



Republic of the Philippines
NATIONAL PRIVACY COMMISSION
BIDS AND AWARDS COMMITTEE

REQUEST FOR QUOTATION

CENTRAL DATA REPOSITORY BUNDLED WITH ENCRYPTION HARDWARE

08 December 2022

NOTICE TO ALL PROVIDERS/SUPPLIERS:

The National Privacy Commission intends to procure **CENTRAL DATA REPOSITORY BUNDLED WITH ENCRYPTION HARDWARE (APP 2021-0246)**. As such, providers or suppliers of known qualifications are hereby invited to submit their quotations/price proposals signed by your authorized representative not later than **5:00 P.M., December 13, 2022**.

The service providers/suppliers must also submit the following requirements:

1. Copy of Valid and Current Mayor's/Business Permit issued by the city or municipality where the principal place of business of the prospective bidder is located;
2. PhilGEPS Registration Number;
3. Notarized Omnibus Sworn Statement with applicable attachments¹;
4. Income Tax Return of the preceding year; and
5. Manifestation of compliance to the attached technical specification signed by your authorized representative.

Please submit your quotation together with the required documents via e-mail to bacsecretariat@privacy.gov.ph or via mail or courier in a sealed envelope to:

BIDS AND AWARDS COMMITTEE
5th Floor, Ang Kiukok Hall,
PICC Delegation Building, PICC Complex,
Roxas Boulevard Manila 1307

Sincerely,

ATTY. MA. FRANCES AIRA SY
BAC Secretariat Head
National Privacy Commission

¹ **NOTE:** Both the Omnibus Sworn Statement (OSS) and its attachment must specifically state the name of this procurement. Attached herein is the latest OSS template. Make sure that the "Jurat" of the sworn statement contains the details of the valid government issued ID of the affiant. Lastly, please make sure to submit its necessary attachments:

1. **If a sole proprietorship:** duly notarized Special Power of Attorney (if authorized representative)
2. **If a partnership, corporation, cooperative, or joint venture:** duly notarized Secretary's Certificate, Board/ Partnership Resolution, or Special Power of Attorney (whichever is applicable)

The original of this document is in digital format
NPC_BAC_RFQ-V1.0, R0.0, 05 May 2021

Ref No.: BAC-22-00760

5th Floor, Philippine International Convention Center, Vicente Sotto Avenue, Pasay City, Metro Manila 1307
URL: <https://www.privacy.gov.ph> Email Add: info@privacy.gov.ph Tel No. 8234-2228

**TECHNICAL SPECIFICATION
CENTRAL DATA REPOSITORY BUNDLED WITH ENCRYPTION HARDWARE**

| Item | Unit | Qty | Description/Specifications | Approved Budget of the Contract (Php 800,000.00) | | Compliance (Manifest your compliance by <u>writing</u> "COMPLY" in every item) |
|--|------|-----|---|--|-------|--|
| | | | | Unit Price | Total | |
| 1 | Lot | 1 | <ul style="list-style-type: none"> Please refer to the "Technical Specification" for: | | | |
| | | | 1. Technical Requirements/Specification | | | |
| | | | Item | | | |
| | | | Data Repository Hardware "See attached Technical Specification for the reference" | | | |
| | | | Encryption Hardware "See attached Technical Specification for the reference" | | | |
| | | | 2. Warranty, Support and Documentation Three (3) years of service, Software and Hardware warranty "See attached Technical Specification for the reference" | | | |
| 3. Service level Agreement "See attached Technical Specification for the reference" | | | | | | |
| 4. Contractor Qualifications Submit a detailed proposal containing the following: <ul style="list-style-type: none"> Product/solutions brochure with product specifications Schedule of Delivery Supplier's Warranty | | | | | | |
| 5. Payment and Delivery <ul style="list-style-type: none"> Full delivery not later than 15 December 2022 | | | | | | |
| TOTAL | | | | | | |

Instruction to bidders (as applicable):

- I. All prices shall be VAT inclusive.
- II. All quotations shall be written with the company's letterhead.
- III. Compliance must be stated by **writing "COMPLY" in EVERY requirement** mentioned above, failure to do so shall be a ground for disqualification.
- IV. Present the original Mayor's Permit and submit Certified True Copy of the eligibility documents and signed Quotation upon the scheduled signing of Notice of Award for inspection and verification.
- V. Acknowledgement of the Notice of Award shall be within five business (5) days from its issuance.

- VI. Delivery shall be made to NPC, 5th Floor, Philippine International Convention Center, Vicente Sotto Avenue, Pasay City, Metro Manila 1307
- VII. Full Delivery shall be on or before 15 December 2022.

CONFORME: _____
(Name of Supplier/Provider/Date)

BY: _____
(Name/Position/Signature of Representative/Date)



Republic of the Philippines
NATIONAL PRIVACY COMMISSION

TECHNICAL SPECIFICATION

CENTRAL DATA REPOSITORY BUNDLED WITH ENCRYPTION HARDWARE
(APP Item No. 2021 - 0246)

I. BACKGROUND & OBJECTIVES

Background:

The National Privacy Commission (NPC) is committed to foster and lead the country at the forefront of personal information and data security in faithful keeping of its sacred mandate to safeguard the confidentiality, integrity, and security of personal data in the Philippines. In pursuit of this objective, one of the needed Information Technology (IT) infrastructure for good data governance is maintaining an on premises data repository where sensitive or confidential information of the Commission are kept and secured from unauthorized access.

The CDR processes data like a Storage Area Network (SAN) whereby a stack of storage devices or digital tools is shared to select and authorized offices in the NPC through a high-speed intranet, for real-time data access, storage, and retrieval. This will in turn enable the NPC to treat the abovementioned CDR as a single collective resource that can be centrally replicated and protected through encryption, especially for sensitive data handled by the NPC.

Objectives:

1. To migrate NPC's sensitive data residing in the end-user devices and cloud storage to the CDR;
2. To protect NPC data in mission-critical information systems, database, and network services;
3. To serve as support in NPC initiatives and ICT undertakings under the NPC *ISSP* the need for reliable and secured data storage is elementary;
4. To observe compliance with data security industry standards and best practices.

II. SCOPE OF THE PROJECT

The project scope shall include supply /delivery of a CDR with hardware encryption solution to protect stored data.

Supply and delivery of CDR bundled with encryption hardware;

1. Document all systems and provide documentation to the NPC
2. All equipment should be brand new and cover three (3) years service, software and hardware warranty

III. CONTRACTOR QUALIFICATIONS

1. Must be registered with the Securities and Exchange Commission for corporations or with the Department of Trade and Industry for Sole proprietorships/partnerships;
2. Supplier and its team involved with the project shall sign a notarized confidentiality and non-disclosure agreement;
3. Supplier must be philgeps registered;
4. Submit detailed proposal containing the following:
 - a. Product/solutions brochure with product specifications;
 - b. Schedule of delivery and
 - c. Supplier's warranty

IV. TECHNICAL SPECIFICATION

A. Data Repository Hardware :

1. Product must have at least **1TB** of *Solid State Drive (SSD)* storage;
2. Support versatile operating system preferably developed 2020 onwards;
3. Capable of local backup and replication to the cloud;
4. Versatile storage virtualization capabilities;
5. Interoperable with third party **SAN fibre** channel director or switches **Host Bus Adapter (HBA)** is a preference.
6. Supports generic drivers and firmware from the SAN switch and **HBA** manufacturers is preferred; has *gigabit ethernet* ;
7. Solution write cache must be mirrored for highest data integrity and availability;
8. Fully redundant, hot- swappable components and non-disruptive subsystem microcode updates for all mainstream platforms is an advantage;
9. Must be able to support fibre channel (FC), network file system (NFS), Server Message Block (SMB)/Common Internet File System (CIFS) (including SMB 2.0) and internet Small Computer System Interface (iSCSI) protocols; must have at least 2 USB ports
10. Support global hot spare drives and/or

11. Will accommodate file level *encipherment* activities by other parties without affecting core systems performance .
12. Able to connect and attach multiple external heterogeneous enterprise and modular storage systems and/or;
13. Must have built-in virtualization capabilities and/or
14. Must support de-duplication and compression and/or
15. Must be protected against disk drive error and failure by enhanced RAID technologies and dynamic scrubbing and sparing and/or
16. Must be capable of replicating data from the primary to the secondary site for all internal storage as well as its virtualized storage and / or
17. Capability for checking and monitoring data space and encryption program and with the following minimum standards:
 - a. Processing Chip:
 - i. 8 core CPU
 - ii. 8 core GPU
 - iii. 16 core neural engines
 - b. Memory: 8GB to 16GB unified memory
 - c. Storage: at least 1TB SSD
 - d. Ports: thunderbolt 3, Gigabit Ethernet, HDMI 2.0, USB-A, 3.5mm headphone jack
 - e. Unified Architecture Memory must be able to access the same data with no need to swap between multiple sources of memory;
 - f. Product offered must have at least a 7430 multicore score in *geekbench* browser.
 - g. Access to repository is touch *ID* supported and/or capable;
 - h. Must come with at least 20" display monitor; capable of attaching second display unit;

B. Encryption Hardware

1. AES data encryption solely committed for line speed encryption and /or;
2. Compatible with the proposed CDR;
3. Must possess secure enclave with Touch ID management capabilities and storage controller with AES encryption hardware. Presence of 1 or 2 of these standards and protocols
 Symmetrical encryption: AES 128 bit, AES 256 bit, XTS-AES 128 bit, XTS-AES 256 bit
 Asymmetrical encryption: RSA (PKCS#1)
 Hash functions: SHA-1, SHA-256, SHA-384, SHA-512
 Password hashing: PKCS #5
 Protocols and interfaces: PKCS #11, PKCS #15, LDAP, Microsoft Cryptographic Service Provider (CSP), SOAP, XML, SSL, TCG, CCID, Kerberos
 PKI: PKCS #7, PKCS #12, X.509 Certificates

C. Warranty, Support and Documentation

1. Provider must be able to provide customer support, via 24/7 live chat and email for the end-user for *three (3)* years;

2. Product must have documentation available online;
3. Must provide reference or links to documents such as manual of operations, worksheets, or a wiki/knowledge management web resource or product details and/or manual *Manufacturers Brochure*
4. Product warranty and replacement for three (3) years. Supplier to issue certificate for three (3) year product and service warranty for 3 years.

Service Level Agreement

1. Technical support assistance must respond via telephone or email to resolve Data Encryption technical issues encountered, in which case severity levels are indicated below:
 - a. Severity Level 1 categorized as Minor - the issue must be resolved within one (1) hour after initial report to the service desk or customer support.
 - b. Severity Level 2 categorized as Major - the issue must be resolved at the soonest possible time (within 2 hours).
 - c. Severity Level 3 categorized as Critical - the issue must be resolved immediately (within 4 hours).

V. PAYMENT AND DELIVERY

Delivery shall be consistent with the following schedule of requirements:

| Item | Quantity | Date of Delivery | Supporting Documents |
|--|-------------|-------------------|----------------------|
| Central Data Repository Bundled with Encryption Hardware for Sensitive Data of the NPC | One (1) lot | December 15, 2022 | Instruction manual |

Place of Delivery: NPC, 5th Floor, Philippine International Convention Center, Vicente Sotto Avenue, Pasay City, Metro Manila 1307

Payment shall be made when the Goods have been delivered by the signed contract and instructions and upon issuance of Inspection and Acceptance Report by the *End- User* and Inspection Committee.

VI. MODE AND NATURE OF PROCUREMENT

This shall be procurement of Goods.

The mode of procurement shall be made *via* Alternative modes of Procurement: Small Value Procurement


VII. FUND SOURCE AND APPROVED BUDGET FOR THE CONTRACT (ABC)

Source of Fund : Continuing General Appropriations Act FY2021 (RA11640)
NPC Continuing Annual Procurement Plan for FY 2021 (APP
Item No. 2021-0246)

ISSP : NPC ISSP 2021-2023 (Network Attached Storage)

Approved Budget : Approved Budget for the Contract is Eight Hundred
for the Contract Thousand Philippine Pesos only (Php800,000.00).

Prepared by:

 Digitally signed
by Groyon Kevin
Crust Baliola

KEVIN CRUST B. GROYON
ATTY III, DASCO

Recommending Approval by:

 Digitally signed by
McCloven C. Querubin

ENGR. MCCLOVEN C. QUERUBIN
Chief, DSTSD

Approved by:

 Digitally
signed by
Nieva Aubin
Arn Romero

AUBIN ARN R. NIEVA
Director IV, DASCO

Omnibus Sworn Statement (Revised)
[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling**

interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
6. *[Select one, delete the rest:]*

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. [Name of Bidder] complies with existing labor laws and standards; and
8. [Name of Bidder] is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this ___ day of ___, 20__ at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

SUBSCRIBED AND SWORN TO before me this _____ day of _____ 20__ at _____, affiant having exhibited to me his/her _____ issued on/valid until _____.

Doc. No.: _____

Page No. _____

Book No.: _____

Series of 20_____