



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE



PURCHASE ORDER

ASTI-FM 03-17
 REV 3 / 10 October 2023

Supplier:	JASSEN HARRIS INDUSTRIES CORP.	PO No.:	24-06-122
Address:	1063 Tomas Mapua St., Brgy. 329 Zone 33, Sta. Cruz, Manila	PO Date:	June 05, 2024
TIN:	009-248-102-000	Mode of Procurement:	NP-53.9 Small Value Procurement

Gentleman:

Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery:	ASTI Bldg., C.P. Garcia Ave., U.P. Technology Park Complex, U.P. Campus, Diliman, Quezon City 1101	Delivery Term:	Thirty (30) calendar days upon issuance of NTP
Date of Delivery:	_____	Payment Term:	Government Terms
		Warranty Term:	_____

Stock / Property No.	Unit	Description	Quantity	Unit Cost	Amount
1	Unit	<p>Network-Attached Storage</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) unit of Network-Attached Storage, to be used by the MIS Unit for the storage of database and system backup files.</p> <p>1.2. The Approved Budget for the Contract is inclusive of all applicable government taxes and service charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. CPU</p> <p>2.1.1. AMD Ryzen R1600 dual-core (4-thread) or equivalent</p> <p>2.2. Memory</p> <p>2.2.1. minimum of 4 GB DDR4 ECC SODIMM which is expandable up to 32 GB</p> <p>2.3. Compatible Drive Types</p> <p>2.3.1. 4 x 3.5" or 2.5" SATA HDD/SSD</p> <p>2.3.2. 2 x M.2 2280 NVMe SSD</p> <p>2.4. External Ports</p> <p>2.4.1. at least 2 x USB 3.2 Gen 1 ports</p> <p>2.4.2. at least 1 x Expansion port (eSATA)</p> <p>2.5. Form Factor</p> <p>2.5.1. Desktop</p> <p>2.6. LAN Ports</p> <p>2.6.1. at least 2 x 1GbE RJ-45</p> <p>2.7. Network Expansion</p> <p>2.7.1. Supports E10G22-T1-Mini 10GbE RJ-45 Network Upgrade Module</p> <p>2.8. System Fans</p> <p>2.10.1. two (2) system fans</p> <p>2.11. AC Input Power Voltage</p> <p>2.11.1. 10 V to 240 V AC</p> <p>2.12. Power Frequency</p> <p>2.12.1. 50/60 Hz, Single Phase</p> <p>2.13. Supports networking protocols such as, but not limited to SMB, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, and VPN</p>	1	P54,880.00	P54,880.00

Postal Address : ASTI Bldg., U.P. Technology Park Complex, CP Garcia Ave., Diliman, Quezon City 1101
 Website : www.asti.dost.gov.ph
 Email : info@asti.dost.gov.ph

Tel No. : +632 8249-8500
 +632 8426-9755

(PPTP, OpenVPN™, L2TP)

2.14. File Systems

2.14.1. Internal: Btrfs, ext4

2.14.2. External: Btrfs, ext4, ext3, FAT32, NTFS, HFS+, exFAT

2.15. Supports RAID types like SHR, Basic, JBOD, RAID 0, RAID 1, RAID 5, RAID 6, and RAID 10

2.16. Storage Management

2.16.1. Single Volume Size: At least 108 TB

2.16.2. Number of System Snapshots: At least 65,536

2.16.3. Number of Internal Volumes: At least 64

2.17. SSD Cache

2.17.1. Read/Write cache support

2.17.2. M.2 NVMe and 2.5" SATA SSD support

2.18. File Sharing Capabilities

2.18.1. Number of Local User Accounts: At least 2,048

2.18.2. Number of Local Groups: At least 256

2.18.3. Number of Shared Folders: At least 512

2.18.4. Number of Concurrent SMB/NFS/AFP/FTP Connections: At least 1,000

2.19. Supports security such as, but not limited to Firewall, shared folder encryption, SMB encryption, FTP over SSL/TLS, SFTP, rsync over SSH, login auto block, Let's Encrypt support, and HTTPS (customizable cipher suite)

2.20. Supports browsers such as, but not limited to Google Chrome®, Firefox®, Microsoft Edge®, Safari® 13 and later, and Safari (iOS 13.0 and later) on iPad, Chrome (Android™ and later) on tablets

2.21. With two (2) units of 2 TB Hard Disk Drives

2.21.1. 3.5 inches

2.21.2. SATA 6 GB/s interface

2.21.3. 7200 RPM spin speed

2.21.4. 256 MB cache

2.21.5. At least 300,000 load or unload cycles

3. WARRANTY

3.1. Must carry at least one (1) year warranty.

3.2. Supplier warrants items against defects in manufacturing and shipping and delivery issues.

3.3. Replacement unit should be provided for defective units, seven (7) calendar days upon receipt of notice from the end-user and/or DOST-ASTI Property and Supply Section.

4. TERMS OF DELIVERY AND PAYMENT

4.1. The price of the supplier must be inclusive of government taxes and additional fees.

4.2. Delivery shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.

4.3. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.

(Please see attached quotation.)


			TOTAL:	₱54,880.00
(Total Amount in Words)			Fifty-Four Thousand Eight Hundred Eighty Pesos Only	

The contract price is inclusive of taxes and other fees or charges. In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, DOST-ASTI may rescind or terminate the contract, without prejudice to other courses of action and remedies available under the circumstances and in accordance with the provisions of the latest implementing rules and regulations of RA 9184.

Conforme:

Very Truly Yours,


(Signature over Printed Name of Supplier)



FRANZ A. DE LEON, Ph.D.
Director, DOST-ASTI

Digitally signed
by Bayani
Benjamin R. Lari

(Date)

Fund Cluster:	<u>01</u>	ORS / BURS No.:	<u>01101012024-06-000939</u>
Funds Available:	<u>Php 59,880.00</u>	ORS / BURS Date:	<u>JUNE 06, 2024</u>
		Amount:	<u>₱ 59,880.00</u>
 GAY CONCEPCION S. BUGAGAO _____ Accountant III			



05 June 2024

NOTICE TO PROCEED
ALTERNATIVE MODE OF PROCUREMENT

Mr. MIKE JASSEN T. SY
 President
JASSEN HARRIS INDUSTRIES CORP.
 1063 Tomas Mapua St.
 Brgy. 329, Zone 33
 Sta. Cruz Manila 1014

Dear Mr. Sy,

This Notice to Proceed is hereby issued for the following contract details:

Contract Name	:	Supply and Delivery of One (1) Unit Network-Attached Storage
Purchase Request No.	:	GAA-24-05-19166
Purchase / Work Order No.	:	24-06-122
Total Contract Price	:	₱54,880.00
(inclusive of taxes, import duties and all other charges or fees)		
Total Contract Price in Words	:	Fifty-Four Thousand Eight Hundred Eighty Pesos

Upon issuance of this Notice, your company, **JASSEN HARRIS INDUSTRIES CORP.** is hereby directed to commence the delivery of items and/or performance of services stipulated in the said Purchase Order which shall become due and demandable in accordance with the delivery schedule stipulated therein.

Please acknowledge receipt and acceptance of this Notice by signing in the space provided below. There are two (2) copies of this document; you may keep one copy and return the other to the Bids and Awards Committee (BAC) Secretariat of the Advanced Science and Technology Institute. Should you have any questions or clarifications, you may reach us at bac-sec@asti.dost.gov.ph.

Respectfully,


FRANZ A. DE LEON, Ph.D.
 Director

Digitally signed
 by Franz A. De Leon
 DN: cn=Franz A. De Leon, o=ASTI, ou=ASTI, email=franz@asti.dost.gov.ph

DATE OF ISSUANCE:

6-11-2024

RECEIVED BY:

Signature over Printed Name

Date and Time