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**SHRI VISHWAKARMA SKILL UNIVERSITY**
(Enacted Under Government of Haryana, Act No. 25 of 2016)

**Date: 12th June 2023, Corrigendum No:2 Tender for IT/Network/OFC Laying work at SVSU, Dudhola, Palwal. (Tender No. SVSU/ITCell/2023/T002 and Tender ID: 2023_HRY_282094_1)**

With reference to the captioned subject matter, the following queries were raised by the different vendors during the pre-bid meeting in physical mode and same was also shared over the email.

The response of the queries is shown in the last column of the table details are as under: -

| S. No. | RFP rule details | Page No. | Query Raised | Update/Amendment |
|---|---|---|---|---|
| 1 | For delivery of goods at the purchaser's premises, the insurance shall be obtained by the supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes. The insurance shall be valid for a period of not less than 3 months after installation and commissioning. | 12 | The query was raised to provide place for material storage and for insurance to be considered till material supplied at the site. | **The SVSU will provide a secure place for storage of the material till the installation and commissioning of the project. The insurance is upto the bidder.** |
| 2 | Payment: For Indigenous supplies, 100% payment shall be made by the Purchaser against delivery, inspection, successful installation, commissioning, and acceptance of the equipment at SVSU, Palwal Campus in good condition and to the entire satisfaction of the Purchaser and on production of unconditional performance bank guarantee as specified in Clause 3.7 of tender terms and conditions. | 14 | The query was raised for the part payment and payment in case the work delayed due to any reason on University side. | **No change in payment terms. And if and only if, delay in the execution of the work from the purchaser side, the duration will not be count in delay period and no penalty will be levied for that duration.** |
| 3 | 3.30 Application Specialist: The Bidder shall mention in the Techno-Commercial bid the availability and names of Application Specialist and Service Engineers in the nearest regional office. (Ref. to Annexure-VI) | 14 | Annexure reference query | **Annexure - VI may be read as IV.** |
| 4 | (V) The bidder shall have successfully completed atleast three (3) OFC Laying or Networking project in Universities/ Institutes/ Public/ Private sector in India in last five years. | 18 | eligibility query | **No Change** |

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| 5 | CAT6 Patch Panel (24 port)- un-Loaded, | 23 | Technical Query | May be read as (both in tender document and in BoQ) **CAT6-A Patch Panel (24 port)- un-Loaded.** |
| 6 | CAT6 Information Outlet | 23 | Technical Query | May be read as (both in tender document and in BoQ) **CAT6-A Information Outlet** |
| 7 | (17) HDPE pipe (75 mm) with nylon rope inside - As per Technical | 24 | To reduce pipe size to 40mm | **No Change** |
| | (18) HDPE Pipe Coupler 75 mm -As per Technical Specs | 24 | To reduce pipe size to 40mm | **No Change** |
| 9 | (26) DTX Copper Scanning CAT6/CAT6A | 24 | Technical Query | **No change** |
| 10 | 5.7 b. All the hardware and devices must have 5 years of warranty and any software or licenses attached with devices must be valid for minimum five (5) years. | 36 | Technical Query | **May be read as "All the hardware and devices must have 5 years of warranty and any software or licenses attached with devices must be valid for minimum five (5) years" Except the firewall device which has 3-year security license.** |
| 11 | ITEM-1: Technical Specification of 24-port 1/10G Base-X/T Layer-3 Stackable Mean time between failures (MTBF): 192,898 hours (~22 years) | 25 | Kindly change and mention it to some industry standard i.e., >10 years or (94264 hours) | **No change Required More MTBF is good for the end user and every reputed OEM have such kind of product.** |
| 12 | ITEM-1: Technical Specification of 24-port 1/10G Base-X/T Layer-3 Stackable L2 Services> IPX | 26 | Kindly remove | **No Change** |
| 13 | ITEM-1: Technical Specification of 24-port 1/10G Base-X/T Layer-3 Stackable L2 Services>LAG Hashing, LAG Member Port Flaps Tracking | 26 | Kindly change to LACP/LAG services | **May be read as LACP/LAG in place of LAG.** |
| 14 | ITEM-2: Technical Specification of 24-port 10G SFP+ with 2x10G Copper Shared ready uplinks, Layer-3, Stackable Managed Switch Shall support minimum of 8 units to be stacked in a single group or an external stacking module shall be supplied. | | why you have asked stacking support for 8 switches, it can be OEM specific, kindly change to Stacking/VSS support upto 4 Switches | **No change** |
| 15 | ITEM-2: Technical Specification of 24-port 10G SFP+ with 2x10G Copper Shared ready uplinks, Layer-3, Stackable Managed Switch 5> SIP, H323 | | Kindly remove as it already supports Voice VLAN | **No Change** |

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|---|---|---|---|---|
| 16 | ITEM-3: Technical Specification of L2 24-port 1000base-T Gigabit PoE+ Smart Managed Switch 2 > Performance Specification > Power Consumption: 439W Max, PoE budget:380W | | Kindly change to 370W | **No change** |
| 17 | ITEM-9: Technical Specification of 48 Core Single Mode Armored Distribution OFC Cable (4 Core X 12 Tube) | | Kindly change to "(12 core X 4 Tube) | **No Change** |
| 18 | ITEM-9: Technical Specification of 48 Core Single Mode Armored Distribution OFC Cable (4 Core X 12 Tube) | | Kindly change to "Fiber cable to be Double jacket HDPE with Gel filled Loose Tube (PBT) ECSS tape | **No Change** |
| 19 | ITEM-11: Technical Specification of Fiber Single Mode LIU- LC Type 12 Ports/48 Ports- with Pigtails, Coupler, Spice Tray<br>Adaptor shall be UL listed | | Kindly remove | **No Change** |
| 20 | ITEM-13: Technical Specification of CAT6-A Cable Bundle, LSZH<br>Cable shall be verified by ETL/3P for cat6-A performance. | | Kindly change to "Cable shall be verified by ETL/3P/NABL for cat6-A performance. | **No Change** |
| 21 | ITEM-14: Technical Specification of CAT6 Patch Panel (24 port)- un-Loaded<br>Jack panel shall have zig zag jack placement. | | Kindly change to " zig zag / Straight" placement | **May be read as**<br><br>**Removed from specification** |
| 22 | ITEM-14: Technical Specification of CAT6 Patch Panel (24 port)- un-Loaded<br>Panel shall be UL listed | | Kindly remove | **No Change** |
| 23 | ITEM-15: Technical Specification of CAT6 RJ-45 Modular Plug for Wi-fi Access Point End IP<br>Unique 360-Degree Strain Relief for Superior Shield Termination | | Kindly remove | **May be read as**<br><br>**Removed from specification** |
| 24 | ITEM-15: Technical Specification of CAT6 RJ-45 Modular Plug for Wi-fi Access Point End IP<br>Short Body Design with Load Bar simplifies Termination and Two-Point Contact works equally well with Solid or Stranded Conductors | | Kindly remove | **No change** |
| 25 | ITEM-15: Technical Specification of CAT6 RJ-45 Modular Plug for Wi-fi Access Point End IP<br>EIA568 Compliant to Category 6 Performance for High-Speed Networks | | Kindly remove | **No change** |

| | | | Kindly remove | **May be read as** |
|---|---|---|---|---|
| 26 | ITEM-17: Technical Specification of Floor Standing Network Rack (42U) Rack shall be UL Listed | | | **Removed from specification** |
| 27 | ITEM-24: Technical Specification of Face Plate Face Plate dust cover shall be replaceable without removing patch cord | | Kindly remove | **May be read as** **Removed from specification** |
| 28 | ITEM-24: Technical Specification of Face Plate Shall be PCB free and Tool less | | Kindly remove | **May be read as** **Removed from specification** |
| 29 | ITEM-24: Technical Specification of Face Plate Jack shall be optimized for 4PpoE (IEEE 802.3bt) and has been tested by 3P /ETL verified with the requirements of ISO/IEC 60512-99-002:2022 (Power over Ethernet – Type 4) | | Kindly remove | **No Change** |
| 30 | ITEM-24: Technical Specification of Face Plate Panel side Jack shall have options for color coding clips in five different colors | | Kindly remove | **No Change** |
| 31 | ITEM-26: Technical Specification of CAT6 Patch Cord LSZH - Shall have Option for different coding clips shall be available | | Kindly remove | **No Change** |
| 32 | ITEM-26: Technical Specification of CAT6 Patch Cord LSZH - Same Patch cords shall be able to accept locking arrangement in future | | Kindly remove | **May be read as** **Removed from specification** |
| 33 | ITEM-26: Technical Specification of CAT6 Patch Cord LSZH Patch Cord Shall be verified by ETL/3P. | | Kindly remove | **May be read as** **Removed from specification** |
| 34 | Firewall Specification | | Kindly change to allow more participants | **The Firewall Specification mentioned at item no. 6, page no 29 in the tender document may be read as shown in the table below** |

**ITEM-6: Technical Specification of Firewall with 36 months protection license**

| Sr. No | Requirement | Specifications |
|---|---|---|
| 1 | Hardware Features | • Ethernet interfaces (fixed) - GbE copper – 8 ports, SFP+ 10 GbE fiber – 2 to 4 ports<br>• Management ports - 1 x RJ45 MGMT 1 x COM RJ45 1 x Micro-USB (cable incl.)<br>• Other I/O ports – minimum 1 x USB 3.0<br>• Availability of Flexi Port slots – minimum 1 |

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|---|---|---|
| | | • Optional add-on connectivity - SFP DSL module (VDSL2) SFP/SFP+ Transceivers<br>• Mounting - 1U rackmount (with sliding rails - optional)<br>• Storage – minimum 250 GB to Maximum 1 TB SSD |
| 2 | Performance | • Firewall throughput – 35Gbps or higher<br>• Firewall Latency (64-byte UDP) – 3.5 µs or lower<br>• IPS throughput – 14 Gbps or higher<br>• Threat Protection throughput – 3 Gbps or higher<br>• NGFW – 10 Gbps or higher<br>• Concurrent connections – 12,000K or higher<br>• New connections/sec – 200K or higher<br>• IPsec VPN throughput – 20 Gbps or higher<br>• IPsec VPN concurrent tunnels – 5000 or higher<br>• SSL VPN concurrent tunnels – 4000 or higher<br>• SSL/TLS Inspection – 3000 or higher<br>• SSL/TLS Concurrent connections – 100K or higher<br>• The device shall support NAT: shall support dynamic NAT as well as one-to-one NAT.<br>• The device Licensing shall be a par device license and not user/IP based license.<br>• The device shall support Identity awareness by specific users, group of users and machines that the users are using.<br>• Firewall shall have 1TB storage for logging, analysis, and reporting.<br>• The device shall be able to log and report usernames, IP address, mac address, URL, website category and category type.<br>• The proposed solution must allow policy rule creation for application control, user-based control, host profile, threat prevention, Anti-virus, file filtering, content filtering, QoS.<br>• The device shall have integrated Application/Web/URL/MAC Filtering and MAC binding features.<br>• The device shall be able to identify, allow, block or limit applications regardless of port, protocol etc.<br>• The device shall be able to block different categories/sites based on usernames, groups, tags, and keywords.<br>• The device shall support multiple types of report format PDF, XLS etc. |
| 3 | User Security feature | • Firewall must have features of connecting the users based on username and password allotted to the concerned users and these credentials shall not be transferable to the other user or device. |
| 4 | Authentication | • Client Authentication via: Local Database for user authentication based on Username and Password.<br>• Mac based binding of the user device.<br>• Client authentication agents for Windows, Mac OS X, Linux 32/64<br>• Authentication certificates for iOS and Android<br>• Captive Portal |
| 5 | Security Subscriptions, Warranty and Support | • Certifications – CB/ICSA/NDPP/NSS/CE/UL/ FCC<br>• Three Year All Features Bundled License<br>• On-site service (9am – 5pm): Service during office hours and 24×7 Technical Support and access to online support service.<br>• All updates & upgrades without any additional cost to university in the warranty period. Updates must be done locally |

| | | on site. |
|---|---|---|
| | | • Three-year (24x7) Comprehensive Support, Advanced Services Ticket Handling, Advanced Hardware Replacement in case of device failure, Firmware and General Upgrades, 360 Services Bundle. |
| | | • Training the SVSU team to use the device. |
| | | • The device shall have a minimum of three (3) years of warranty. Replacement of the device with new device during the warranty period. |

**Sd/-**
**Assistant Registrar**
**Procurement and Central Store**
**SVSU, Gurugram.**