO SERVIDOR RAIZ PARA EL CENTRO NACIONAL DE COMPUTACIÓN DEPENDIENTE DEL RECTORADO DE LA UNIVERSIDAD NACIONAL DE ASUNCIÓN" - ID N° 377 679**

**Cuadro Comparativo**

| ITEM | CODIGO DE CATALOGO | OBJETO DE GASTO | CAT. | ESPECIFICACIONES TÉCNICAS | | | UNIDAD DE MEDIDA | PRESENT. | CANTIDAD | PRECIO REF. UNITARIO | PRECIO TOTAL (IVA) INCLUIDO | MARCA | PROCE. | PRECIO UNITARIO | PRECIO TOTAL - (IVA) INCLUIDO | VAR. (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 43211501-001 | 540 | 24 | Processor/Procesador | Intel® Xeon® E-2100 product family, Intel Pentium®, Intel Core i3®, Intel Celeron® | | Unidad | Caja | 1 | 85.000.000 | 85.000.000 | DELL | USA | 89.000.000 | 89.000.000 | 4,71% |
| | | | | Memory/ Memoria | 4 x DDR4 DIMM slots, Supports UDIMM, up to 2666MT/s, 64GB Max. Supports registered ECC,16 Gb | | | | | | | | | | | |
| | | | | Storage controllers/ Controladoras de almacenamiento | Internal controllers: PERC H730P, H330, HBA330 (non-RAID) Software RAID: PERC S140 | | | | | | | | | | | |
| | | | | | External HBAs: 12Gbps SAS HBA (non-RAID) | | | | | | | | | | | |
| | | | | | Boot Optimized Storage Subsystem: 2x M.2 240GB (RAID 1 or No RAID), 1x M.2 240GB (No RAID only) | | | | | | | | | | | |
| | | | | | 2x1Tb sata | | | | | | | | | | | |
| | | | | Drive bays/ Bahías de unidades | Up to 4 x 3.5 cabled SATA, SAS (optional) or SSD* | | | | | | | | | | | |
| | | | | | Up to 4 x 3.5 or 2.5 hot-plug SATA, SAS (optional) or SSD* | | | | | | | | | | | |
| | | | | | *available in the hot-plug configuration | | | | | | | | | | | |
| | | | | Power supplies/ Fuentes de alimentación | Single 250W (Bronze) power supply | | | | | | | | | | | |
| | | | | Dimensions/ dimenciones | Form factor: Rack (1U) | Chassis width: 434.00mm (17.08 in) | | | | | | | | | | |
| | | | | | | Chassis depth: 595.63mm (23.45 in) (3.5" HHD config) | | | | | | | | | | |
| | | | | | | Note: These dimensions do not include: bezel, redundant PSU Chassis weight: 12.2 kg (26.89 lb.) | | | | | | | | | | |
| | | | | Embedded management/ administración integrada | iDRAC9 with Lifecycle Controller iDRAC Direct | | | | | | | | | | | |
| | | | | | iDRAC RESTful API with Redfish | | | | | | | | | | | |
| | | | | Bezel/ bizel | Optional security bezel | | | | | | | | | | | |
| | | | | OpenManage™ Software | OpenManage Enterprise | OpenManage Power Center | | | | | | | | | | |
| | | | | | OpenManage Essentials | OpenManage Mobile (requires OpenManage Enterprise) | | | | | | | | | | |
| | | | | Integrations and connections/ integración y conexiones | Integrations: | Connections: | | | | | | | | | | |
| | | | | | Microsoft® System Center | Nagios Core & Nagios XI | | | | | | | | | | |
| | | | | | VMware® vCenter™ | Micro Focus Operations Manager i (OMi) | | | | | | | | | | |
| | | | | | BMC Truesight (available from BMC) Red Hat Ansible | IBM Tivoli Netcool/OMNIbus | | | | | | | | | | |
| | | | | Tools/ herramientas | iDRAC Service Module OpenMana | IPMI Tool | | | | | | | | | | |
| | | | | Security/seguridad | TPM 1.2/2.0 optional Cryptographically signed firmware Silicon Root of Trust | Secure Boot | | | | | | | | | | |
| | | | | | | System Lockdown (requires OpenManage Enterprise) | | | | | | | | | | |
| | | | | | | System Erase | | | | | | | | | | |
| | | | | I/O & Ports/ I/O puertos | Networking Options: | 2 x PCIe Gen 3.0 slots: | | | | | | | | | | |
| | | | | | 2 x 1GbE LOM Network Interface Controller (NIC) ports | • One x8 slot low-profile, half-length with x4 slot width | | | | | | | | | | |
| | | | | | Front ports: | • One x16 slot low-profile/full-height, half-length | | | | | | | | | | |
| | | | | | 1x USB 2.0, 1 x IDRAC micro USB 2.0 management port | with x8 bandwith | | | | | | | | | | |
| | | | | | Rear ports: 2 x USB 3.0, VGA, serial connector | | | | | | | | | | | |
| | | | | Supported operating systems/ Sistema operativo compatible | Certify XenServer | SUSE® Linux Enterprise Server | | | | | | | | | | |
| | | | | | Citrix® XenServer® | VMware® ESXi | | | | | | | | | | |
| | | | | | Microsoft Windows Server® with Hyper-V Red Hat® Enterprise Linux | For specifications and interoperability details, | | | | | | | | | | |
| | | | | | Ubuntu Server | | | | | | | | | | | |
| | | | | OEM-ready version available/ version lista para fabricante de equipo original disponible | From bezel to BIOS to packaging, your servers can look and feel as if ~~they were designed~~ and built by you. | | | | | | | | | | | |
| | | | | Operating System: /Sistema operativo | Ubuntu Linux | | | | | | | | | | | |
| | | | | | | | | | | | | | Monto Total en Guaranies | | 89.000.000 | |

Lic. DERLIS RUBÉN DELEÓN ORTIZ
Director de Contrataciones
Dirección Gral. de Adm. y Finanzas - UNA

UNIVERSIDAD NACIONAL DE ASUNCIÓN
VITAM IMPENDERE VERO
1889
REPUBLICA DEL PARAGUAY

Prof. Dra. Zully Vera de Molinas
Rectora
Universidad Nacional de Asunción

Econ. Emerson Moisés Aguilar Ortiz
Director General
Dirección General de Administración y Finanzas
Universidad Nacional de Asunción