



No.: 5/AE&AM/19-20

Date: 3rd March, 2020

Invitation for Quotation

Sealed Quotations are invited from Manufacturers, suppliers and agents to supply the following item as mentioned below:

Item No.-1: Regulated DC supply unit with Electronic Timer/ Relay unit for burning rate measurement [Should Supply with 1 unit of Ignition Wire and Fuse Wire roll]

Detailed specifications are listed below:

Specifications	Range/ Other details
Regulated DC Supply unit for ignition (quantity required: 1 unit)	A) Input: 220 V, Single phase
	B) Output voltage: 0 to 12 V
	C) Protections: a) Fuse protection at AC Input. b) Unit Output protection against overloads and short circuits. c) Miniature Circuit Breaker at AC Input.
	D) Controls: a) ON/OFF circuit breaker at AC input. b) Coarse and fine voltage and current set potentiometers in front.
	E) Indications: a) LED indicators for AC input, and DC output
Electronic timer with relay circuit for burning rate measurement using fuse wires (quantity required: 1 unit)	Inbuilt relay circuit: for 3 electrodes: Neutral rod, first fuse rod, second fuse rod)
	Electronic timer : Yes
	Counting direction: Down
	Supply voltage : 100 to 220 V
	Operating modes: Interval / Cyclic ON First / Cyclic OFF First
	Reset: Yes
	Relay contact: 2 C/O SPDT or as per company
Range: .099/.99/9.99 / 99.9 / 999sec, 9.59min sec	
Display: Digital-Analog	

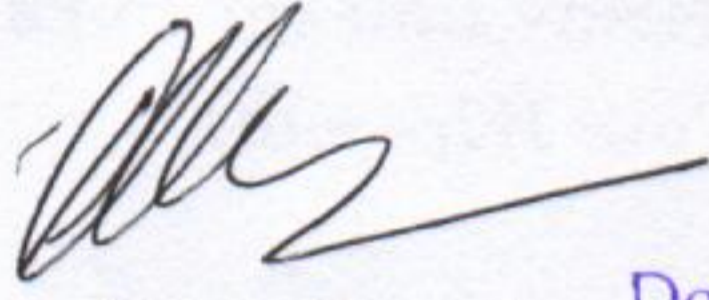
Estimated Budget: INR 15,000 to 18,000

Sealed Quotation should be submitted to:

Head of the Department of Aerospace Engineering & Applied Mechanics
Indian Institute of Engineering Science & Technology, Shibpur
Howrah- 711103, West Bengal

Last Date of submission: 19.03.2020 (Thursday)

Date of Opening: 20.03.2020 (Friday)



(Dr. Amit Roy Chowdhury)

Head of the Department of Aerospace Engineering & Applied Mechanics
Indian Institute of Engineering Science & Technology, Shibpur
Howrah- 711103, West Bengal

Professor & Head

Department of Aerospace Engineering
and Applied Mechanics
Indian Institute of Engineering Science and Technology, Shibpur
Howrah - 711 103, INDIA

Copy to: 1. Notice Board of A.E. & A.M.
2. Institute Website