



**INDIAN INSTITUTE OF SCIENCE EDUCATION AND
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GST No.32AAAJI0299R1ZS

Date: 20 Jun 2023

**CORRIGENDUM RE- TENDER No
IISER/PUR/0090/AN/SE/23-24**

Sub: Supply Installation and Commissioning of Atmospheric Temperature Sensing System

Ref: Tender ID – 2023_IISRT_753492_1

Due to all the vendors being technically not qualified, the above-referred tender is retendered with revised technical specifications as per Annexure 1.

The new dates are as follows.

Due date of Tender: 04 Jul 2023 [1500 Hrs]

Date of opening of bids: 05 Jul 2023 [1530 Hrs]

All other Terms and Conditions remains same.

Thanking You,

Yours Faithfully



Deputy Registrar [P&S]

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Specifications for the retender for the atmospheric temperature sensing system

Sl. No	DESCRIPTION OF GOODS	UNIT	QTY	EST. COST (INR)	REMARKS (IF ANY)
1	ATMOSPHERIC TEMPERATURE SENSING SYSTEM		1		The atmospheric temperature sensing system should consist of two temperature probes, a datalogger and two radiation shields
	i. <u>Temperature probe</u>		2		
	<ul style="list-style-type: none"> ▪ Type: Resistance Temperature Detector ▪ Should be operable in an outdoor environment. ▪ Accuracy: ≤ 0.08 °C (within 0 to 50 °C temperature range). ISO 17025 certification must be provided by the vendor. ▪ Weight: less than 0.5 kg ▪ Operating temperature range: -40 °C to 60 °C (or a wider temperature range) ▪ Operating relative humidity range: 0 to 95 % (or better) ▪ Compatible with a datalogger for serial communication through Modbus RTU interface over RS-485 				
	ii. <u>Datalogger</u>		1		
	<ul style="list-style-type: none"> ▪ Output voltage range: 0 to 5 V ▪ Output current range: 0 to 20 mA ▪ Operating relative humidity range: 0 to 95% (or better) ▪ Weight: less than 2 kg ▪ Must support Modbus TCP/IP ▪ Connector: RJ45 ▪ The datalogger must be able to collect data simultaneously from the two temperature sensors mentioned above. 				



iii. Radiation shield

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- Should be compatible with the temperature sensors listed above.
- Should have sufficient ventilation.

iv. General conditions

- The vendor should submit documentary evidence along with the bid in the form of previous purchase orders of meteorological sensors sold in India to reputed institutes.
- The bid should contain the authorization from the manufacturer, technical details with make, model and specification of each components listed above along with their brochures and technical compliance statement.
- Payment will be made only after getting the approval from the concerned personnel at IISER Thiruvananthapuram for the data collection and smooth operation of the temperature sensing system.
- It should be mentioned clearly whether the costs mentioned are inclusive of taxes or not.



