



BIDS AND AWARDS COMMITTEE

Supplemental/Bid Bulletin No. 1

**PROCUREMENT OF MANAGED SERVICES FOR THE ESTABLISHMENT OF A
BUSINESS CONTINUITY AND DISASTER RECOVERY (BCDR) SITE INFORMATION
TECHNOLOGY (IT) INFRASTRUCTURE FOR THE DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES (DENR)
Bid Ref. No. DENR-CO-2024-032**

Approved Budget for the Contract: P13,900,000.00

This **Supplemental/Bid Bulletin No. 1** is being issued to respond to clarifications/requests sent via email and raised by prospective bidders during the Pre-Bid Conference held on 05 September 2024 online via Google Meet Platform and to revise provisions/specifications in the Bidding Documents for the above cited project:

A. Response to clarifications/requests of prospective bidders:	
CLARIFICATION/REQUEST	RESPONSE
<p>Network Switch (Core) <i>Modular uplink (10G)</i></p> <p>-Could you please clarify if this refers to 10G fiber or copper?</p>	<p>Specification is being updated to “Modular uplink (10G) Fiber Optic”</p> <p><i>[See attached Terms of Reference (TOR) as of 11 September 2024.]</i></p>
<p>Network Switch (Core) <i>10 GE Network Module (8 slots)</i></p> <p>-Could you please confirm if this refers to a transceiver? If so, is it 10G MMF or SMF? Additionally, do we need to populate all 8 slots for the transceivers?</p> <p>-If it's not a transceiver, are you referring to the modular uplink with 8 slots?</p>	<p>Specification is being updated to “10 GE Network Module (4 slots) w/ 4 x 10G MMF Transceivers”, stating the inclusion of transceivers.</p> <p><i>(See attached TOR as of 11 September 2024.)</i></p>
<p>Network Switch (Access)</p> <p>-Is a transceiver needed? If so, could you please provide the type, speed, and mode of the transceiver (e.g., 10G MMF)?</p>	<p>Specification is being updated to “4x1G fixed uplink Fiber Optic w/ 4 x 1G MMF transceivers”, stating the inclusion of transceivers.</p> <p><i>(See attached TOR as of 11 September 2024.)</i></p>

CLARIFICATION/REQUEST	RESPONSE
<p>Wireless LAN Controller <i>Fixed Uplink: 2 x 10G</i></p> <p>-Could you please confirm if the required Fixed Uplink (2 x 10G) is copper or fiber?</p> <p>-Is a transceiver needed? If so, could you please provide the type, speed, and mode of the transceiver (e.g., 10G MMF)?</p>	<p>Specification is being updated to “Fixed Uplink: 2 x 10G Fiber Optic w/ 2x 10G MMF Transceivers (if applicable)”</p> <p><i>(See attached TOR as of 11 September 2024.)</i></p>
<p>Wireless LAN Controller <i>License for 20 APs (Minimum)</i></p> <p>-Could you please specify which license is needed for this?</p> <p>-If the controller is capable of managing the access points without requiring an additional license, should we consider omitting the license requirement from Technical specification?</p> <p>-If so, we humbly ask to change the requirement from “License for 20 APs (Minimum)” to “License for 20 APs (Minimum) if applicable”</p>	<p>Specification is being updated to “License for 20 APs (Minimum) (if applicable)”</p> <p><i>(See attached TOR as of 11 September 2024.)</i></p>
<p>How many years of support are provided: 1, 3, or 5 years?</p>	<p>Please see the attached TOR as of 11 September 2024 - Maintenance and Support Services, with statement:</p> <p><i>“The service provider shall submit a Proof of Maintenance and Support, for the maintenance and support services, valid for one (1) year after the project implementation sign-off.”</i></p>
<p>Micro Datacenter</p> <p>-Where is the electrical tapping point?</p> <p>-Is there enough electrical tapping point for the micro data center?</p> <p>-Who will provide electrical feeder line, and breakers as it is not mentioned on the TOR?</p> <p>-What is the required warranty for micro data center and ups?</p>	<p>-Electrical tapping was discussed during ocular inspection & floor map.</p> <p>-Also, there is enough electrical tapping point for Microdata Center as per NGAC inspection.</p> <p>-Feeder line and breaker will be included in the deliverables.</p> <p>-One (1) warranty.</p>

CLARIFICATION/REQUEST	RESPONSE
<p>Firewall Dual Power Supply</p> <p>-Is the dual power supply required to be built in or we can offer a modular power supply?</p>	<p>Specification is being updated to “Dual/Modular Power Supply”</p> <p><i>(See attached TOR as of 11 September 2024.)</i></p>
<p>Must be compatible with the existing firewall of DENR.</p> <p>-Compatible in what context? For high availability? For Site to Site VPN?</p>	<p>Specification is being updated to “Must be compatible with existing NGFW of DENR Collocation Service on Site-to-site VPN”</p> <p><i>(See attached TOR as of 11 September 2024.)</i></p>

B. Revisions to provisions/specifications in the Bidding Documents:

FROM	TO
<p><i>Similar project shall mean “Network and Data Center Managed Services.”</i></p>	<p><i>Similar project shall mean “Network and/or Data Center Services.”</i></p>

SECTION III. BID DATA SHEET

<table border="1"> <tr> <td data-bbox="92 1189 167 1480">20.2</td> <td data-bbox="167 1189 751 1480">1.d) Audited Financial Statements (AFS) for CY 2023 received (with stamped receipt or with attached copy of acknowledgment thru email) by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions dated CY 2024;</td> </tr> </table>	20.2	1.d) Audited Financial Statements (AFS) for CY 2023 received (with stamped receipt or with attached copy of acknowledgment thru email) by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions dated CY 2024;	<table border="1"> <tr> <td data-bbox="810 1189 885 1989">20.2</td> <td data-bbox="885 1189 1469 1989"> <p>1.d) Audited Financial Statements (AFS) for CY 2023 received (with stamped receipt or with attached copy of acknowledgment thru email) by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions dated CY 2024;</p> <p>Note: For corporations filing Audited Financial Statement (AFS) on a fiscal year, must attach copies of the following documents:</p> <ul style="list-style-type: none"> i. Application for Registration (BIR Form No. 1903) with a stamp of receipt by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions; and ii. Latest AFS (with a stamp of receipt or with attached copy of acknowledgment thru email) by the BIR or its duly accredited and authorized institutions. </td> </tr> </table>	20.2	<p>1.d) Audited Financial Statements (AFS) for CY 2023 received (with stamped receipt or with attached copy of acknowledgment thru email) by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions dated CY 2024;</p> <p>Note: For corporations filing Audited Financial Statement (AFS) on a fiscal year, must attach copies of the following documents:</p> <ul style="list-style-type: none"> i. Application for Registration (BIR Form No. 1903) with a stamp of receipt by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions; and ii. Latest AFS (with a stamp of receipt or with attached copy of acknowledgment thru email) by the BIR or its duly accredited and authorized institutions.
20.2	1.d) Audited Financial Statements (AFS) for CY 2023 received (with stamped receipt or with attached copy of acknowledgment thru email) by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions dated CY 2024;				
20.2	<p>1.d) Audited Financial Statements (AFS) for CY 2023 received (with stamped receipt or with attached copy of acknowledgment thru email) by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions dated CY 2024;</p> <p>Note: For corporations filing Audited Financial Statement (AFS) on a fiscal year, must attach copies of the following documents:</p> <ul style="list-style-type: none"> i. Application for Registration (BIR Form No. 1903) with a stamp of receipt by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions; and ii. Latest AFS (with a stamp of receipt or with attached copy of acknowledgment thru email) by the BIR or its duly accredited and authorized institutions. 				

FROM		TO				
20.2	2.c) List of names of the following personnel who are currently employed by the service provider, with attached copies of documentary requirements detailed below:		20.2	2.c) List of names of the following personnel who are currently employed by the service provider, with attached copies of documentary requirements detailed below:		
	Key Personnel	Required Number of Years of Employment in the Service Provider's Company		Key Personnel	Required Number of Years of Employment in the Service Provider's Company	Documentary Requirements
	Project Management Team					
	One (1) Head Project Manager	Two (2) Years		<ul style="list-style-type: none"> Curriculum Vitae. Company-issued ID. Certificate of Employment issued by the service provider's HR Department. Proof of SSS Premium Remittances for the past two (2) years. Valid Certification in its field of expertise. List of completed/ongoing projects relative to project management, from year 2019 to 2024 [at least one (1) project per year] with attached copies of contracts, to show five (5) continuous years of experience in project management. 	<ul style="list-style-type: none"> Curriculum Vitae. Company-issued ID. Certificate of Employment issued by the service provider's HR Department. Proof of SSS Premium Remittances for the past two (2) years. Valid Certification in its field of expertise. Copies of at least two (2) completed contracts dated 2019 or earlier as proof of five (5) years of experience in project management. 	
	One (1) Assistant Project Manager	Two (2) Years		<ul style="list-style-type: none"> Curriculum Vitae. Company-issued ID. Certificate of Employment issued by the service provider's HR Department. Proof of SSS Premium Remittances for the past two (2) years. Valid Certification in its field of expertise. 	<ul style="list-style-type: none"> Curriculum Vitae. Company-issued ID. Certificate of Employment issued by the service provider's HR Department. Proof of SSS Premium Remittances for the past two (2) years. Valid Certification in its field of expertise. 	
Other Personnel						
One (1) Certified Network Security Engineer, or Firewall Architect, or equivalent, for the brand/solutions being offered	Two (2) Years	<ul style="list-style-type: none"> Curriculum Vitae. Company-issued ID. Certificate of Employment issued by the service provider's HR Department. Proof of SSS Premium Remittances for the past two (2) years. Valid Certification in its field of expertise. 	<ul style="list-style-type: none"> Curriculum Vitae. Company-issued ID. Certificate of Employment issued by the service provider's HR Department. Proof of SSS Premium Remittances for the past two (2) years. Valid Certification in its field of expertise. 			
One (1) Certified Data Centre Professional (CDCP) and/or One (1) Certified Data Centre Specialist (CDCS)	Two (2) Years	<ul style="list-style-type: none"> Curriculum Vitae. Company-issued ID. Certificate of Employment issued by the service provider's HR Department. Proof of SSS Premium Remittances for the past two (2) years. Valid Certification in its field of expertise. List of completed/ongoing projects relative to project management, from year 2021 to 2024 [at least one (1) project per year] with attached copies of contracts, to show three (3) continuous years of experience in the field of expertise. 	<ul style="list-style-type: none"> Curriculum Vitae. Company-issued ID. Certificate of Employment issued by the service provider's HR Department. Proof of SSS Premium Remittances for the past two (2) years. Valid Certification in its field of expertise. Copies of at least two (2) completed contracts dated 2021 or earlier as proof of three (3) years of experience as CDCP and/or CDCS. 			

FROM	TO
SECTION VI. SCHEDULE OF REQUIREMENTS	
Section VI. Schedule of Requirements (Terms of Reference as of 31 July 2024)	Revised Section VI. Schedule of Requirements (Terms of Reference as of 11 September 2024)
SECTION VII. TECHNICAL SPECIFICATIONS	
Section VII. Technical Specifications	Revised Section VII. Technical Specifications

Bidders are advised to use the following forms and submit together with all the other required documents for the submission of bids on **20 September 2024 (Friday), 9:30 AM:**

- 1. Revised Section VI. Schedule of Requirements (Terms of Reference as of 11 September 2024)**
- 2. Revised Section VII. Technical Specifications**

Also, please use the **Revised Checklist of Technical and Financial Documents** as a guide/reference.

This Supplemental/Bid Bulletin No. 1 shall form part of the Bidding Documents. Any provisions in the Bidding Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For guidance and information of all concerned.

Issued this 13th of September 2024 in Quezon City.

Approved by:

(sgd.)

NORLITO A. ENERAN, LL. M., CESO III

Assistant Secretary for Legal Affairs and Enforcement &
Vice Chairperson, Bids and Awards Committee

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.

(page 1 of 11)

Revised Section VI. Schedule of Requirements

Instruction to Bidders: *Please fill up the form accordingly and sign the Bidder's Undertaking. Failure to conform will result in a rating of "FAILED".*

A. TERMS OF REFERENCE AS OF 11 September 2024

TERMS OF REFERENCE

As of 11 September 2024

Procurement of Managed Services for the Establishment of a Business Continuity and Disaster Recovery Site (BCDR) Information Technology (IT) Infrastructure for the Department of Environment and Natural Resources (DENR)

I. RATIONALE

Given the need to maintain critical operations during disruptions, the DENR recognizes the importance of having an alternative work site or a redundancy office. This site allows employees to work remotely or temporarily relocate, ensuring that essential business functions continue seamlessly. Whether faced with natural disasters, pandemics, or other unforeseen events, the alternative work site serves as a strategic solution. Currently, DENR has an existing alternative work site located in Capas, Tarlac. This project aims to jumpstart the setup of necessary ICT infrastructure to support this site effectively.

II. APPROVED BUDGET OF THE CONTRACT

The total ABC for the project is **PhP13,900,000.00** inclusive of all applicable government taxes and service charges.

III. PROJECT DESCRIPTION

Initial Phase of the establishment of a BCDR IT Infrastructure at the DENR Redundancy Office through managed services which composes of the following components:

- A. Establishment of mini data center
- B. Assessment of power requirements
- C. Network design and Structure cabling
- D. Provision of necessary network and security devices

IV. QUALIFICATION OF SERVICE PROVIDER

- A. Service Provider must have completed at least one (1) contract similar or related to the project on which the value must be equivalent to at least fifty (50%) percent of the ABC. For this purpose, a similar contract shall mean (Network and/or Data Center Services).
- B. Must be ten (10) years in ICT industry specialized in the field of establishment of ICT facilities such as server room and structured cabling.
- C. Service Provider must be an Authorized Dealer/reseller of the brand/solutions being offered. A Certificate of the partnership shall be submitted during post-qualification.
- D. Service Provider must have at least:

Visayas Avenue, Diliman, Quezon City 1100, Philippines
www.denr.gov.ph

- One (1) Certified Network Security Engineer, or Firewall Architect, or equivalent for the Brand/Solutions Being Offered.
- One (1) Certified Data Centre Professional (CDCP) and/or One (1) Certified Data Centre Specialist (CDCS) with a minimum of three (3) years of experience in the implementation of this project.
- Both must be two (2) years employed in the company.

E. Service Provider must have a project management team to assure smooth implementation of the project: composed of at least one (1) Head Project Manager with at least five (5) year experience in project management, one (1) Assistant Project Manager-during the implementation to oversee the project. Both must be two (2) years employed in the company.

F. Service Provider must have a 24/7 helpdesk system via phone and email support that includes:

- Single point of Contact for Problem Reporting
- Technical Engineer Dispatch Facility
- Case Logging and Monitoring
- Technical Support History and Reporting

V. PROJECT DELIVERABLES

A. Scope of Service

1. Provision of a Micro/Mini Datacenter (DC) to the Redundancy Office² (see ANNEX A for minimum specification)
2. Provision of Next Generation Firewall (NGFW), Core Switch, Access Switch, Wireless LAN Controller and Wireless Access Points (AP) (see ANNEX A for minimum specification).
3. Horizontal Structured Cabling for ten (10) APs and ten(10) Network Nodes.²

² See ANNEX B for Floor Layout. Service Providers are required to conduct a site inspection to gauge the actual bill of materials, labor, and services required for the project. The end-user or through his/her representative shall issue a Certificate of Site Inspection/Survey/Ocular for the service provider. Site inspection shall be conducted before the schedule of submission and opening of bids.

B. Pre-implementation

Compliance before any action taken or before installation works.

1. Submission of **Method of Procedure (MOP)**. The end-user/end-user representative shall review the MOP and sign it as approval. Once approved installation, configuration, testing, and acceptance shall follow.
2. Submission of Delivery Receipt (DR) for the Hardware Requirements.

C. Implementation and Testing

The installation and configuration shall follow what is written in the MOP. Any deviation by the service provider's technical team during the execution of the MOP should be coordinated with the End-user/End-user representative. It is the End-user/End-user representative's discretion if such deviations are considered minor or major. Minor deviations shall only require an initial on the concerned line item while major ones shall require revision of the MOP and another round of review and approval.

Note: The service provider shall be responsible for installing or modifying network components and other systems as required. This includes physical and logical connections with related hardware. As such, additional costs that will incur shall also be on the service provider's account.

The testing and acceptance shall be conducted by the following:

1. The testing will be undertaken for a period of two (2) calendar days upon installation and will be attested to by NIMD Staff.
2. If any of the foregoing conditions are not met, the count of the testing period shall be restarted until all conditions have been duly satisfied continuously for two (2) calendar days.
3. During the testing period, the service provider shall not be held liable for performance degradation/interruptions that are beyond its control such as power outages and malfunction of DENR's equipment.

The service provider shall submit an **Implementation Activity Summary Report** that indicates all activities are done during the implementation and testing.

Contains the following fundamental elements:

1. Project Name
2. Inclusive Dates
3. Description of the Activity
4. Issues/Problems encountered (if any)
5. Solutions Applied (if any)
6. Status of the Activity
7. Acknowledged by both the end-user and service provider.

Note: Other elements such as test results, startup procedures, and/or commissioning activities can be added/included/attached by the service provider depending on their proposal and subject to approval by the end-user/end-user representative.

D. Training

Knowledge transfer training for five (5) designated NIMD Staff.

1. Submission of a **Training Certificate** or a **Voucher** valid for one (1) year from receipt of the Notice to Proceed (NTP).
2. All expenses relative to the training shall be for the service provider's account.

E. Project Implementation Sign-Off

The service provider shall submit a **Project Implementation Sign-Off Sheet**, containing the following fundamental elements:

1. A statement indicating the purpose of the paper is to 'signify the end of the project implementation.'

Note: this can be worded in any way, but should be deemed communicable, at the very least, in the form of the title

2. Name of the project.
3. All relevant dates.
4. Key roles in the project.

5. Project deliverables.
6. Acknowledged by both the end-user and service provider.

VI. MAINTENANCE AND SUPPORT SERVICES

The service provider shall submit a **Proof of Maintenance and Support**, for the maintenance and support services, valid for one (1) year after the project implementation sign-off and shall cover the following:

1. Hardware (parts and service), subscription, and technical support.
2. Workmanship (structured cabling)
3. 24/7 Email, phone, and remote support (Response Time: within 30 minutes).
4. On-site Support (Response Time: less than 24 hours).
5. Software/firmware upgrade and updates.
6. Full replacement of defective equipment, items, and materials including parts and labor, free of charge.

Note: The service Provider shall not be held liable for defective equipment caused by force majeure

During the Maintenance Period, the following services are also required:

1. The winning service provider shall immediately attend to service calls of DENR (corrective maintenance) by providing immediate telephone, remote, and/or on-site support to diagnose and remedy the reported incident. A **Service Report** shall be submitted after every corrective maintenance.
2. The winning service provider shall perform a routine preventive maintenance (PM) program on the equipment at the site every six (6) months. The parties shall mutually agree upon the specific date and time for each preventive maintenance activity hereon. A **PM Report** shall be submitted after every PM.
3. The winning service provider shall provide hardware and software Support - A post-warranty support and maintenance services will be in effect during the maintenance period and shall cover the following:
 - The winning service provider shall supply the necessary spare parts and units to maintain the equipment covered in this period hereof to its proper working condition.
 - Return Material Authorization (RMA) for defective and non-repairable equipment (60 days turnaround time).
 - A service or replacement unit (Delivery: within 3 days) of the same or alternative specification as that of the defective equipment shall be provided while the equipment is undergoing RMA. Spare units may be brand-new or refurbished units in good working condition.
 - For any fault call regarding Software concerns, the winning service provider will remotely access the equipment to do trouble-shooting and fault-fixing. If required, available software patching for bug fixes provided by the Principal will be done.
 - The winning service provider will interface and coordinate with the Business Partner representative until the issue has been resolved. Regular updates of fault/issue rectification will be provided.

Note: The winning service provider shall shoulder all the costs related to the repair and shipment of the equipment subject to RMA.

4. Provide DENR with a recommendation for the improvement of its Redundant Office ICT Infrastructure.

5. Provide notification, recommendation, and assistance in handling End-of-Life (EOL) and End-of-Support (EOS) milestones of the equipment covered under this project.
6. Provide support to DENR's network staff and personnel should a required set-up and/or configuration be needed on the infrastructure.
7. Provide networking software maintenance updates for minor and/or major releases and encountered vulnerabilities during maintenance.

VII. SUBMITTALS DURING POST-QUALIFICATION

- A. Shall submit a copy of the purchase order or certificate of completion for the required completed contract similar to this project.
- B. Shall submit a certificate of partnership as an authorized dealer/reseller of the brand/solutions being offered.
- C. Shall submit proof of employment including individual CVs, company ID and copies of valid certificates for certified personnel and project managers.
- D. Shall submit certification, stating that they are capable of providing a 24/7 helpdesk system via phone and email support that includes:
 - Single point of Contact for Problem Reporting
 - Technical Engineer Dispatch Facility
 - Case Logging and Monitoring
 - Technical Support History and Reporting
- E. Shall submit Technical Support Organizational Structure and Escalation Level detailing the escalation procedure; the person responsible for restoring service due to outages and his/her contact details (i.e. contact person, position, contact numbers, and email address)

VIII. LOCATIONS

The implementation site will be at the DENR Redundancy Office located on the 7th Floor (see ANNEX B) of the North Building National Government Administrative Center (NGAC), New Clark City, Capas Tarlac.

IX. DUTIES AND RESPONSIBILITIES OF THE DENR

- A. Grant the winning service provider's authorized representative access to its premises, equipment, and facilities located therein to perform its obligations, provided that such representative shall be accompanied by the duly assigned NIMD personnel; and
- B. Monitor the provided services and verify if the parameters under the Service Level are met and performed by the winning service provider.

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.

(page 6 of 11)

X. TERMS OF PAYMENT

DENR shall pay the service provider for its services. The payments for the services will be done as stated in the table below.


Timeline	Project Deliverables	Percentage Amount of Contract Price to be released as payments	Documentary Requirements
Within ninety (90) calendar days from receipt of NTP	<ul style="list-style-type: none">• See Section V	90%	<ul style="list-style-type: none">• Project Implementation Kick-Off Sheet.• MOP• Delivery Receipt (DR) for the Hardware Requirements• Implementation Activity Summary Report• Training Certificate/Voucher• Project Implementation Sign-Off Sheet• Proof of Maintenance and Support• Sales Invoice or Billing statement.• Bank Details
Within the first four (4) months (upon the approval of signed-off sheet)	Conduct of 1 st Preventive Maintenance	5%	<ul style="list-style-type: none">• Preventive Maintenance.• Sales Invoice or Billing statement.• Bank Details
At least Two (2) months before the end of project	Conduct of 2 nd Preventive Maintenance	5%	<ul style="list-style-type: none">• Preventive Maintenance• Document reflecting recommendations on the improvement needed.• Sales Invoice or Billing statement.• Bank Details


Visayas Avenue, Diliman, Quezon City 1100, Philippines
www.denr.gov.ph

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.


(page 7 of 11)

Prepared by:


RONNEL B. VIGIL
Administrative Assistant III
NIMD


ALBERT M. PARPAN JR.
Computer Programmer III
NIMD

Reviewed by:


EUGENE C. DE GUZMAN
OIC-Chief, NIMD

Approved by:


ARLENE A. ROMASANTA
Director
Knowledge and Information Systems Service

Visayas Avenue, Diliman, Quezon City 1100, Philippines
www.denr.gov.ph

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.

(page 8 of 11)

ANNEX A (Minimum Technical Requirements unless Otherwise Specified)

ITEM/DESCRIPTION	QTY
Micro/Mini Datacenter (Integrated Solutions) <ul style="list-style-type: none"> ● 1x Rack System and Accessories: H:42U W:600mm, D:1100mm (min) - 1400mm (max), Electronic Locks, ● 1x PACU: 3.5KW Mounted on Top, Side (In Row), or Inside of the Rack ● 1x UPS: Remote monitoring, 6KVA, 15 minutes at Full Load ● 1x Rack/Cabinet Mount Fire Suppression: Remote monitoring, Zero ozone depletion potential, and less than 1 global warming potential (GWP) ● 1x PDU: Remote monitoring, 16A, 230V, C13 and C19 Outlet 	1 (set)
Next Generation Firewall <ul style="list-style-type: none"> ● Rack-mountable ● DNS Security, URL Filtering and Advanced Threat Prevention (1-year subscription) ● Firewall throughput (18 Gbps) ● Threat Prevention throughput (9 Gbps) ● IPsec VPN throughput (9 Gbps) ● Dual/Modular Power Supply ● Software Define Wide Area Network (SD-WAN) ³. ● Cloud-based management ³. ● Must be compatible with existing NGFW of DENR Collocation Service on Site-to-site VPN 	1 unit
Network Switch (Core) <ul style="list-style-type: none"> ● Rack-mountable ● Layers 2 and 3 ● Gigabit RJ45 Ethernet (24 Ports) ● Modular uplink (10G) Fiber Optic ● 10 GE Network Module (4 slots) w/ 4 x 10G MMF Transceivers ● Dual Power Supply ● Stackable 	1 unit
Network Switch (Access) <ul style="list-style-type: none"> ● Rack-mountable ● 24 x Gigabit RJ45 Ethernet Ports (PoE/PoE+) ● 4x 1G fixed uplink Fiber Optic w/ 4 x 1G MMF transceivers ● Stackable 	1 unit
Wireless LAN Controller <ul style="list-style-type: none"> ● Maximum number of access points: 250 ● Maximum number of clients: 5000 ● Maximum throughput: 5Gbps ● Maximum WLANs / VLANs: 4096 ● Fixed Uplink: 2 x 10G Fiber Optic w/ 2x 10G MMF Transceivers (if applicable) ● Form Factor: 1RU ● License for 20 APs (Minimum) (If applicable) 	1 unit
Wireless Access Point <ul style="list-style-type: none"> ● Compatible with Wireless LAN Controller ● Wi-Fi 6 (802.11ax) ● Multi User, Multiple Input, Multiple Output (MU-MIMO) ● Uplink/downlink Orthogonal Frequency-Division Multiple Access (OFDMA) – Improve Latency 	10 Units

Visayas Avenue, Diliman, Quezon City 1100, Philippines
www.denr.gov.ph

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.

(page 9 of 11)

<ul style="list-style-type: none">Dual 5-GHz radio support	
Others Accessories <ul style="list-style-type: none">KVM: TFT LCD, 8 ports, On-screen Display (USB cable/adapter must be included)	1 unit

Note: For the warranty, see Section VI of this document. All cabling required to interconnect all major networking equipment (firewall, switches, and wireless LAN controller) shall be provided by the service provider.

³ Not yet required but must be capable of such features for future upgrades, connectivity to multiple branches, central management, and secure remote access.

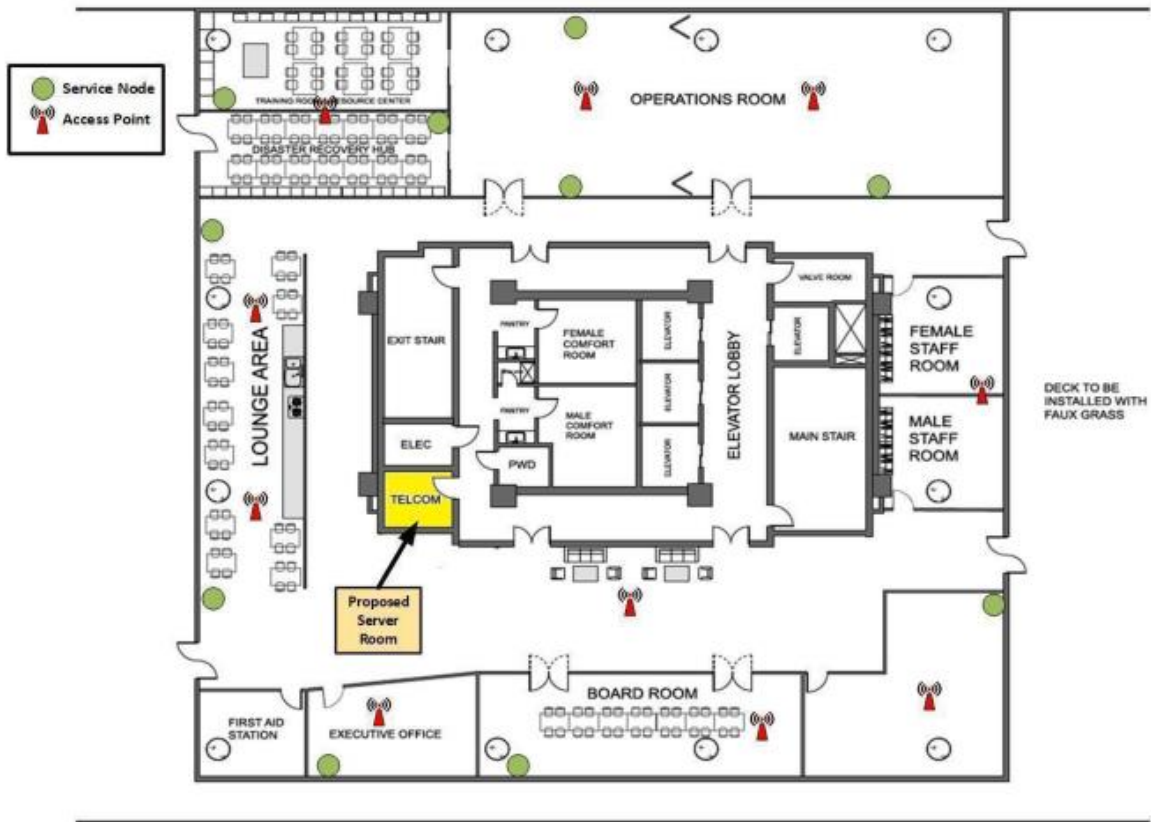
Service providers must ensure that all necessary equipment for this project have premium support from the principal/partner.

Visayas Avenue, Diliman, Quezon City 1100, Philippines
www.denr.gov.ph

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.

(page 10 of 11)

ANNEX B – Floor Plan



Visayas Avenue, Diliman, Quezon City 1100, Philippines
www.denr.gov.ph

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.

(page 11 of 11)

B. OTHER REQUIREMENTS

1. Bidder has no overdue deliveries or unperformed services intended for DENR.
2. Bidder did not participate as a consultant in the preparation of the design or technical specification of the GOODS/SERVICES subject of the bid.

BIDDER'S UNDERTAKING

I/We, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable, hereby BID to (supply/deliver/perform/comply) the above Terms of Reference

I/We undertake, if our bid is accepted, to deliver the goods/services in accordance with the terms and conditions contained in the bid documents, including the posting of the required performance security within ten (10) calendar days from receipt of the Notice of Award.

Until a formal contract/order confirmation is prepared and signed, this Bid is binding on us.

Name of Company (in print)

Signature of Authorized Representative

Name of Authorized Representative (in print)

Designation (in print)

Date

Revised Section VII. Technical Specifications

Instruction to Bidders: *Please fill up the form accordingly and sign the Bidder's Undertaking. Failure to conform will result in a rating of "FAILED".*

Minimum Technical Requirements Unless Otherwise Specified	*Bidder's Statement of Compliance
<p>Micro/Mini Datacenter (Integrated Solutions)</p> <ul style="list-style-type: none">● 1x Rack System and Accessories: H:42U W:600mm, D:1100mm (min) - 1400mm (max), Electronic Locks,● 1x PACU: 3.5KW Mounted on Top, Side (In Row), or Inside of the Rack● 1x UPS: Remote monitoring, 6KVA, 15 minutes at Full Load● 1x Rack/Cabinet Mount Fire Suppression: Remote monitoring, Zero ozone depletion potential, and less than 1 global warming potential (GWP)● 1x PDU: Remote monitoring, 16A, 230V, C13 and C19 Outlet <p>Next Generation Firewall</p> <ul style="list-style-type: none">● Rack-mountable● DNS Security, URL Filtering and Advanced Threat Prevention (1-year subscription)● Firewall throughput (18 Gbps)● Threat Prevention throughput (9 Gbps)● IPsec VPN throughput (9 Gbps)● Dual/Modular Power Supply● Software Define Wide Area Network (SD-WAN) ³.● Cloud-based management ³.● Must be compatible with existing NGFW of DENR Collocation Service on Site-to-site VPN <p>Network Switch (Core)</p> <ul style="list-style-type: none">● Rack-mountable● Layers 2 and 3● Gigabit RJ45 Ethernet (24 Ports)● Modular uplink (10G) Fiber Optic● 10 GE Network Module (4 slots) w/ 4 x 10G MMF Transceivers● Dual Power Supply● Stackable <p>Network Switch (Access)</p> <ul style="list-style-type: none">● Rack-mountable● 24 x Gigabit RJ45 Ethernet Ports (PoE/PoE+)● 4x1G fixed uplink Fiber Optic w/ 4 x 1G MMF transceivers● Stackable	

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.

(page 2 of 3)

Minimum Technical Requirements Unless Otherwise Specified	*Bidder's Statement of Compliance
<div data-bbox="129 512 1168 795"> <p>Wireless LAN Controller</p> <ul style="list-style-type: none"> • Maximum number of access points: 250 • Maximum number of clients: 5000 • Maximum throughput: 5Gbps • Maximum WLANs / VLANs: 4096 • Fixed Uplink: 2 x 10G Fiber Optic w/ 2x 10G MMF Transceivers (if applicable) • Form Factor: 1RU • License for 20 APs (Minimum) (if applicable) </div> <div data-bbox="129 833 1168 1079"> <p>Wireless Access Point</p> <ul style="list-style-type: none"> • Compatible with Wireless LAN Controller • Wi-Fi 6 (802.11ax) • Multi User, Multiple Input, Multiple Output (MU-MIMO) • Uplink/downlink Orthogonal Frequency-Division Multiple Access (OFDMA) – Improve Latency • Dual 5-GHz radio support </div> <div data-bbox="129 1120 1168 1207"> <p>Others Accessories</p> <ul style="list-style-type: none"> • KVM: TFT LCD, 8 ports, On-screen Display (USB cable/adaptor must be included) </div>	

PLEASE SPECIFY THE BRAND AND MODEL NO. BEING OFFERED FOR THE FOLLOWING ITEMS:

1. Micro/Mini Datacenter (Integrated Solutions) : _____
2. Next Generation Firewall : _____
3. Network Switch (Core) : _____
4. Network Switch (Access) : _____
5. Wireless LAN Controller : _____
6. Wireless Access Point : _____

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.

(page 3 of 3)

I hereby certify to comply with the above Technical Specifications.

Name of Company (in print)

Signature of Authorized Representative

Name of Authorized Representative (in print)

Designation (in print)

Date

DENR BIDS AND AWARDS COMMITTEE
REVISED CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS

Project: PROCUREMENT OF MANAGED SERVICES FOR THE ESTABLISHMENT OF A BUSINESS CONTINUITY AND DISASTER RECOVERY (BCDR) SITE INFORMATION TECHNOLOGY (IT) INFRASTRUCTURE FOR THE DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES (DENR)

Bid Ref. No. Bid Ref. No. DENR-CO-2024-032

APPROVED BUDGET FOR THE CONTRACT: P13,900,000.00

ENVELOPE 1: TECHNICAL COMPONENT

CLASS "A" DOCUMENTS

A. LEGAL DOCUMENTS

- (a) Valid and current Certificate of PhilGEPS Registration (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR (pursuant to GPPB Resolution No. 15-2021, dated 14 October 2021);
- Note: For corporations filing Audited Financial Statement (AFS) on a fiscal year, must attach copies of the following documents:*
- i. Application for Registration (BIR Form No. 1903) with a stamp of receipt by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions; and
 - ii. Latest AFS (with a stamp of receipt or with attached copy of acknowledgment thru email) by the BIR or its duly accredited and authorized institutions.

B. TECHNICAL DOCUMENTS

- (b) Statement of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid (per Annex I);

- (c) Statement of the Bidder's Single Largest Completed Contract (SLCC) of similar nature within the last five (5) years from date of submission and receipt of bids equivalent to at least fifty (50%) of the total ABC (per Annex I-A)
- Similar in nature shall mean "Network and/or Data Center Services."*
- Any of the following documents must be submitted/attached corresponding to listed completed largest contracts per Annex I-A:
- i) Copy of End User's Acceptance; or
 - ii) Copy of Official Receipt/s or Sales Invoice or Collection Receipt/s

- (d) Original Bid Security must be issued in favor of the **DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES (DENR)** (must be valid for at least 120 calendar days from the date of bid opening); any one of the following forms:

Project ABC (P)	Bid Security: Cash, Cashier's/ Manager's Check, Bank Draft / Guarantee, Irrevocable Letter of Credit (2%) (P)	Bid Security: Surety Bond (5%) (P)	Original Bid Securing Declaration
13,900,000.00	278,000.00	695,000.00	No required Amount

- 1. Bid Securing Declaration per Annex II;
- 2. The Cashier's/Manager's Check shall be issued by a Local, Universal or Commercial Bank
- 3. The Bank Draft/Guarantee or Irrevocable Letter of Credit shall be issued by a Local Universal or Commercial Bank; or

<input type="checkbox"/>	<p>4. Should bidder opt to submit a Surety Bond as Bid Security, the surety bond must be callable on demand and must be issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such bond. <u>Together with the surety bond, a certification from Insurance Commission must be submitted by the bidder which must state that the surety or insurance company is specifically authorized to issue surety bonds.</u></p> <p>5. <u>For submission of Bank Draft/Guarantee or Irrevocable Letter of Credit or Surety Bond,</u> the following must be stated/specified in the Bid Security pursuant to Section III, ITB Clause 18.5, to wit:</p> <p><i>The following are the grounds for forfeiture of Bid Security</i></p> <ul style="list-style-type: none"> ▪ IF A BIDDER: <ul style="list-style-type: none"> a) Withdraws its bid during the period of bid validity. b) Does not accept the correction of errors pursuant to Section 32.2.1 of the IRR of RA 9184. c) Fails to submit the Post Qualification requirements within the prescribed period or a finding against their veracity thereof. d) Submission of eligibility requirements containing false information or falsified documents. e) Submission of bids that contain false information or falsified documents, or the concealment of such information in the bids in order to influence the outcome of eligibility screening or any other stage of the public bidding. f) Allowing the use of one's name, or using the name of another for purposes of public bidding. g) Withdrawal of a bid, or refusal to accept an award, or enter into contract with the Government without justifiable cause, after the Bidder had been adjudged as having submitted the Lowest Calculated and Responsive Bid. h) Refusal or failure to post the required performance security within the prescribed time. i) Refusal to clarify or validate in writing its bid during post-qualification within a period of seven (7) calendar days from receipt of the request for clarification. j) Any documented unsolicited attempt by a bidder to unduly influence the outcome of the bidding in his favor. k) Failure of the potential joint venture partners to enter into the joint venture after the bid is declared as successful. l) All other acts that tend to defeat the purpose of the competitive bidding, such as habitually withdrawing from bidding, submitting late Bids or patently insufficient bid, for at least three (3) times within a year, except for valid reasons. ▪ IF THE SUCCESSFUL BIDDER: <ul style="list-style-type: none"> a) fails to sign the contract in accordance with Section 40 of the Revised IRR of RA 9184; or b) fails to furnish performance security in accordance with Section 40 of the Revised IRR of RA 9184.
<input type="checkbox"/>	<p>(e) Conformity with Revised Section VI. Schedule of Requirements (Terms of Reference as of 11 September 2024) (all pages) and Revised Section VII. Technical Specifications (all pages), as enumerated and specified in the Supplemental/Bid Bulletin No. 1.</p>
<input type="checkbox"/>	<p>(f) Original duly signed Omnibus Sworn Statement in accordance with Section 25.3 of the IRR of RA 9184 and using the prescribed form attached as Annex III with attached <u>Proof of Authority of the bidder's authorized representative/s:</u></p> <ul style="list-style-type: none"> i. FOR SOLE PROPRIETORSHIP (IF OWNER OPTS TO APPOINT A REPRESENTATIVE): Notarized Special Power of Attorney. ii. FOR CORPORATIONS, COOPERATIVE OR THE MEMBERS OF THE JOINT VENTURE: Notarized Secretary's Certificate evidencing the authority of the designated representative/s. <p>Note: <i>Should there be more than one (1) appointed authorized representatives, use the word "<u>any of the following</u>" or "OR", otherwise, all authorized representatives must sign/initial the bid submission</i></p> <p>IN THE CASE OF UNINCORPORATED JOINT VENTURE: Each member shall submit a separate Special Power of Attorney and/or Secretary's Certificate evidencing the authority of the designated representative/s.</p>

C. FINANCIAL DOCUMENTS

- (g) Net Financial Contracting Capacity (NFCC) computation, in accordance with ITB Clause 5.5, (per **Annex IV**).
- The NFCC computation must at least be equal to the ABC of this project. The detailed computation using the required formula must be provided.
- OR**
- Original copy of Committed Line of Credit (CLC) per **Annex IV-A** issued by a Local Universal or Local Commercial Bank at least equal to ten percent (10%) of the ABC of this project.
- In case of Joint Venture, the partner responsible to submit the NFCC shall likewise submit the Statement of all its ongoing contracts and the Latest Audited Financial Statements.**

Class "B" Document: (For Joint Venture)

- If applicable, For Joint Ventures, Bidder to submit either:**
- (i) Copy of the JOINT VENTURE AGREEMENT (JVA) in case the joint venture is already in existence, or
 - (ii) Copy of Protocol/Undertaking of Agreement to Enter into Joint Venture (**Annex V**) signed by all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful and must be in accordance with Section 23.1 (b) of the IRR
- In case the joint venture is not yet in existence, the submission of a valid JVA shall be within ten (10) calendar days from receipt of the Notice of Award. [Sec 37.1.4 (a) (i)]
- (h) **The JVA or the Protocol/Undertaking of Agreement to Enter into Joint Venture (per Annex V) must include/specify the company/partner and the name of the office designated as authorized representative of the Joint Venture.**

ENVELOPE 2: FINANCIAL COMPONENT

- (a) Completed and signed Financial Bid Form. Bidder must use, accomplish and submit Bid Form (**Annex VI**); **and**
- (b) Original of duly signed and accomplished Price Schedule(s) (**Annex VI-A or VI-B**).
- The ABC is inclusive of VAT. Any proposal with a financial component exceeding the ABC shall not be accepted.