TENDER DATA

Project title:	Appointment of a Service Provider for the Supply, Delivery and Support of FM Re-Broadcasting Receivers for a period of three (3) years with an option to extend by two years on a as and when required basis.
Bid no:	SENT/040/2026-27

1 BACKGROUND

1.1 Sentech SOC Ltd ("Sentech") is a Schedule 3B State-Owned Company in terms of the Public Finance Management Act 1 of 1999 (PFMA) and is the largest broadcasting signal distributor in South Africa.

1.2 Sentech is a licensed Electronic Communications Network Service provider and operates satellite, television, radio, broadband and digital infrastructure networks.

1.3 Sentech invites bids for the development of a new corporate website, temporary maintenance services, and training of Sentech personnel on content management and maintenance.

1.4 Sentech currently operates various telecommunication networks for Satellite, Television, Radio, Internet and more. As such, Sentech is a global enabler of broadcasting and digital content IT delivery.

It is the intention of Sentech's Media Business Unit to appoint a suitably qualified and experienced service provider for the supply, delivery, and technical support of FM Re-broadcasting Receivers in accordance with Sentech's technical specifications, operational requirements, and quality standards.

Through this open tender process, Sentech intends to appoint one or more suppliers to provide FM re-broadcasting receivers for a period of three (3) years from the date of appointment. The successful supplier(s) will be issued with purchase orders on an as-and-when-required basis for the supply and delivery of the required receivers throughout the contract period.

Indicate in the table below the OEM/s (product/s) your company will be representing.

Product	**Bidder to indicate the Original Equipment Manufacturer (OEM)**	**Product model being offered.**
FM Re-Broadcast Receivers		

2 LEGAL FRAMEWORK

This tender is issued in accordance with:

- Section 217 of the Constitution of the Republic of South Africa, 1996
- Public Finance Management Act, 1 of 1999
- Preferential Procurement Policy Framework Act, 5 of 2000
- Preferential Procurement Regulations, 2022

- Broad-Based Black Economic Empowerment Act, 53 of 2003
- National Treasury Regulations and SCM Instructions
- Promotion of Administrative Justice Act, 3 of 2000
- Protection of Personal Information Act, 4 of 2013

3 SUBMISSION OF BIDS AND CLOSING OF BIDS

3.1 This Bid closes on the date and time stipulated on the Notice and Invitation to Bid (SBD1). Bids can be submitted electronically via the eTender Portal and/or by hand to the tender box at Sentech Offices, Octave Road, Radiokop Ext 3, Honeydew, Johannesburg.

3.2 Bidders that opt to deposit their bid documents in the tender box must do so on or before the closing date and time, during working hours only (08:30-15:30). No late submissions will be accepted.

3.3 Bidders Bidders who opt to submit via the Sentech eTender Portal ("the eTender Portal") are advised that the eTender Portal has a files size limit of 30MB. Bidders must upload their tender documents timeously. The eTender Portal is available 24hrs a day. No late submissions will be accepted.3

3.4 It is incumbent on the bidder to ensure that their bids are submitted timeously via the selected method before the closing date and time. Sentech will not take any responsibility of any incomplete submissions or late tenders, for any reason whatsoever.

3.5 Telegraphic, telephonic, telex, facsimile, e-mail and late Bids will not be accepted.

3.6 This is a two-envelope system for Bid Evaluation. Bidders must submit their proposal and all supporting documentation in a sealed envelope, clearly marked as follows:

a) For manual submissions, Envelope One must consist of "Original Technical Proposal together with a soft copy in PDF format of an electronic medium e.g. USB etc. The soft copy will consist of a single PDF document containing the complete response. The envelope must contain all information and documents relating to the Bid. (Refer to list of returnable documents).

b) No Financial Information must be included in Envelope One.

c) Envelope Two "Original Financial Proposal" (Contract Date and Pricing schedule/schedule of rates as applicable) together with 1 copy of "Financial Proposal" together with a soft copy in PDF format of an electronic medium e.g. Compact Disk (CD), USB etc. The soft copy will consist of a single PDF document containing the complete Financial Proposal.

d) Bidders are required to place the sealed Envelope One together with the sealed Envelope Two into one sealed envelope or container. The sealed envelope or container must be marked with the following information:

For Attention:

- **HEAD OF SUPPLY CHAIN MANAGEMENT**
- **BID REFERENCE NO: ##**
- **TECHNICAL AND FINANCIAL PROPOSALS**

- **INSERT CLOSING DATE AND TIME**
- **BIDDER'S NAME AND ADDRESS**

e) Bidders that combine their Technical Proposal with the Financial Proposal (or any financial information) will be automatically disqualified and not be evaluated further.

f) The financial proposal will only be opened and evaluated should the technical proposal be found to be responsive, being that the technical proposal has met the minimum technical evaluation criteria that are set out in the Bid Documents.

g) The Bidders shall insert a table of contents and bind (ring bind or similar method) the proposal documents and verify the page numbers, as Sentech will not accept any liability with regard to any disputes arising from pages that are missing or duplicated in the aforementioned documents.

h) Bidders are required to complete and sign all the returnable documentation (refer to list of returnable documents) and initial all pages, drawings and brochures which are included in the reply as Sentech will not accept any liability with regard to any disputes arising from pages that are missing or duplicated in the aforementioned documents.

i) Late submissions will not be considered.

j) For online submissions via the e-Tender portal, submission requirements are directed by the system. Bidders must follow instructions in the Bidder's manual.

4. SIGN AND INITIAL

Bidders are required to complete and sign the Bid Forms where required and initial the bottom of all pages, drawings and brochures which are included in the submission as Sentech will not accept any liability with regard to any disputes arising from pages that are missing or duplicated in the aforementioned documents.

Both original signatures and electronic signatures will be accepted.

5. COMPLETION OF BID DOCUMENTS

Bidders must ensure that they complete all sections of the Bid Documents as per the requirements in the Bid.

Bidders must use only the Bid documents provided by Sentech. Photocopying of the Bid document is permitted however Bidders must not retype or redraft the Bid documents.

6. BID VALIDITY

This Bid shall remain valid for a period of 90 days only. An extension of the Bid validity, if justified in exceptional circumstances, shall be requested in writing from all Bidders before the expiration of the 90-day period.

7. COSTS OF PREPARING THE BID SUBMISSION

Bidders shall bare all costs associated with the preparation and submission of the proposals. Sentech shall under no circumstances be held responsible or liable for any costs incurred during the bidding process.

8. ADMINISTRATIVE RESPONSIVENESS CRITERIA

Bidders are required to ensure that they meet all the Administrative Responsiveness Criteria.

9. BBBEE CODES AT SENTECH

Sentech complies with the codes of good practice as prescribed by the DTI, to advance Broad Based Black Economic Empowerment.

10. SUBCONTRACTING AS A CONDITION OF BID

This tender relates solely to the supply and delivery of FM Re-Broadcast Receivers. As the receivers are expected to be supplied as complete, manufactured units by the Original Equipment Manufacturer (OEM) or its authorized distributor/reseller, no subcontracting is anticipated under this contract.

Bidders shall be responsible for the full supply, delivery, warranty support, and any associated technical assistance related to the equipment offered. Accordingly, subcontracting will not form part of the scope of this tender unless expressly approved by Sentech in writing under exceptional circumstances.

11. TRANSFORMATION PLAN

A transformation plan is a record of activities an entity intends to undertake to improve its BBBEE Level through Ownership, Management and Control; Skills Development; Enterprise and Supplier Development and Socio-Economic Development.

Sentech reserves the right to request a BBBEE transformation plan with clearly defined timelines and milestones if the recommended Bidder does not meet Sentech's transformation goals. These milestones must be achieved over the term of the contract. This transformation plan must be submitted within 10 working days from the written request, failing which Sentech reserves the right to withdraw its appointment of the preferred recommended Bidder.

12. LOCAL PRODUCTION AND CONTENT

In the case of designated sectors, where in the award of Bids, local production and content is of critical importance, such Bids will contain a specific bidding condition that only locally produced goods, services or works or locally manufactured goods, with a stipulated minimum threshold for local production and content will be considered.

Does this requirement fall under any designated sector as prescribed by the DTI?	Yes	No X
If yes, specify the sector		N/A
Specify minimum threshold applicable		N/A

***Bidders must fill in the SBD6.2 for Local Content and Production**

13. EVALUATION CRITERIA

The evaluation criteria are stipulated in 19 below. It is the Bidder's responsibility to ensure that it has responded to the evaluation criteria. Failure to meet the evaluation criteria will result in the Bidder not being evaluated further. Bidders must ensure that they have included all supporting documentation required to support their response to the Bid.

14. OBJECTIVE CRITERIA

14.1 Sentech reserves the right not to award this tender to any Bidder or any of its directors or subcontractors who during the preceding five (5) years –

14.1.1 failed to perform satisfactorily on a previous project with Sentech or any other organ of state; or

14.1.2 wilfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract.

14.2. Sentech further reserves the right not to award this Tender to any Bidder or any of its directors or subcontractors who have been blacklisted by any organ of state or committed and/or charged in any court of law or similar tribunal or forum with any act of tax non-compliance, fraud, corruption and/or dishonesty of whatsoever nature.

15. AWARD OF BID/S

Sentech may appoint one or more suppliers, in whole or in part, or not appoint any supplier/s at all, and/or cancel the Bid in its entirety, at Sentech's sole and exclusive discretion, in order to satisfy various needs which may be identified, and to manage certain risks associated with the supply of goods or services specified in respect of the Bid.

16. ALTERNATIVE/SUBSTITUTE PRODUCTS

In the case of contracts and/or panels, Sentech shall be entitled to consider and accommodate product upgrades during the tenure of the contract and/or panel. Bidders are required to bring all such developments to the attention of Sentech for approval.

17. BRIEFING SESSION

Should there be a compulsory briefing session for this Bid, Bidders must ensure that they attend the briefing session and sign the attendance register, as non-attendance or failure to sign the attendance register will automatically disqualify a Bidder from submitting a proposal for this Bid.

All questions raised by Bidders post the briefing session will be consolidated and shared with all Bidders at least seven (7) calendar days prior to closing.

18. CLARIFICATION

Enquiries related to Bid documents may be addressed to the Bid Administrator and Supply Chain Official as stated in SBD 1 Notice and Invitation to Bid.

19. BID EVALUATION METHOD

This Bid will be evaluated as described in the table below.

The 80/20 system will be followed for Technical and Price offer	**1. Stage 1 – Administrative Responsiveness Evaluation** All the Technical Proposals will be evaluated against the **Administrative responsiveness requirements** as set out in the list of returnable documents. **2. Stage 2 –Technical Evaluation** **2.1. Mandatory Criteria Evaluation** Bidders must meet all mandatory technical requirements outlined in this tender. Any bidder that fails to comply with one or more mandatory criteria will be disqualified and will not proceed to the next stage of the evaluation process. **2.2. Functional Criteria Evaluation** Bidders who successfully meet all the mandatory criteria will proceed to the Functional Criteria Evaluation stage. The functional evaluation will be conducted on a points-based system, with a maximum score of 200 points. To qualify for further evaluation, bidders must achieve a minimum threshold score of 110 out of 200 points (55%). Bidders who fail to attain the minimum required score, to the criteria will not be evaluated further. **2.3. Risk Assessment** All proposals that are fully compliant with the Mandatory Technical Criteria and achieve the minimum qualifying score in the Functional Evaluation will be subjected to a Risk Assessment, as described in Section 24 of this tender document. Only bidders who successfully pass the Risk Assessment stage will qualify for Price and Preference evaluation. **3. Stage 3 – Price and Preference** Financial Proposals for Qualifying Bidders will be opened and evaluated. Bidder's financial offers and BEE certificates will be ranked according to price and preference points from the highest number of points to the lowest.

20. ADMINISTRATIVE RESPONSIVENESS REQUIREMENTS

To be administratively responsive, Bidders must ensure that they meet all the below mentioned criteria. Bidders that do not meet all the below mentioned criteria may not qualify to be awarded the Bid. Sentech reserves its rights in respect of the below criteria.

- Complete and return all documentation stipulated in the LIST OF RETURNABLE DOCUMENTS.
- All correspondence must be in English.
- Bidders must fill in all sections of this document (where applicable).
- **BLACK INK** must be used when completing the Bid documents.
- Bidders must use only the Bid documents provided by Sentech. Photocopying of the Bid document is permitted however Bidders must not retype or redraft the Bid documents.

- All corrections must be initialled. The use of corrective fluid is strictly prohibited.
- Bidders are required to fill in and sign the Bid Forms and initial all pages, drawings and brochures which are included in the reply as Sentech will not accept any liability with regard to any disputes arising from pages that are missing or duplicated in the aforementioned documents.
- Bidders must complete an attendance register at each compulsory site meeting attended.
- Appointment of a Bidder will be subject to signing, declaration and submission of SBD 1, 3.1, 3.2, 3.3, 4, 5, 6,1, 6.2 8, and 9 depending on applicability.
- Complete and sign the Contract Data.
- Should this be a 2 envelope or 2 stage system, Bidders MUST separate the technical proposal from their financial proposal. The technical and financial proposals must be placed in two separate sealed envelopes.

21. AUTOMATIC DISQUALIFICATION

Sentech reserves the right to automatically disqualify Bidders from being awarded this Bid. The following will lead to automatic disqualification:

- Failure to submit a financial proposal, if required.
- The Bidder is or has been involved in any act of corruption or fraud or bribery or collusion or attempt to influence any employee of Sentech to award this Bid or any other Bid to it.

22. TECHNICAL RESPONSIVENESS COMPLIANCE

The Technical Evaluation will encompass evaluation of:

- Mandatory Criteria
- Functional / Technical Criteria

23. TECHNICAL EVALUATION CRITERIA

23.1 Mandatory Eligibility Criteria

The following criteria are mandatory to ALL BIDDERS:

Mandatory Eligibility Criteria **FM RBR Receivers**	**Description of parameters**	**Compliance Requirement: Indicate Yes or No for compliance against each requirement. Bidders must provide supporting evidence and clearly reference the relevant page number(s) in their proposal where the evidence can be found.** **Note: Acceptable proof of evidence must be in the form of manufacturer datasheets, technical specifications, and test results/reports, where applicable.**
1. RF Input Specifications	User selectable, 87.5 MHz to 107.9MHz in ≤ 100kHz steps	

	Audio Muting: Squelch threshold adjustable down to ≤80µV	
	Antenna RF Input must be 50 Ω (N-Type or BNC).	
2. Stereo Performance	Crosstalk L➔R and R➔L >= 40dB	
3. Total Harmonic Distortion	>= 46dB (0.5%)	
4. Audio Level, on both L and R Channels	+- 0.5dB	
5. Phase	+- 2 Degrees	
6. Frequency Response of outputs	40Hz to 100kHz MPX Outputs = +- 0.5 dB	
	40Hz to 15kHz L and R Outputs = +- 0.5 dB	
7. Signal to Noise Ratio ITU-R 468 Weighted Stereo Signal to Noise Ratio (1mV RF Input, an audio level of +10.6dBu as reference and de-emphasis switched ON):	≥ 50dB at 1mV RF Input signal for stereo analogue audio line outputs	
	≥ 50dB at 1mV RF Input signal for MPX Outputs	
8. Outputs:	MPX Outputs: Two low impedance, independently adjustable outputs (BNC)	
	Analogue: Two balanced (XLR) with adjustable levels	
	Headphone Socket: 6.35mm (stereo) on the front	
9. AC supply input voltage: (IEC connector)	230 V± 10%, 50Hz single phase	
10. Dimensions:	19” (483mm) wide by 1U high to fit in standard equipment rack	
11. Operating Temperature	0 °C to ≥45°C	
12. Operating Altitude:	Up to 2800m above sea level	
13. Relative Humidity:	0% to 90% non-condensing	
14. De-Emphasis (with enable/disable option) on:	Line Outputs: 50µs	
15. Remote Control and Remote Monitoring Facilities	Local and remote monitoring via web interface and SNMP version 2 and upgradeable to later versions should be fully described by the Tenderer. Local and Remote control of equipment via web interface using the Network Port: RJ45 (TCP/IP) is essential (Not Java based).	
16. Front panel Monitoring and Control	User friendly control and monitoring user panel with menus clearly defined	
17. Telemetry monitoring and control	General Purpose Input/Outputs (GPIO)	

18. Software upgrade	User-friendly Software upgrade via USB or Lan for onsite Local upgrade with the option for Remote upgrade via WAN	

NOTE: Bidders that do not comply with all the above criteria will not be evaluated further.

23.2 Functional Criteria

The functionality evaluation is intended to assess a bidder's ability to provide equipment that meets Sentech's operational, technical, maintenance, and support requirements throughout the expected lifecycle of the FM Re-Broadcast Receivers. Sentech will evaluate bidders based on their ability to demonstrate compliance with the specified functional criteria and their capability to support the equipment effectively over its operational lifespan.

Awarding of Points:

Points will be awarded based on the bidder's demonstrated compliance with the requirements of each evaluation category, as follows:

- Sentech will award the maximum points allocated to a category where the bidder fully meets or exceeds the specified requirements and provides the required supporting evidence.
- Bidders who only partially satisfy the requirements of a category will not be awarded the maximum points and will receive points in accordance with the applicable scoring rubric.
- Bidders who fail to meet the minimum requirements of a category, or who fail to provide sufficient supporting evidence, will be awarded zero (0) points for that category.

Only verifiable information and supporting documentation submitted as part of the bid response will be considered during the evaluation process.

Sentech reserves the right to verify all information provided by bidders and to request additional clarification where necessary.

This evaluation methodology is designed to ensure that Sentech selects the solution that best meets its operational requirements and provides sustainable support throughout the equipment lifecycle.

<table>
<tr><th>Functionality criteria</th><th colspan="2">Compliance Requirement: Indicate Yes or No for compliance against each requirement. Bidders must provide supporting evidence and clearly reference the relevant page number(s) in their proposal where the evidence can be found.

Note: Acceptable proof of evidence must be in the form of manufacturer datasheets, technical specifications, and commitment letters</th><th>Points</th></tr>
<tr><td>Tuner with pre-set frequencies that can be set different and independently to which the receiver will automatically revert to after a power failure.

Max = 30
<table><tr><td>Dual Independent FM Tuners</td><td>30</td></tr><tr><td>Dual RF inputs isolated from each other coupled to a single tuner</td><td>20</td></tr><tr><td>Single Tuner</td><td>10</td></tr></table></td><td></td><td></td></tr>
<tr><td>MPX diversity switching is provided for the best available feed

Max = 30
<table><tr><td>MPX diversity switching function is provided on the Dual tuner Receiver</td><td>30</td></tr><tr><td>MPX diversity switching provided on Single Tuner Receiver</td><td>20</td></tr><tr><td>No solution provided</td><td>0</td></tr></table></td><td></td><td></td></tr>
<tr><td>Stereo Regeneration option to maintain the quality of the broadcast signal in long and multi-hop environments

Max = 20
<table><tr><td>Option is Provided</td><td>20</td></tr><tr><td>Option is not Provided</td><td>0</td></tr></table></td><td></td><td></td></tr>
<tr><td>RDS encoder for RDS re-insertion option to maintain the quality of the broadcast signal in long and multi-hop environments

Max = 20
<table><tr><td>Option is Provided</td><td>20</td></tr><tr><td>Option is not Provided</td><td>0</td></tr></table></td><td></td><td></td></tr>
<tr><td>IP based web streaming

Max = 10
<table><tr><td>Option is Provided</td><td>10</td></tr><tr><td>Option is not Provided</td><td>0</td></tr></table></td><td></td><td></td></tr>
</table>

Failover Audio Backup from memory. **Max = 10** Option is Provided: 10 Option is not Provided: 0			
Selectable IF Bandwidth **Max = 10** Selectable From 56kHz to 311kHz: 10 Fixed IF Bandwidth: 0			
Service and support **Max = 20** 10 years and above: 20 5 years up to 9 years: 15 Less than 5 years: 0			
Handbooks and Documentation **Max = 20** Handbooks and Documentation – Detailed instrument description, operation and installation procedures including block and schematic diagrams in both Hard and soft copies: 20 Poorly written or No Handbooks and documentation provided: 0			
Warranty **Max = 30** Greater than 36 Months: 30 36 Months: 25 24 Months: 15 Less than 24 Months: 0			
Total Points: 200			

Table 1: Functional Criteria

Total minimum qualifying functional score is 110 points.

Bidders who meet the minimum qualifying criteria in the functional evaluation will be required to provide a working receiver to Sentech for technical testing.

24. Risk assessment

All bids that pass the technical evaluation in 22.1 will undergo a risk assessment based on the following framework:

Criteria	Comments
e.g. Dishonesty in information presented	
Any additional information received from past references	
Any other information that Sentech may deem important	
Background Checks i.e.: (PEP and adverse media screenings)	
The capability of the Local Agent and the respective OEM to deliver on this tender	
The results of the technical evaluation on Sentech's premises of the Rebroadcast Receiver	

NB: Sentech may disqualify Bidders based on the outcome of the risk assessment.

25. Evaluation of Price and Preference

This Bid will be evaluated on a points system based on weighted average score for Price and Preference as per Preferential Procurement Framework Act of 2000 (Act 5 of 2000). Accordingly, either the 80/20 or 90/10 preference point system will apply and the highest acceptable Bid will be used to determine the applicable preference point system.

26. Preference Point allocation – 80/20 or 90/10

Price / Preference	**Weighting (80/20)**	**Weighting (90/10)**
Preference:	**20**	**10**
Price:	**80**	**90**
Total must equal:	**100**	**100**

Sentech will award preference points according to the following table:

Goal	Points (80/20)	Points (90/10)	Evidence required
Historically disadvantaged by unfair discrimination on the basis of Race	8	4	A valid BBBEE Certificate showing at least 51% black ownership
	3	3	A valid BBBEE Certificate showing at least 25.1 – 50% black ownership
	1	2	Black owned company showing at least 5 – 25% black ownership
	0	0	Below 5%
Historically disadvantaged by unfair discrimination on the basis of Gender (women)	10	5	A valid BBBEE Certificate showing at least 51% women ownership
	6	3	A valid BBBEE Certificate showing at least 25.1 – 50% women ownership
	2	2	A valid BBBEE Certificate showing at least 5-25% women ownership
	0	0	A valid BBBEE Certificate showing at less than 5% women ownership
Historically disadvantaged by unfair discrimination on the basis of disability	2	1	A doctor's note confirming disability or confirmation of disability from the Department of labour (EEA1 form) or equivalent
Total Points	**20**	**10**	

27. Price Calculation 80/20

The following formula will be used to calculate the points for price.

$$Ps = 80 \left[1 - \frac{(Pt - Pmin)}{Pmin} \right]$$

Where:

Ps	=	Points scored for price of bid under consideration
Pt	=	Rand value of bid under consideration
Pmin	=	Rand value of lowest acceptable bid

28. Price Calculation 90/10

The following formula will be used to calculate the points for price.

$$Ps = 90 \left[1 - \frac{(Pt - Pmin)}{Pmin} \right]$$

Where:

Ps	=	Points scored for price of bid under consideration
Pt	=	Rand value of bid under consideration
Pmin	=	Rand value of lowest acceptable bid

29. Declaration of Authority

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of this Bid Data is understood and all requirements will be adhered to.

Name of Bidder	Signature	Date	Designation

TABLE 1: REFERENCES

Please complete the customer reference table and relevant Contact telephone number and attach reference letters.

Customer		Service Provided	Contact Person	Contact tel. no.	Contractual commencement date	Contractual completion date
1						
2						
3						
4						

Customer		Service Provided	Contact Person	Contact tel. no.	Contractual commencement date	Contractual completion date
5						

Name of Tenderer	**Signature**	**Date**