

QUESTIONS AND ANSWERS BATCH 7

RFB 3268-2026 / ERP 455010 – Clarification Questions

Interface Network Technology (Pty) Ltd

Question 1

Please confirm the number of Access points. Is the Number = 65 or 75?

Bid Specification, Page 4, Para 2.2.4 indicates a total of 65.

Bid Specification, Page 7, Para 3.8.1, the table indicates 5 Aps per floor with quantity of 65.

The number of floors specified on Page 5 are as follows:

- Para 3.3.1 indicates 3 floors;
- Para 3.3.2 indicates 6 floors;
- Para 3.3.3 indicates 3 floors; • Para 3.3.4 indicates 3 floors;
- for a total of 15 floors.
- 15 Floors x 5 Aps per floor = 75 Aps and not 65 as indicated in the specifications.
- Bid Spec, Page 7, Para 3.8.1, indicates 5 Aps per floor. For 15 floors this is 75.
- In conclusion it seems that the number of floors were incorrectly calculated as 13 instead of 15. It seems that the miscount is for the floor count at Head Office Building 2.

Answer 1 The number Access points must remain the same, which is 65

Question 2

Please confirm if this specification for the Access Points is correct. Specifically, the Throughput and Uplink requirements. The uplink is specified here as 10Gbps PoE++ while the access switches specified is only 1Gbps PoE+. If the below spec is correct, the access switches need to be specified at a higher specification. Is that correct?

Bid specifications, Page 7, Para 3.8.1 list it as follows:

Feature	Specification
Standard	Wi-Fi 7 Enterprise
Bands	2.4 / 5 / 6 GHz
Throughput	≥ 21 Gbps
Security	WPA3
Uplink	10GbE PoE++
Management	Centralised

Question 2 The required AP uplink shall be **10GbE PoE+**. The access switches specified under the tender provide 24 × 1GbE PoE+ RJ45 access ports and 4 × 10GbE SFP+ uplink ports as minimum requirement. The reference to 10GbE PoE++ in the AP specification should be the same. The APs must be compatible with the specified access-switch PoE+ ports

Question 3

Please confirm number of patch panels. The number of patch panels on the BOM, line 1.5 indicates the number as 28. If the number of points per floor as indicated in Bid Spec, Page 5, Para 3.3 is considered, it calculates to 31 patch panels to accommodate the amount of copper points. Should the number on the BOM be amended to 31? The number of patch panels required are as follows:

Head Office Building 1

Floor	Network Points	Patch Panels
Ground Floor	48	2
2nd Floor (Server Room)	96	4
3rd Floor	62	3

Head Office Building 2

Floor	Network Points	Patch Panels
Ground Floor	48	2
1st Floor	24	1
2nd Floor	48	2
3rd–5th Floors (per floor)	24	3 (3 Floors)

Capricorn District

Floor	Network Points	Patch Panels
3rd Floor	57	3
4th Floor	65	3
5th Floor	57	3

Vhembe District (Thohoyandou)

Floor	Network Points	Patch Panels
Ground Floor	18	1
1st Floor	25	2
2nd Floor	42	2

- Building 1 – 9 Patch Panels
- Building 2 – 8 Patch Panels
- Capricorn District – 9 Patch Panels
- Vhembe District – 5 Patch Panels
- Total number of Patch Panels required - 31

Answer 3 the number should be 31

Question 4

Please confirm the number of brush panels. The BOM, line 1.6 indicates the number as 28. As in question 2 the amount of patch panels should be 31, should the amount of brush panels be adjusted to 31 as well? The best practises recommend 1 brush panels per patch panel, 1 brush panel per fibre splice tray and 1 brush panel per switch. Should this amount be adjusted to 89 for this?

Answer 4 The required number of brush panels shall be 31.

The BOQ quantity shall therefore be amended from 28 to 31 brush panels.

No additional quantity of 89 brush panels shall be required under this clarification.

Question 5

Please confirm if the required wire mesh trays are installed within the ceiling voids for routing the copper cables at:

- Head Office Building 1
- Head Office Building 2
- Capricorn District Building
- The ceiling voids could not be inspected at these sites to confirm it during the site visits.
- How is provision made for wire mesh trays between the trays in the ceiling voids and the cabinet locations? How much should the respondents provide for this?

Answer 5

Yes, it must be included in

Question 6

It was noted that at the Vhembe district office that no cabling routes exist between the installed wire mesh trays in the passages and the power skirting installed in the offices. The power skirting also does not correctly provide links between the offices, thus each office requires a drop from the wire mesh cable trays to accommodate the ICT cabling. Should the respondents provide for 25mm PVC pipe routes between the wire mesh trays and the power skirting for each office, including the 25mm drilling from the passage into each office? Incorrect routing has a direct influence on the certification of the ICT cabling infrastructure.

Answer 6

Yes.

The bidder shall include the necessary 25 mm PVC conduit/pipe routes and associated installation work required to provide a complete and compliant cable pathway between the existing wire mesh cable trays and the office locations.

This shall include the necessary drilling and associated installation work required to route the ICT cabling into the offices.

The bidder shall ensure that the routing complies with applicable structured cabling installation standards and does not compromise the certification of the ICT cabling infrastructure.

Question 7

Please confirm if the respondents need to provide for the installation of the required earthing from the electrical distribution boards to the ICT cabinets?

Answer 7

Yes.

The bidder shall provide the required ICT cabinet earthing/bonding to ensure that the network cabinets and associated ICT infrastructure are properly earthed in accordance with applicable electrical and ICT installation standards.

The bidder shall verify the existing earthing arrangements during implementation and provide any required bonding/earthing connections necessary for a compliant ICT installation.

Question 8

Should all cabinets be supplied with plinths?

Only 10 plinths are listed on the BOM, at line 5.3

Answer 8

Yes.

The required network cabinets shall be supplied with the necessary plinths/base arrangements for installation.

The BOQ quantity of 10 plinths shall remain applicable and shall correspond to the 10 network cabinets specified in the tender.

Question 9

Are there any floorplans available for the buildings, which indicates the location of the network points and cabinet locations?

Answer 9

Detailed floor plans indicating the exact network point and cabinet locations are not provided as part of the tender documentation.

Bidders are required to familiarise themselves with the sites and utilise the information obtained during the compulsory site inspection/assessment when preparing their technical and financial submissions.

The final network point and cabinet locations shall be confirmed in consultation with the Department during implementation.

Question 10

Are there any Network designs available for the sites?

Answer 10

Detailed final network designs are not provided as part of the tender documentation.

The bidder shall be responsible for developing the detailed implementation/network design based on the Bid Specification, site conditions and approved technical requirements.

The proposed solution shall comply with the technical specifications and shall be submitted for approval prior to implementation where applicable.

Question 11

The bid specifications refer to fibre certification.

Is this certification referring to certification by the fibre OEM?

Is OTDR and power meter test results required for the fibre?

Answer 11

The fibre installation shall be tested and certified upon completion.

The bidder shall provide the required OTDR and optical power meter test results for the installed fibre links as part of the handover documentation.

The testing and certification shall demonstrate that the installed fibre infrastructure complies with the applicable fibre cabling standards and the requirements specified in the Bid Specification.

Where OEM certification is required for the proposed fibre solution, the bidder shall provide the applicable OEM documentation/certification.

Question 12

The bid specifications refer to copper cable certification. Is this OEM certification?

Answer 12

The copper cabling installation shall be tested and certified upon completion.

Certification shall be based on the results of testing the installed CAT6A cabling using an appropriate calibrated cable certification tester and shall demonstrate compliance with the applicable structured cabling standards and the requirements of the Bid Specification.

The bidder shall provide the complete copper cable test/certification reports as part of the project handover documentation.

Where applicable, OEM/system warranty certification shall also be provided in accordance with the specified warranty requirements.

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Question 13

Should the bidder include all costs associated with the 5-year warranty as specified for the networking equipment and the ICT network cabling?

What about damages not covered under warranty?

Answer 13

Yes.

The bidder shall include all costs associated with the required minimum five-year manufacturer warranty and applicable support requirements for the networking equipment and ICT network cabling in its tendered price.

The warranty shall cover defects and failures in accordance with the applicable OEM warranty terms and the requirements of the Bid Specification.

Damage resulting from misuse, vandalism, accidental damage, unauthorised modifications, negligence or other exclusions specified under the OEM warranty conditions shall be handled in accordance with the applicable OEM warranty terms and shall not automatically be deemed a warranty claim.

Any repair or replacement arising from damage that is specifically excluded from the applicable warranty shall be subject to the relevant approval and commercial process.