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Ref: PU/PHY/ BRNS-NS/2015-2016/64b

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Sub: Quotation for “**Planetary Ball mill and its accessories**” under my BRNS Major Research project- Reg.

Ref: BRNS Sanc. Let. No.: 2013/34/26/BRNS/2702, dt. 19.12.2013.

Sealed quotations are invited for the purchase of “**Planetary Ball mill and its accessories**” under my BRNS Major Research project and all the quotations should reach to the undersigned on or before **10.02.2016**. Detailed specifications of the items are given below.

**Planetary Ball mill and its accessories**

1. Equipment Type: Planetary Ball mill for **Wet as well as Dry**
2. Jar mounting: Should be SS bolt and nut with clamp type locking system.
3. Grinding system: (a) Tungsten Carbide bowl with lid and seal ring.  
(b) 10mm dia tungsten carbide spherical balls not less than 40 numbers
4. Maximum and Minimum load: **≈100 grams to ≈10 grams**
5. Maximum Speed :> **300 RPM with variable**
6. Continuous Operation: should be more than **12hours**
7. Controller: Various RPM speed controller system with Digital display
8. Timer: Programmable Timer to set the grinding time
9. Safety with minimum possible noise
10. Particle size: **should be less than 50nm**

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