

## TENDER DATA

<b>Project title:</b>	Appointment of a Service Provider for the Supply, Installation, and Support of Data Centre IT Network Racks, Structured Cabling, DCIM and Air Containment at the NASREC Facility, including provision for additional racks on an as-and-when required basis over a three-year period.
<b>Bid no:</b>	SENT/005/2025-26.

### 1. BACKGROUND

Sentech is a state-owned company and is the largest broadcasting signal distributor in South Africa. Sentech is a licensed Electronic Communications Network Service provider in South Africa. It currently operates many telecommunication networks for Satellite, Television, Radio, Internet and more. As such, Sentech is a global enabler of broadcasting and digital content delivery.

SENTECH currently has a Data Centre facility at NASREC and aims to build Tier III Data Centre (DC), Sentech requires to appoint the service provide to supply twenty-nine (29) Data Centre network racks, build air containment, Installation of structured data network cabling (Fiber and Copper installation) in between racks to provide cross connection and provide the Data Centre Monitoring Solution (DCIM system).

The winning bidder will be provided with a 36-month contract to supply network racks, with twenty-nine (29) racks being initial requirement to provide structural data network cabling services and the purchase of DCIM additional license as when needed.

Sentech has standardised to a large extent on Schneider Electric in electrical and the legacy build project NASREC. Bidders are requested to consider this standardisation and or offer equivalent. The anticipated appointment may extend beyond NASREC as the DC business case may be consolidated.

### 2. SUBMISSION OF BIDS and CLOSING

2.1 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.

- a) 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.
- b) 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.
- c) 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.
- d) Telegraphic, telephonic, telex, facsimile, e-mail and late Bids will not be accepted.

2.2 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.

### **3. 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.

### **4. 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.

### **5. 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.

**6. 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.

**7. ADMINISTRATIVE RESPONSIVENESS CRITERIA**

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

**8. BBBEE CODES AT SENTECH**

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

**9. SUBCONTRACTING AS A CONDITION OF BID**

The successful Bidder must subcontract a minimum of zero (0) % of the value of the contract to \_\_\_\_\_ (specify the designated group targeted).

**10. 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.

**11. 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
If yes, specify the sector	Electrical and telecoms cables	
Specify minimum threshold applicable		
Electrical and telecoms cables	90%	

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

**12. EVALUATION CRITERIA**

The evaluation criteria are stipulated in 18 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.

### **13. OBJECTIVE CRITERIA**

Sentech reserves the right not to consider proposals from Bidders who are currently involved in litigation with Sentech. Sentech further reserves the right not to award this tender to any Bidder based on the proven poor record of accomplishment of the Bidder in previous projects with Sentech. Furthermore, bidders who are blacklisted or have committed any acts of fraud and/or misrepresentation of facts e.g. tax compliance, BBBEE, company financials, etc. will be eliminated from the Bid.

### **14. 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.

### **15. 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.

### **16. 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.

### **17. 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.

### **18. BID EVALUATION METHOD**

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

<p><b>An 80/20 system will be followed for Technical and Price offer</b></p>	<p><b>1. Stage 1 – Administrative Responsiveness Evaluation</b> All the Technical Proposals will be evaluated against the <b>administrative responsiveness requirements</b> as set out in the list of returnable documents. Sentech reserves the right to request clarification on any aspect of the tender in line with its policies.</p> <p><b>2. Stage 2 –Technical Evaluation</b> <b><u>Mandatory Criteria:</u></b> All Proposals that qualify based on the administrative responsiveness requirements will be evaluated against the Mandatory Evaluation Criteria. Bidders must COMPLY TO ALL the Mandatory Evaluation Criteria in order to qualify for further evaluation.  Sentech reserves the right to request clarification on any aspect of the tender in line with its policies.  <b><u>Functional Criteria:</u></b> Bidders qualifying in Mandatory criteria will be evaluated against the Functional Criteria. Bidders must score 42 points or more out of a total of 70 points allocated. Bidders who score less than 42 points will not be evaluated further. Bidders who obtain the required threshold points of 42 points or more will qualify for further evaluation.</p> <p><b>3. Stage 3 – Risk Assessment</b> Bidders that have qualified on the basis of achieving the required evaluation score may undergo a further risk assessment and may be disqualified from being evaluated further should the risk assessment so warrant or there are compelling and justifiable reasons to disqualify a bidder. The risk assessment will be based on any identified risks that arise out of the bidder’s responses and any other risks that Sentech may identify. A physical visit and survey of the bidder’s or customer’s premises may be requested as deemed necessary.</p> <p><b>4. Stage 4 – Price and Preference</b> 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.</p>
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**19. 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.

**20. 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.

**21. LOCAL CONTENT VERIFICATION**

Local Content Criteria	DTI Local Content Threshold	Compliant (Indicate Yes or No)	What Proof is required to show compliance to Mandatory Eligibility Criteria
Electrical and telecoms cables	90%		SBD6.2 and Applicable Annexures / OR Exemption Certificate from DTI

**NOTE: Bidders are urged to complete SBD 6.2 and all applicable annexures or get exemption certificate from DTI.**

**22. TECHNICAL RESPONSIVENESS COMPLIANCE**

The Technical Evaluation will encompass evaluation of:

- Mandatory Criteria
- Functional Criteria
- Risk Assessment

**23. TECHNICAL EVALUATION CRITERIA**

### 23.1 Mandatory Eligibility Criteria

The following criteria are mandatory to ALL BIDDERS:

Mandatory Eligibility Criteria	Attach evidence	Provide reference page number in your proposal
<p><b>Network Racks as per specification:</b></p> <ul style="list-style-type: none"> <li>(a) Bidders shall submit the letter indicating the submitted proposal will meet the minimum requirement of the network rack stipulated in the scope of work.</li> <li>(b) The bidder to provide two PDUs per rack, as stated on the scope of work in the Contract Data.</li> <li>(c) Single phase 230 AC, 32A, 24-way and PDU with power rating of 8 kVA, C13 Standard IEC PDU Socket outlet.</li> </ul>	<ul style="list-style-type: none"> <li>(a) A signed letter on the company letter head stating that the bidder shall comply with the specification stipulated in the scope of works.</li> <li>(b) Bidder to provide Data sheet of the proposed PDU showing dual PDU mounts which indicates the compliance with the PDU Specifications.</li> <li>(c) A datasheet that complies with the PDU Specification.</li> </ul>	<ul style="list-style-type: none"> <li>(a)</li> <li>(b)</li> <li>(c)</li> </ul>
<p><b>OEM Channel Confirmation</b></p> <ul style="list-style-type: none"> <li>(a) An OEM letter certifying that the bidder can install and maintain the product/solution offered.</li> </ul>	<p>Letter from the OEM confirming that they are accredited/partner to supply the required products.</p> <p><i>SENTECH reserves the right to verify these letters with the OEM.</i></p>	

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

23.2 Functional Criteria

Functionality criteria	Attach evidence	Proof Required; Bidders must provide the page reference / page number
<b>1. DATA CENTRE BUILD Company Experience</b>		
<p><b>Bidders to provide previous experience in supply and installation of Network Racks for an IT Data Centre with Aisle Air containment solutions.</b></p> <ul style="list-style-type: none"> <li>• 0-1 project completed (0)</li> <li>• 2-3 projects completed (5)</li> <li>• 4-6 projects completed (7)</li> <li>• 7 or more projects completed (10)</li> </ul>	<p>The Bidder to provide customer reference letter, <b>complete TABLE1</b></p> <p><b>Proof Required:</b> Reference letters on client's letterhead or Completion certificate.</p>	
<b>Points (10)</b>		
<b>2. SUPPLY OF DATA NETWORK RACKS AND BUILDING OF AISLE AIR CONTAINMENT</b>		
<p><b>Experience of resources in the installation of Data Centre network racks and building of Aisle Air containment solution.</b></p> <ul style="list-style-type: none"> <li>• Less than 1 year of experience (0)</li> <li>• 1 to 2 years of experience (2)</li> <li>• 3 to 4 years of experience (3)</li> <li>• 5 years of experience (4)</li> <li>• 5&gt; years of experience (5)</li> </ul>	<p>Project dedicated Condensed CVs showing experience in installation of network racks with Aisle Air containment.</p>	

<b>Points (5)</b>		
<b>3. DATA CENTER STRUCTURED DATA NETWORK CABLING (FIBER AND COPPER)</b>		
<p><b>Data Centre Structured Data Network Cabling:</b></p> <p>The bidder to state the number of clients that they have provided structured data cabling services. Current project to be considered as well.</p> <ul style="list-style-type: none"> <li>• Zero clients (0)</li> <li>• 1-2 clients (5)</li> <li>• 3-4 clients (7)</li> <li>• 5 or more clients (10)</li> </ul>	<p>The Bidder to provide the customer reference letter, <b>complete TABLE 2</b></p> <p><b>Proof Required:</b> Reference letters on client's letterhead or Completion certificate signed by both parties.</p>	
<p><b>Qualified and certified resources (project lead technician) in data Centre structured cabling:</b></p> <ul style="list-style-type: none"> <li>• 0 -1 Years of experience (2)</li> <li>• 2 Years of experience (3)</li> <li>• 3 Years of experience (5)</li> </ul>	<p>Project dedicated condensed CVs showing experience and certifications i.e. FOA, CFOT or equivalent.</p>	
<b>Points (15)</b>		
<b>4. DATA CENTER INFRASTRUCTURE MONITORING (DCIM) SYSTEM</b>		
<p><b>Track record on DCIM system implementation:</b></p> <p>The bidder must provide references implementations on DCIM solutions and associated inter-racks accessories.</p> <ul style="list-style-type: none"> <li>• 0 – References (0)</li> <li>• 1-2 References (3)</li> <li>• 3-5 References (5)</li> <li>• 5 or more references (10)</li> </ul>	<p>The Bidder to provide the customer reference letter, <b>complete TABLE3</b></p> <p><b>Proof Required:</b> Reference letters on client's letterhead or Completion certificate signed by both parties.</p>	
<p><b>Suitably experienced resources on the DCIM solution provided by the bidder (technical lead):</b></p> <ul style="list-style-type: none"> <li>• Less than 1 year of experience (0)</li> <li>• 1 to 2 years of experience (2)</li> <li>• 3 to 4 years of experience (3)</li> <li>• 5 years of experience (4)</li> <li>• 5&gt; years of experience (5)</li> </ul>	<p>Project dedicated condensed CVs showing experience in DCIM solutions.</p>	

<p><b>The bidder shall provide on-prem solution and state if the solution can also run in the cloud:</b></p> <ul style="list-style-type: none"> <li>• On-prem solution provided (3)</li> <li>• Hybrid (both on prem and cloud) solutions provided (5)</li> </ul>	<ul style="list-style-type: none"> <li>• On Prem topology design/diagram</li> <li>• Cloud architecture and on-prem topology design/diagram.</li> <li>• Datasheet of the product is provided.</li> </ul>	
<p><b>Points (20)</b></p>		
<p><b>5. PROJECT MANAGEMENT</b></p>		
<p><b>Track record dedicated qualified/certified Project Manager and list of Datacentre projects implemented:</b></p> <p>With regards to Datacentre project implementation/s</p> <ul style="list-style-type: none"> <li>• Less than two projects (1)</li> <li>• 2 Projects (3)</li> <li>• 3-5 Projects (5)</li> <li>• More than 5 Projects (10)</li> </ul>	<p>Condensed CV, indicating the list of projects completed with references.</p>	

<b>Points (10)</b>		
<b>6. ARCHITECTURAL DESIGN</b>		
<p><b>Architecture logical diagram depicting overall Solution:</b></p> <ul style="list-style-type: none"> <li>(i) Racks layout as per the floor plan</li> <li>(ii) Air containment (cold aisle) diagram</li> <li>(iii) Power distributed topology component function and descriptions</li> <li>(iv) Reflects power redundant and multi-path connection for Tier III Certification</li> <li>(v) Reflects DCIM system integration</li> </ul> <p>Architecture depicts all the deliverables and solution topology including a clear racks layout as per the floor plan. (10)</p> <p>Architecture depicts all the deliverables and solution topology including a clear racks layout as per the floor plan (at least 4 points addressed) (5)</p> <p>Architecture represents less than four of the deliverable elements (0)</p>	<p>Topology diagrams, and Datasheet</p>	
<b>Points (10)</b>		
<b>TOTAL POINTS: 70</b>		

**Table 1: Functional Criteria**

*The total minimum qualifying functional score is 42 points.*

**24. Risk assessment**

All bids that pass the technical evaluation in 22 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	

Financially and operational sustainability of the Bidder	
Any other information that Sentech may deem important	

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
<b>Total must equal:</b>	<b>100</b>	<b>100</b>

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	10	5	A valid BBBEE Certificate showing at least 51% black ownership
	5	3	A valid BBBEE Certificate showing at least 25.1 – 50% black ownership
	3	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)	8	4	A valid BBBEE Certificate showing at least 51% women ownership
	4	2	A valid BBBEE Certificate showing at least 25.1 – 50% women ownership
	2	1	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
<b>Total Points</b>	<b>20</b>	<b>10</b>	

**27. Price Calculation 80/20**

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

$$P_s = 80 \left[ \frac{1 - (P_t - P_{min})}{P_{min}} \right]$$

Where:

- P<sub>s</sub> = Points scored for price of bid under consideration
- P<sub>t</sub> = Rand value of bid under consideration
- P<sub>min</sub> = Rand value of lowest acceptable bid

**28. Price Calculation 90/10**

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

$$P_s = 90 \left[ \frac{1 - (P_t - P_{min})}{P_{min}} \right]$$

Where:

- P<sub>s</sub> = Points scored for price of bid under consideration
- P<sub>t</sub> = Rand value of bid under consideration
- P<sub>min</sub> = 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 no.	Contractual commencement date	Contractual completion date
1					
2					
3					
4					

5						
6						
7						
8						
9						

10						
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**TABLE 2: REFERENCES**

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

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

<b>3</b>						
<b>4</b>						
<b>5</b>						
<b>6</b>						
<b>7</b>						

<b>8</b>						
<b>9</b>						
<b>10</b>						

**TABLE 3: REFERENCES**

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

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

4						
5						
6						
7						
8						

9						
10						