

- Must support: IEEE 802.3at PoE (PoE+) and Optional DC power supply
- 1.7 Power Requirements
- 1.6 Must include at least one USB or expansion port for IoT
- 1.5 Must support Auto-sensing link speed and PoE functionality
- port and 1 × 1GbE RJ-45 port
- 1.4 Interfaces & Connectivity with minimum ports: 1 × 2.5GbE (SmartRate) RJ-45
- ≥ 4.0 dBi
- 1.3 Antennas: Integrated omnidirectional antennas of 5 GHz: ≥ 4.5 dBi and 2.4 GHz:

 - Minimum aggregate throughput: ≥ 2.5 Gbps
 - Must support OFDMA, MU-MIMO and Target Wake Time (TWT)
 - radio: minimum 2x2 MU-MIMO
 - Dual-radio operation: 5 GHz radio: minimum 4x4 MU-MIMO and 2.4 GHz

- 1.2 Wireless Capabilities

 - Must be brand new (no refurbished equipment)
 - Must be controller-based and/or cloud-managed
 - Must support Wi-Fi 6 (IEEE 802.11ax)
 - Must be Outdoor-rated enterprise access point

- 1.1 General Requirements

6. SPECIFICATIONS

REQUEST FOR QUOTATION
ALL PROSPECTIVE BIDDERS ARE HEREBY INVITED TO SUBMIT QUOTATIONS FOR THE
PROCUREMENT OF WIFI COVERAGE EXTENSION

01 June 2026

E-mail: info@blouberg.gov.za

P.O. Box 1593
SENWABARWANA 0790
Tel: No.: 015 505 7100



1.8 Environmental & Durability

- Must be outdoor hardened and weatherproof
- Operating temperature: Minimum -40°C to +65°C
- Must be dustproof and moisture resistant
- Suitable for: Poles, walls, and outdoor installations

1.9 IoT Integration

- Must include integrated IoT radios: Bluetooth 5 and Zigbee / 802.15.4

1.10 Security Requirements

- Must support: WPA3 security, WPA2 enterprise and 802.1X authentication
- Must support: Role-based access control and firewall or policy enforcement features

1.11 Management & Monitoring

- Must support: Cloud-based management (e.g., Aruba Central or equivalent) and On-premises controller option
- Must provide: Real-time monitoring, Reporting and analytics and Remote firmware updates

The following documents are compulsory for all Bidders:

- CSD report not older than three (3) months
- Attach **MBD4, MBD8** and **MBD9** downloadable from Municipal website, www.blouberg.gov.za/
- The Master Registration Number or Tax compliance status pin or a valid copy of tax clearance certificate
- CK

[N.B. Failure to attach the above documents will disqualify the bidder from further evaluation]

- Preference point system, (80/20) where 80 points will be for price and 20 for preference as per PPPFA of 2000, Historically Disadvantaged Individuals (target goals) or any other specific goals

Contributor Number of points (20).

20 Points	Preferential Elements
Number of Points : 20	Historical Disadvantage Individual Specific Points - Contributor
6 (attach company proof of address and affidavit supporting proof of address)	1. Locality = [Capricorn Region = 6 Limpopo Province = 2 / Outside = 1]
4 (attach certified copies of identity Documents)	2. Gender [Women = 4, Men = 3]
1 (attach certified copies of identity Documents)	3. Youth = [18 - 35]

BLOUBERG MUNICIPALITY
 2026-06-01
 P.O. BOX 1593
 SENWABARWANA. 0790
 TEL: 015 505 7100

Date
 01/06/2026

[Signature]
 Ramathwala RJ
 Municipal Manager

[NB This regulation must not be read as affecting a person's rights to approach a court at any time]
 All quotations must be submitted in a sealed envelope marked "WIFI COVERAGE EXTENSION" at procurement office before/on the 09TH JUNE 2026 at 12H00 pm. The municipality is not liable to accept the lowest or any other tender. For technical enquiry contact, MR Semanya MA and MR Mpashi MN for SCM related matters on 015 505

- The following condition will apply:
- Channels to be followed in the instance wherein the bidder is aggrieved by the decision taken by the BLM in the implementation of its SCM system, any matter arising from a contract awarded in the course of its SCM system or any matter arising from the contract. (Regulation 49 & 50 of MFMA 56 of 2003)
 - The written dispute must be lodged within 14 days of decision to the BLM and attention to Makwela M(015 505 7100)
 - The dispute, objection, complaint or query may be referred to the relevant provincial treasury if, it is not resolved within 60 days or no response is received from the municipality within 60 days.
 - If the provincial treasury does not or cannot resolve the matter, the dispute, objection, complaint or query may be referred to the National Treasury for resolution.

0	6. Non-Compliant Contributor
1 (Form of proof / letter / medical report signed and certified by a Qualified Medical Doctor)	5. Disability [Any]
Documents)	and Indians) = 8, White = 2]