

## SUPPLY CHAIN MANAGEMENT

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As per e-mail:

Dear Sir /Madam

### NOTICE TO BIDDERS

#### ADDENDUM: 1

#### **TENDER 8/3/24-2025 / MN142-2025: SUPPLY, DELIVERY, AND INSTALLATION OF SDWAN AND WIRELESS NETWORKS FOR BERGRIVIER MUNICIPALITY FROM DATE OF APPOINTMENT UNTIL 30 JUNE 2025**

Pursuant to the compulsory clarification meeting held on Monday, 06 August 2025, bidders must kindly note that the following changes were made to the specifications:

#### **1 BACKGROUND**

**Bergrivier Municipality has an existing Enterprise fibre internet connection in Piketberg.**

#### **SCOPE**

Tenderers shall allow for the following:

The specifications are divided into Part A, Part B, and Part C. The Municipality reserves the right, at its sole discretion, to evaluate and award the contract in whole or in part, and to accept any portion of a bid without obligation to award all parts to the same bidder. Bidders are advised that where a specific brand name and model are referenced, equivalent products meeting or exceeding the specified requirements will be considered.

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 Traffic Office	Fiber (SDWAN)	Piketberg Head office
Porterville Office	Fiber (SDWAN)	Piketberg Head office
Velddrif Office	Fiber (SDWAN)	Piketberg Head office
Piketberg Head office	LAN	Piketberg Head office
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 Municipal Office	LAN	Porterville Municipal Office
Porterville: Traffic /Library	Wireless	Porterville Municipal Office
Electrical Stores Porterville	Wireless	Porterville Municipal Office
Velddrif Municipal office	LAN	Velddrif 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
Eendekuil office	LTE (SDWAN)	Piketberg Head office
Aurora office	LTE (SDWAN)	Piketberg Head office
Redelinghuis office	LTE (SDWAN)	Piketberg Head 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.**

## **PART A**

Supply of Enterprise fibre connection in the Towns of Piketberg Traffic , Velddrif and Porterville including installation of hardware and configuration of hardware/software. Install and configure all hardware and software required to connect the Piketberg Traffic office to the internet and subsequently connect Porterville, Velddrif via an SD-WAN (Software-defined Wide Area Network) connection.

**The solution for PART A MUST BE for fibre and not wireless or microwave or LTE.**

The successful tenderer must assist with transferring of the service associated with the current IP range to the new IP range provided by tenderer. The tenderer must also ensure that no downtime in service is experienced in the Piketberg Internet connection when transferring the service.

## **CURRENT INSTALLATION**

The current installation at the Piketberg Head Office include the following:

- 200Mbps Enterprise Fibre connection with 100% guaranteed International bandwidth
- Managed Router
- 4 Public IP Addresses - IPv4/28 Public IP Address
- 24/7 Managed client edge router
- 24/7 Online monitoring and reporting of bandwidth usage

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.

## **FUTURE REQUIRED INSTALLATION**

The Enterprise Fibre link must be installed at the following location:

**Piketberg Traffic Office**

**Vervoer Singel 13, Piketberg, Longitude: 18°45'58.82"E, Latitude 32°54'41.62"S**

**Porterville Office**

**Mark Street, Porterville, Longitude: 18°59'40.67"E, Latitude 33° 0'44.80"S**

**Velddrif Office**

**Voortrekkerweg, Velddrif, Longitude: 18° 9'51.51"E, Latitude 32°47'3.85"S**

## 2 SPECIFICATIONS

Tenderers must comply with the following requirement to be deemed responsive and evidence where applicable must be attached with submission of tender. If evidence is not submitted the tendered will be deemed non-responsive.

Requirement	Comply		If no indicate alternative, or attached evidence
	Yes	No	
Internet link with 1:1 international uncontended bandwidth			
Tier 3 datacentre			
Provider must have email, phone and ticket system support mediums			
Provider must have a 24/7/365 call centre with escalation number			
Multipath multi-provider redundant routing			
Direct local peering connectivity in 3 national locations			
ISP must be connected to NapAfrica JHB, NapAfrica CPT, NapAfrica DBN			
Minimum of 3 International routes			
Minimum of 3 International IP POP's			
Connectivity to International Internet Exchanges			
Dual connectivity to top 10 IP Transit providers			
Direct peering links Google, Facebook, Internet Solutions, Telkom, SAIX, Akamai, Microsoft and Amazon			
The ISP must be able to provide the municipality with a Method to measure the Internet Bandwidth			
Graphs and dashboard to monitor service throughput, latency of traffic locally, latency of traffic to USA and latency of traffic to EU			
All links must be monitored 24/7/365 with monitoring software and real time data must be visible via a website interface			
Unlimited internet usage			
No bandwidth management or restriction			
Optical Fibre based service			
Internet connectivity of 99% uptime with punitive SLA			
IECS License			
IECNS License			
Backbone network redundancy –local			
Multiple undersea cables for international access			
Office within 160km radius of Bergvriervier Municipality			
3 x Reference letters from similar clients not older than 3 years			
5x Reference sites with contact details (Work experience)			

### Response and Resolution Times

Description	Response Time	Resolution Time
Any fault that impacts on connectivity services (electrical supply, physical security breaches, lightning)	2 Hrs	4 Hrs
Any fault that impacts more than one (1) WAN Link (excluding cable breaks)	2 Hrs	4 Hrs
Any fault that impacts only one (1) WAN Link (excluding cable breaks)	2 Hrs	8 Hrs
Any non-emergency change request (excluding network design related changes)	4 Hrs	8 Hrs
Any emergency change request (excluding network design related changes)	1 Hrs	2 Hrs
Any non-emergency request relating to network design changes	8 Hrs	5 Days
Any emergency change request relating to network design changes	4 Hrs	8 Hrs
Account related queries	8 Hrs	5 Days

### 3 Requirements

All sites must be operational from 1 November 2025 until 30 June 2028.

#### Piketberg requirements

- Piketberg Head office, Kerkstraat 13, Piketberg, Longitude: 18°45'12.35"E, Latitude 32°54'20.16"S
- Existing 200Mbps Enterprise Fibre connection with 100% guaranteed International bandwidth
- Internet breakout enabled
- Managed Router (Layer 2 service available)
- SDN Software/hardware deployed and enabled
- SDN Software enabled
- IPv4/28 Public IP Address
- 99% service guarantee SLA which is punitive

#### Piketberg Traffic Requirements

- Vervoer Singel 13, Piketberg, Longitude: 18°45'58.82"E, Latitude 32°54'41.62"S
- ~~55~~ 50Mbps Enterprise Fibre connection with 100% guaranteed capacity
- No internet breakout
- Managed Router (Layer 2 service configured to Piketberg Head Office)
- SDN Software/hardware deployed and enabled
- Layer 2 VLAN between Piketberg Traffic and Piketberg Head Office
- 99% service guarantee SLA which is punitive

#### Porterville Requirements

- Mark Street, Porterville, Longitude: 18°59'40.67"E, Latitude 33° 0'44.80"S
- **55 50Mbps** Enterprise Fibre connection with 100% guaranteed capacity
- No internet breakout
- Managed Router (Layer 2 service configured to Piketberg)
- SDN Software/hardware deployed and enabled
- Layer 2 VLAN between Porterville and Piketberg
- 99% service guarantee SLA which is punitive

#### Velddrif Requirements

- Voortrekkerweg, Velddrif, Longitude: 18° 9'51.51"E, Latitude 32°47'3.85"S
- **55 50Mbps** Enterprise Fibre connection with 100% guaranteed capacity
- No internet breakout
- Managed Router (Layer 2 service configured to Piketberg)
- SDN Software/hardware deployed and enabled
- Layer 2 VLAN between Velddrif and Piketberg
- 99% service guarantee SLA which is punitive

#### 4 BILL OF QUANTITIES

The tender prices shall be firm and not subject to exchange rate variations or escalation. Tender must be valid for 90 days. All pricing must include VAT.

<b>Description</b> <b>Geo-location: 32°54'20.16"S,</b> <b>18°45'12.35"E</b>	<b>Once Off Cost</b>	<b>Monthly Cost</b>	<b>Year 1 Cost</b>
Piketberg Head Office Setup/Installation /configuration 200Mbps and any other related cost	R	R	R
Piketberg 200Mbps line with International bandwidth	R	R	R
Piketberg Router rental	R	R	R
Piketberg SDN Cost	R	R	R
<b>Total Cost for year 1 (Vat Incl)</b>	R	R	R

<b>Description</b> <b>Geo-locations: 32°54'41.62"S, 18°45'58.82"E</b>	<b>Once Off Cost</b>	<b>Monthly Cost</b>	<b>Year 1 Cost</b>
Piketberg Traffic Setup/Installation /configuration <del>55</del> <b>50Mbps</b> and any other related cost	R	R	R
Piketberg Traffic <del>55</del> <b>50Mbps</b> line with International bandwidth	R	R	R
Piketberg Traffic Router	R	R	R
Piketberg Traffic SDN Cost	R	R	R
<b>Total Cost for year 1 (Vat Incl)</b>	R	R	R

<b>Description</b> <b>Geo location: 33° 0'44.80"S, 18°59'40.67"E</b>	<b>Once Off Cost</b>	<b>Monthly Cost</b>	<b>Year 1 Cost</b>
Porterville Setup/Installation /configuration <del>55</del> <b>50Mbps</b> and any other related cost	R	R	R
Porterville Traffic <del>55</del> <b>50Mbps</b> line with International bandwidth	R	R	R
Porterville Traffic Router	R	R	R
Porterville Traffic SDN Cost	R	R	R
<b>Total Cost for year 1 (Vat Incl)</b>	R	R	R

<b>Description</b> <b>Geo location: 32°47'3.85"S, 18° 9'51.51"E</b>	<b>Once Off Cost</b>	<b>Monthly Cost</b>	<b>Year 1 Cost</b>
Velddrif Setup/Installation /configuration <del>55</del> <b>50Mbps</b> and any other related cost	R	R	R
Velddrif Traffic <del>55</del> <b>50Mbps</b> line with International bandwidth	R	R	R
Velddrif Traffic Router	R	R	R
Velddrif Traffic SDN Cost	R	R	R
<b>Total Cost for year 1 (Vat Incl)</b>	R	R	R

#### 6.10. Annual Increase Year 2 and year 3

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 <sup>nd</sup> and 3 <sup>rd</sup> year % increase.	R	plus .....%	plus.....%

### PART B

#### Wireless Installations

##### 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 3 years of experience in deploying enterprise wireless and SD-WAN solutions in public or government institutions.
- All proposed equipment must be new, OEM-certified, and carry a minimum 3-year warranty.
- Solutions must comply with **POPIA**, **ISO 27001** principles, and any relevant cybersecurity frameworks.

##### 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).

##### 4. 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).

## 5. 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.

## 6. Testing and Acceptance

- The provider must conduct:
  - End-to-end testing of wireless connectivity, Wireless network performance, and failover scenarios
  - 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.

## 7. Training and Knowledge Transfer

- The provider must train at least two municipal ICT staff on:
  - Wireless and SD-WAN system administration
  - Troubleshooting procedures
  - Basic configuration changes and monitoring
- Provide training materials and manuals.

## 8. 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.

## Notes

- All sites in **Piketberg** must be connected to the **Piketberg Head Office** using the equipment specified in the approved requirements list.
- 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.



- The **yearly cost** quoted by the service provider must include:
  - **Maintenance** of the full wireless and SD-WAN network.
  - **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.
- Where brand names is reflected, equivalent products may be offered.

#### **Main Building: Network Core Requirements**

- 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)**
  - The **SD-WAN edge device** to route traffic securely to the Head Office in Piketberg.

<b>Piketberg Head office</b> <b>Geo location: 32°54'20.16"S, 18°45'12.35"E</b>	<b>Once Off Cost</b>	<b>Year 1 Cost</b>
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM		
MikroTik mANTBox 5.8GHz 19dBi 120' Integrated Sector   RB921GS-5HPacD-19S		
Cabling per site		
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Piketberg: LB Wernich Library</b> <b>Geo location: 32°53'58.48"S, 18°45'41.41"E</b>	<b>Once Off Cost</b>	<b>Year 1 Cost</b>
Mikrotik RB-LHG5		
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM		
Cabling per site		
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Piketberg: Traffic</b> <b>Geo-location: 32°54'41.62"S, 18°45'58.82"E</b>	<b>Once Off Cost</b>	<b>Year 1 Cost</b>
MikroTik LHG XL 5 ac 27dBi PtP CPE		
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM		
Cabling per site		
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Electrical Store PKB</b>	<b>Once Off</b>	<b>Year 1</b>
<b>Geo location: 32°91'09.21"S, 18°76'89.32"E</b>	<b>Cost</b>	<b>Cost</b>
Mikrotik RB-LHG5		
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM		
Cabling per site		
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Municipal Stores PKB</b>	<b>Once Off</b>	<b>Year 1</b>
<b>Geo location: 32°54'36.11"S, 18°46'9.24"E</b>	<b>Cost</b>	<b>Cost</b>
Mikrotik RB-LHG5		
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM		
Cabling per site		
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Active Box</b>	<b>Once Off</b>	<b>Year 1</b>
<b>Geo location: 32°54'17"S, 18°45'46"E</b>	<b>Cost</b>	<b>Cost</b>
Mikrotik RB-LHG5		
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM		
Cabling per site		
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Porterville Municipal Office</b>	<b>Once Off</b>	<b>Year 1</b>
<b>Geo location: 33° 00' 58.6"S, 18° 59' 43.2"E</b>	<b>Cost</b>	<b>Cost</b>
MikroTik mANTBox 5.8GHz 19dBi 120' Integrated Sector   RB921GS-5HPacD-19S or equivalent		
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM		
Cabling per site		
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Porterville: Traffic /Library</b>	<b>Once Off</b>	<b>Year 1</b>
<b>Geo Location: 33° 1'15.39"S, 18°59'12.55"E</b>	<b>Cost</b>	<b>Cost</b>
Mikrotik RB-LHG5		
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM		
Cabling per site		
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Electrical Stores Porterville</b>	<b>Once Off</b>	<b>Year 1</b>
<b>Geo Location: 33° 00' 58.6"S, 18° 59' 43.2"E</b>	<b>Cost</b>	<b>Cost</b>
Mikrotik RB-LHG5		
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM		
Cabling per site		
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Velddrif Municipal office</b>	<b>Once Off</b>	<b>Year 1</b>
<b>Geo Location: 32°47'3.85"S, 18° 9'51.51"E</b>	<b>Cost</b>	<b>Cost</b>
MikroTik mANTBox 5.8GHz 19dBi 120' Integrated Sector   RB921GS-5HPacD-19S or equivalent		
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM		
Cabling per site		
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Velddrif: Stywelyne Beach Resort</b>	<b>Once Off</b>	<b>Year 1</b>
<b>Geo location: 32°46'0.06"S, 18° 9'4.29"E</b>	<b>Cost</b>	<b>Cost</b>
Mikrotik RB-LHG5		
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM		
Cabling per site		
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Velddrif traffic</b>	<b>Once Off Cost</b>	<b>Year 1 Cost</b>
<b>Geo location: 32°47'3.85"S, 32°47'3.85"S</b>		
Mikrotik RB-LHG5		
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM		
Cabling per site		
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Dwarskersbos Beach resort</b>	<b>Once Off Cost</b>	<b>Year 1 Cost</b>
<b>Geo location: 32°41'33.38"S, 18°14'5.61"E</b>		
MikroTik LHG XL 5 ac 27dBi PtP CPE		
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM		
Cabling per site		
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Electrical store Velddrif</b>	<b>Once Off Cost</b>	<b>Year 1 Cost</b>
<b>Geo location: 32°77'97.03"S, 18°16'65'46"E</b>		
Mikrotik RB-LHG5	x	R
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

<b>Velddrif Stores</b>	<b>Once Off Cost</b>	<b>Year 1 Cost</b>
<b>Geo location: 32° 46' 7.62"S, 18° 10' 7.43"E</b>		
Mikrotik RB-LHG5	x	R
MikroTik 10 Port Gigabit 1SFP+ 4 Core L5 Rack-Mount Router   RB4011iGS+RM	R	x
Cabling per site	R	x
Labour per site		
<b>Total Cost for year 1 (Vat Incl)</b>		

## PART C

1. To connect offices via LTE to the SD-WAN infrastructure to ensure secure, reliable, and monitored connectivity, while enabling centralized policy enforcement, application prioritization, and improved network visibility.

### 2. General Requirements

- Supply and installation of SD-WAN edge device with LTE support
- Provision of LTE router or built-in LTE module
- SIM card with data contract (managed or unmanaged)
- Configuration of the SD-WAN policies and integration into the head-office SD-WAN controller
- 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.

### 3. Performance Criteria

- Minimum bandwidth: ~~50Mbps~~ 15Mbps down / ~~50Mbps~~ 15Mbps up over LTE
- Latency < 80ms to SD-WAN hub
- Failover between LTE and backup transport if available
- Secure connectivity to HQ via SD-WAN
- Centralized monitoring and alerting enabled

### 4. Technical Requirements

Eendekull office Geo location: 32°41'22.79"S, 18°52'54.29"E	Once Off Cost	Year 1 Cost
SD-WAN Device - SD-WAN edge appliance - Minimum 2x LAN ports - 1x LTE WAN or USB modem support - IPsec or proprietary SD-WAN tunneling support - Cloud-managed or on-prem orchestrator compatibility	R	R
LTE Router - LTE Cat 6 or higher (supports fallback to 3G) - External high-gain antennas for rural areas - SIM slot, 3G failover - Minimum 1x WAN + 2x LAN	R	R
SIM/Data Contract - Static IP - Unlimited data per month - LTE-A coverage in location	R	R
Configuration Services - Device provisioning - SD-WAN tunnel configuration - Security policy setup - Remote management setup	R	R
Mounting/Installation	R	R

- Secure indoor mounting for SD-WAN appliance and LTE router		
- Cabling and power supply management		
<b>Total Cost for year 1 (Vat Incl)</b>	R	R

<b>Aurora office</b> <b>Geo location: 32°42'24.80"S, 18°29'4.69"E</b>	<b>Once Off Cost</b>	<b>Year 1 Cost</b>
SD-WAN Device - SD-WAN edge appliance - Minimum 2x LAN ports - 1x LTE WAN or USB modem support - IPsec or proprietary SD-WAN tunneling support - Cloud-managed or on-prem orchestrator compatibility	R	R
LTE Router - LTE Cat 6 or higher (supports fallback to 3G) - External high-gain antennas for rural areas - SIM slot, 3G failover - Minimum 1x WAN + 2x LAN	R	R
SIM/Data Contract - Static IP - Unlimited data per month - LTE-A coverage in location	R	R
Configuration Services - Device provisioning - SD-WAN tunnel configuration - Security policy setup - Remote management setup	R	R
Mounting/Installation - Secure indoor mounting for SD-WAN appliance and LTE router - Cabling and power supply management	R	R
<b>Total Cost for year 1 (Vat Incl)</b>	R	R

<b>Redelinghuis office</b> <b>Geo location: 32°28'38.33"S, 18°32'12.72"E</b>	<b>Once Off Cost</b>	<b>Year 1 Cost</b>
SD-WAN Device - SD-WAN edge appliance - Minimum 2x LAN ports - 1x LTE WAN or USB modem support - IPsec or proprietary SD-WAN tunneling support - Cloud-managed or on-prem orchestrator compatibility	R	R
LTE Router - LTE Cat 6 or higher (supports fallback to 3G) - External high-gain antennas for rural areas - SIM slot, 3G failover - Minimum 1x WAN + 2x LAN	R	R
SIM/Data Contract	R	R

- Static IP - Unlimited data per month - LTE-A coverage in location		
Configuration Services - Device provisioning - SD-WAN tunnel configuration - Security policy setup - Remote management setup	R	R
Mounting/Installation - Secure indoor mounting for SD-WAN appliance and LTE router - Cabling and power supply management	R	R
<b>Total Cost for year 1 (Vat Incl)</b>	R	R

### **REFERENCES**

**Bidders must provide three (3) references for comparable work successfully completed within the past five (5) years. 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.**

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

<b>Your assessment of the Contractor's Performance in the following areas:</b>  <b>Please tick one of the blocks on the right-hand side: 1 = Poor; 5 = Excellent</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Turn- around times</b>					
<b>Quality of Feedback</b>					
<b>Accessibility and Availability</b>					
<b>Reliability</b>					
<b>Customer Satisfaction</b>					
<b>1 = Poor; 2 = Satisfactory; 3 = Average; 4 = Good; 5 = Excellent.</b>					
<b>Comments:</b>					
<b>Full Name &amp; Signature of Responsible Official:</b>					
<b>Official Organisation Date Stamp</b>					





**BERGRIVIER MUNICIPALITY**

*pp* MUNICIPAL MANAGER: *[Signature]*

DATE: *11/8/2025*

**Note: Confirmation to the addendum**

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**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.