



Centre for Research in Nanoscience and Nanotechnology
University of Calcutta

New Quotation No. Dir/159/Tender/Gas Cylinder/CRNN (2022) Dt. 13.06.2022

Previous Quotation No. Dir/138/Tender/Gas Cylinder/CRNN (2022) Dt. 11.04.2022

Sealed quotations are invited for the supply of 41 numbers of Gas Cylinders (Specifications are given below) at Centre for Research in Nanoscience & Nanotechnology (CRNN). The reputed vendors are hereby requested to submit their quotations at CRNN Office, including the current Trade License, clearly mentioning the authorization of gas supply (Non LPG), PAN, GST certificate along with credentials. Quotation should reach the Office of the CRNN, University of Calcutta, JD-2, Sec-III, Salt Lake City, Kolkata: 700106, within 15 working days w. e. f. date of publication in Notice Board of CRNN and official website of Calcutta University.

Sl. No.	Item Details	Make	Quantity
1.	N ₂ (Details below)	Indian	19
2.	CO ₂ (Details below)	Indian	8
3.	Ar (Details below)	Indian	7
4.	O ₂ (Details below)	Indian	3
5.	He (Details below)	Indian	2
6.	O ₂ + CO ₂ (Details below)	Indian	2

(Prof. D. Das)
Director, CRNN

Detail specification of Gas Cylinder

Category	Details
Water Capacity	46.7/47 ltr
Filling Pressure	150 Kgf/cm ²
Test Pressure	250 Kgf/cm ²
Cylinder Height (w/o Valve)	1370 mm
Cylinder Outer Diameter	232 mm (Approx)
Tare Weight	52-54 Kg
Gas Capacity	7 cum
Cylinder Base	Concave
Wall Thickness	5.5 mm (Min)
Grade	UHP (99.9% pure)
Color band	As per gas Cylinder rule 2004
Standard	Indian

Certificate:

1. Filling permission from chief controller of explosives
2. Test certificate from BIS
3. Hydro Testing certificate
4. Purity certificate for UHP gases (Lab Grade)