
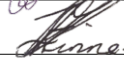


PA01 - PROCUREMENT APPROACH FOR ACQUISITION BETWEEN R15 001.00 - R1 000 000.00
Application of this Procurement Approach

This Procurement Approach applies to the request for goods, services or works, through quotations, nominated, negotiated, qualified or shopping procedure (non-contracted) from a Service Provider, for an estimated amount between R15 001.00 and R 1 000 000.00, including VAT. The 80/20 preference points system is applied.

Preferential Procurement Target	Black Ownership %	Black Women %	Black Youth Ownership%	Black disabled %	MKV%	Rural/township

(Not applicable to store items)

Designation	Name	Signature	Date
Head of Functional Dept.:	Marius Venter		06/09/2023
Line Manager:	Frederick Minne		06/09/2023
SCM Approval:			
Project title: (what are you buying)?	Planning, supply, and deployment of 14 unlicensed Point-to-point links at a minimum capacity of 250Mbps full duplex, as per the attached Scope of Work.		

Financial Approval	Budget available for the item; attach proof of budget confirmation or approval by project	Yes/No	Cost Centre	
			Cost Element	
Indicate the following with a Tick ✓	Opex		Capex	
Estimated market value <u>inclusive of VAT</u> :			R 900 000	

1. Information

Functional Department:	Broadband: Technology		
Initiator / Project Manager:	Gerhard Wienekus	Telephone no:	011 471 4400
Cellular phone no:	082 884 3501	E-mail: wienekusg@sentech.co.za	
Description / Specification / Scope of Work: (Note: State what goods, services or works are required).		Planning, supply, and deployment of 14 unlicensed Point-to-point links at a minimum capacity of 250Mbps full duplex, as per the attached Scope of Work.	

2. Site Visit or Briefing Session

Site Visit	Yes	X	No	x
Is the site visit Compulsory / Non-Compulsory?	Compulsory			
Venue (Address)			GPS Co-ordinates (where applicable)	

3. Procurement Procedure

Procedure (Mark with X)	Selected (x)	Motivation
Quotation Procedure (Source minimum 3 quotations from National Treasury Central Supplier Database)	x	
Negotiated Procedure (If Single Sourcing - provide motivation, If Sole Supplier – provide proof that only one supplier exists)		
Nominated Procedure (Minimum 3 suppliers) please attach motivation		
Online Procurement (Please attach Motivation)		
Qualified Procedure (Expression of Interest followed by closed RFQ)		

4. Pricing Options

Pricing Option	Selected (x)
Lump Sum	
Schedule of Rates	
Lump Sum plus Schedule of Rates	X
Schedule of Rates and Targeted Costs	
Direct Cost plus Fixed/Percentage fees	

5. Evaluation Method – (INDICATE EVALUATION METHOD SELECTED)

Value Threshold of Acquisition	Evaluation Method	Selected (1, 2)
Goods, Services / Works with a Rand value between R 15 001 and to R 1000 000:	Method 1 (Financial offer and Preference);	
	Method 2 (Functionality, Financial offer, and Preference)	2

6. Evaluation Criteria

6.1. Mandatory Criteria (If applicable)

1.1.Planning and Installation

Mandatory Criteria	Proof Required (supporting documents)	Please specify YES/NO for compliance
1.1.1. Provide Complete link design of the Point-to-Point links at a minimum capacity of 250 Mbps full duplex. (250Mbps Uplink: 250 Mbps Downlink) Bidders are required to submit all digital copies of the design including details of software used for the designs	Provide link design based on provided requirements.	
1.1.2. All OHS requirements must be adhered to while doing the Site visits and teams must have the required safety equipment and certification to climb towers.	Provide statement of commitment	
1.1.3. Service provider must ensure that all teams are equipped with the required tools and road worthy vehicles that is fit for purpose (urban and rural) of installation and maintenance work, vehicles must be able to travel off road. (Binoculars, measuring equipment, etc,) and safety equipment to be able to complete the Initial Site Surveys (ISS) and Technical Site Surveys (TSS).	Provide statement of commitment	
1.1.4. Project plan must be provided that will fit in with the required timelines as set out by Sentech. (All installation work needs to be completed within 6 weeks from appointment).	Provide high level Project Plan	
1.1.5. The Service provider will be 100% responsible for the management and quality of the installation work. The service provider will commit to ensuring resource availability to complete the project within the above timelines.	Provide statement of commitment	

6.2. Functional / Quality criteria (if applicable)

Applicable for acquisitions between R 15 000 and R 1 million and if no Functional Criteria, indicate "N/A"

Functional criteria	Points
SEE ANNEXURE A FOR INFORMATION	
Total Points:	

6.3. Minimum Score to Qualify (applicable to Functional Criteria)

If no Functional Criteria, indicate "N/A"

Minimum Score to Qualify for Further Evaluation	[Insert Minimum functional/ quality score]
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7. Advertisement Period

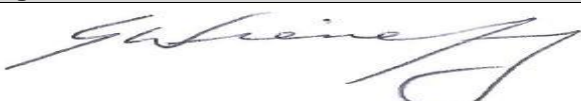
Advertisement Period:	Selected	Motivation
3 working days (Evaluation Method 1)		
5 working days (Evaluation Method 2)	x	
10 working days (Evaluation Method 2) i.e. CIDB related requests <i>(Briefing session must be at least 5 working days before closing date)</i>		
10 Working days for goods and services designated for local content production		

8. Comments: (applicable for general comments only)

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No specifications or recommended suppliers must be captured here

9. Compiled by:

Initiator	Signature	Date
Gerhard Wienekus		4 September 2023

10. Verified by:

Name of Business Partner and Manager Acquisition	Signature	Date
Bongani Mgabi		

**11. Proposed BSEC: (Applicable for Evaluation Method 2) (MINIMUM 3 EVALUATORS INCL. INITIATOR)-
please ensure that the BSEC is cross functional**

1. We, the undersigned members of the Sentech Bid Specification and Evaluation Committee, duly appointed by the Chief Executive Officer of Sentech SOC LTD, hereby declare collectively and individually that we, during and after the evaluation process of the recommendations submitted for consideration, have duly applied our minds and have neither intentionally and/or negligently, favoured nor prejudiced any natural and/or legal person/body/entity and that we have acted in good faith in respect of the fair, equitable, transparent, competitive and cost effective assessment of the above-mentioned process.

2. We, furthermore, collectively, and individually, declare that we do/not have any no known interest or relationship (family, friend, business or financial) with any of the bidders/tenderers or any persons connected to any of the bidders/tenderers that may either prejudice or favour any of such bidders/tenderers to be assessed.

Bid Specification and Evaluation Committee members	Signature	Date
Marius Venter		06/09/2023
Frederick Minne		06/09/2023
Gerhard Wienekus		06/09/2023
Teboho Tsosane		06/09/2023
Abidan Sango	 A Sango	06/09/2023
Altus Van Niekerk		06/09/2023
Monde Sikiti		06/09/23

#SCO and Initiator MUST arrange BSEC meetings

ANNEXURE A

2. Scope Of Work

Sentech requires the services in respect of, *inter alia*, to assist with planning, supply, installation, and commissioning of 14 unlicensed Point to Point links for Sentech. The proposed new links can consist of any approved vendor.

Response To RFQ

2.1.1. The planning and deployment of 14 Point-to-point links in the unlicensed band. This includes:

- 2.1.1.1. Complete detailed plan of the links as required. (See attached equipment specifications point 7.3 to adhere to)
- 2.1.1.2. Bill of materials to complete the entire network.
- 2.1.1.3. Provide a resource plan, this must include planning and deployment resources require (All installation work needs to be completed within 6 weeks from appointment).

2.1.2. The Bill of Materials Should include the following:

- 2.1.2.1. Link Equipment (Antenna specifications, ODU Specifications, IDU Specifications)
- 2.1.2.2. All Cabling
- 2.1.2.3. All Installation Materials required
- 2.1.2.4. Bracket and pole specifications
- 2.1.2.5. Resource requirements
- 2.1.2.6. Rack Space required
- 2.1.2.7. Power consumption of equipment
- 2.1.2.8. As-Built documentation

(Provide costing in Annexure B)

2.1.3. Network (Deployment, Equipment, etc.) Costing must be based on:

- 2.1.3.1. Equipment Pricing
- 2.1.3.2. Installation Pricing (Must include all Travel and accommodation)
- 2.1.3.3. Transport Costs (Courier costs, Delivery costs, Travelling)
- 2.1.3.4. Installation Material Costs

(Provide costing in Annexure B)

If there are any changes in link requirements from the link plan this needs to be communicated to Sentech with motivation thereof and costing of the required changes. These changes must be kept to a minimum. There is no guarantee that the changes would be approved.

2.1.4. The bidder will be responsible for:

- 2.1.4.1. Complete deployment of the links.
- 2.1.4.2. Weekly updates of the project plan
- 2.1.4.3. Daily updates of installed and commissioned sites.
- 2.1.4.4. Handover documentation must be sent to Sentech within a week of the completion of sites per site.

2.1.5. The Links must be planned and deployed in the following areas:

(Unlicenced links to be supplied at a minimum of 250Mbps Uplink and 250 Mbps Downlink):

BBI POP	Latitude (BBI Pop)	Longitude (BBI POP)	BS Site	Latitude (BS)	Longitude (BS)
Belville	-33.90861111	18.63111111	TYGERBERG	-33.87527778	18.59555556
Huguenot	-33.72825	18.97727778	PAARL	-33.71416667	18.93972222
Bacchus - Proteus 255	-34.156471	21.293909	RIVERSDALE	-34.01888889	21.1275
George	-33.96052778	22.45619444	GEORGE	-33.92722222	22.45083333
Beaufort West	-32.35077778	22.57644444	BEAUFORT WEST	-32.25833333	22.50638889
Zimbane	-31.62180556	28.78530556	UMTATA	-31.59666667	28.74333333
Qunu	-31.80311111	28.61877778	Telkom Qunu	-31.78391	28.61649
Durban Umhlanga Rocks DC	-29.73008333	31.06786111	DURBAN NORTH	-29.76444444	31.04
Pietermaritzburg	-29.61175	30.36936111	PIETERMARITZBURG	-29.57972222	30.33027778
Camden - Incandu	-27.35622222	29.92333333	VOLKSRUST	-27.30916667	29.8875
Louis Trichardt	-23.05208333	29.90680556	LOUIS TRICHARDT	-23.00055556	29.75722222
Pretoria North	-25.67030556	28.18094444	Pretoria North	-25.742389	28.531778
Heidelberg	-26.01266667	28.34752778	HEIDELBERG	-26.48861111	28.34666667
Springfontein	-30.26627778	25.70752778	SPRINGFONTEIN	-30.27055556	25.76888889

2.2. Annexures

- 2.2.1. Annexure B: Pricing Templates to be used
 - a. Link Pricing
 - b. NMS Pricing
 - c. Training Pricing

2.2.2. Access test requirements (Layer 2)

The Ethernet service provisioned shall adhere to the following Service Level Agreement (SLA) parameters, as a minimum:

Item	Thresholds
Throughput (Committed Information Rate)	250 Mbps
Latency (Frame Transfer Delay)	70 ms round trip
Frame loss Ratio	<=1%
Jitter (Frame Delay Variation)	30 ms (maximum)
MTU size	1518

Table 1: Ethernet SLA Parameters

Note: The Ethernet test duration shall be a minimum 20 minutes.

2.3. Specifications

2.3.1. Microwave Link planning: Links must be planned to utilize the following specifications:

- 2.3.1.1. Minimum 250 Mbps full duplex (250:250) per link (Supply maximum upload and download ratio)
- 2.3.1.2. Network to be able to support both CIR / MIR and BE
- 2.3.1.3. Support VLAN's
- 2.3.1.4. Support Layer-2 and Metro Ethernet
- 2.3.1.5. Support QinQ (Trunk Ports)
- 2.3.1.6. NMS design inclusive of capacities required