

TENDER DATA

Project title:	Appointment of a Supplier/s to supply and support Broadcasting Transmitters and OFR's covering DVB-T2, T2 lite, DAB+, 5G Broadcasting and T-DMB [1W to 20kW as applicable per category] on a 3-year supply contract as and when required.
Bid no:	SENT-031-2023-24

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's intention with this tender is to appoint supplier/s to supply and support Broadcasting Transmitters and OFR's covering DVB-T2, T2 lite, DAB+, 5G Broadcasting and T-DMB [1W to 20kW as applicable per category]. SENTECH will appoint supplier/s through this open tender process to supply the equipment for a period of three (3) years from date of appointment. The successful supplier/s will receive orders to supply the Equipment as and when required. The required equipment is described in the Scope of Work of the Supply Contract document.

2. SUBMISSION OF BIDS and CLOSING

This Bid closes at the stipulated date and time as stated in SBD 1 Notice and Invitation to Bid. Bids must be submitted by hand to the Bid Administrator at SENTECH, Octave Road, Radiokop Ext 3, Honeydew, Johannesburg.

Bidders that choose to submit their bid documents before the closing date and time may do so during working hours only (08:30-15:30).

It is the Bidder's responsibility to ensure that their bid submissions reach the Bid Administrator before the bid closing time as no late submissions will be accepted.

Telegraphic, telephonic, telex, facsimile, e-mail and late Bids will not be accepted. Proposals may be opened in public. Bidders will be advised of the outcome by letter, facsimile or e-mail.

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:

Envelope One "Original Technical Proposal" and one "Copy of 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).

No Financial Information must be included in Envelope 1.

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.

Bidders are required to place the sealed **Envelope 1** together **with** the sealed **Envelope 2** 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: SENT/TVTX/001/2023**

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

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

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.

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.

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.

Late submissions will not be considered.

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.

Only original 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. 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.

6. ADMINISTRATIVE RESPONSIVENESS CRITERIA

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

7. BBBEE CODES AT SENTECH

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

8. Pre-qualification criteria

With the objective of advancing designated groups, the Bidding condition applicable to this Bid is N/A or below B-BBEE as contemplated in PPPFA regulations, 2017 sub regulation 4(1). A Bidder must provide documentary evidence to support their compliance with this prequalification criteria.. A Bidder that fails to meet any pre-qualifying criteria stipulated in this Bid document is an unacceptable Bid.

9. Subcontracting as a condition of Bid

Since this is a Tender for the supply of goods, there will be no subcontracting required, as goods will be supplied by International Bidders as complete units.

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?		No No
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

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. 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.

14. 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.

15. BID EVALUATION METHOD

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

<p>90/10 system will be followed for Technical and Price offer</p>	<ol style="list-style-type: none"> 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 All proposals that qualify based on administrative responsiveness requirements will be evaluated against the Mandatory Evaluation Criteria set out in Section 18.1 to qualify for further evaluation. Functional Criteria: Only the Bidders that complied in full of ALL the Mandatory Criteria will be scored against the functional evaluation criteria set out in Section 18.2 below. Tenderers that score 100 points or more out of the possible 125 points will be evaluated further. Tenderers who fail to score the minimum required points or fail to present proof and reference to the criteria will not be evaluated further. 3. Stage 3: Risk Assessment All the proposals that are fully compliant to the Mandatory Technical Criteria and score the minimum required score in the Functional evaluation must undergo a Risk Assessment (Described in 18.3). Qualifying Bidders will be evaluated on Price and Preference (Envelope 2) 4. Stage 4 – 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.
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16. 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.

16.1. 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.

16.2. TERMINATION

Sentech reserves the right to terminate or cancel the tender at any time before the appointment of the winning bidder/s based on reasons not limited to the listed below:

- Goods or services specified in the tender invitation are no longer required.
- Budgetary constraints limiting Sentech to cover the costs of the expenditure.
- No acceptable tender offerings have been received.
- There is a material irregularity in the tender process.

17. TECHNICAL RESPONSIVENESS COMPLIANCE

The Technical Evaluation will encompass evaluation of:

- Mandatory Criteria
- Functional Criteria
- Risk Assessment

To be compliant Tenderers must comply with the mandatory criteria in 18.1, table 1 and/or table 2 and score 100 points or higher out of a possible 125 points of the points available below in table 3 functional criteria.

Bidders should indicate if they are offering only Low Power Transmitters and Transposers/On Frequency Repeaters or only High-Power Transmitters.

Offered Equipment	Yes/NO
Low Power Transmitters and Transposers / On Frequency Repeaters	
High-Power Transmitters	

18. TECHNICAL EVALUATION CRITERIA

The following criteria is mandatory to ALL BIDDERS:

The Mandatory Technical Criteria will be evaluated according to the Technical Specification. A full description of the Technical Specification can be found in Document B of the Contract data, Part C3.

Technical standards applicable to tendered equipment.

Technical Standards.			
The Type of equipment offered in response to this Tender must be compliant with the following standards: Yes/NO			
1	Digital TV – EN 302 755, TS 102 773, TR101 290		
2	DAB+ - EN 300 401 V2.1.1 (2017-01)		
3	T-DMB - EN 300 401 V2.1.1 (2017-01)		
4	5G Broadcast System - TS 103 720 (Bidders must indicate their equipment readiness to deliver this standard)		

18.1 Mandatory Eligibility Criteria

The following criteria are mandatory to ALL BIDDERS. Bidders that do not comply with all the listed criteria and who do not present sufficient proof of compliance will not be eligible to be evaluated further. Sufficient proof MUST include Manuals (One of each, High Power-, Low Power transmitters and OFR's), Test reports and any other information which can be proofed by the supplier. In the document below, compliance must be shown by a clear YES or NO, furthermore, the documentation where to find the reference page, MUST be CLEAR numbers MUST be stated. If Reference documentation are found to be unclear, compliance will be NO.

No.	Mandatory Technical Criteria (Low Power)	Compliant Yes or No	(Indicate page number)	Reference documentation supplied (Reference number)
1.	Digital TV (DVB-T2 and T2 Lite).			
a	Frequency Ranges: UHF (470 – 700MHz)			
b	Channel width 8MHz.			
c	Shoulder Attenuation at rated RF output power ≥ 37 dB.			
d	Modulation Error Ratio (MER) at rated RF output power > 33 dB.			
e	On Frequency Repeater Echo Cancellation, ≥ 20 dB.			
f	PLP's ≥ 8 per Mux. State the maximum number of PLPs per Mux possible			
g	Adaptive pre-correction			
2.	General			
a	Seamless automatic switching			
b	VSWR: A level of 1.33:1 must be possible, this value can either be a ratio of Forward vs Reflected power or as a set value of nominal Output Power.			
c	Adaptive Digital Pre-correction must be included as standard with each type of transmitter offered and be fully described in the bid response.			
d	Bidders must provide a representative 'proof of performance' report with their bid for each type of transmitter offered.			
e	Single IP port per transmitter to reach all units in transmitter			
f	Only a single IP address per transmitter or group of transmitters in one rack			
g	Priority switching on baseband inputs, ASI/ETI, with the option to allocate default primary input as preferred by operator. In case of primary feed failure, exciter switch to secondary feed, and restore to primary feed after restoration of primary input.			
h	NTP functionality.			
i	Full Remote user control functionality through web browser, Including back-up functionality			
j	User friendly firmware upgrade capability. (No TELNET or FTP)			
k	Units must be able to work as OFR's and transposers without any hardware changes.			
l	Impedance: ASI/T2MI = 75 ohm; RF = 50 ohm.			

3.	Environmental and Safety		
a	Electrical Supply: 230V 50Hz		
b	Altitude: up to 2800m above sea level.		
c	Ambient Temperature: Up to 45°C.		
d	Relative Humidity: 0 – 90% non-condensing.		
e	Mechanical: 19" rackmount.		
f	Safety: No exposed contacts containing harmful voltages.		

Table 1: Low Power Equipment

NOTE: Bidders that does not comply with all the above criteria or do not present sufficient proof of compliance WILL NOT BE eligible to be evaluated further.

No.	Table 2 - Mandatory Technical Criteria (High Power)	Compliant (Indicate Yes or No)	Reference documentation supplied (Reference page number)
1.	Digital TV (DVB-T2 and T2 Lite).		
a	Frequency Ranges: UHF (470 – 700MHz)		
b	Channel width 8MHz.		
c	Shoulder Attenuation at rated RF output power ≥ 37 dB.		
d	Modulation Error Ratio (MER) at rated RF output power > 33 dB.		
e	PLP's ≥ 8 per Mux. State the maximum number of PLPs per Mux possible		
2.	General (Applicable to all technologies)		
a	Seamless automatic switching		
b	RF harmonics and out of band radiation: ≤ -60 dB of the fundamental. Bidder to specify the band pass filter to meet this requirement (if applicable) and price it as an option.		
c	VSWR: A level of 1.33:1 must be possible, this value can either be a ratio of Forward vs Reflected power or as a set value of nominal Output Power. {State your VSWR rating of your equipment and this will be discussed during evaluation}		
d	Adaptive Digital Pre-correction must be included as standard with each type of transmitter offered and be fully described in the bid response.		
e	Bidders must provide a representative 'proof of performance' report on offered equipment.		
f	Single IP port per transmitter to reach all units in transmitter		
g	Only a single port and one IP address per transmitter or group of transmitters in one rack		
h	Priority switching on baseband inputs, ASI/ETI, with the option to allocate default primary input as preferred by operator. In case of primary feed failure, exciter switch to secondary feed, and restore to primary feed after restoration of primary input. Priority switching between EDI and ETI Priority switching between ASI and IP inputs.		
i	NTP functionality.		
j	Full Remote user control functionality through web browser, Including back-up functionality		
k	All modules controlled/set-up by control unit.		
l	User friendly firmware upgrade capability. (No TELNET or FTP)		

m	In case of Control Unit failure, will the transmitter stay on air? Give an explanation in detail.		
n	Top - and bottom entry for mains cable and cooling pipes (where applicable) should be easily selectable/changed without replacing components		
o	Impedance: ASI/T2MI = 75 ohm; RF = 50 ohm.		
3.	Environmental and Safety		
a	Electrical Supply: 230V 50Hz single phase or 400V 50Hz three-phase with protection against over-voltage and over-current.		
b	A single mains supply into each cabinet, with mains power isolator switch, accessible from the outside of the cabinet.		
c	Altitude: up to 2800m above sea level.		
d	Ambient Temperature: Up to 45°C.		
e	Relative Humidity: 0 – 90% non-condensing.		
f	Mechanical: 19" rackmount.		
g	Safety: No exposed contacts containing harmful voltages.		
h	External RF safety interlock facility.		

Table 2: High Power Equipment

NOTE: Bidders that does not comply with all the above criteria or do not present sufficient proof of compliance WILL NOT BE eligible to be evaluated further.

18.2 Functional Criteria

Since functionality is predominantly a measure of how to operate and maintain the equipment throughout the lifespan of the equipment, Sentech needs to choose the most suitable for our environment and operational requirement.

Awarding of points:

- Sentech will award 90% of the allocated points to bidders that prove to supply the minimum requirement.
- Bidders who only deliver partially to the criteria, will only receive 50% of allocated points.
- Bidders who fail to deliver the minimum requirement will be awarded 0% of allocated points.
- Innovative methods will be awarded 100% of allocated points.

No.	Table 3 - Functionality Criteria	Maximum points	Reference documentation supplied (Reference page number)
1.	In-Band/Out-of-Band RF Performance RF harmonics and out of band radiation: $\leq -60\text{dB}$ (1mW) of the fundamental. This specification relates to a 1kW transmitter. Bidders need to specify, in table form, the RF harmonics and out of band radiation of each transmitter power offered in this tender. Bidder to specify the different band pass filters to meet this requirement (if applicable) and price it as an option to offered equipment.	15	
2.	Monitoring and Control. All parameters necessary for local and remote operation of the transmitter shall be displayed and accessible in an effective and user-friendly manner. This shall include operation via Web Browser and SNMP (v2 or higher). This shall include all MIB files with OID's necessary to monitor and control the transmitter. Since transmitters will be installed on unmanned sites, preference will be given to equipment that are fully remote controllable via a single IP address web interface. SW upgrades, web interface and configuration back-up functionalities should be user friendly. User friendly front panel displays and controls. Suppliers need to explain monitoring and control of their equipment.	20	
3.	Inputs and Switching. Each transmitter offered shall have two ASI and IP baseband inputs. User-selectable manual or automatic switching between these inputs must be available on the equipment and operation must be fully described in the offer. IP (GbE) inputs must be fully described and offered as a separately priced option. 10 MHz and 1 PPS inputs for SFN operation.	10	
4.	Energy Efficiency. The equipment shall make use of solid-state amplification technology. State the efficiency of equipment in table form for offered equipment.	20	
5.	Cooling. Effective and energy-efficient air cooling and liquid cooling technology. Bidders shall provide heat balance details for each system offered, including heat exchanger sizes (Dimensions - Heat exchanger's manufacturers' specifications), for various transmitter powers and a short description of cooling system. Bid responses must prove that systems will operate within specification under any combination of the environmental conditions specified in 18.1.	15	

6.	Handbooks and Documentation. Supply manuals (hard copies & soft copies) of offered equipment. All parts of the offered systems shall be fully described in English in the documentation supplied with every system. This must fully describe every aspect of the transmitter design (including liquid cooling systems), set-up, operation, troubleshooting and factory commissioning report. Detailed circuit diagrams and component layouts of all repairable modules must be supplied.	10	
7.	Service and Support. Bidders shall provide proof of local support (in South Africa), their planned spares-holding and repair capability within and outside warranty. Preference will be given to an equipped local service centre. Within warranty a turn-around time (repair or replace) of at most 72 hours after fault notification shall be adhered to. Spare modules shall be available for the duration of the economic life of the equipment. Spare modules will be purchased from the supplier on an as and when required basis.	20	
8.	Warranty. A warranty of at least 24 months shall be offered.	15	
Total		125	

Functionality Criteria - Scoring Matrix	100	90	50	0
<i>In-Band/Out-of-Band RF Performance</i>	15	13,5	7,5	0
<i>Monitoring and Control</i>	20	18	10	0
<i>Inputs and Switching</i>	10	9	5	0
<i>Energy Efficiency</i>	20	18	10	0
<i>Cooling</i>	15	13,5	7,5	0
<i>Handbooks and Documentation</i>	10	9	5	0
<i>Service and Support</i>	20	18	10	0
<i>Warranty</i>	15	13,5	7,5	0
Total	125	112,5	62,5	0

Total minimum qualifying functional score is 100 points. A Bidder must score more than 0 points in each criterion to be evaluated further.

18.3 Risk Assessment

For Sentech to complete the Technical evaluation, Sentech will undergo factory visits to the shortlisted Bidders (OEM's) that qualify during the Mandatory Technical Criteria and score 100 points in the Functional Criteria. The risk assessment will be in the form of a factory visit based on the following criteria:

- Any aspects that emanate from the bidders' individual responses during evaluation
- Any information received from past references

- Testing of offered equipment against specifications as set out in Contract Data.
- Verification of manufacturing plant, including design, manufacturing of transmitter components, modules, and other ancillary items as needed in the transmitters.
- Quality control of manufactured units as described above
- Proof/discussion of third-party involvement in manufacturing of specialised equipment, modules, etc. deemed necessary in the working of the transmitter, including their contingency plans.
- Discussions with OEM to indicate their Spares holding capabilities and their support
- Inspection of factory facilities to prove their capability to handle high quantity orders

For shortlisted bidders, there are two options:

18.3.1. Factory visit: - For the Bidders account (non-refundable). Including flights and accommodation for the delegates.

18.3.2. Bidder to send the following equipment to Sentech for evaluation:

- 1 x OFR
- 1x low power transmitter
- 1x medium power transmitter (Air Cooled)
- 1x high power transmitter (Air Cooled)
- 1 x high power Transmitter (Liquid Cooled)

Equipment must include a full set of documentation and installation requirements and instructions. Important detail describing configurations should be included for Sentech to objectively assess and test the equipment.

The costs of Shipping from the Factory, transport to and from Sentech stores will be for the account of the OEM. Such equipment must be made available to Sentech for a period of three months.

Note: - After the factory visit or evaluation of equipment, a comprehensive report will be produced, considering all the risks found during the testing of the equipment and inspection of the facilities. Sentech may disqualify Bidders based on the outcome of the report on the risk assessment.

OEMs are requested to assist the Sentech delegation in obtaining Visas.

19. 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).

The tender award may be split between 2 or more suppliers based on technology type and/or power category to allow participation by all Bidders including those who cannot offer the full range of technologies or the full power range (1W to 20kW).

20. Preference Point allocation – 90/10

Price / Preference	Weighting percentage
Preference:	10%
Price:	90 %
Total must equal:	100%

Sentech will award preference points as follows:

Goal	Points	Evidence required
Historically disadvantaged by unfair discrimination on the basis of Race	5	A valid BBEE Certificate showing at least 51% black ownership

Historically disadvantaged by unfair discrimination on the basis of Gender (women)	4	A valid BBBEE Certificate showing at least 30% women ownership
Historically disadvantaged by unfair discrimination on the basis of disability	1	A doctor's note confirming disability
Total Points	10	

21. Price Calculation 90/10

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

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

Where:

- P_s = Points scored for price of bid under consideration
 P_t = Rand value of bid under consideration
 P_{min} = Rand value of lowest acceptable bid

22. 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.	tel.	Contractual commencement date	Contractual completion date
1							
2							
3							
4							

5						
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Name of Tenderer	Signature	Date