

QUESTIONS AND ANSWERS BATCH 5

UBUNTU TECHNOLOGIES

NO.	QUESTIONS	ANSWERS
1	1. On SOW it states that the AP's need at least 10GBE PoE++ ports, but the specs for the switches only mentioned 1GB PoE+ ports. Do we need to scope for bigger switches with 10GB PoE++ uplinks to accommodate the AP's?	The bidder must ensure that the proposed switching solution fully supports the specified Wi-Fi Access Points, including the required 10GbE connectivity and PoE++ power requirements. Where the proposed APs require 10GbE PoE++ connectivity, the bidder must provide the necessary compatible switching interfaces and power capacity to support the APs as specified. All required equipment, components, licences and associated costs must be included in the bidder's pricing. The solution must remain compliant with the prescribed Access Switch requirements.
2	2.On the SOW it also states to use 10GB SFP28 transceiver modules, But SFP28 is 25GB and not 10GB transceiver modules. Does this mean we need to scope the switches to have 25GB uplinks? This would mean that the Core switch will need 25GB downlinks SFP28 interfaces to accommodate the 25GB speeds.	The clarification is that the 24 SFP28 modules are required as 25 Gbps LR single-mode transceivers suitable for OS2 fibre. SFP28 is a 25 Gbps interface. The bidder must therefore ensure that the proposed switching architecture provides compatible 25 Gbps interfaces where required to utilise these transceivers, including compatible Core Switch interfaces. All modules must be compatible with the proposed switches and the complete solution.
3	3.For AP management do you need a Wireless controller per site or a centralised Controller? Does the controller need to be a physical appliance or can it be a cloud solution.	An on-premises WLAN controller is required. The controller must provide centralised management of the proposed Wi-Fi Access Points. All hardware, licences, subscriptions and other components required to manage and operate the Access Points must be included in the bidder's solution and pricing. A cloud-only WLAN management solution is therefore not the required architecture.
4	4.Will SITA provide the onsite connectivity and what will the speeds be per site? How will we uplink to the SITA routers, Copper Ethernet or Fibre Uplinks and what speeds?	The requirement is to integrate the supplied network solution with the existing SITA connectivity infrastructure. The RFB does not prescribe a new SITA connectivity service or a separate connectivity circuit as part of this procurement. The existing site connectivity, interface type and available bandwidth will be confirmed and coordinated with SITA during implementation. The bidder must provide the required compatible uplink interfaces and configuration necessary to integrate the solution with the existing SITA network infrastructure.
5	5.As per when we were on site for site visits, there was some confusion around what size Cabinet to use in each server room and on each floor. Can you please specify the size of Cabinet to use for each server room and for each floor.	The bidder must allow for the cabinet requirements specified in the Pricing Schedule/Bill of Quantities. The specified cabinet requirement is 25U. Detailed cabinet placement and the final allocation per server room/floor will be confirmed during implementation based on the site conditions observed during the compulsory site visit and the approved implementation design. Bidders must therefore price the specified cabinet requirement and all associated installation requirements in accordance with the prescribed scope.

RFB 3268-2026-Request for supply and installation of ICT network switches, access points and cabling solution for the Limpopo Department of Social Development

6	6.Can you please provide Floorplans for each site and floor so we can plan for AP placement.	Detailed floor plans are not available. Bidders were expected to familiarise themselves with the site conditions during the compulsory site visit. The bidder must use the site information obtained during the compulsory site visit together with the RFB requirements to develop the AP placement and implementation design. Final AP locations will be confirmed with the Department during implementation.
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