

**Department of Physics**  
**University of Kerala, Kariavattom Campus, Thiruvananthapuram – 695581**  
**KERALA**

No.Phy/120/2014-15

5-08-2014

**Quotation Notice**

Quotations are invited for purchasing the following equipment in the Department of Physics, University of Kerala

No	Item	Description/Remark
1	Hand operated hydraulic power press with heating facility less than 350 °C and two die sets (cylindrical die of diameter 14 mm and rectangular die of length 3 cm and breadth 2 cm)	<p>1. Hydraulic press with four pillars made of steel. The basic units should be precisely machined, hard chrome plated, polished and assembled on movable table.</p> <p>2. The press should have working pressure of not less than 10 tons and 200 Kg/cm<sup>2</sup> capable of holding stainless steel bottom and top plates of ≈125x125 mm with cartridge heaters, with PID temperature controller for precise temperature measurement. A suitable pressure gauge should be included for accurate measurement of pressure. The stainless steel bottom and top plates should be capable of holding dies of various shapes.</p> <p>3. Fabrication of two Tungsten carbide die sets</p> <p>1. Cylindrical Die Diameter 14 mm with additional base 1 number and plunger 1 number.</p> <p>2. Rectangular Die Length 3 cm, breadth 2 cm Both dies can be useful for making pellets of heights less than or equal to 3 cm and should be capable to support additional heaters if needed.</p> <p>The items should be delivered and installed at the Department of Physics of University of Kerala.</p>

Quotes should be inclusive of the cost, freight, taxes, etc. Terms and conditions of warranty should be clearly mentioned. The equipment should be installed in the Department of Physics University of Kerala.

Please quote the lowest price for the above item.

The quotations should reach **“The Professor and Head, Department of Physics, University of Kerala, Kariavattom, Thiruvananthapuram, Pin- 695 581, Kerala” on or before 22-08-2014.**

Sd/-

V. Biju

Head-in-Charge

Department of Physics

University of Kerala

Kariavattom, Thiruvananthapuram