



*Republic of the Philippines*

***NATIONAL AUTHORITY FOR CHILD CARE***

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**INSTALLATION AND  
CONFIGURATION OF FIREWALL  
NETWORK SECURITY SYSTEM**

The National Authority for Child Care (NACC), through the Finance and Administrative Division (FAD), intends to apply the sum of Eight Hundred Thousand (Php800,000.00) as approved Agency Budget Ceiling (ABC) chargeable against the ICAB 2021 GAA Funds for the **INSTALLATION AND CONFIGURATION OF FIREWALL NETWORK SECURITY SYSTEM**

## Objectives:

The enactment of the Republic Act 11642 mandates the creation of the National Authority for Child Care (NACC) and reorganizes the Inter-Country Adoption Board (ICAB). The NACC is now a one-stop-shop quasi-judicial agency that shall exercise all powers and functions relating to alternative childcare including, declaring a child legally available for adoption for both domestic administrative adoption and inter-country adoption, foster care, kinship care, family-like care, or residential care. With the expansion of its programs and services, the scope widened, and the necessity for a next-generation firewall solution that will provide a secure and scalable environment. In a computer network, the most vulnerable to attack are those that provide services outside of the local area network, such as websites, email, etc. Since these hosts are more likely to be compromised, they are placed in their own subnet to protect the rest of the network when an intruder wants to attack the network.

The focus of methods and tools is to protect desktops and servers (host-based intrusion detection) and usually large high-speed ISPs' networks. These two areas are well-protected using a Network Security System.

## GENERAL INFORMATION

Target Beneficiaries	The entire NACC Office
Proponent	Admin Unit

## TECHNICAL SPECIFICATIONS

No.	Requirement	Qty
1	<b>Firewall Equipment</b> Processor <ul style="list-style-type: none"><li>➤ 9<sup>th</sup> Gen Custom SPU CP9</li></ul> Interface <ul style="list-style-type: none"><li>➤ 2x GE RJ45 HA/MGMT Port</li><li>➤ 16x GE RJ45 Ports</li><li>➤ 2x 10 GE SFP+ Slots</li><li>➤ 2x 10 GE SFP+ Link Slots</li><li>➤ 8x GE SFP Slots</li><li>➤ 1x USB port</li><li>➤ 1x Console Port</li><li>➤ 1x Onboard Storage SSD 480 GB</li></ul> System Performance <ul style="list-style-type: none"><li>➤ ISP Throughput 5Gbps</li><li>➤ NGFW Throughput 3.5Gbps</li><li>➤ Threat Protection Throughput 3 Gbps</li><li>➤ Secure Web Gateway (SWG)</li><li>➤ Secure SD-WAN</li></ul> System Performance and Capacity	1

	<ul style="list-style-type: none"> <li>➤ IPv4 Firewall Throughput 27 / 27 / 11Gbps</li> <li>➤ Firewall Throughput (Packet per Second) 16.5 Mpps</li> <li>➤ Gateway-to-Gateway IPsec User's VPN Tunnels 2000</li> <li>➤ Client-to-Gateway IPsec VPN Tunnels 16 000</li> <li>➤ SSL VPN Throughput 2 Gbps</li> <li>➤ Concurrent SSL-VPN Users 500</li> <li>➤ SSL Inspection Throughput 4 Gbps</li> <li>➤ Application control Throughput 13 Gbps</li> <li>➤ CAPWAP Throughput (HTTP 64K) 20 Gbps</li> </ul> <p>Dimensions and Power</p> <ul style="list-style-type: none"> <li>➤ Height x Width x Length (inches) 1.73 x 17.01 x 13.47</li> <li>➤ Weight 10.14 lbs. (4.6kg)</li> <li>➤ Form Factor Ear Mount, 1 RU</li> <li>➤ AC Power Supply 100-240V AC, 50/60 Hz</li> <li>➤ Power Consumption 104.52 W/ 121.94 W</li> </ul> <p><b>Firewall Subscription</b></p> <p>Enterprise protection</p> <ul style="list-style-type: none"> <li>➤ Technical Assistant 24x7</li> <li>➤ Gateway App Control Service</li> <li>➤ Gateway IPS Service</li> <li>➤ Gateway Web and Video Filtering Service</li> <li>➤ Gateway Antispam Service</li> <li>➤ Gateway Bot Detection Service</li> <li>➤ Gateway Industrial Service</li> <li>➤ Advance Malware Protection (AMP)</li> <li>➤ Antivirus</li> <li>➤ Mobile Malware Protection</li> <li>➤ Botnet</li> <li>➤ CDR</li> <li>➤ Virus Outlook break protection</li> <li>➤ Cloud Service Protection</li> </ul>	<p>1 year</p>
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**A. Duration of Contract**

The NACC/ICAB Firewall Security System must be production-ready within fifteen (15) days from the date of issuance of the Notice to Proceed (NTP). Included in the contract is the transfer of the device and configuration to the new building without any additional cost.

**B. Payment Terms**

- Initial payment of Fifteen Percent (15%) mobilization shall be paid upon contract signing.
- Seventy-Five Percent (75%) of the Total Contract Price shall be paid upon completion of the project.
- Ten Percent (10%) of the Total Contract Price shall be withheld as a retention fee and be paid after the 3years warranty period.

**C. Deployment and Implementation Services**

The Firewall will be deployed on the premises of the National Authority for Child Care (NACC). The service provider will configure and customize Firewall features and functions in accordance with NACC.

#### D. Technical Support and Contract Agreement

- The service provider shall provide scheduled technical support in person or by phone/fax to resolve technical and other related issues in accordance with the contract agreement/service level agreement (SLA).
- Resolution can be provided through telephone, electronic, and/or on-site solutions. It shall refer to a condition wherein the reported problem is resolved by the Bidder to the satisfaction of the end-user.

#### E. User Acceptance

The procedure for User Acceptance Testing (UAT) shall be as follows:

- Submit all documentation before the conduct of UAT.
- Revise documents based on the initial results of UAT if not successfully completed and issuance of Certificate of Acceptance of Documentation.
- Issuance of a Certificate of User Acceptance upon successful completion of UAT.

#### F. Qualification of the Supplier

The Supplier for this project shall be a firm with a proven track record in Information Technology-related projects/endeavors and shall have to possess the following.

- The supplier must be legally registered and has 5years of experience in supplying and installing firewall with licenses and other information technology equipment.
- At least five (5) years of experience in IT-related projects both in government and/or private.
- Bidders must show considerable experience in the design, development, deployment, implementation, and technical support of a Firewall installation and configuration.
- The provider should provide a team of IT experts with skills and experience in design, development implementation, user training, and technical support in Information Systems.
- Preferably experienced in dealing and engaging with the government agencies
- Two (2) NSE4 - Cybersecurity Technical Certification
- Three (3) NSE7 - Cybersecurity Advanced Certification

#### G. System and Equipment Warranty

- 3 years for equipment
- 3 years 24x7 Technical Onsite Support with 4 hours response time during the Warranty Period.
- The warranty certificate shall include the Service Level Agreement (SLA) and specific terms of the warranty that will be implemented during the warranty period of every component