4851-80877-Router for Data Center, CUI-Lahore Campus

Sr. #	Item Name & Specification	Qty.	
1	**MikroTik Router: CCR2216-1G-12XS-2XQ or equivalent** **CPU Cores/threads:** AL73400 16 / 16 **CPU frequency:** 2.0 GHz **Switch chip / HW offload :** Marvell 98DX8525 (Aldrin2), **L3 hardware offload** **RAM:**16 GB **Onboard storage:**128 MB NAND **Expansion storage:**2 × M.2 **Ports /Interfaces: 2x100G QSFP28 , 12x 25G SFP28** (10G SFP+) **10G SFP+ ports** (via the SFP28 ports) **Gigabit RJ45** 1 **Max fiber capacity:** 500 Gbps (12×25G + 2×100G) **Serial console:** RJ45 **PSU:** 2 × hot-swap, 100–240 V AC **Max power:**128 W (80 W without attachments) **Cooling:** 4 hot-swap fans **License / OS:** RouterOS v7, Level 6 **Warranty: Standard one-year warranty** **SFP+ modules: 4x compatible SFP+ Modules** *CUI-Lahore Campus will retain 5% of the total value of invoice. The retention money will be released after the warranty period (mentioned in BoQs) subject to a satisfactory report by the end user. The warranty period will be counted from the date of completion of delivery / job.*	01	No's

Instructions for CDR / Earnest Money

- The CDR shall be issued in Favor of "COMSATS University Islamabad, Lahore Campus" and must be received at the Purchase Office before the bid opening time. Failure to submit the CDR within the stipulated time bid may be declared as ineligible. The Tax-Free No. / NTN of CUI-Lahore is 9013701-9.

Eligibility and Qualification

- Brand name and model must be mentioned by vendor against item(s) and also attach the brochure of quoted product, failing which the bid / item (s) may be rejected. Manufacturing origin can only be accepted against items where there is no such brand requirement.