

CONTRACT DATA

**A contract between
SENTECH, Sender Technology Park, Radiokop, Octave Road, Honeydew,
and**

**APPOINTMENT OF A SERVICE PROVIDER FOR THE SUPPLY AND INSTALLATION OF
LOW VOLTAGE RETICULATION AND DISTRIBUTION BOARDS AT NASREC FACILITY**

Bid Number: SENT-048-2023-24

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PART C1: AGREEMENTS AND CONTRACT DATA –

Form of Offer and Acceptance Offer

Sentech, identified in the acceptance signature block, has solicited offers to enter into a contract for the Appointment of a service provider for the supply and installation of low voltage reticulation and distribution boards at Nasrec facility

The Bidder, identified in the offer signature block, has examined the documents listed in the Tender Data and addenda thereto as listed in the Bid schedules, and by submitting this offer has accepted the conditions of the Bid.

By the representative of the Bidder, deemed to be duly authorized, signing this part of this form of offer and acceptance, the Bidder offers to perform all of the obligations and liabilities of the Bidder under the Contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the Contract Data.

THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF APPLICABLE TAXES; (in the Bids applicable currency).

_____ (amount in words);

_____ (amount in figures)

NB: The Prices quoted above is the total Bid offer inclusive of all applicable taxes for the Contract duration. The price must be carried over from the price breakdown / schedule of rates provided in the Bid document.

This offer may be accepted by Sentech by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the Bidder before the end of the period of validity stated in the Tender Data, whereupon the Bidder becomes the party named as the Bidder in the conditions of contract identified in the Contract Data.

Bidder's Signature(s) _____

Signed by the Bidder at _____ **on this the** _____ **day of** _____ **20** _____

Name(s) _____

Capacity _____

Address (Domicillium)

Acceptance

By signing this part of this form of offer and acceptance, Sentech accepts the Bidder's offer. In consideration thereof, Sentech shall pay the Bidder the amount due in accordance with the conditions of contract identified in the Contract Data. Acceptance of the Bidder's offer by the signature by Sentech shall form an agreement between Sentech and the Bidder upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1 Agreements and contract data, (which includes this agreement)

Part C2 Pricing data

Part C3 Scope of work.

and drawings and documents or parts thereof, which may be incorporated by reference into Parts C1 to C3 above.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto as listed in the Bid schedules as well as any changes to the terms of the offer agreed by the Bidder and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this agreement. No amendments to or deviations from the said documents are valid unless contained in this schedule of deviations.

Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Sentech's Signature(s) _____

Signed by Sentech at _____ **on this the** _____ **day of** _____ **20** _____

Name(s) _____

Designation _____

SENTECH SOC LIMITED,
Sender Technology Park
Octave Road, Radiokop
Honeydew
Johannesburg

Date _____

Upon acceptance by Sentech of the Bidder's offer, a contract will come into existence.

SCHEDULE OF DEVIATIONS

Notes:

- 1 The extent of deviations from the Bid documents issued by the Sentech before the Bid closing date is limited to those permitted in terms of the conditions of Bid.
- 2 A Bidder's covering letter shall not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, become the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.
- 3 Any other matter arises from the process of offer and acceptance either as a confirmation, clarification or change to the Bid documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here.
- 4 Any change or addition to the Bid documents arising from the above agreements and recorded here shall also be incorporated into the Contract.

1. **Subject** _____

Details _____

2. **Subject** _____

Details _____

3. **Subject** _____

Details _____

4. **Subject** _____

Details _____

By the duly authorised representatives signing this schedule of deviations, Sentech and the Bidder agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the Tender Data and addenda thereto as listed in the Bid schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Bidder and Sentech during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the Bid documents and the receipt by the Bidder of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

Contract Data

Part one - Data provided by Sentech given in all contracts

1. The *Purchaser* is

SENTECH SOC LIMITED,

Sender Technology Park
Octave Road
Radiokop
Honeydew
Johannesburg

2. **General**

The National Treasury General Conditions of Contract for goods and services (NT GCC, 2010) or General Conditions of Contract for Works (2015) as issued by National Treasury and the Construction Industry Development Board of the Republic of South Africa apply, respectively.

The goods are specified in the Scope of Work. The Special Conditions of Contract (SCC) are stipulated in the Tender Data.

3. **Goods information:**

The *Goods Information* is in the document called "Scope of Work" and in the documents and drawings referred to by it.

4. **Terms of Delivery**

The *Terms of Delivery* are contained in the General Conditions of Contract (GCC) and Special Conditions of Contract.

5. **Language**

The *language* of this contract is English.

6. **Governing Laws and Jurisdiction**

The Contract shall be governed by and interpreted according to the laws of the Republic of South Africa.

In the event of a conflict between or inconsistency in the laws applicable in the various provinces of the Republic of South Africa, the law as applied and interpreted in the Gauteng Province shall prevail.

The parties irrevocably submit to the exclusive jurisdiction of the South Gauteng High Court, Johannesburg in respect of any action or proceeding arising from this Bid.

This Bid and all contracts emanating there from will be subject to the General Conditions of Contract issued in accordance with Treasury Regulation 16A published in terms of the Public Finance Management Act, 1999 (Act 1 of 1999). The Special Conditions of Contract are supplementary to that of the General Conditions of Contract. Where, however, the SCC are in conflict with the GCC, the SCC shall prevail.

7. **Sub-contracting post award**

No subcontracting allowed for these services.

8. **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 shall 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.

9. Warranty

The warranty period is 12 months after Delivery.

10. Payment

The method and conditions of payment are contained in the Tender Data, GCC and SCC.

The interest on late payment is 0 % per complete week of delay.

11. Currency

South African registered businesses that purchase equipment overseas and quote in foreign currency will be required to provide Sentech a 6-month forward cover contract on appointment. The 6 months forward cover will be re-negotiated and renewed every 6 months should the contract term on this tender be longer than 6 months.

12. General - Prices

Unless approval has been obtained from Sentech, no adjustment in contract prices will be made.

Applications for price adjustment must be accompanied by documentary evidence in support of any adjustment.

13. Price Negotiations

Sentech reserves the right to negotiate market related prices. If market-related prices are not agreed to, Sentech reserves the right to cancel the Bid.

14. Liabilities indemnities and insurance

Insurance is required from the Bidder in respect of delivery and transportation where applicable.

15. Disputes

Should any dispute, disagreement or claim arise between the parties ("the dispute") concerning this Agreement, the parties shall try to resolve the dispute by negotiation. This entails one party inviting the other party to meet and attempt to resolve the dispute within fourteen (14) days from the date of the written invitation.

If the dispute has not been resolved by such negotiation as referred to in this clause above, the Parties shall submit the dispute to the Arbitration Foundation of Southern Africa ("AFSA") for administered mediation, upon the terms set out by the AFSA secretariat.

Failing such resolution, the dispute shall be resolved by arbitration in accordance with the rules and procedures of AFSA by an arbitrator appointed by AFSA. Where the arbitration route is followed, the dispute must be adjudicated within Johannesburg in the English language and finally resolved in accordance with the rules of AFSA, by an arbitrator or arbitrators appointed by that Foundation.

The provisions of this clause shall not preclude any party from obtaining relief from a Court of competent jurisdiction. To this extent, the Parties hereby consent to the jurisdiction of the South Gauteng High Court, Johannesburg, South Africa. The provisions of this clause shall continue to be binding on the Parties, notwithstanding any termination or cancellation of this Agreement.

16. Termination

Sentech shall have the right, at its sole and exclusive discretion, upon written notice to the Bidder, to terminate this Agreement, in whole or in part should the Bidder fail to perform any of its obligations or deliver any deliverable timeously or should Sentech not be satisfied with the quality of any service/s in terms of this Agreement, to the satisfaction of Sentech.

Sentech shall furthermore have the right, as a result of such termination, to appoint a third party to perform the obligations of the Bidder in terms of the Agreement and the Bidder indemnifies Sentech against all costs incurred by Sentech in appointing such third party to fulfil the obligations of the Bidder.

Sentech shall have the right, at its sole and exclusive discretion, to terminate this Agreement, at any time, upon 30 (thirty) days' written notice to the Bidder.

17. Contract Term

This contract will be a period once-off service.

18. Supplier Due Diligence

Sentech reserves the right to conduct supplier due diligence at any time pre, during and post the contract period. This may include announced or unannounced site visits.

19. Cession

Sentech shall be entitled to cede, delegate, assign, charge, transfer or otherwise dispose of this Agreement or any rights or obligations therein in whole or in part, upon prior written notice to the Bidder.

20. Monitoring and Evaluation

The service delivery and performance of the Bidder will be monitored and evaluated by Sentech at all relevant times. In the event that the Bidder defaults in any manner or form, Sentech reserves the right to blacklist the Bidder on the National Treasury Database of Prohibited Suppliers and Tender Defaulters, and to take such further steps as may be warranted in the circumstances which steps shall be determined at Sentech's sole and exclusive discretion.

21. Protection of Personal Information Act No. 4 of 2013 ("POPI")

Sentech is POPI compliant and the Bidder will ensure that it conducts itself within the prescripts of the prescribed legislation.

Should Sentech need to collect Personal Information by law or in consideration of the Tender, and the Bidder fail to provide the Personal Information when requested, Sentech may refuse to accept the relevant services from the Bidder, and the Bidder will be notified in this event.

By agreeing to the terms of this Agreement, the Bidder voluntarily authorizes Sentech to process its' personal information (including its' name, credit card & banking details, physical address, telephone numbers, reference letters & any other information it has provided to Sentech) for purposes of Tendering and contracting.

The Bidder consents to the transfer of such personal information to third parties.

This consent is effective immediately and will endure until the relationship between the Bidder and Sentech has been terminated.

The Bidder indemnifies and holds Sentech harmless against any loss, whether direct or indirect, arising out of the failure to process any of its' personal data in accordance with applicable laws.

22. Delay damages

As stipulated in the Special Conditions of Contract.

Sentech's Representative is

Name: Mr. Zunaid Adams

Address: **SENTECH SOC LIMITED,**

Sender Technology Park

Octave Road,

Radiokop, Honeydew

Johannesburg

Tel No. 0114714400

Sentech's Representative is the Executive: Legal and Regulatory.

Contract Data

Part two - Data provided by the Bidder

Statements given in all contracts

The Bidder is:

Name _____ Address _____

a company / close corporation / partnership duly incorporated in accordance with the laws of the Republic of South Africa.

PART C2: PRICING DATA

Refer to scope of works for compiling bill of materials.

PART C3: SCOPE OF WORK SENTECH'S GOODS INFORMATION

1. TECHNICAL REQUIREMENTS

1.1. Glossary of Terms

Alternating Current	AC
British Standard	BS
Certificate of Compliance	COC
Contract Price Adjustment	CPA
Control and Management System	CMS
Direct Current	DC
Distribution Board	DB
Environmental Impact Assessment	EIA
International Electro-Technical Commission	IEC
Ingress Protection	IP
Kilo Volt-Ampere	kVA
Low Voltage	LV
Miniature Circuit Breaker	MCB
Medium Voltage	MV
New Registration System	NRS
Point of Connection	POC
PolyVinyl Chloride	PVC
Sender Technology Park	STP
South African National Standards	SANS
Steel Wire armoured	SWA
The Main Contractor on Site	Main Contractor
The contractor responsible for the electrical installation on site	Electrical contractor

2. SCOPE OF WORK

The scope of this project is for the installation of low voltage reticulation and 4 x Distribution Boards and Electrical reticulation in the Data centre and Generator room at Nasrec Transmitter Station.

DATA CENTER

1. All work to comply with SANS 10142 - 1 (latest Revision).
2. Earthing to comply with Sentech earthing specification.
3. **No services to be cut without prior notification and permission.**
4. Use blankets to move the racks on the floor to protect the tiles.
5. Sentech will supply 4 x floor standing Distribution Boards.
6. Contractor to install these DBs in the position indicated on drawing No. NASREC/E/104.
7. Purchase, supply and Install a new 1 x 300mm wide medium duty Cable tray as indicated on the drawing No. NASREC/E/104. (100m).
8. Purchase, supply and Install a new 1 x 115mm wide medium duty Cable tray(extensions) as indicated on the drawing No. NASREC/E/104. (160m).
9. Purchase, supply and Install a new 64 x 115mm wide medium duty Cable dropper as indicated on drawing No. NASREC/E/104.(64m).
10. Purchase, supply and Install 17 x 5ft open channel Double T8 LED Tubes 1530mm 2 x 28W, white light fitting.
11. Purchase, supply and Install 2 x single lever light switch.
12. Purchase, supply and Install flat Twin+E PVC Flexible cable for the lights.(200m)
13. Purchase and supply and install a 25 x 16 PVC trunking for lights.(35m)
14. Purchase, supply and Install 64 x 32 A 2-pole isolators inside the server racks (Colour of the cover to be blue).
15. Connect the dedicated kettle plug strip to the installed Isolators in all server racks.
16. Purchase, supply and Install a 2 x Tier power skirting AFFL as indicated on the drawing NASREC/E/101. (The power skirting to match existing).
17. Purchase, supply and Install 8 x 16 A switch socket outlets euro spec(16A-2)on the power skirting below the reception desk as per drawing no. NASREC/E101.
18. Purchase, supply and Install 8 x 16 A dedicated switch socket outlets on the power skirting as indicated on drawing no. NASREC/E101.

19. Purchase, supply and Install 2,5mm² GP wires, Black, Red and Green/Yellow earth for wiring SSO. (200m).
20. Purchase, supply and Install 6mm² - 3 Core Surfex cables from the newly installed DB to the server racks as indicated on drawing no. NASREC/E101. (2000)m.
21. Install the earthing system to all server racks. All Electronic circuits must have an earth resistance of $\leq 5\Omega$.

GENERATOR ROOM No.1

22. Purchase and supply 3 x 150mm²- 4C PVC SWA cable and 3 x 150mm² earth conductor.(45m)
23. Install the purchased 3 x 150mm²- 4C PVC SWA cable and 3 x 150mm² earth conductor between the newly installed 630kVA Genset 1; control panel and DB-1A.

GENERATOR ROOM No.2

24. Purchase and supply 3 x 150mm²- 4C PVC SWA cable and 3 x 150mm² earth conductor.(45m)
25. Install the purchased 3 x 150mm²- 4C PVC SWA cable and 3 x 150mm² earth conductor between the newly installed 630kVA Genset 2; control panel and DB-1B

UPS Room No.1

26. Purchase and supply 2 x 120mm²- 4C PVC SWA cable 2 x 120mm² earth conductor. (55m).
27. Install the purchased 2 x 120mm²- 4C PVC SWA cable 2 x 120mm² earth conductor between DB-1A and DB-13A in the data centre.(110m).
28. Purchase and supply 2 x 120mm²- 4C PVC SWA cable 2 x 120mm² earth conductor. (55m).
29. Install the purchased 2 x 120mm²- 4C PVC SWA cable 2 x 120mm² earth conductor between DB-1A and DB-13C in the data centre.

UPS Room No.2

30. Purchase and supply 2 x 120mm²- 4C PVC SWA cable 2 x 120mm² earth conductor. (55m).
31. Install the purchased 2 x 120mm²- 4C PVC SWA cable 2 x 120mm² earth conductor between DB-1A and DB-13B in the data centre.(110m).
32. Purchase and supply 2 x 120mm²- 4C PVC SWA cable 2 x 120mm² earth conductor. (55m).
33. Install the purchased 2 x 120mm²- 4C PVC SWA cable 2 x 120mm² earth conductor between DB-1B and DB-13D in the data centre.

AC UNIT

34. Purchase and supply 2 x 95mm²- 4C PVC SWA cable 2 x 95mm² earth conductor. (24m).
35. Install the purchased 2 x 95mm²- 4C PVC SWA cable 2 x 95mm² earth conductor between DB-13A/B and AC DB outside the data centre.
36. Purchase, supply and Install 6mm² - 3 Core Surfex cables from the newly installed DB to the server racks as indicated on drawing no. NASREC/E101. (2000)m.

Earthing

1. Install 25 x 3mm bare copper tape from the newly installed DBs to all the installed cable trays and server racks.
2. Install 25 x 3mm bare copper tape from STG to the control panel.
3. Install a 70mm² flexible jumper between the base frame and the sub frame of the STG

4. Tin all bolted connections between copper and steel over full contact area (minimum 25mm x 50mm rectangle) with 40/60 solder.
5. Use copper-flow welding rods for joining copper-to-copper connections.

General

1. Contractor to include a R 170 000,00 Contingency for additional requirements and installation work. This amount must be specified separately in the breakdown of the quotation and will be managed by the project Engineer/ Manager.
2. Contractor to compile, supply and issue a safety file. The safety file must be approved well in advance before work may commence on site.
3. All equipment to be connected and checked for rotation.
4. All holes through walls where cable trays/ladder pass through to be closed off with fire stopping material.
5. All cable tray, droppers, riser's cantilevers, etc. to be powder coated Electric orange unless otherwise stated.
6. Contractor must work in close corporation with transmitter installation team and local Sentech staff.
7. Use copper-flow welding rods for joining copper-to-copper connections. Tin all bolted connections between copper and steel over full contact area (minimum 50mm x 50mm square) with 40/60 solder.
8. All work areas to be cleaned up and left in a tidy condition.
9. All waste materials to be suitably disposed of, and not left strewn about site.
10. Project Engineer to be given suitable advance notice to attend to commissioning prior to contractor leaving site.
11. All snag list work to be carried out before Contractor vacates site.
12. Contractor to issue a schedule of works in order to arrange simultaneous installations for STG contractor, etc.
13. Contractor to issue Certificate of Compliance to Electrical Designer upon completion of works.
14. Project Engineer to be given suitable advance notice to attend to commissioning prior to contractor leaving site. All snag list work to be carried out before Contractor vacates site.
15. Contractor to issue a schedule of works in order to give required notice and obtain permission to cut transmission services as and when required

3. Requirements

3.1. Information to Bidders

DRAWINGS/DOCUMENTS TO BE PROVIDED TO THE SUPPLIER

- MAIN DB SINGLE LINE DIAGRAM
- MAIN DB GENERAL ARRANGEMENT
- ELECTRICAL RETICULATION DRAWINGS

*Please note, drawings will be issued on the day of briefing.