

**Department of Aerospace
Engineering & Applied Mechanics**

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

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No.: 6/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: High Vacuum Pump (Quantity required: 1 unit)

Detailed specifications are listed below:

Specifications	Range/ Other details
Type of product	Vacuum pump
Method of creating vacuum	Displacement type (Reciprocating piston vacuum pump)
Number of stages	Single/ Double
Number of cylinder	Single/ Double
Power supply	220-240 V; 50/60 Hz
Phase	Three phase
Max. Vacuum	-680 mmHg to -730 mmHg
Max. Pumping rate	80 to 120 litre/min
Type (oil/ oil free)	Oil Vacuum pump
Max Current	0.5 A
Motor Horsepower	0.5-5 H.P.
Intake/ exhaust connection	Yes (ISO NW 25)
Cooling	Air cooled

Estimated Budget: INR 30000 to 35000

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

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

Professor & Head
Department of Aerospace Engineering
and Applied Mechanics
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