

The service provider is required to supply and deliver **Split-type Air Conditioner x50 units** of high-efficiency split-type air conditioners. Note that **installation is excluded** from this EOI as it will be managed internally by the GIZ technical team.

## 1. Technical Specifications

The units must meet or exceed the performance and build quality of the following reference models:

- **Capacity:** Cooling (12,000 BTU) / Heating (13,000 BTU).
- **Energy efficiency:** cooling SEER 8.5
- **Technology:** Full DC Inverter system.
- **Electrical:** 220 – 240 V, 50Hz (Standard SA Grid).
- **Coil Protection:** Anti-corrosive coating on outdoor heat exchangers.

## 2. Sustainability & Legal Compliance

- **Refrigerant:** Must use **R290**. Units using R410A are strictly prohibited.
- **Energy Efficiency:** Minimum **Class A** rating as per SANS 941 standards.
- **Regulatory:** Bidders must provide a valid **NRCS Letter of Authority (LOA)** for the specific model offered.
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## 3. Mandatory Documentation

1. **Valid NRCS LOA Certificate** (Model specific).
2. **Detailed Technical Data Sheet** (confirming Inverter technology and refrigerant type).
3. **Warranty Confirmation** confirming that the 3-year compressor warranty remains valid under GIZ installation by qualified personnel
4. **Tax Compliance Status (TCS):** Valid PIN for SARS verification.
5. **CIPC**
6. **Company Profile**

## 5. Technical Compliance Checklist (For Bidders)

No.	Feature	Minimum Requirement	Bidder Offer (Specification)
1	<b>Inverter Tech</b>	Full DC Inverter	
2	<b>Cooling Cap</b>	12,000 BTU	
3	<b>Heating Cap</b>	13,000 BTU	
4	<b>Refrigerant</b>	R290	
5	<b>NRCS LOA</b>	Mandatory (Attach Copy)	
6	<b>Warranty</b>	3 Years (Compressor)	