ISO 9001:2015 CERTIFIED

NATIONAL SOCIAL SECURITY FUND

ADDENDUM NO.1 DATED 11TH JUNE 2026

TENDER REFERENCE NO: **NSSF/ONT/NS/22/2025/26**

TENDER DESCRIPTION**: SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF NETWORK AND SECURITY COMPONENTS**

National Social Security Fund (NSSF) advertised the above mentioned tender through posting it in the Public Procurement Information Portal (PPIP) as well as NSSF website on 4th June, 2026.

Bidder have sought clarifications on different items. The procuring entity wishes to issue this addendum as a response to the requested clarification and amend the tender requirements.

AMMENDMENT TO THE REQUIREMENTS

1. **Access Points –** It was noted that the posted specification were not for the intended equipment. **The correct specifications for the access points is as provided in Table 1 below.**

Table 1: Access Points (Quantity: 40)

No	REQUIREMENT: Access Points	VENDOR RESPONSE	
	Minimum Requirements	COMPLIANCE (YES/NO)	EXPLANATION
1.	Access points should be Indoor APs		
2.	The solution must support Number of Radios 3 Wi-Fi + 1 BLE		
3.	The solution must support Number of Antennas 6. x2 Dual band Wi-Fi + x2 6GHz band Wi-Fi + x1 BLE/ ZigBee antenna + x1 GPS antenna		

4.	The solution must have Antenna Type and Peak Gain PIFA 2.4/5GHz dual band antenna: 4.2 dBi for 2.4GHz, 5.0 dBi for 5 GHz PIFA 6GHz antenna: 5.1 dBi for 6GHz band PFA BLE antenna: 3.4 dBi for 2.4GHz		
5.	The solution must be supplied with AC Power Adaptors		
6.	The solution must support the below Frequency Bands (GHz) 2.4GHz Band: ISM 2.4-2.484GHz 5.0GHz Band: UNII-1 5.15-5.25GHz, UNII-2A 5.25-5.35GHz, UNII-2C 5.47-5.73GHz, UNII-3 5.725-5.85GHz, UNII-4 5.85-5.895GHz 6.0GHz Band: UNII-5 5.925-6.425GHz, UNII-6-6.425-6.525GHz, UNII-7 6.525-6.875, UNII-8 6.875-7.125GHz		
7.	The solution must support the below Radio 1 Capabilities Frequency band: 2.4GHz Channel width: 20/40MHz Modulation: BPSK, QPSK, 64/256/1024/4096 QAM MIMO Chains: 2x2 Service Radio 2 Capabilities Frequency band: 5.0GHz UNII-1 to UNII-4 Channel width: 20/40/80/160MHz Modulation: BPSK, QPSK, 16/64/256/1024/4096 QAM MIMO Chains: 2x2 Service Radio 3 Capabilities Frequency band: 6.0GHz UNII-5 to UNII-8 Channel width: 20/40/80/160/320MHz Modulation: BPSK, QPSK, 16/64/256/1024/4096 QAM MIMO Chains: 2x2 Service Maximum Data Rate 2.4GHz band: up to 688 Mbps 5.0GHz band: up to 2.882 Gbps 6.0GHz band: up to 5.765 Gbps		

8.	The A|Ps must support Bluetooth Low Energy (BT/BLE) Radio Bluetooth scanning and iBeacon advertizement @10 dBm max TX power		
9.	The solution must support Trusted Platform Module (TPM)		
10.	The solution must support GNSS GPS L1 C/A: 1575.42 MHz, GLONASS L1: 1598.0625–1605.375 MHz BeiDou : 1561.098 MHz, Galileo E1: 1575.42 MHz		
11.	The solution must support Interfaces x1 100M/1000M/2.5G/5.0G Multigigabit Ethernet (RJ45) x1 RS-232 RJ45 Serial Port		
12.	The solution must support Power over Ethernet (PoE) LAN1:802.3at		
13.	The solution must support Simultaneous SSIDs Up to 8 per client serving radio (7 if background scanning is enabled)		
14.	The solution must support EAP Type(s) EAP-TLS, EAP-TTLS/MSCHAPv2, PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC, EAP-SIM, EAPAKA, EAP-FAST, EAP-TTLS/PAP		
15.	The solution must support User/Device Authentication WPA™, WPA2™, and WPA3™ with 802.1x or Preshared key, WEP, Web Captive Portal, MAC blacklist and whitelist		
16.	The solution must support Maximum Tx Power (Conducted) 2.4GHz band: 26 dBm/400 mW (2 chains combined)* 5.0GHz band: 23 dBm/200 mW (2 chains combined)* 6.0GHz band: 22 dBm/158 mW (2 chains		

	combined@320MHz BW)		
17.	The solution must support Kensington Lock Yes		
18.	The solution must support IEEE Standards 802.11a, 802.11b, 802.11be, 802.11e, 802.11g, 802.11h, 802.11i, 802.11j, 802.11k, 802.11n, 802.11r, 802.11v, 802.11ac, 802.11ax, 802.11mc, 802.1X, 802.3af, 802.3at, 802.3bt, 802.3az, 802.1Q, 802.11u, 802.11w, 802.3bz		
19.	The solution must support 802.11w, 802.3bz SSID Types Supported Local-Bridge, Mesh, and Tunnel 802.11ac, 802.11ax, 802.11mc, 802.1X, 802.3af, 802.3at, 802.3bt, 802.3az, 802.1Q, 802.11u, 802.11w, 802.3bz		
20.	The solution must support 802.11w, 802.3bz SSID Types Supported Local-Bridge, Mesh, and Tunnel		
21.	The solution must support Per Radio Client Capacity Up to 512 clients per radio (Radio1, Radio2, and Radio3)		
22.	The solution must support LED Off Mode		
23.	The solution must support OFDMA		
24.	The solution must support Wireless Monitoring Capabilities - Rogue Scan radio modes Background, Dedicated - WIPS / WIDS radio modes Background, Dedicated (Recommended) - Packet Sniffer Mode - Spectrum Analyzer		
25.	The solution must support Dimensions		

	Length x Width x Height 6.88 x 6.88 x 2.2 inches (175 x 175 x 56 mm) Weight 2.22 lbs (1.01 kg)		
26.	The solution must come with Ceiling, T-Rail, and Wall mounting		
27.	The solution must support CPU/RAM Quad-core ARM Cortex-A53 1.5GHz / 2 GB		
28.	The solution must support Power Supply 802.3bt PoE: GPI-145 or 802.3at PoE: GPI-130 or 12V, 2.5A, 30 Watt DC power supply SP-FAP200-PA-XX		
29.	The solution must support Power Consumption (Max) 15.2 W - PoE input 14.3 W - 12V DC power supply		
30.	The solution must support operating/Storage Temp. 32°F to 122°F (0°C to 50°C) / -22°F to 158°F (-30°C to 70°C)		
31.	The solution must support Mean Time Between Failures >10 Years		
32.	The Supplier shall provide a minimum of one (1) years of Original Equipment Manufacturer (OEM) hardware and software support from the date of acceptance.		

2. **Access Switches (24 Port) –** It has since been noted that there was a mix up in the description of 24 port switches. The required switches is **an access switch with 24 ports with the features shown in Table 2: below**

Table 2: Access Switches (24 Port) - (Quantity: 25)

No		REQUIREMENT: Access Switch	VENDOR RESPONSE	
	Item	Minimum Requirements	COMPLIANCE (YES/NO)	EXPLANATION
1.	Model	The Proposed brand should be internationally recognized in the		

		industry for the last 15 Years.		
2.	Forwarding performance	The proposed equipment shall support switching capacity of at least 128 Gbps		
3.	Must Support Plug and Play (PnP)	Should have a simple, secure, unified, and integrated offering to ease new branch or campus device rollouts or updates to an existing network		
4.	Must Support Software-Defined Access	Support Simplified operations and deployment with policy-based automation from edge to cloud managed with capability to provide network overlay (VXLAN)		
5.	Jumbo frames	Must support Jumbo frames of 9198 bytes or higher		
6.	Automated device provisioning	Must support the ability to automate the process of upgrading software images and installing configuration files when they are being deployed in the network for the first time.		
7.	API-driven configuration	Must support open and programmable, with full API support, allowing for deep integration with existing network management systems and other public cloud providers.		
8.	Port	The equipment shall have up to 24-port 1000BASE-T ports: RJ-45 connectors PoE+ 4x10G uplink		

9.	Power	The equipment shall support IEEE 802.3af and 802.3at , POE+		
		The equipment must have the capability to provide internal redundant power supplies. MUST have redundant hot-swappable Power Supplies.		
10.	NTP	Must be able to support NTP time synchronization		
11.	Layer2	- The equipment must support up to 32K MAC addresses - The equipment must support at least 4096 VLAN ID's		
12.	Layer3	The equipment must support IP unicast routing protocols (including static, Routing Information Protocol Version 1 [RIPv1], RIPv2, RIPng, and Open Shortest Path First [OSPF], Routed Access) are supported for small network routing applications		
		The equipment must support IPv4/IPv6		

		3000 IPv4 routing entries		
		The equipment must support VRRP		
13.	Security	The equipment Must support 802.1q VLAN tagging.		
14.		The equipment must support port-based network access control according to IEEE 802.1x standard with also capability to support The equipment must support AAA authentication, RADIUS authentication, and TACACS authentication		
15.	QoS	Industry-leading mechanisms for cross-stack marking, classification, and scheduling deliver superior performance for data, voice, and video traffic at wire speed.		
		The equipment must support Superior QoS which includes granular wireless bandwidth management and fair sharing, 802.1p Class of Service (CoS) and Differentiated Services Code Point (DSCP) field classification, Shaped Round Robin (SRR) scheduling or (Weighted Round Robin) scheduling or superior, Committed Information Rate (CIR), and eight egress queues per port		

16.	Network O&M	The equipment must support SNMPv1/v2c/v3, RMON, Telnet and SSH		
17.	System Memory & Flash	Memory – 4 GB Flash - 8 GB		
18.	Warranty & Support	The solution should include a 3-year warranty covering both hardware and software.		

Other requsst sought by bidders

1. **Access Switches (48 Port) –** Interested bidder were concerned of the potential alighment to specific OEM/MODEL.

   Response
   The client is specific with Fortinet for integration with the solutions already procured and are in place.

2. Clarification was also sought on whether bidders are expected to propose one OEM/vendor for all network equipment.

   Response
   The answer is NO
   The items required are additional devices to the specific existing solutions.

The rest of the requirements remain the same as the tender document.

Managing Trustee/CEO