

**Department of Aerospace  
Engineering & Applied Mechanics**

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**Indian Institute of Engineering  
Science and Technology, Shibpur**

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Website : <http://www.iiests.ac.in>

No.: 2R/AE&AM/19-20

Date: 03<sup>rd</sup> February, 2020

**Re-Tender  
Sub: Invitation for Quotation**

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

**Item No.-1: Flash/ Fire/ Smoke apparatus**

Detailed specifications are listed below:

Specifications	Range/ Other details
Power	240V±10%
Frequency	60 Hz
Volume	2 to 5 liters
Flash points	Below 50°C
Control	Fully automatic
Accuracy	Less than .5%
Heating power	200 to 1000W
Timing accuracy	0.1 s
Materials	Mild steel and brass
Power source	Electric
Temperature range	30 to 500°C
Standard	IP 34, ASTM-D-93-58T, IS-1448(P:I) 1960(P:21) and IS 1209/1958 method B.

**Estimated Budget: INR 20,000 – INR 30,000**

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: 17.02.2020 (Monday) upto 2.00 pm

Date of Opening: 17.02.2020 (Monday) at 3.00 pm

(Dr. Amit Roy Chowdhury)

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

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

**Professor & Head**  
Départment of Aerospace Engineering  
and Applied Mechanics  
Indian Institute of Engineering  
Science and Technology, Shibpur  
Howrah - 711 103, INDIA