

Indian Institute of Tropical Meteorology,  
Pashan, Pune – 411008

March 05, 2026

**Sub:** Minutes of the Pre-bid meeting for the “Supply, Installation and Commissioning of Sap Flow Sensor System” held on 05/03/2026 put up for Director approval

A Pre-bid meeting relating to the “Supply, Installation and Commissioning of Sap Flow Sensor System” was held on March 05, 2026, at 11:00 hrs. at IITM, Pune, through hybrid mode. The following members were present:

The Committee noted that the bid has been published for “Supply, Installation and Commissioning of Sap Flow Sensor System” vide Tender Notice No. PS/125/46/2025 dated 26-02-2026. The committee discussed the points of clarification requested by the bidder.

The pre-bid queries received by participating bidders were discussed in detail, and the responses were finalized by the committee and is placed at Annexure-I

The representatives of the following bidders attended the pre-bid meeting

- M/s DTPLENVIRO TECHSOLUTIONS Private Limited
- M/s Green Spectrum Technology Private Limited

No changes are made to the technical specification.

The queries received by the bidder and their responses were read out to the bidder.

Pre-bid Queries for “Supply, Installation and Commissioning of Sap Flow Sensor System” held on 05/03/2026			
M/s DTPLENVIRO TECHSOLUTIONS Private Limited			
Sr No.	Bidder Queries	Bid Document Terms	IITM Reply
1	Page 1 mentions a quantity of 32 sets, while page 58 states 24 sets. Please confirm the correct supply quantity.	TENDER DOCUMENT FOR Supply, Installation and Commissioning of Sap Flow Sensor System, Qty. 32 Sets	<b>Quantity is 32 Sets</b>
2	Page 58 lists a measurement range of -50 to +50 cm/hr; however, most trees exceed this limit of even over 100cm/hr. We recommend that the range be increased to accommodate values greater than 50 cm/hr. - 50 cm /hr to 100cm/hr or more.	Measurement Range -50 +50 cm/ hr	<b>No Change</b> <b>As per tender document</b>
3	On page 58, the cable length is listed as 60 meters. Given the risk of analogue signal degradation over that distance, even with the SDI-12 (Digital Signal) , it is always recommended to keep the Sensors Cable Length max. 25 to 30meter, Even 30meter is over 100feet, Please keep the Cable length as 25 to 30 meters.	Cable length 60 meter , weather resistant ,shielded cable	<b>No Change</b> <b>As per tender document</b>
4	On the Page No.58 “Scope of the Supply” it is mentioned that <u>“The sensor should be suitable for varying stem diameters (1cm to 100cm).”</u> , Most Sensors length are over 30mm long , all the two Sensor Needles have 2 or 3 Temperature Sensors on each Needle , even inserting needles and putting off one or two needles will not be able to measure the required Delt-Temperature and the Sap Flow	The sensor should be suitable for varying stem diameters (1cm to 100cm).	<b>No Change</b> <b>The specified 1 cm to 100 cm stem diameter range is a performance requirement, as the study includes small-diameter plants.</b>

	<p>Measurement would have maximum error possibilities as the Drift in Temperature measurement occurs. Hence, it is recommended always to take the measurement in the Stem girth over 10cm where in the Needles are sufficiently inside the Sap Wood of the Stem. Please make it to Sensors suitable for 10cm to 100cm.</p>		
<b>M/s Green Spectrum Technology Private Limited</b>			
	<p>The required warranty terms are 1 year basic warranty + additional 2 years extended warranty, followed by 5 years of AMC.</p> <p>However, in the current tender document it is mentioned that “warranty shall remain valid for 1 year + 1 year (extended) after the Goods. (Refer Page No. 24 warranty Section 2.20)</p> <p>In view of the above, we kindly request you to amend/clarify the tender document in accordance with the discussion held during the pre-bid meeting, so that we can submit our offer accordingly.</p>	<p>Unless otherwise specified in the SCC, the warranty shall remain valid for 1 year + 1 year (extended)</p> <p>after the Goods, or any portion thereof as the case may be, have been delivered to and accepted</p> <p>at the final destination indicated in the SCC, or for Thirty (30) months after the date of shipment</p> <p>from the port or place of loading in the country of origin, whichever period concludes earlier.</p>	<p><b>Warranty period is 01 year initial warranty + 01 year extended warranty</b></p> <p><b>AMC: 05 years after the expiry of the extended warranty period</b></p>