

BERGRIVIER MUNICIPALITY

SUPPLY CHAIN MANAGEMENT

Enquiries: Ms. R. Hendricks
hendricksr@bergmun.org.za

Ref: TENDER NO: 8/3/40-2025 Tel: (022) 022 913 6036

E-mail:

As per e-mail:

Dear Sir /Madam

NOTICE TO BIDDERS

ADDENDUM: 1

SUPPLY, DELIVERY, AND INSTALLATION OF WIRELESS NETWORKS FOR BERGRIVIER MUNICIPALITY FROM DATE OF APPOINTMENT UNTIL 30 JUNE 2028

Pursuant to the compulsory clarification meeting held on Thursday, 09 October 2025, bidders must kindly note that the following changes were made to the specifications:

1 BACKGROUND

SCOPE

Tenderers shall allow for the following:

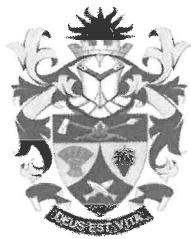
The municipality shall not rent any equipment or bandwidth but a Service level Agreement will be entered into to provide maintenance and support on the installation. The municipality reserves the right to install additional sites when identified.

The Municipality will operate under the Independent Communications Authority of South Africa (ICASA) license of the appointed service provider for the duration of the contract, while concurrently submitting an application to ICASA for an exemption license.

The offices detailed in the table below form part of the required network connectivity scope and must be connected in accordance with the specifications set out in this document.

Start location	Type of connection	End location
Piketberg: LB Wernich Library	Wireless	Piketberg Head office
Piketberg: Traffic	Wireless	Piketberg Head office
Electrical Store PKB	Wireless	Piketberg Head office
Municipal Stores PKB	Wireless	Piketberg Head office
Active Box	Wireless	Piketberg Head office
Porterville: Traffic /Library	Wireless	Porterville Municipal Office
Electrical Stores Porterville	Wireless	Porterville Municipal Office
Velddrif: Stywelyne Beach Resort	Wireless	Velddrif Municipal office
Velddrif traffic	Wireless	Velddrif Municipal office
Dwarskersbos Beach resort	Wireless	Velddrif Municipal office
Electrical store Velddrif	Wireless	Velddrif Municipal office
Velddrif Stores	Wireless	Velddrif Municipal office

The pricing schedule must be completed as follows: all once-off installation costs must be entered in the 'Once-Off Cost' column, and all recurring costs must be entered under the 'Year 1 Cost' column.



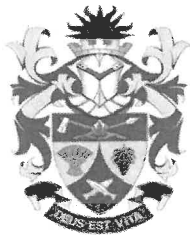
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PART A

Wireless Installations

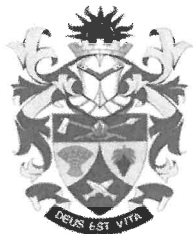
Failure to comply with the requirements will deem the bid non-responsive.

No	Description	Comply
1.	General Requirements - The service provider must be a registered and accredited ICT/network services provider in South Africa. - The provider must have a minimum of 5 years of experience in deploying enterprise wireless solutions in public or government institutions. - All proposed equipment must be new, OEM-certified, and carry a minimum 3-year warranty. - ICASA - Solutions must comply with POPIA, ISO 27001 principles, and any relevant cybersecurity frameworks. - All point-to-point connections shall provide a minimum dedicated bandwidth capacity of 50 Mbps, ensuring stable and reliable connectivity between designated sites.	
2.	Technical Compliance - The wireless network must be designed with enterprise-grade equipment supporting: - Secure authentication (e.g., WPA2-Enterprise or WPA3) - VLAN segregation - Remote management capability - The Point-to-Multipoint or Point-to-Point links must support a minimum throughput of 100 Mbps per link with latency not exceeding 10ms under normal conditions. - The wireless network must support: - Encrypted tunnels (IPSec/SSL VPN) - QoS prioritization for business-critical apps (e.g., mSCOA, VoIP) - The solution must support centralized monitoring and alerting via SNMP or APIs.	
3.	Service and Support - The provider must offer a Service Level Agreement (SLA) with: 99% network availability 8x5 or 24x7 remote support, depending on municipality's preference - Response times: Critical – 4 hours, High – 8 hours, Normal – 24 hours - Include 24 months of post-deployment support and remote monitoring (optional extension thereafter). - All products must carry a minimum warranty period of	



BERGRIVIER MUNICIPALITY

	twenty-four (24) months. Any defective or damaged equipment shall be replaced within the timeframes stipulated in Section 4: Service and Support.	
4.	Service and Support • The provider must offer a Service Level Agreement (SLA) with: • 99% network availability • 8x5 or 24x7 remote support, depending on municipality's preference • Response times: Critical – 4 hours, High – 8 hours, Normal – 24 hours • Include 24 months of post-deployment support and remote monitoring (optional extension thereafter).	
5.	Security and Compliance • All wireless links must be secured using encryption (AES-256 preferred). • Default credentials must be changed and documented securely. • Firewall rules must restrict unauthorized access between town sites and the core network. • Any cloud-based management tools must be hosted in a secure and compliant environment (preferably local or POPIA-compliant).	
6.	Documentation and Handover • Provider must deliver: ◦ Network topology diagrams ◦ IP address schema ◦ Wireless signal coverage maps (heatmaps) ◦ Device inventory and configuration backups ◦ Warranty documents and software license keys • All admin accounts, credentials, and encryption keys must be handed over in a sealed/encrypted file.	
7.	Testing and Acceptance • The provider must conduct: ◦ End-to-end testing of wireless connectivity, Wireless network performance, ◦ Signal strength validation (RSSI $\geq$ -65 dBm for critical areas) ◦ Documentation of speed tests and latency tests from branch to HQ • A formal User Acceptance Testing (UAT) session must be conducted with municipal ICT officials.	
8.	Training and Knowledge Transfer	



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	- The provider must train at least two municipal ICT staff on: - Wireless system administration - Troubleshooting procedures - Basic configuration changes and monitoring - Provide training materials and manuals.	
9.	Legal and Regulatory Compliance - The provider must comply with all applicable South African laws, including: - Municipal Finance Management Act (MFMA) - Cybercrimes Act and ECT Act - No open-source software may be used unless approved and documented with associated licensing compliance.	
10.	Notes All connections must be: SECURED using industry-standard encryption protocols. ENCRYPTED end-to-end to protect municipal data in transit. - The AASVOËLKOP site in Piketberg may be used as an additional ROUTING POINT if needed for line-of-sight or performance reasons. MUNICIPAL WATER TOWERS in the surrounding towns may also be used as STRATEGIC ROUTING OR RELAY POINTS for wireless signal extension. - Porterville: Lat: 33° 0'30.71"S Long: 19° 1'26.33"E - Piketberg, Aasvoelkop: Lat: 32°54'56.29"S, 18°44'17.76"E - Velddrif, Dwarskersbos: Lat: 32°41'54.36"S Long: 18°13'41.71"E - Laaiplek Water Tower- Lat: 32°46'11.37"S Long: 18° 9'15.73"E - Velddrif Water Tower: - Lat: 32°47'0.37"S Long: 18°10'38.35"E - The YEARLY COST quoted by the service provider must include: MAINTENANCE of the full wireless FAULT RESOLUTION AND REPAIRS during the operational period. - Installation costs for new connections will be requested by the Municipality after which the service provider will issue a quotation for the municipality to consider.	
11.	Main Building: Network Core Requirements	



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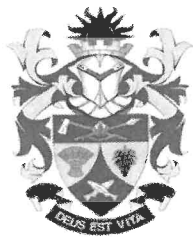
	- All wireless links from the town and surrounding sites must terminate at the Head Office of that town's core network. - The main building must host: - Have a central switch (Supplied by the Municipality)	
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12. Where brand names is reflected, equivalent products may be offered.

Piketberg Head office Geo location: Lat: 32°54'20.16"S, Long: 18°45'12.35"E	Once Off Cost	Year 1 Cost (SLA Cost)
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
MikroTik mANTBox 5.8GHz 19dBi 120' Integrated Sector RB921GS-5HPacD-19S	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
All products must		
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R

Piketberg: LB Wernich Library Geo location: Lat: 32°53'57.48"S, Long: 18°45'41.43"E	Once Off Cost	Year 1 Cost (SLA Cost)
MikroTik RB-LHG5	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R

Piketberg: Traffic Geo-location: Lat: 32°54'50.58"S, Long 18°45'59.27"E	Once Off Cost	Year 1 Cost (SLA Cost)
MikroTik LHG XL 5 ac 27dBi PtP CPE	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x



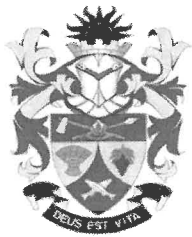
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Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R

Electrical Store PKB Geo location: Lat: 32°54'39.11"S, 18°46'8.05"E	Once Off Cost	Year 1 Cost (SLA Cost)
Mikrotik RB-LHG5	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R

Municipal Stores PKB Geo location: Lat: 32°54'35.88"S, Long: 18°46'9.38"E	Once Off Cost	Year 1 Cost (SLA Cost)
Mikrotik RB-LHG5	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R

Active Box Geo location: Lat: 32°54'17.84"S , Long: 18°45'46.79"E	Once Off Cost	Year 1 Cost (SLA Cost)
Mikrotik RB-LHG5	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R

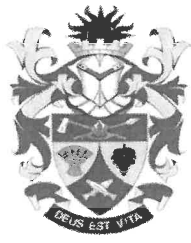


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Porterville Municipal Office Geo location: Lat: 33° 00' 58.6"S, Long: 18°59'40.35"E	Once Off Cost	Year 1 Cost (SLA Cost)
MikroTik mANTBox 5.8GHz 19dBi 120' Integrated Sector RB921GS-5HPacD-19S or equivalent	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R

Porterville: Traffic /Library Geo Location: Lat: 33° 1'15.12"S , Long: 18°59'12.25"E	Once Off Cost	Year 1 Cost (SLA Cost)
Mikrotik RB-LHG5	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R

Electrical Stores Porterville Geo Location: Lat: 33° 0'57.74"S, Long: 18°59'43.62"E	Once Off Cost	Year 1 Cost (SLA Cost)
Mikrotik RB-LHG5	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R



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Velddrif Municipal office Geo Location: Lat: 32°47'3.17"S, Long: 18° 9'52.09"E	Once Off Cost	Year 1 Cost (SLA Cost)
MikroTik mANTBox 5.8GHz 19dBi 120' Integrated Sector RB921GS-5HPacD-19S or equivalent	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R

Velddrif: Stywelyne Beach Resort Geo location: Lat: 32°46'1.15"S, Long: 18° 9'3.75"E	Once Off Cost	Year 1 Cost (SLA Cost)
Mikrotik RB-LHG5	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R

Velddrif traffic Geo location: Lat: 32°47'4.26"S, 18° 9'52.19"E	Once Off Cost	Year 1 Cost (SLA Cost)
Mikrotik RB-LHG5	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R



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Dwarskersbos Beach resort Geo location: Lat: 32°41'36.31"S, Long: 18°14'3.01"E	Once Off Cost	Year 1 Cost (SLA Cost)
MikroTik LHG XL 5 ac 27dBi PtP CPE	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R

Electrical store Velddrif Geo location: Lat: 32°46'46.81"S, Long: 18°10'0.66"E	Once Off Cost	Year 1 Cost (SLA Cost)
Mikrotik RB-LHG5	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R

Velddrif Stores Geo location: Lat: 32°46'48.10"S, Long: 18°10'7.34"E	Once Off Cost	Year 1 Cost (SLA Cost)
Mikrotik RB-LHG5	R	x
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site	R	x
Maintenance and support	x	R
2 hour battery support		x
Total Cost for year 1 (Vat Incl)	x	R



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13. Annual Increase Year 2 and year 3

The annual increase is only applicable to the yearly costs.

Increase will be 3% on the anniversary of the award plus the percentage indicated below.	Year 1	Year 2	Year 3
Only write first year price plus 2 nd and 3 rd year % increase.	R	plus%	plus.....%

Kindly note that the pricing schedule in the bid document must be ignored in its entirety. **The pricing schedule in the addendum** must be completed in full, failing which will lead to the disqualification of a bid.



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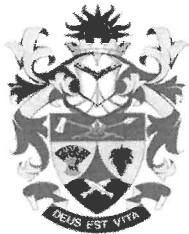
REFERENCES

Assessment of Bidders performance by independent reference (This must be sent by the bidder to the references listed in the Experience of Tenderer Schedule/ where references are requested.

All assessment forms must be attached with the tender submission.

Name of Organisation	
Contact Person	
Email address	
Description of work completed	
Tender number	
Value of Contract	
Commencement Date	
Duration of Contract	
Contract Completion Date	

Your assessment of the Contractor's Performance in the following areas:	1	2	3	4	5
Please tick one of the blocks on the right-hand side: 1 = Poor; 5 = Excellent					
Turn- around times					
Quality of Feedback					
Accessibility and Availability					
Reliability					
Customer Satisfaction					
1 = Poor; 2 = Satisfactory; 3 = Average; 4 = Good; 5 = Excellent.					
Comments:					



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Full Name & Signature of Responsible Official:

Official Organisation Date Stamp

* Kindly note that the total price is only for comparison purposes during the evaluation of bids, and the municipality reserves the right to procure any number of services or items during the subsistence of this contract, based on the unit price submitted.


PP MUNICIPAL MANAGER

DATE: 15/10/2025

Note: Confirmation to the addendum

CONFIRMATION

I (Name and Surname of designated person) hereby declare on behalf of
(Company's name),

That I take note of the above changes in the bidding documentation and that my offer will incorporate the changes.

Address: Tel no.:
..... Fax no.:
.....

Signature of bidder: Date:

This document must be completed by the bidder (above) and submitted with his offer.