



BALANGA WATER DISTRICT
EGSA, Four-Lanes, Tuyo, Balanga City, Bataan 2100
Mobile No. +639-190-870-348

RFQ No.: 2023-017

REQUEST FOR QUOTATION

| | |
|--------------------------|---|
| Name of Supplier: | Please quote us your lowest price of the following articles subject to the terms and conditions contained herein: |
| Address: | |
| Tel. No.: | |
| Fax: | |
| | |

| Item No. | Unit | Item Description | Qty | Unit Cost | Amount |
|----------|------|--|-----|-----------|--------|
| | unit | Supply and delivery of One (1) unit NAS (Network-attached storage) Solution, Six (6) bay and Six (6) pieces NAS Hard Drive 2TB 3.5 inch for Balanga Water District | 1 | | |

TOTAL AMOUNT IN WORDS:

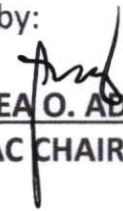
Quoted by:

Supplier

Terms & Conditions:

1. As a government agency, BLWD shall deal only with a legitimate suppliers/contractor which issue BIR-registered official receipt;
2. All quoted prices must be inclusive of 5% tax for materials & supplies; 6% for labor and 1% expanded withholding tax

Requested by:


AUREA O. ADRADOS
BAC CHAIRMAN

Noted by:


Engr. Charlito G. Rodriguez
General Manager

Item Description:

One (1) unit NAS (Network-attached storage) Solution, Six (6) bay

Six (6) pieces NAS Hard Drive 2TB 3.5 inch

NAS (Network-attached storage) Solution, Six (6) bay**Technical Specifications:****Hardware**

CPU AMD Ryzen™ V1500B quad-core 2.2 GHz

Hardware encryption engine Yes (AES-NI)

Memory 4 GB DDR4 ECC SODIMM (expandable up to 32 GB)

Compatible drive types

- 6 x 3.5" or 2.5" SATA HDD/SSD (drives not included)
- 2 x M.2 2280 NVMe SSD (drives not included)

Hot swappable drives Yes

External ports

- 3 x USB 3.2 Gen 1
- 2 x eSATA

Size (HxWxD) 166 x 282 x 243 mm

Weight 5.1 kg

LAN ports 4 x 1GbE RJ-45

Wake on LAN/WAN Yes

PCIe 3.0 slots

- 1 x 4-lane x8 slot
- Supports 10/25GbE network interface cards³

Scheduled power on/off Yes

System fans 2 (92 x 92 x 25 mm)

AC input power voltage 100 V to 240 V AC

Power consumption

- Access: 51.22 W
- HDD Hibernation: 25.27 W

Power frequency 50/60 Hz, single phase

Operating temperature 0°C to 40°C (32°F to 104°F)

Storage temperature -20°C to 60°C (-5°F to 140°F)

Relative humidity 5% to 95% RH

Maximum operating altitude 5,000 m (16,400 ft)

General DSM specification

Networking protocols SMB, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN™, L2TP)

File systems • Internal: Btrfs, ext4

- External: Btrfs, ext4, ext3, FAT32, NTFS, HFS+, exFAT9

Supported RAID types Synology Hybrid RAID (SHR), Basic, JBOD, RAID 0, RAID 1, RAID 5, RAID 6, RAID 10

Storage management

- Maximum single volume size: 108 TB
- Maximum system snapshots: 65,53610
- Maximum internal volumes: 64

SSD cache4

- Read/write cache support
- 2.5" SATA SSD support
- M.2 NVMe SSD support

File sharing capabilities

- Maximum local user accounts: 2,048
- Maximum local groups: 256
- Maximum shared folders: 512
- Maximum concurrent SMB/NFS/AFP/FTP connections: 1,000

Privileges Windows® Access Control List (ACL), application privileges

Directory services Connects with Windows® AD/LDAP servers enabling domain users to login via SMB/NFS/AFP/FTP/File Station using their existing credentials.

Virtualization VMware vSphere® 6.5, Microsoft Hyper-V®, Citrix® , OpenStack®

Security Firewall, shared folder encryption, SMB encryption, FTP over SSL/TLS, SFTP, rsync over SSH, login auto block, Let's Encrypt

support, HTTPS (customizable cipher suite)

Supported clients Windows® 7 and later, macOS® 10.12 and later

Supported browsers Chrome®, Firefox®, Edge®, Internet Explorer® 10 onwards, Safari® 10 onwards, Safari (iOS 10 onwards), Chrome (Android™ 6.0

onwards) on tablets

NAS Hard Drive 2TB 3.5 inch

Technical Specifications:

| | |
|-------------------------|---|
| Capacity: | 2TB |
| Interface: | SATA |
| Cache Size: | 64MB |
| Disk Speed (RPM): | 5640rpm |
| Connector: | SATA |
| Transfer Rate: | up to 215MB/s |
| Compatibility: | RAID-optimized NAS systems with up to 8 bays |
| Recording Technology: | CMR |
| Dimensions (L x W x H): | 146.99mm x 101.6mm x 26.11mm |
| Certifications: | BSMI, ICES-003/NMB-003, CE, FCC, KC, Maghreb, RCM, UKCA, VCCI, CB-Scheme, TUV, UL |