

Office of the Principal, Rajiv Gandhi Institute of Technology,
Kottayam


SHORT TENDER NOTICE

No. D1/4622/20/RIT

Dated: 09.08.2021

Sealed tenders are invited for the supply of five number of Thin Foil Heat Flux Gauge for the use of Mechanical Engineering Department of Rajiv Gandhi Institute of Technology, Kottayam.

Sl.No	Tender No	Item
1	02/21-22/RIT	Five number of Thin Foil Heat Flux Gauge (Specifications attached)


PRINCIPAL
RAJIV GANDHI INSTITUTE OF TECHNOLOG.
VELLOOR P.O., KOTTAYAM
KERALA, PIN-688 501

Cost of tender form original	: ₹ 1062/- including GST 162/-
Cost of tender form duplicate By Post(Original)	: ₹ 590/- including GST : ₹1097/-(1062+35).
Last date and time of sale of tender form	: 27/09/2021, 03 pm
Last date and time of receipt of tender	: 28/09/2021, 11 am
Date and time of opening of tender	: 28/09/2021, 03 pm
Date up to which rates are to be firm	: 30/09/2022

Total Estimated cost- **₹3,00,000/-**

Intending tenderers may on application to the undersigned obtain the requisite tender form on which tenders are to be submitted. Application for the tender form should be accompanied by a remittance of above prices fixed for the same and which is non-refundable under any circumstances. The tender forms are not transferable. Cost of tender form is acceptable only by money order or cash remittance to this office. As per condition the tenderer should send along with his tender an agreement executed and signed in Kerala Stamp paper worth Rs.220/- and Earnest money deposit ,1%(Minimum amount ₹ 1500/-) of the total cost of articles tendered. Tenders without agreement, tender form and Earnest money deposit will be rejected.



Dr. Jalaja M J
Dr. Jalaja M J
PRINCIPAL
RAJIV GANDHI INSTITUTE OF TECHNOLOGY
VELLOOR P.O., KOTTAYAM
KERALA, PIN- 686 501

DETAILS OF ITEM TO BE SUPPLIED

Sl.No	Name of Equipment	Quantity required
1	<p><u>Thin Foil Heat Flux Gauge</u></p> <p>Sensor type foil heat flux sensor Measurement range (-10 to +10)x 10³ W/m² at heat sink temperature 20°C</p> <p>Sensitivity range (3 to 6)x10⁻⁶ V/(W/m²)</p> <p>Sensitivity (nominal) 4.5x 10⁻⁶ V/(W/m²)</p> <p>sensor length and width (50x 50)x 10⁻³ m</p> <p>Sensing area 6.9 x 10⁻⁴ m²</p> <p>Sensing area length and width (26x26.6) x 10⁻³m</p> <p>Passive guard area 18.1x 10⁻⁴ m²</p> <p>Guard width to thickness ratio 40 m/m</p> <p>Sensor thickness 0.6 x 10⁻³ m</p> <p>Sensor thermal resistance 24 x 10⁻⁴ K/(W/m²)</p> <p>Sensor Thermal conductivity 0.25 W/(m.K)</p> <p>Response time (95%) 6 s</p> <p>Sensor resistance range 50 to 100 Ω</p> <p>Required sensor power zero (passive sensor)</p> <p>Temperature Sensor type T thermocouple incorporated</p>	5 Nos.

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 PRINCIPAL
 RAJIV GANDHI INSTITUTE OF TECHNOLOGY
 VELLOOR P.O., KOTTAYAM
 KERALA, PIN-686 501

Rajiv Gandhi Institute of Technology, Kottayam

No. D1/4622/20/RIT

Dated: 09.08.2021

TENDER SCHEDULE

Superscription : Tender No: 02/21-22/RIT Supply of Thin Foil Heat Flux Gauge for Mechanical Engineering department.

Last date and time receipt of tender : 28/09/2021, 11 a.m

Date and time of opening of tender : 28/09/2021, 3 pm

Last date and time of sale of tender form : 27/09/2021, 3 pm


Date upto which the rates are to be firm : 30/09/2022

Cost of tender form : **Original Rs.1062/- (including GST- 162/-)**
Duplicate Rs.590/- (including GST)
By Post Rs.1097/- (1062+35)

Address of the Officer from whom Tender : THE PRINCIPAL,
Forms are to be obtained to whom tenders are RAJIV GANDHI INSTITUTE OF TECHNOLOGY,
to be send KOTTAYAM,
VELLOOR P. O, PAMPADY ,
KERALA,
PIN - 686501

- List of Items Required

<u>Details of items</u>	<u>Quantity</u>
1 Thin Foil Heat Flux Gauge(Specifications attached)	5


PRINCIPAL
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KERALA, PIN-686 501