

**Department of Aerospace
Engineering & Applied Mechanics**

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**Indian Institute of Engineering
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No.: 3/AE&AM/19-20

Date: 3rd March, 2020

Sub: Invitation for Quotation

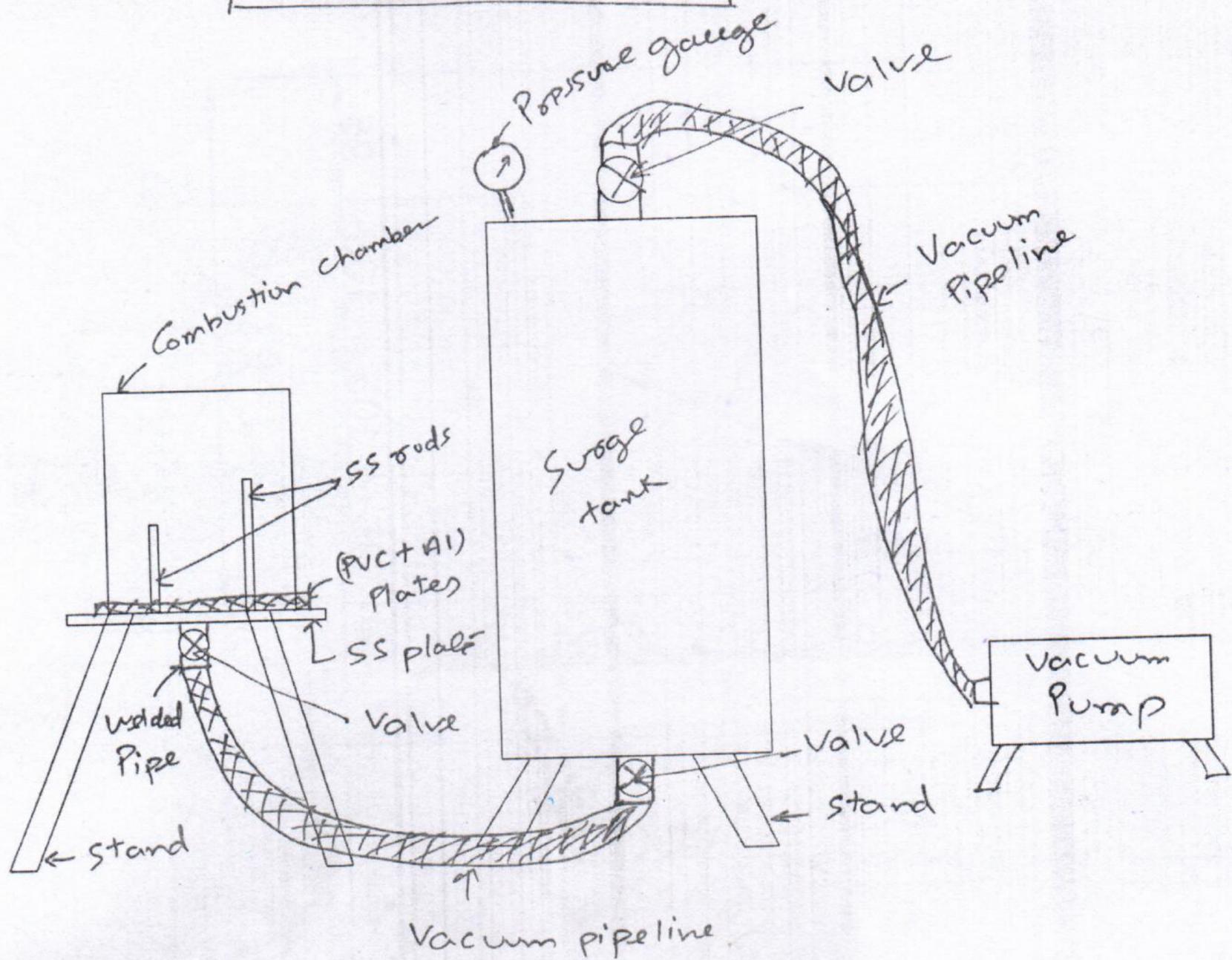
Sealed Quotations are invited from Manufacturers, suppliers and agents to supply the following item as per attached drawing as mentioned below:

Item No.-1: Vacuum Combustion Set-up (Quantity required: 1)

The vacuum combustion set-up is required to have following requirement as shown below. Components dimensions for fabricating vacuum combustion chamber with all other details are also provided.

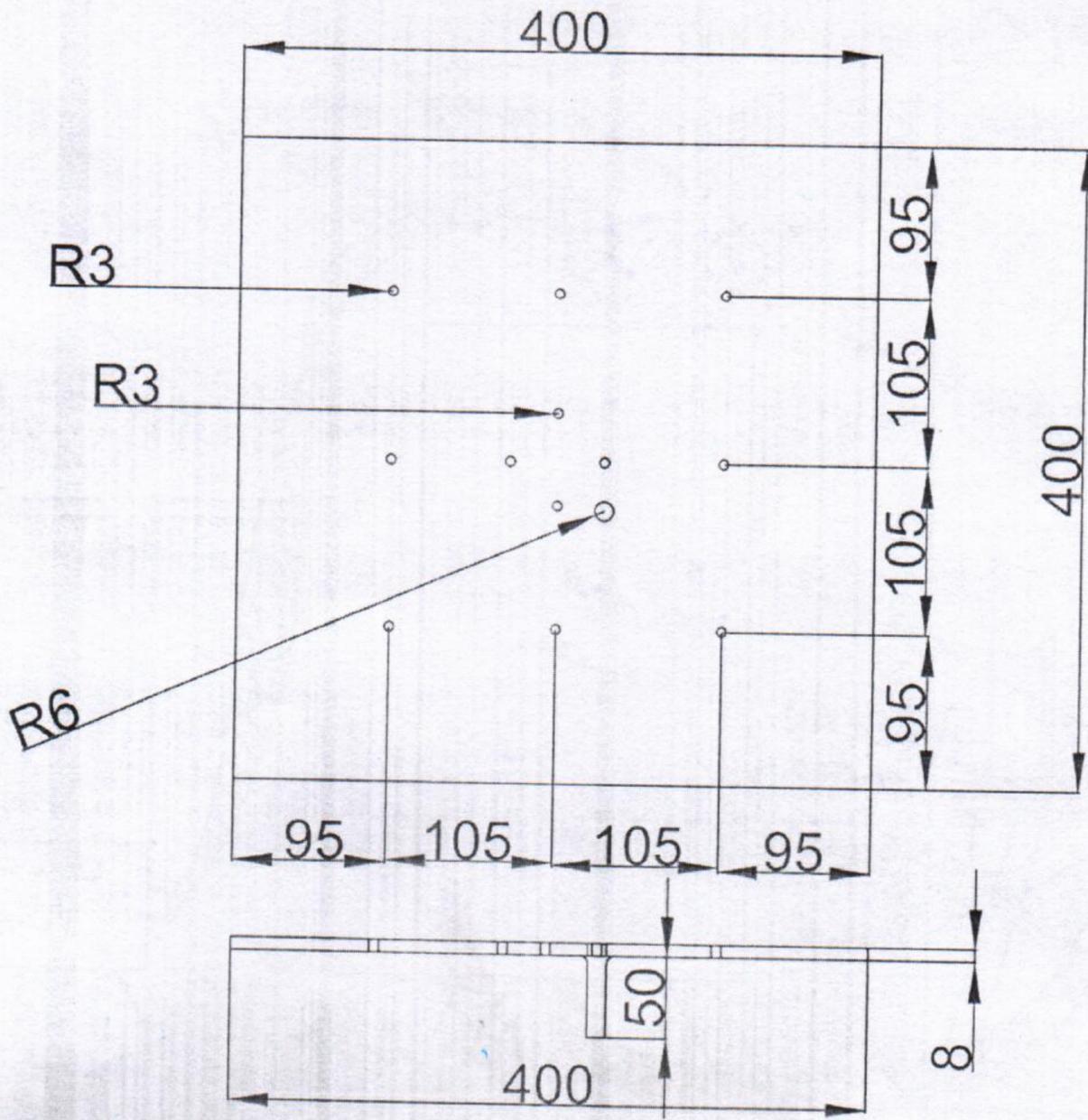
Detailed specifications are listed below:

COMBUSTION UNIT



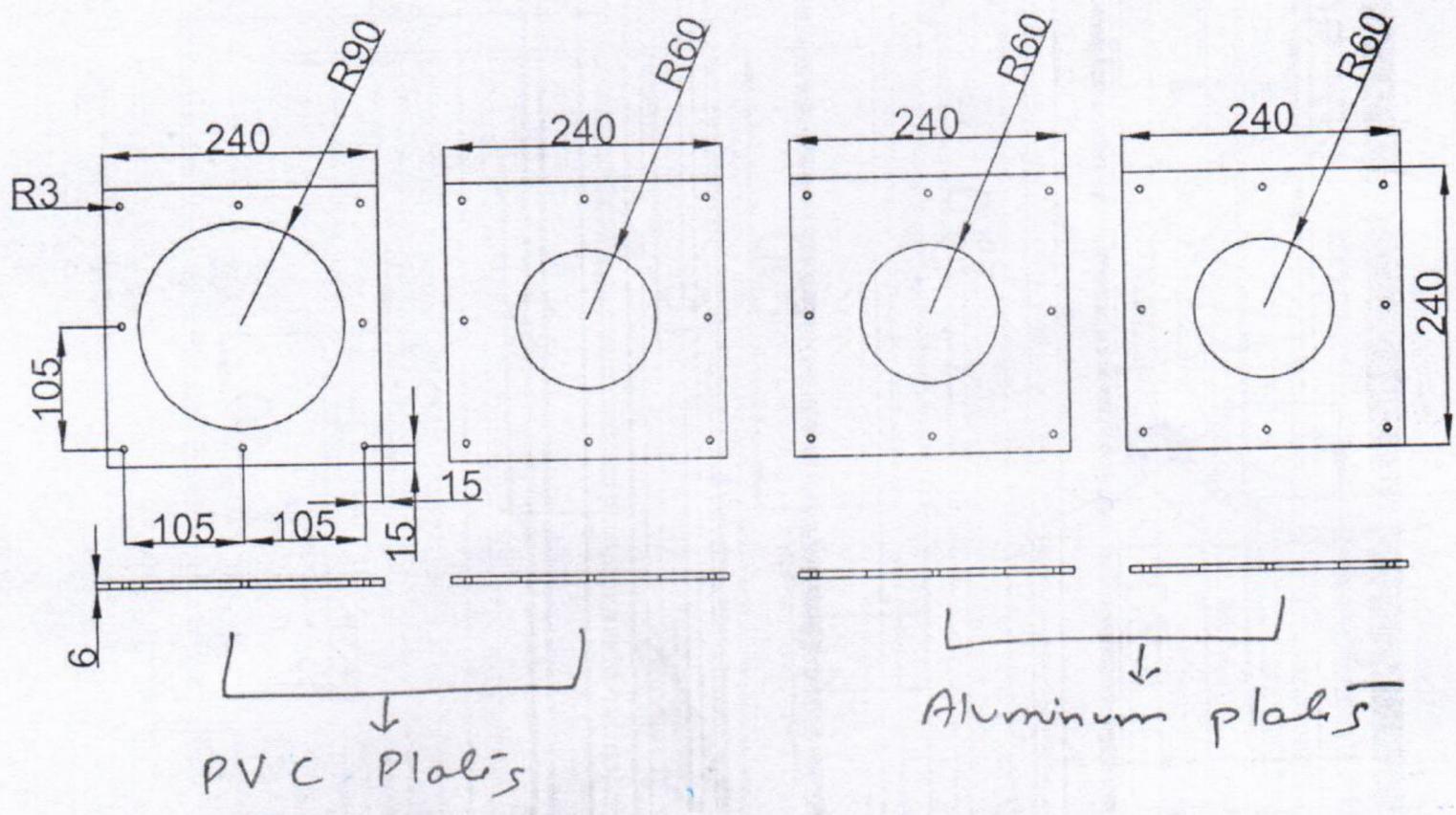
- 1) SS plate → Dimensions is in Page 1
- 2) (PVC + Al) plates → Dimensions is in Page 2
- 3) SS rods → Dimensions is in Page 3
- 4) Surge tank → Dimension is in Page 5 (MS Steel)
- * 5) Combustion chamber → Dimensions is in Page 4
- * → Combustion chamber is not included in fabrication
- 6) 2 MS stands + 3 valves + Vacuum pressure gauge + pipelines

SS Plate



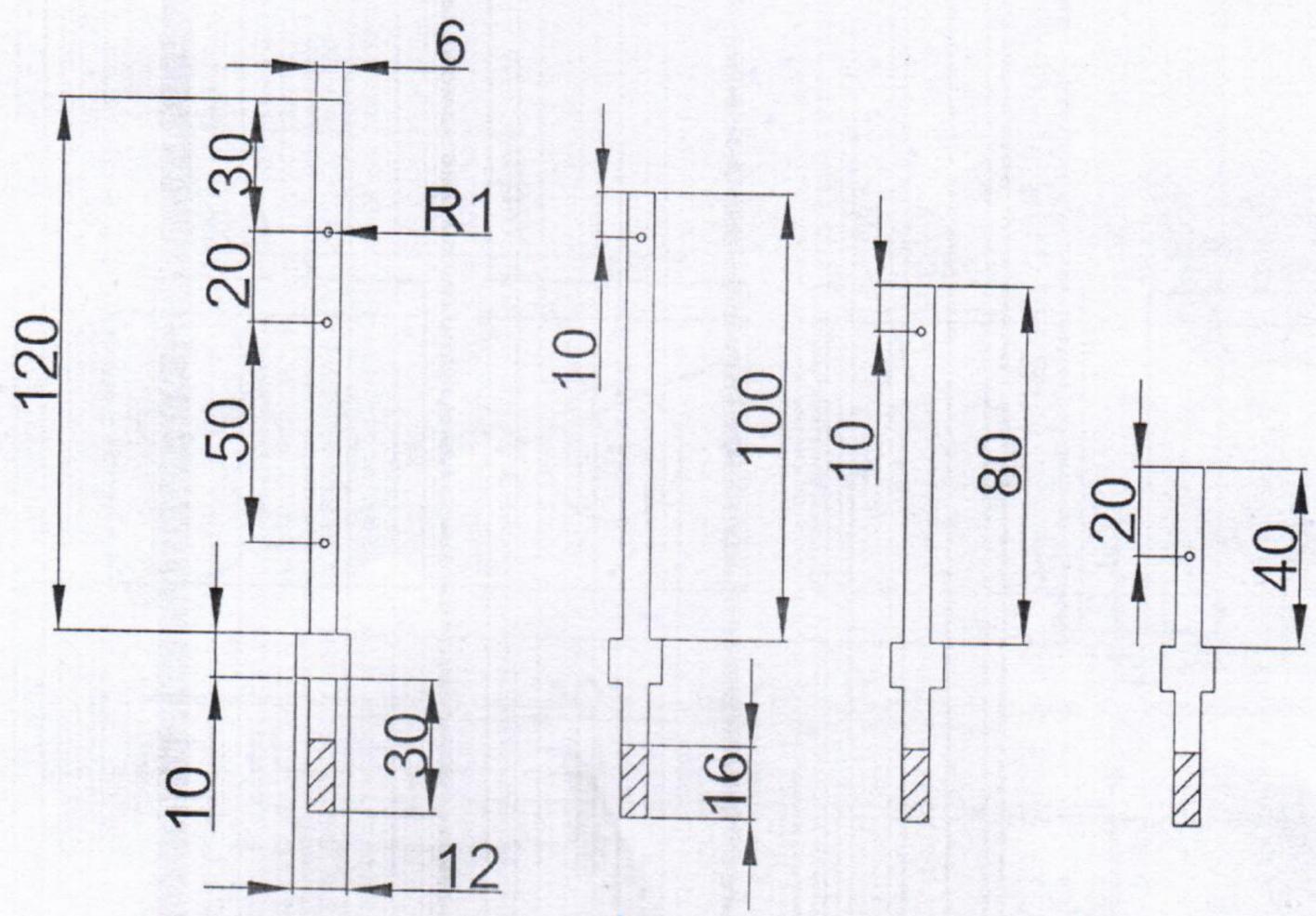
All dimensions are in mm

2



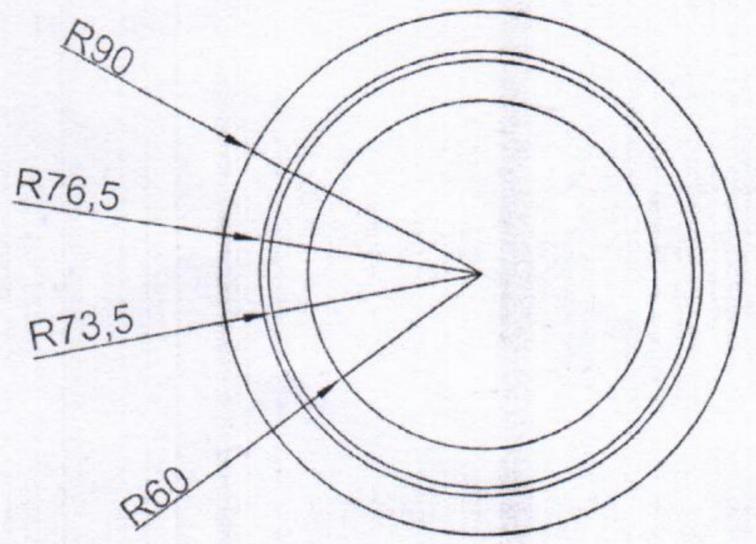
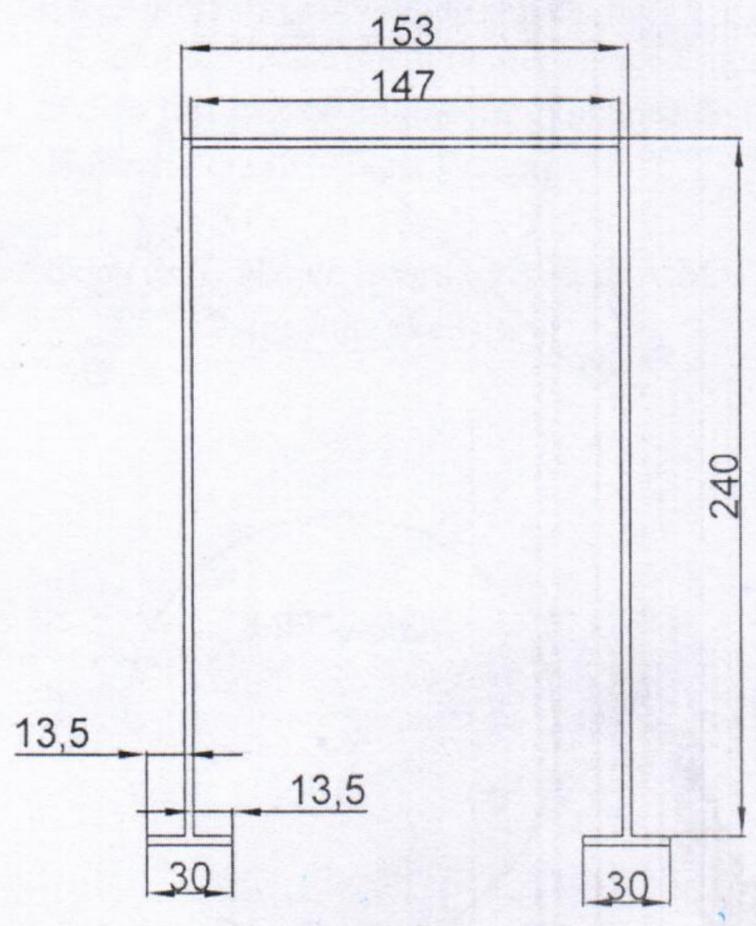
all dimensions are in mm

SS RODS



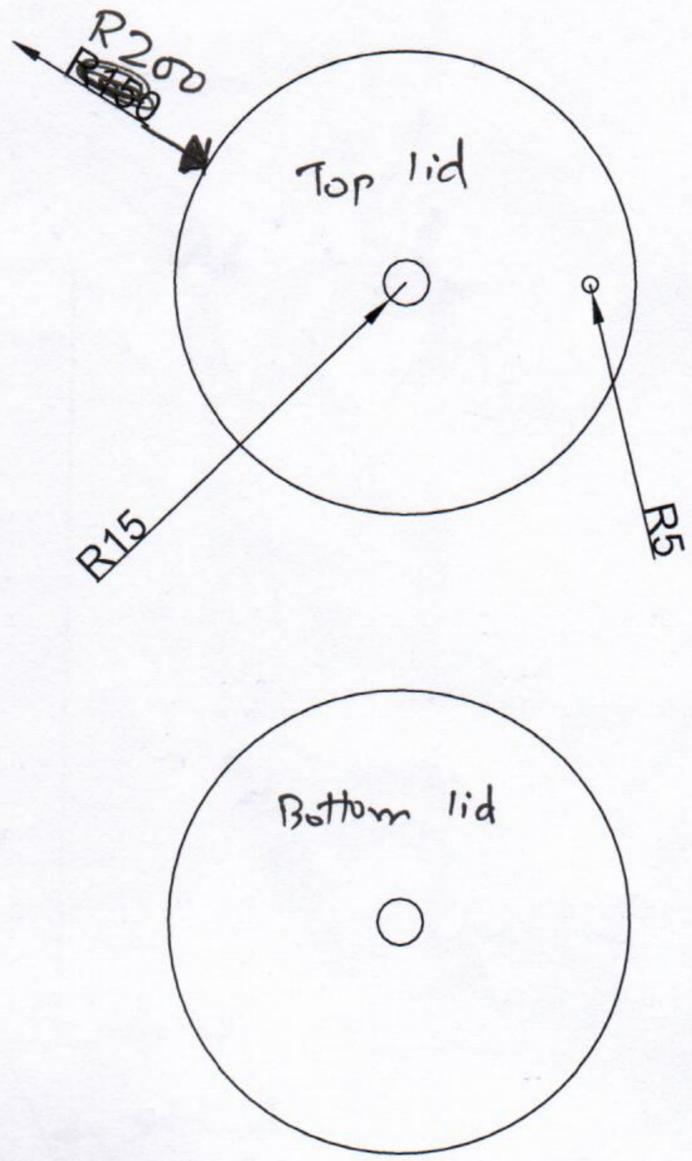
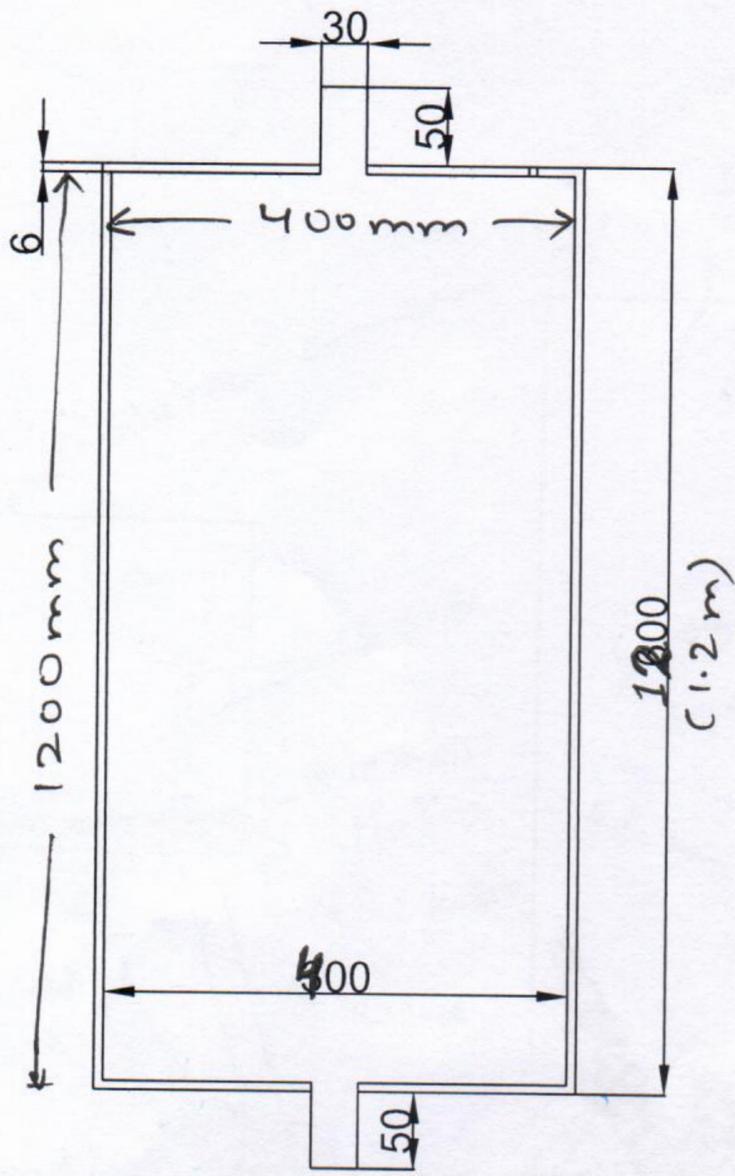
All dimensions are in mm

Reaction Kettle / Combustion chamber



all dimensions are in mm

M S tank



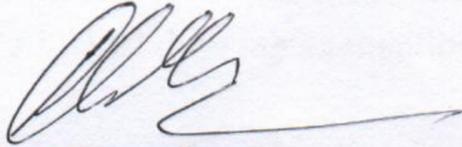
all dimensions are in mm

Estimated Budget : INR 25,000

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)

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