

**TERMS OF REFERENCE(S) (TOR)**  
**FOR SELECTION/EVALUATION OF**  
**VENDOR FOR**  
**NETWORK EQUIPMENT**

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## 1 Overview & Background

The United States Educational Foundation in Pakistan (USEFP) was established in 1950 by the governments of Pakistan and the United States. USEFP is a binational commission composed of an equal number of Pakistanis and Americans, with the Chair alternating between a Pakistani and an American. USEFP is one of 51 'Fulbright Commissions' located throughout the world. Since 1951 when the first group of Pakistani grantees travelled to America and in 1952 when the first American grantees visited Pakistan, the USEFP has fostered mutual understanding between the people of Pakistan and the United States through educational and cultural exchange. Nearly 4,000 Pakistanis and more than 800 Americans have participated in USEFP administered exchange programs.

The Foundation receives support and counsel from both the Pakistan and U.S. Governments, but it is not an agency of either. The Foundation supervises a variety of programs that send Pakistani students and scholars to American campuses while bringing American scholars to universities in Pakistan. The goal of all USEFP programs is to help Pakistanis learn more about the U.S. and to help Americans learn more about Pakistan and its people.

## 2 Purpose of this Document

The purpose of this document is to specify the approach that USEFP will use to select the **Vendor** interested in providing "**NETWORK EQUIPMENT**" to the United States Educational Foundation in Pakistan.

This document also describes the requirements that the Firms must fulfill in order to be selected.

#### 4 Selection Criteria

**NOTE: Quotations containing Equivalent Product from Other Manufacturers (than the ones listed below) will also be acceptable**

**NOTE: Vendor will be responsible for Installation and Configuration of the Equipment.**

<b>Cisco Router</b>	<b>Quantity</b>
<b>Cisco Catalyst C8300-1N1S-4T2X Router</b> SNTC-8X5XNBD Cisco Catalyst C8300 (Duration: 12 month, option 36 months)	<b>1</b>
<b>Cisco Switches</b>	<b>Quantity</b>
<b>C9500-24Y4C-E</b> Catalyst 9500 24x1/10/25G and 4-port 40/100G, Essential SNTC-8X5XNBD Catalyst 9500 24-port 25/100G only, Esse (Duration: 12 month, option 36 months) DNA Essentials 3 Year License 650W AC Config 4 Power Supply front to back cooling (C9K-PWR-650WAC-R/2)	<b>2</b>
<b>C9200L-24P-4X-E</b> <b>Catalyst 9200L 24-port PoE+, 4 x 10G, Network Essentials</b> SNTC-8X5XNBD Catalyst 9200L 24-port PoE+, 4 x 10G, Ne (Duration: 12 month, option 36 months) C9200L Cisco DNA Essentials, 24-port, 3 Year Term license 600W AC Config 5 Power Supply - Secondary Power Supply Cisco Catalyst 9200L Stack Module	<b>11</b>
<b>C9200L-24PXG-4X-E</b> C9200L 24-p 8xmGig, 16x1G, 4x10G, PoE+, Network Essentials SNTC-8X5XNBD C9200L 24-p 8xmGig, 16x1G, 4x10G, PoE+ (Duration: 12 month, option 36 months) C9200L Cisco DNA Essentials, 24-port, 3 Year Term license 600W AC Config 5 Power Supply - Secondary Power Supply Cisco Catalyst 9200L Stack Module	<b>5</b>

#### 4 Selection Criteria

<p><b>C9200L-48T-4X-E</b> Catalyst 9200L 48-port data only,4 x 10G,Network Essentials SNTC-8X5XNBD Catalyst 9200L 48-port data, 4 x 10G ,Ne (Duration: 12 month, option 36 months) C9200L Cisco DNA Essentials, 48-port, 3 Year Term license 125W AC Config 5 Power Supply - Secondary Power Supply Cisco Catalyst 9200L Stack Module</p>	<p><b>9</b></p>
<p><b>C9200L-24T-4X-E</b> Catalyst 9200L 24-port data only,4 x 10G,Network Essentials SNTC-8X5XNBD Catalyst 9200L 24-port data, 4 x 10G ,Ne (Duration: 12 month, option 36 months) C9200L Cisco DNA Essentials, 24-port, 3 Year Term license 125W AC Config 5 Power Supply - Secondary Power Supply Cisco Catalyst 9200L Stack Module 1M to 3M Type 4 Stacking Cable</p>	<p><b>3</b></p>

Stacking Cables	Quantity
<b>3M Type 4 Stacking Cable</b>	<b>6</b>

SFP	Quantity
<b>SFP 10G</b>	<b>40</b>

Cisco Access Points	Quantity
<p><b>C9800-L-F-K9</b> Cisco Catalyst 9800-L Wireless Controller_Fiber Uplink SNTC-8X5XNBD Cisco Catalyst 9800-L Wireless Controlle (Duration: 12 month, option 36 months)</p>	<p><b>1</b></p>
<p><b>C9115AXI-G</b> Cisco Catalyst 9115AX Series SNTC-8X5XNBD Cisco Catalyst 9115AX Series (Duration: 12 month, option 36 months) Wireless Cisco DNA On-Prem Essential, 3Y Term Lic</p>	<p><b>35</b></p>

4 Selection Criteria

**C9124AXE-ROW**

Wi-Fi 6 Outdoor AP, External Ant, -ROW Regulatory Domain  
SNTC-8X5XNBD Wi-Fi 6 Outdoor AP, External Ant, -ROW Reg  
(Duration: 12 month, option 36 months)  
Wireless Cisco DNA On-Prem Essential, 3Y Term Lic  
Vertical pole/wall mounting kit for Catalyst APs  
2.4GHz 6dBi/ 5GHz 8dBi Dual Band Omni Antenna N Connector

**2**

#### 4 Selection Criteria

### Network Admission Control (NAC)

Quantity: 1

#### General Specification:

- The NAC solution must eliminate ‘blind spots’ and provides a wealth of actionable data.
- The NAC solution must offer Network Visibility, Device Profiling, Easy and powerful Onboarding process, Endpoint Compliance, Network Provisioning and Threat Identification module provide security actions through integration.
- Allows organization to authenticate and authorize users and endpoints via wired, wireless, and VPN with consistent security policy.
- NAC solution must be **vendor agnostic** solution suited for heterogeneous network.
- NAC solution must be integrated with existing network and security equipment and application.
- The proposed solution must be capable of working with **endpoint agents and agentless**.
- NAC solution must have the ability to inventory all devices on a network including non-PC equipment like printers, smart phones, IP-phones, and appliances.
- Must authorize access via VLAN assignment and/or applying access control lists (ACLs).
- The NAC solution MUST be best in class **fully out-of-band** NAC solution that fits in any heterogeneous network.
- Guest management capabilities must be quickly and easily to set up guest account without engaging IT staff.
- System can be delivered On-Premise via either a Physical Appliance, Virtual Appliance.

#### Endpoint profiling Requirements

- Must support profiling for clientless devices based on a DHCP fingerprint, NMAP scan, Vendor OUI, location, open ports and the existence of the persistent agent
- Must support profiling for iPhone, iPad, Android, network printers, IP surveillance cameras etc.
- Profiling via WMI must be supported

#### Authentication and Enforcement Requirements

- Must support flexible authentication options to include, 802.1X, Web Authentication and MAC Authentication.
- It should support both user and machine authentication without any additional configurations.
- Should be able to append additional attributes to incorporate the authenticator's location, device type, vendor etc. apart

## 4 Selection Criteria

from the user attributes.

- The solution must provide the ability to authenticate an endpoint using an agentless scanning capability.
- The solution should allow only authenticated/managed devices to connect to organization networks and enforces security policies by blocking, isolating, and repairing noncompliant machines in a quarantine area without needing administrator attention.

### **Endpoint Compliance and Remediation Requirements**

- The solution must support both agent-based (Persistent Agent, Dissolvable Agent) and agentless endpoint inspection.
- The NAC solution must perform system checks on service packs, patches, critical updates enabled, Antivirus & Antispyware, static IP, services/processes running, invalid services/processes, file existence, any Microsoft registry settings.
- The solution must provide a quarantine role that ties into the integrated patch management systems. Within this quarantine role the solution shall provide a "self-remediation" web captive portal. Non-compliant devices must be quarantined dynamically and provided with instructions for self-remediation or can be interfaced with auto-remediation systems such as BigFix and PatchLink.
- The NAC solution must provide scheduled updates for AV and Antispyware (.dat file and engine version) and exceptions to be created if required.

### **Guest Management**

- Solution should support limited and controlled administrative access for Guest Management Only.

### **Management and Reporting requirements**

- Offers a built-in monitoring, reporting, and troubleshooting console to assist helpdesk operators and administrators streamline operations.
- Must support the option of having dedicated reporting and monitoring system
- Must include integrated monitoring, reporting, and troubleshooting engine accessible through a web-based GUI



#### 4 Selection Criteria

The agency will be selected on the basis of following criteria:

Criteria		Marks
<b>1</b>	<b>Company Information</b>	<b>9</b>
1.1	Legal structure of company (Proprietorship, Private Ltd, Public Ltd)	
<b>2</b>	<b>Technical Services</b>	<b>15</b>
2.1	Partnerships status with Vendor	
2.2	After Sales Support and Services	
<b>3</b>	<b>Pricing</b>	<b>60</b>
3.1	Product Pricing	
3.2	Volume discounts and other incentives to USEFP	
<b>4</b>	<b>Delivery Time</b>	<b>16</b>

## 5 Other Terms and Conditions

**Pricing and Currency: PKR prices will be preferred.** USEFP reserves the right to negotiate separate preferential rates with the third-party supplier etc. If prices are not in PKR, National Bank TT Selling rate on the date of cheque preparation will be used for conversion.

**Payment Terms:** 100% upon delivery. All payments will be made in PKR through cheque. Payment processing time will be 15 working days after delivery has completed and invoice has been submitted.

**Registration & Taxes:** The applicant firms must be registered companies having complete postal address, telephone, fax, National Tax Number (attach copy). All applicable taxes should be explicitly mentioned and should be included in the Total price.

**General Conditions:** USEFP reserves the right to reject all or a part of this (TOR) WITHOUT NOTICE. Any changes to the proposal requirements will be made by written addendum. USEFP is under no obligation to select any of bidder(s) submitting the proposal and has right to cancel the assignment without any cause.

**Liability of Costs and Responsibility:** USEFP shall not be liable for any costs incurred in preparing response to this TOR. Respondent hereby indemnifies to hold USEFP harmless from all liability(ies), claim(s) or expense(s) incurred in any manner whatsoever by or on behalf of that person or organization in connection with or relative to this process.

**Validity:** A min validity of 30 days is preferable. If any vendor cannot provide a validity of 30 days, please clearly mention the validity. USEFP reserves the right to reject any proposal if the Validity is not suitable for the USEFP procurement process.

**Information Only:** The information provided within this TOR is intended to help prospective respondents in creating a viable proposal. However, it shall be the sole and absolute responsibility of those responding to this TOR to complete it on their own with due diligence.

## 6 Undertaking

I/We declare that the information provided in the “Proposal for Network Equipment” is accurate and can be proved whenever required. I/We further declare that if in case the information provided by me/us in this “Expression of Interest” proved to be incorrect at any point, USEFP reserves the right to take any action deemed feasible by the USEFP authorities against me/us. I/We further declare that our company (\*\*\*\*\* Company Name here \*\*\*\*\*) is not blacklisted by any division, department or organization of Government of Pakistan. The decision of USEFP shall be regarding the acceptance or rejection of the bid shall be final and binding and will not be challenged in the court of law.

Signature and Seal



## 7 Proposal

The Proposal should clearly detail all the required information against the selection criteria mentioned above.

The sealed proposals in marked envelope “Proposal for Network Equipment” complete in all respects should reach latest by 4:30 pm on **August 23, 2024** to

### **Director Alumni Affairs**

United States Educational Foundation in Pakistan (USEFP)  
House 5, Street 17, F-6/2, Islamabad  
Phone # 051- 8431 504

An e-mail must be given to [zafar@usefp.org](mailto:zafar@usefp.org) informing that proposal has been submitted to USEFP.

## 8 Contact Information

### **Assistant Manager IT**

United States Educational Foundation in Pakistan (USEFP)  
Phone # 051- 8431 306  
Email: [talha@usefp.org](mailto:talha@usefp.org)  
URL: [www.usefp.org](http://www.usefp.org)