

Quotation Notice No. IRTC/NP/ 01 /2025 – 26 Dated 04 – 12 – 2025

Quotations are invited from the manufactures / authorised distributors for the supply of the following item for the implementing the project under NON PLAN GRANT 2025 – 26.

Quotation should be sent to the following address : Registrar, IRTC, Mundur, Palakkad, Kerala – 678592, Phone 2832663, 2832324, 9188183296.

Last Date of Receipt : 10 – 12 – 2025. 5 pm

Sl. No	ITEMS
1	<p><b><u>Technical specification for 15 kW On Grid Solar System</u></b></p> <p><b>System Components</b></p> <ul style="list-style-type: none"> <li>• <b>Solar PV Modules :</b> 15 kW capacity monoperc bifacial panels suitable for continuous outdoor use with antireflective coating. make: Waaree/</li> <li>• <b>Inverter :</b> Grid type inverter suitable for 15 kW 3 phase system should comply with relevant IEC standards and have anti-islanding protection</li> <li>• <b>Mounting Structure:</b> Corrosion-resistant steel structure designed for rooftop installation, capable of withstanding wind loads and providing necessary tilt angles having walkways to access every panels for cleaning purpose</li> <li>• <b>Cabling and wiring :</b> All ac and dc cables used must be Poly cab or equivalent make</li> <li>• <b>UG Cable of 100-meter length suitable for On-grid connection from panels</b></li> <li>• <b>Protection Devices:</b> All ac and dc circuit protection devices must be of L&amp;T or equivalent make</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>Earthing and safety:</b> A robust earthing system with proper quality earthing rods is required along with lightning arrestor</li> </ul> <p><b>Performance and Compliance</b></p> <ul style="list-style-type: none"> <li>• The system must be net-metering compliant as per local/state electricity board regulations</li> <li>• All government permissions and local electricity board consent to be obtained by the supplier</li> </ul> <p><b>Eligibility and Documentation:</b></p> <ul style="list-style-type: none"> <li>• Tenderer should be a registered Government accredited agency having minimum 3 years of experience in rooftop solar installation</li> <li>• Submission of technical data sheets and test reports for solar modules and inverter</li> </ul> <p><b>Warranty</b></p> <ul style="list-style-type: none"> <li>• The complete system should be warranted for 5 years from the date of commissioning</li> <li>• Individual component warranty documents provided by the manufacturer shall be provided to the consumer and all possible assistance should be extended to the consumer for claiming the warranty from the manufacturer</li> </ul> <p><b>Operation and maintenance:</b></p> <ul style="list-style-type: none"> <li>• Five years comprehensive operation and maintenance including regular checking of healthiness of the system at proper intervals</li> </ul>
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*Alham*  
Registrar

Registrar  
Integrated Rural Technology Centre  
Mundur, Palakkad - 678 592  
Kerala

