



**BIDS AND AWARDS COMMITTEE**

**Supplemental/Bid Bulletin No.1**

**Supply, Delivery, Installation and Configuration of Brand New Network Security Appliances for the Department of Environment and Natural Resources Regional Offices (ROs), Provincial Environment and Natural Resources Offices (PENROs), Land Management Bureau (LMB) and Ecosystem Research & Development Bureau (ERDB)  
Bid Ref. No. DENR-CO-2020-005**

**Approved Budget for the Contract: ₱ 11,960,000.00**

This **Supplemental/Bid Bulletin No.1** is being issued to revise provisions/specifications in the Bidding Documents, to address queries/clarifications raised by bidders during the pre-bid conference conducted on 29 July 2020 for the aforementioned project:

**A. Revision to provisions/specifications in the Bidding Documents:**

<b>From</b>	<b>To</b>
<b>Section VI. Schedule of Requirements (Project Deliverables)</b>	
<b>Terms of Reference as of 20 November 2019</b>	<b>Terms of Reference as of 04 August 2020</b>
III.C. Set-up for Hub and Spoke Virtual Private Network (VPN) with the DENR Central Office's Enterprise Firewall acting as the hub and the ROs, LMB, ERDB and PENROs as spoke.	III.C. <b>Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.</b>
IV. E. -none-	IV. E. <b>Must have the capacity to conduct technical support/troubleshooting of the appliance/s deployed.</b>
V.A.(13) Must be managed centrally and monitored remotely from Central Office using DENR-CO's Main Enterprise Firewall	V.A.(13) <b>Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.</b>
V.B.(11) Must be managed centrally and monitored remotely from Central Office using DENR-CO's Main Enterprise Firewall	V.B.(11) <b>Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.</b>

<p>V.C.(8) Must be managed centrally and monitored remotely from Central Office using DENR-CO's Main Enterprise Firewall</p>	<p>V.C.(8) <b>Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.</b></p>
<p>V. Other Specifications:</p> <ul style="list-style-type: none"> <li>• With Firewall, VPN, User Awareness, QOS, Application Control, URL Filtering, IPS, Anti-Bot and Antivirus services</li> <li>• Must be managed centrally and monitored remotely from Central Office using DENR-CO's Main Enterprise Firewall</li> </ul>	<p>V. Other Specifications:</p> <ul style="list-style-type: none"> <li>• With Firewall, VPN, User Awareness, QOS, Application Control, URL Filtering, IPS, Anti-Bot and Antivirus services</li> <li>• <b>Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.</b></li> </ul>
<p><b>B. Replies to Queries/Clarifications to Bidders</b></p>	
<p><i>Queries received from Bidder No. 1</i></p>	<p><b>BAC Response</b></p>
<p>a) <b>12 Network Security Appliances (for sites 201 to 250 users)</b></p> <p><b>6. Lights-Out Management Port</b></p> <p>To have a competitive bidding, may we request to omit the Lights-Out Management Port in order for the other brand to join and have a competitive bidding?</p>	<p><b>Lights-out management (LOM) is the ability for a system administrator to monitor and manage servers by remote control. A complete LOM system consists of a hardware component called the LOM module and a program that facilitates the continuous monitoring of variables such as Microprocessor temperature and utilization. The program also allows for such remote operations as rebooting, shutdown, troubleshooting, alarm setting, fan speed control, and operating system reinstallation. The appliances will be installed in the field offices so it is necessary to have a system in order to remote manage it. There are other systems that use LOM like Citrix and Cisco, it is not exclusive to Checkpoint products.</b></p>
<p><b>11. 1 TB HDD</b></p> <p>May we request to make it below 500 GB SSD instead of 1TB HDD?</p>	<p><b>A 1TB HDD is preferred and estimated for log generation in order to store and save months of data without the need to delete files. These will be assigned to field offices with the greatest number of expected users and amount of data hence the need for higher data storage. Factors considered that impact the amount of data generated include the type of devices in the network (servers, routers, switches, etc.) and the level of detail that logs are generated.</b></p>

<p><b>13. Must be managed centrally and monitored remotely from Central Office using DENR-CO's Main Enterprise Firewall</b></p> <p>What is the main Enterprise Firewall Brand? as discussed, the main enterprise firewall is checkpoint firewall appliance. Can it really be hold and managed centrally using the Main Enterprise Firewall? Clearly states that "using DENR-CO's Main Enterprise Firewall, it means using existing brand. Indirectly pointing that it should be same brand as existing. May we request to revise the statement "Must be managed centrally and monitored remotely from central office."?"</p>	<p>Clauses in the Terms of Reference will be changed as follows: "Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices." The purpose of this is that firewall security policies can be installed to multiple firewall appliances all at once. Considering the number of appliances to be procured, installing policies for each is not economical and is time consuming.</p>
<p><b>b) Four (4) Network Security Appliances (for sites with 151 to 200 users)</b></p> <p><b>5. Lights-Out Management Port</b></p> <p>To have a competitive bidding, may we request to omit the Lights-Out Management Port in order for the other brand to join and have a competitive bidding?</p>	<p>Lights-out management (LOM) is the ability for a system administrator to monitor and manage servers by remote control. A complete LOM system consists of a hardware component called the LOM module and a program that facilitates the continuous monitoring of variables such as Microprocessor temperature and utilization. The program also allows for such remote operations as rebooting, shutdown, troubleshooting, alarm setting, fan speed control, and operating system reinstallation. The appliances will be installed in the field offices so it is necessary to have a system in order to remote manage it. There are other systems that use LOM like Citrix and Cisco, it is not exclusive to Checkpoint products.</p>
<p><b>9.) 240GB SSD</b></p> <p>Is this the minimum requirement of storage? May we request to standardize it below 500GB SSD?</p>	<p>240 GB is the minimum system requirement. You can propose a higher storage capacity.</p>
<p><b>11.) Main Enterprise Firewall</b></p> <p>What is the main Enterprise Firewall Brand? as discussed, the main enterprise firewall is checkpoint firewall appliance. Can it really be hold and managed centrally using the Main Enterprise Firewall? Clearly states that "using DENR-CO's Main Enterprise Firewall, it means using existing brand. Indirectly pointing that it should be same brand as existing. May we request to revise the statement "Must be managed centrally and monitored remotely from central office."?"</p>	<p>Clauses in the Terms of Reference will be changed as follows: "Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices." The purpose of this is that firewall security policies can be installed to multiple firewall appliances all at once. Considering the number of appliances to be procured, installing policies for each is not economical and is time consuming.</p>

<p><b>c) Two (2) Network Security Appliances (for sites with 51 to 100 users)</b></p> <p>What is the main Enterprise Firewall Brand? as discussed, the main enterprise firewall is checkpoint firewall appliance. Can it really be hold and managed centrally using the Main Enterprise Firewall? Clearly states that “using DENR-CO’s Main Enterprise Firewall, it means using existing brand. Indirectly pointing that it should be same brand as existing. May we request to revise the statement “Must be managed centrally and monitored remotely from central office.”?”</p>	<p><b>Clauses in the Terms of Reference will be changed as follows: “Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.” The purpose of this is that firewall security policies can be installed to multiple firewall appliances all at once. Considering the number of appliances to be procured, installing policies for each is not economical and is time consuming.</b></p>
<p><b>PENRO Deliverables (B. One (1) unit for sites with 101 to 150 users)</b></p> <p><b>4.) 1xUSB-C Console Port</b></p> <p>This Technical Specification is only pertaining to One (1) brand. Because the majority of the other Firewall are using micro USB for console port. We suggest to make it 1x Micro USB Console Port.</p>	<p><b>The USB-C port is used to connect to the command line interface when the appliance is not accessible from the network.</b></p>
<p><b>Other Specifications</b></p> <ul style="list-style-type: none"> <li><b>• Must be managed centrally and monitored remotely from Central Office using DENR-CO’s Main Enterprise Firewall</b></li> </ul> <p>What is the main Enterprise Firewall Brand? as discussed, the main enterprise firewall is checkpoint firewall appliance. Can it really be hold and managed centrally using the Main Enterprise Firewall? Clearly states that “using DENR-CO’s Main Enterprise Firewall, it means using existing brand. Indirectly pointing that it should be same brand as existing. May we request to revise the statement “Must be managed centrally and monitored remotely from central office.”?”</p>	<p><b>Clauses in the Terms of Reference will be changed as follows: “Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.” The purpose of this is that firewall security policies can be installed to multiple firewall appliances all at once. Considering the number of appliances to be procured, installing policies for each is not economical and is time consuming.</b></p>
<p><b>Queries received from Bidder No. 2</b></p>	<p><b>BAC Response</b></p>
<p><b>a) 12 Network Security Appliances (for sites 201 to 250 users)</b></p> <p><b>6. Lights-Out Management Port</b></p> <p>Only 1 Firewall has this feature and that is the existing Checkpoint. It defeats the purpose of having a “GENERIC SPECIFICATION” on biddings. “Under RA 9184”</p>	<p><b>Lights-out management (LOM) is the ability for a system administrator to monitor and manage servers by remote control. A complete LOM system consists of a hardware component called the LOM module and a program that facilitates the continuous monitoring of variables such as Microprocessor temperature and utilization. The program also allows for such remote operations as rebooting, shutdown, troubleshooting, alarm setting, fan speed control, and operating system reinstallation. The appliances will be installed in the field offices so it is necessary to have a system in order to remote manage it. There are other systems that use LOM like Citrix and Cisco, it is not exclusive to Checkpoint products.</b></p>

<p><b>11. 1 TB HDD</b></p> <p>Almost Next generation Firewall uses “Solid State Drives (SSD)” as a storage because of the fast Read and Write Speed of it. Also, firewall logs and stores only kilobytes (kb) of data, a 120GB of SSD can accommodate months of log retention. 1 TB is too much of a storage for only reporting.</p>	<p>A 1TB HDD is preferred and estimated for log generation in order to store and save months of data without the need to delete files. These will be assigned to field offices with the greatest number of expected users and amount of data hence the need for higher data storage. Factors considered that impact the amount of data generated include the type of devices in the network (servers, routers, switches, etc.) and the level of detail that logs are generated.</p>
<p><b>13. Must be managed centrally and monitored remotely from Central Office using DENR-CO’s Main Enterprise Firewall</b></p> <p>This refers to the existing firewall and no other brands can join the bidding. Other brand can also be managed centrally and monitored remotely but if the line “using DENR-CO’s Main Enterprise Firewall”, means it only refers to the Existing Firewall which is checkpoint. “Under RA 9184”</p>	<p><b>Clauses in the Terms of Reference will be changed as follows: “Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.” The purpose of this is that firewall security policies can be installed to multiple firewall appliances all at once. Considering the number of appliances to be procured, installing policies for each is not economical and is time consuming.</b></p>
<p><b>b) Four (4) Network Security Appliances (for sites with 151 to 200 users)</b></p> <p><b>5. Lights-Out Management Port</b></p> <p>Only 1 Firewall has this feature and that is the existing Checkpoint. It defeats the purpose of having a “GENERIC SPECIFICATION” on biddings. “Under RA 9184”</p>	<p><b>Lights-out management (LOM) is the ability for a system administrator to monitor and manage servers by remote control. A complete LOM system consists of a hardware component called the LOM module and a program that facilitates the continuous monitoring of variables such as Microprocessor temperature and utilization. The program also allows for such remote operations as rebooting, shutdown, troubleshooting, alarm setting, fan speed control, and operating system reinstallation. The appliances will be installed in the field offices so it is necessary to have a system in order to remote manage it. There are other systems that use LOM like Citrix and Cisco, it is</b></p>
<p><b>Section VI. Schedule of Requirements</b></p>	
<p>Terms of Reference</p>	<p><b>Terms of Reference as of 04 August 2020</b></p>
<p><b>Section VII. Technical Specifications</b></p>	
<p>Technical Specifications</p>	<p><b>Revised Technical Specifications</b></p>

Bidders are advised to use the attached **Terms of Reference as of 04 August 2020** together with all other required documents for the submission of bids on **11 August 2020, 1:30 PM**.

Please use the **Revised Checklist of Requirements** as a guide/reference.

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

For guidance and information of all concerned.

Issued this 4<sup>th</sup> of August 2020 in Quezon City.

Approved by:

*(sgd)* **MARCIAL C. AMARO, JR., CESO III**  
Assistant Secretary for Policy, Planning and  
Foreign Assisted and Special Projects &  
Chairperson, Bids and Awards Committee

<b>Received by:</b>	
_____ (SIGNATURE OVER PRINTED NAME & DATE)	_____ NAME OF COMPANY
<b>(PLEASE RETURN OR FAX THIS PAGE ONLY TO THE DENR BAC OFFICE @ 926-2675)</b>	

**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".

**I. REVISED TERMS OF REFERENCE AS OF 04 August 2020**

**Supply, Delivery, Installation and Configuration of Brand new Network Security Appliances for the Department of Environment and Natural Resources Regional Offices (RO), Provincial Environment and Natural Resources Offices (PENRO), Land Management Bureau (LMB) and Ecosystem Research & Development Bureau (ERDB)**

**I. RATIONALE**

The DENR is currently deploying web-based information systems to assist its officials and employees in providing services for its stakeholders. Internet connectivity is currently installed at the DENR field offices to support the deployment of the web-based information systems. However there were issues, which includes bandwidth hogging and security as the systems are all web based which requires a secured, efficient and uninterrupted Internet connection.

Considering the above, the DENR will procure network security appliances to alleviate the pressures the DENR field offices face daily related to information security such as targeted malware, customer data theft, skills shortages and resource constraints.

**II. APPROVED BUDGET OF THE CONTRACT**

The total ABC for the project is **PhP 11,960,000.00** inclusive of all applicable government taxes and service charges.

**III. PROJECT DESCRIPTION**

This project involves:

- A. Supply, delivery, configuration, and testing of ninety-four (94) brand new units of network security/firewall appliances for the DENR ROs, LMB, ERDB and PENROs (see ANNEX A for distribution list).
- B. Configuration of all appliances for centralized management. It must be managed centrally from the Central office using the configuration profiles in the Main Enterprise firewall.
- C. Setup for Hub and Spoke Virtual Private Network (VPN) with the DENR Central Office's Enterprise Firewall acting as the hub and the ROs, LMB, ERDB and PENROs as spoke.

**IV. QUALIFICATION OF BIDDER**

Prospective bidder/s:

- A. Must be duly authorized by the manufacturer/distributor to provide, sell, configure and support the network security, firewall and/or management appliance. The certification from the manufacturer/distributor authorizing the prospective bidder to provide such product shall be submitted as part of post-qualification documents.
- B. Must have at least two (2) manufacturer certified network security professionals who will do the installation, configuration and support services and who are regular and locally based employees. Certificate/Verification, company ID and certification from HR department of network security professional's employment to the company shall be submitted as part of post-qualification documents.
- C. Must have the capacity to escalate product technical issues directly to the manufacturer.
- D. Must have completed at least one (1) contract similar to the proposed security system for the last two (2) years.

**V. PROJECT DELIVERABLES**

**REGIONAL OFFICES, LMB, ERDB & NCR DELIVERABLES**

**A. 12 Network Security Appliances (for sites with 201 to 250 users)**

- 1. Management 10/100/1000Base-T RJ45 port
- 2. RJ45/micro USB console port
- 3. One network card expansion slot
- 4. 5x 10/100/1000Base-T RJ45 ports
- 5. 2xUSB ports for ISO installation
- 6. Lights-Out Management port
- 7. 1 Gbps Threat Prevention Throughput
- 8. 2Gbps NGFW Throughput
- 9. 2Gbps IPS Throughput
- 10. 8GB Memory
- 11. ITBHDD
- 12. With Firewall, VPN, User Awareness, QoS, Application Control, URL Filtering, IPS, Anti-Bot and Antivirus services
- 13. Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.

**B. 4 Network Security Appliance (for sites with 151 to 200 users)**

- 1. Management 10/100/1000Base-T RJ45 port
- 2. RJ45/micro USB console port
- 3. 5x 10/100/1000Base-T RJ45 port
- 4. 2x USB ports for ISO installation
- 5. Lights-Out Management Port
- 6. 580Mbps Threat Prevention Throughput
- 7. 1Gbps IPS Throughput
- 8. 8GB Memory
- 9. 240GB SSD



10. With Firewall, VPN, User Awareness, QOS, Application Control, URL Filtering, IPS, Anti-Bot and Antivirus Services
11. Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.

**C. 2 Network Security Appliances (for sites with 51 to 100 users)**

1. 5x1GbE LAN ports
2. 1x1GbE WAN port
3. 1xUSB port
4. 450Mbps Threat Prevention Throughput
5. 800Mbps NGFW Throughput
6. 900Mbps IPS Throughput
7. With Firewall, VPN, User Awareness, QoS, Application Control, URL Filtering, IPS, Anti-Bot and Antivirus services
8. Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.

**PENRO DELIVERABLES**

**A. 75 Network Security Appliances (for sites with 10 to 100 users)**

1. 5x1GbE LAN ports
2. 1x1GbE WAN port
3. 1xUSB port
4. 450Mbps Threat Prevention Throughput
5. 800Mbps NGFW Throughput
6. 900Mbps IPS Throughput

**B. 1 unit (for sites with 101 to 150 users)**

1. 8x1GbE LAN ports
2. 1x1GbE WAN port
3. 1x1GbE copper/fiber DMZ port
4. 1xUSB port
5. 1x USB-C Console port
6. 660Mbps Threat Prevention Throughput
7. 1,300Mbps NGFW Throughput
8. 1,400Mbps IPS Throughput

**Other Specifications:**

- With Firewall, VPN, User Awareness, QoS, Application Control, URL Filtering, IPS, Anti-Bot and Antivirus services
- Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.

**Note:** *Technical Evaluation of network security appliance shall be evaluated based on the documents submitted such as, but not limited to brochures and technical data sheet to be submitted during post-qualification within five (5) calendar days from receipt of Notice from the Bids and Awards Committee (BAC) declaring the bidder as having the lowest or single calculated bid.*

**C. Training** - Training will be provided by the winning bidder for the following:

1. Centralized Management for three (3) designated Network Security Administrator from NIMD-KISS to be conducted by an authorized training personnel following a training module designed for the proposed brand.
2. Installation and basic troubleshooting for eighteen (18) ICT focal person from the regional offices.

All expenses relative to the trainings shall be for the account of the winning bidder, including accommodations and food.

**D. Detailed Technical Proposal**

1. Network security solution being offered
2. Project activities
3. Timeline or Gantt chart
4. Infrastructure design and diagrams

**E. Warranty Certificate** - Valid for a minimum of one (1) year and in favor of the Department of Environment and Natural Resources which shall cover the following:

1. Hardware (parts and service), subscription and technical support.
2. 8x5 Email, phone and remote support.
3. Software/firmware upgrade and updates.
4. Full replacement of defective items and materials including parts and labor, free of charge.
5. Winning Bidder shall not be held liable for destroyed equipment caused by an extraordinary event or circumstance beyond its control.

*Note: In case of equipment pull-out, defective appliance, units and/or items from PENRO shall bring it at the location of their respective Regional Offices. There, the winning provider shall service, repair and/or replace the equipment as per warranty. A service or replacement unit of the same or alternative specification as that of the malfunctioning equipment shall be provided while the faulty equipment is undergoing repair or diagnostic.*

**VI. DELIVERY PERIOD AND PLACE OF DELIVERY**

- A. The winning bidder shall supply and deliver the set of equipment within sixty (60) calendar days from receipt of Notice to Proceed (NTP) at the DENR Central office located at Visayas Avenue, Diliman, Quezon City.
- B. After pre-configuration and testing (see VII.A and VII.C), the winning bidder shall transport the appliances to the Bureau's and Regional Offices. (see ANNEX A) within thirty (30) calendar days from receipt of Notice to deliver.

**VII. INSTALLATION, CONFIGURATION AND TESTING AND ACCEPTANCE**

The necessary firewall pre-configurations and firewall policies shall be the responsibility of the winning bidder to meet DENR's desired security and connectivity needs. Transport and physical installation of the appliance will be the responsibility of the ICT focal person from Regional Office.

They will transport and install the appliance in their respective PENROs within three (3) weeks from the delivery date.

**A. Pre-Configuration of all firewall appliance for:**

1. Centralized management
2. Basic Firewall policy
3. DHCP setup (for Local Area Network IP distribution)
4. Routing if needed (Static or Dynamic)
5. Initial web/content filtering setup
6. VPN

**B. The winning bidder shall assist remotely a DENR ICT focal person in installing or modifying network components and other systems as required. This includes physical and logical connections with switches, routers, voice gateway and related hardware.**

**C. The testing and acceptance shall be conducted in accordance with the following:**

1. The testing will be undertaken for a period of five (5) calendar days and will be attested to by DENR Central Office ICT focal persons.
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 five (5) calendar days.
3. During the testing period, the winning bidder shall not be held liable for performance degradation/interruptions that are beyond its control such as power outages, malfunction of DENR's own equipment and internet connectivity issues.

**VIII. DUTIES AND RESPONSIBILITIES OF THE DENR**

- A. Grant the winning bidder's authorized representative access to its premises, equipment and facilities located therein to perform its obligations, provided that such representative shall be accompanied by a duly assigned DENR ICT focal person;**
- B. Responsible for the safe custody and use of the equipment provided by the winning bidder;**

**IX. TERMS OF PAYMENT**

DENR will make partial releases of the payment to be given to the winning bidder. The partial payments will be done in two (2) tranches after specific project activities.

<b>Project Activities / Deliverables</b>	<b>Percentage Amount of Contract Price to be released as payments</b>
<ul style="list-style-type: none"><li>• Supply, delivery, pre-configuration and testing of Network Security Appliance at the Central Office.</li><li>• Training of DENR ICT staff.</li><li>• Submission of Warranty Certificate.</li></ul>	70%
<ul style="list-style-type: none"><li>• Delivery of all Network Security Appliances to the Bureau's and Regional Offices.</li></ul>	30%

Prepared by:

**ELIZAR S. CANTUBA**  
Information Technology Officer III  
Chief, Network Infrastructure Management Division  
Knowledge and Information Systems Service

**ANNEX A (DENR Regional addresses and Quantities per site)**

*\* Addresses and locations are subject to change please coordinate with DENR-CO for an updated list during project implementation.*

OFFICE	Address/Location	QTY
LMB	3rd floor, New Mines Geosciences Bureau (MGB) Compound, North Avenue, Diliman Quezon City.	1
ERDB	University of the Philippines Los Baños, College of Forestry and Natural Resources (UPLB-CFNR) campus Los Baños, Laguna	1
NCR	National Ecology Center, East Avenue, Quezon City	1
CAR	Forestry Compound, Gibraltar Rd, Pacdal, Baguio City	7
Region 1	Gov. Center DENR, San Fernando City, La Union	5
Region 2	#14 Dalan Na Pagayaya Corner Angicacua Regional Government Center, Carig Sur, Tuguegarao City;	6
Region 3	Diosdado Macapagal Government Center, Maimpis, City of San Fernando, Pampanga	8
Region 4A	DENCRIS Business Center, National Highway, Brgy Halang, Calamba, Laguna	6
Region 4B	DENR by the Bay, 1515 L & S Bldg., Salas -Cuarteles St., Roxas Blvd., Ermita, Manila 1000	6
Region 5	Regional Center Cite, Rizal St., Rawis Legazpi City	7
Region 6	Pepita Aquino Ave., Port Area, Iloilo City	7
Region 7	Govt. Center, Sudlon, Lahug, Cebu City	5
Region 8	Sto. Nino Ext., Tacloban City	7
Region 9	New Regional Gov't Ctr., Balintawak, Pagadian City, Zamboanga Del Sur	4
Region 10	Macabalan, Cagayan de Oro City (infront of police precinct)	6
Region 11	Km. 7 Bangkal Davao City (SPED road)	6
Region 12	Aurora St., Koronadal City	5
Region 13	Ambago, Butuan City	6
<b>TOTAL:</b>		<b>94</b>

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

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## **II. OTHER REQUIREMENTS**

1. Contractor to submit pictures/photos before, during and after conduct of Works.
2. All Materials to be used must be compliant with the Product Quality Standards set by the Bureau of Philippine Standards-DTI
3. All Materials to be used in the project must be presented for approval to DENR Authorized Representatives prior to its installation.
4. Bidder has no overdue deliveries or unperformed services intended for DENR.
5. Bidder did not participate as a consultant in the preparation of the design or technical specification of the WORKS subject of the bid.

## **III. REQUIREMENTS IF AWARDED THE CONTRACT**

The Contractor shall submit the following within fourteen (14) calendar days after issuance of the Notice of Award:

A Detailed Program of Work for approval of DENR's Authorized Representative, which shall include among others:

- a) The order in which it intends to carry out the work including anticipated timing for each stage of Work.
- b) Periods for review of specific outputs and any other submissions and approvals.
- c) Sequence of timing for inspections and tests as specified in the contract documents.
- d) Number of names and personnel to be assigned for each stage of the work.
- e) List of Equipment required on site for each major stage of the work.
- f) Description of the quality control system to be utilized for the project.

## **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 Company Authorized Representative**

\_\_\_\_\_  
**Name & Designation (in print)**

\_\_\_\_\_  
**Date**

## Section VII. Revised Technical Specifications

**Instruction to Bidders:** ***Please fill up the form accordingly and sign the Bidder's Undertaking. DO NOT LEAVE ANY BLANK. A "Yes" or "No" entry will not be accepted. Failure to conform will result in a rating of "FAILED".***

ROs, LMB, ERDB & NCR Deliverables		
A. 12 units Network Security Appliances (for sites with 201 to 250 users)		
Minimum Requirements and Specifications unless otherwise specified:		Bidder's Statement of Compliance*
1	Management 10/100/1000 Base-T RJ45 port	
2	RJ45/micro USB console port	
3	One network card expansion slot	
4	5x 10/100/1000 Base-T RJ45 slot	
5	2x USB ports for ISO installation	
6	Lights-out Management port	
7	1Gbps Threat Prevention Throughput	
8	2Gbps NGFW Throughput	
9	2Gbps IPS Throughput	
10	8GB memory	
11	1TB HDD	
12	With Firewall, VPN, User Awareness, QoS, Application Control, URL Filtering, IPS, Anti-Bot and Antivirus services	
13	<b>Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.</b>	
B. 4 units Network Security Appliance (for sites with 151 to 200 users)		
1	Management 10/100/1000Base-T RJ45 port	
2	RJ45/micro USB console port	
3	5x 10/100/1000Base-T RJ45 port	
4	2x USB ports for ISO installation	
5	Lights-Out Management Port	
6	580Mbps Threat Prevention Throughput	
7	1Gbps IPS Throughput	
8	8GB Memory	
9	240GB SSD	
10	With Firewall, VPN, User Awareness, Anti-Bot and Antivirus Services	
11	<b>Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.</b>	

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

(page 2 of 3)

<b>C. 2 Network Security Appliances (for sites with 51 to 100 users)</b>		<b>Bidder's Statement of Compliance*</b>
<b>Minimum Requirements and Specifications unless otherwise specified:</b>		
1	5x1GbE LAN ports	
2	1 x1GbE WAN port	
3	1xUSB port	
4	450Mbps Threat Prevention Throughput	
5	800Mbps NGFW Throughput	
6	900Mbps IPS Throughput	
7	With Firewall, VPN, User Awareness, QoS, Application Control, URL Filtering, IPS, Anti-Bot and Antivirus services	
8	<b>Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.</b>	
<b>PENRO DELIVERABLES</b>		
<b>A. 75 Network Security Appliances (for sites with 10 to 100 users)</b>		
1	5x1 GbE LAN ports	
2	1x1 GbE WAN port	
3	1x1 USB port	
4	450Mbps Threat Prevention Throughput	
5	800Mbps NGFW Throughput	
6	900Mbps IPS Throughput	
<b>B. 1 unit (for sites with 101 to 150 users)</b>		
1	8x1GbE LAN ports	
2	1x1GbE WAN port	
3	1x1GbE copper/fiber DMZ port	
4	1xUSB port	
5	1xUSB-C Console port	
6	660Mbps Threat Prevention Throughput	
7	1,300Mbps NGFW Throughput	
8	1,400Mbps IPS Throughput	

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

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Other Specifications		Bidder's Statement of Compliance*
Minimum Requirements and Specifications unless otherwise specified:		
1	With Firewall, VPN, User Awareness, QoS, Application Control, URL Filtering, IPS, Anti-Bot and Antivirus services	
2	<b>Must be managed centrally and monitored remotely from DENR Central Office. Bidder must propose a system that will include a Central Firewall Manager that will use and integrate existing firewall policies in the DENR Central Office and use the same firewall policies to their proposed firewall appliances that will be installed in the field offices.</b>	

**PLEASE INDICATE BRAND AND MODEL NOS. BEING OFFERED IN THE SPACE PROVIDED:**

**ROs, LMB, ERDB & NCR Deliverables**

**A. 12 Units Network Security Appliances (for sites with 201 to 250 users)**

\_\_\_\_\_

**B. 4 Units Network Security Appliances (for sites with 151 to 200 users)**

\_\_\_\_\_

**C. 2 Units Network Security Appliances (for sites with 51 to 100 users)**

\_\_\_\_\_

**PENRO Deliverables**

**A. 75 Units Network Security Appliances (for sites with 10 to 100 users)**

\_\_\_\_\_

**B. 1 unit (for sites with 101 to 150 users)**

\_\_\_\_\_

**I hereby certify to comply with the above Technical Specifications.**

Name of Company (in print)

\_\_\_\_\_  
Signature of Company Authorized Representative

\_\_\_\_\_  
Name & Designation (in print)

\_\_\_\_\_  
Date

*\*Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB a(ii) and/or GCC Clause (iii).*



**DENR BIDS AND AWARDS COMMITTEE**  
**REVISED CHECKLIST OF REQUIREMENTS FOR BIDDERS**

Name of Company: \_\_\_\_\_

Project: **SUPPLY, DELIVERY, INSTALLATION AND CONFIGURATION OF BRAND NEW NETWORK SECURITY APPLIANCES FOR THE DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES REGIONAL OFFICES (ROs), PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICES (PENROs), LAND MANAGEMENT BUREAU (LMB) AND ECOSYSTEM RESEACRH & DEVELOPMENT BUREAU (ERDB)**

Bid Ref. No. **Bid Ref. No. DENR-CO-2020-005**

**APPROVED BUDGET FOR THE CONTRACT: P11,960,000.00**

Ref. No.	Particulars	
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**ENVELOPE 1: ELIGIBILITY AND TECHNICAL DOCUMENTS**

In accordance with Clause 19.4 of the Instructions to Bidders, the bid, except for the unamended printed literature, shall be signed, and each and every page thereof shall be initialed, by the duly authorized representative/s of the Bidder.

12.1	<b>(a) ELIGIBILITY DOCUMENTS</b>		
(a)	<b>CLASS "A" DOCUMENTS</b>		
	<b>(a.1.) LEGAL DOCUMENTS</b>		
(i)	<p>Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the prescribed form attached as Annex I with attached <u>Proof of Authority of the bidder's authorized representative/s</u>:</p> <ul style="list-style-type: none"> <li>i. FOR SOLE PROPRIETORSHIP (IF OWNER OPTS TO APPOINT A REPRESENTATIVE): Notarized or unnotarized Special Power of Authority</li> <li>ii. FOR CORPORATIONS, COOPERATIVE OR THE MEMBERS OF THE JOINT VENTURE: Notarized or unnotarized Secretary's Certificate evidencing the authority of the designated representative/s.</li> </ul> <p><i>Note:</i></p> <ul style="list-style-type: none"> <li>1. <i>Should there be more than one (1) appointed authorized representatives, use the word "any of the following" or "OR", otherwise, all authorized representatives must sign/initial the bid submission.</i></li> <li>2. <i>Unnotarized documents shall be accepted pursuant to GPPB Resolution No. 09-2020 dated 07 May 2020</i></li> </ul> <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>		
	<p>Valid and current Certificate of PhilGEPS Registration (Platinum Membership) issued to bidder;</p> <p><i>[Note: The valid and current Certificate of Registration (Platinum Membership) shall reflect the updated eligibility documents. Should the Annex A of said Certificate reflects not updated documents, the bidder shall submit, together with the certificate certified true copies of the updated documents]</i></p> <p><u>OR</u></p> <p>The following Class "A" eligibility documents:</p> <ul style="list-style-type: none"> <li>a) Registration certificate from SEC, Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives;</li> <li>b) Copy of any of the following documents issued to bidder by the city or municipality where the principal place of business of the bidder is located or the equivalent document for exclusive Economic Zones or Areas: <ul style="list-style-type: none"> <li>i. Business/Mayor's Permit for 2020; or</li> </ul> </li> </ul>		

(ii)	<p>a. Application for Business/Mayor's Permit with attached Official Receipt (OR) of payment of Licensing and Regulatory fees and 2019 Business/Mayor's Permit.</p> <p><b><u>Note: Expired Business/Mayor's permit with Official Receipt of renewal application shall be accepted. Valid and current Business/Mayor's permit is subject for submission after award of contract but before payment, pursuant to GPPB Resolution No. 09-2020 dated 07 May 2020.</u></b></p> <p>c) Current and valid Tax Clearance per E.O. 398, series of 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR);</p> <p>d) Audited Financial Statements (AFS) for CY 2019 with stamped "received" by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions dated CY 2020;</p>	
<b><u>(a.2.) TECHNICAL DOCUMENTS</u></b>		
(iii)	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 II);	
(iv)	<p>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 II-A)</p> <p><u>Any of the following documents must be submitted/attached corresponding to listed completed largest contracts per Annex II-A:</u></p> <p>(a) Copy of End User's Acceptance; or</p> <p>(b) Copy of Official Receipt/s or Sales Invoice or Collection Receipt/s</p>	
<b><u>(a.3.) FINANCIAL DOCUMENTS</u></b>		
(v)	<p>Net Financial Contracting Capacity (NFCC) computation, in accordance with ITB Clause 5.5, (per Annex III).</p> <p>The NFCC computation must be equal to the ABC of this project. The detailed computation using the required formula must be provided.</p> <p>OR</p> <p>Original copy of Committed Line of Credit (CLC) per Annex III-A issued by a Local Universal or Local Commercial Bank at least equal to ten percent (10%) of the ABC of this project.</p>	
<b><u>Class "B" Document: (For Joint Venture)</u></b>		
<p><b><u>Class "B" Document: (For Joint Venture if applicable)</u></b></p> <p><i>The participating entities entering a Joint Venture Agreement (JVA) are to be treated as a single entity and shall be jointly and severally responsible or liable for the obligations and liabilities incurred by any partner to the JV pertinent to the project requirements.</i></p> <p><b><u>Hence, any Blacklisting Order and/or overdue deliveries intended for end-user or DENR shall apply to the JVA as the JV is deemed as one bidder.</u></b></p> <p><b><u>For Joint Ventures, Bidder to submit either:</u></b></p> <p>(i) <u>Copy of the JOINT VENTURE AGREEMENT (JVA) in case the joint venture is already in existence, or</u></p> <p>(ii) <u>Copy of Protocol/Undertaking of Agreement to Enter into Joint Venture (Annex IV) 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</u></p> <p>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 by the bidder of the notice from the BAC that the bidder is the Lowest Calculated and Responsive Bid [Sec 37.1.4 (a) (i)]</p> <p><b><u>The JVA or the Protocol/Undertaking of Agreement to Enter into Joint Venture (per Annex IV) must include/specify the company/partner and the name of the office designated as authorized representative of the Joint Venture.</u></b></p>		

**(b) TECHNICAL DOCUMENTS**

(i) 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 (₱)	Bid Security: Cash, Cashier's/ Manager's Check, Bank Draft / Guarantee, Irrevocable Letter of Credit (2%) (₱)	Bid Security: Surety Bond (5%) (₱)	Bid Securing Declaration
<u>11,960,000.00</u>	<u>239,200.00</u>	<u>598,000.00</u>	No required Amount

1. Bid Securing Declaration per Annex V;
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
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. 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.
5. For submission of Bank Draft/Guarantee or Irrevocable Letter of Credit or Surety Bond, the following must be stated/specified in the Bid Security pursuant to Section III, ITB Clause 18.5, to wit:

*The following are the grounds for forfeiture of Bid Security*

- IF A BIDDER:
  - 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:
  - (i) fails to sign the contract in accordance with Section 40 of the Revised IRR of RA 9184; or
  - (ii) fails to furnish performance security in accordance with Section 40 of the Revised IRR of RA 9184.

**Note: Duly notarized or unnotarized Bid Securing Declaration shall be accepted pursuant to GPPB Resolution No. 09-2020 dated 07 May 2020.**

	(ii)	Conformity with Section VI. Schedule of Requirements (Terms of Reference as of 4 August 2020) and Section VII. Revised Technical Specifications, attached in the Supplemental/Bid Bulletin No. 1	
<b>ENVELOPE 2: FINANCIAL DOCUMENTS</b>			
<b><u>13.1</u></b>		Completed and signed Financial Bid Form. Bidder must use, accomplish and submit Bid Form ( <b>Annex VI</b> ).  The ABC is inclusive of VAT. Any proposal with a financial component exceeding the ABC shall not be accepted.	
<b>Note: In case of inconsistency between the Checklist of Requirements for Bidders and the provisions in the Instruction to Bidders/Bid Data Sheet, the Instruction to Bidders/Bid Data Sheet shall prevail.</b>			