

Department of Metallurgy and Materials Engineering
COEP Technological University
(A Unitary public University of Govt. of Maharashtra)
Shivajinagar Pune – 411005, India

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COEP/MET/2025-26/ **782**

Date: **30/06/2025**

To,
Vendors

List enclosed

Subject: Enquiry for supply of Graphite crucibles and graphite electrodes.

Dear Sir/Madam,
Please quote for the following item with detailed bifurcation of basic cost, taxes and other charges if any-

Sr. No.	Description of Item (s)	Qty. Reqd.
1	<u>Graphite crucibles.</u> Specifications as follows: Cylinder Crucible with high-density ($>1.84 \text{ g/cm}^3$), fine-grain, low porosity, custom machined with standard ISO 20203 / ASTM C561 / ASTM C749. Isostatically pressed graphite ($\geq 99.9\%$ Purity). Dimensions are as Outer dia 190 mm, Inner dia 150 mm with 5 mm hole at bottom center x 188 mm Long (Engineering drawing attached)	02
2	<u>Graphite electrodes: (20 mm Ø x 140 mm long)</u> Specifications as follows Graphite electrodes for high-temperature electrolysis ($>1000^\circ\text{C}$) shall be made of high-purity synthetic graphite with ash content $\leq 0.3\%$, bulk density $\geq 1.84 \text{ g/cm}^3$, high density. Electrodes must withstand continuous operation at $\geq 1050^\circ\text{C}$. Surface must be free from cracks, inclusions, or defects. Dimensions are as Diameter 20 mm x 140 mm Long	15

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You are requested to quote a competitive rate within 7 days from the date of issue of quotation. Scaled envelope quotation shall superscribe quotation no. and posted to HOD, Metallurgy and Materials Engineering, COEP Technological University Pune, Shivajinagar, Pune-5.

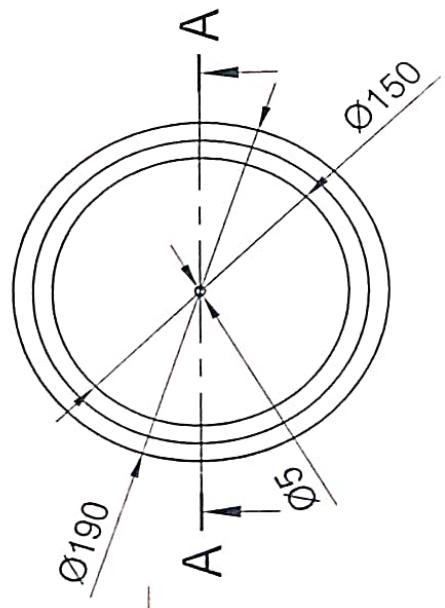
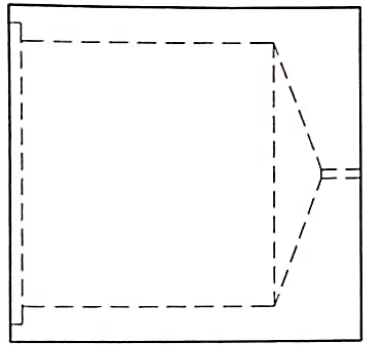
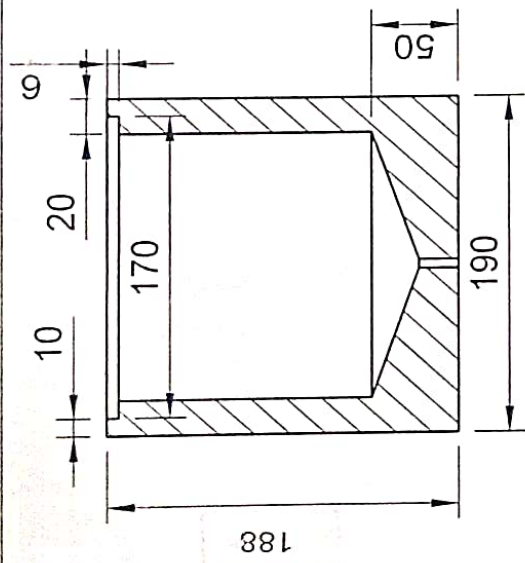
Thanking you

30/06/25
Hannha kulke

Head of Department
Metallurgy and Materials Engineering
COEP Technological University

N. S. Kulkarni

2/2



Bill Of Material				
Item	Qty.	Description	Standard	Material
Graphite Crucible	04	Cylinder Crucible high-density (>1.84 g/cm³), fine-grain, low porosity, custom machined	ISO 20203 / ASTM C561 / ASTM C749	Isostatically pressed graphite (≥ 99.9 % Purity)

CREATED BY: NILESH SONAWANE DATE: 13/06/2025		TITLE: FABRICATION OF GRAPHITE VESSEL	
CHECKED BY: DATE:		POWDER META LAB, COEP TECH.	
A4		GRAPHITE VESSEL 01	
SCALE: 1 4	SHEET 1/1		

ALL DIMENSIONS ARE IN MM