



# Centre of Excellence in Solid State Physics



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## **TENDER NOTICE (Scanning Electron Microscope)**

Sealed proposals on Single Stage Single Envelope basis are hereby invited from the Manufacturers / Authorized Dealers having GST, Sales Tax Number, Sales / Service / Repair Centres for the supply and installation of Scanning Electron Microscope (SEM) on C&F basis as per specifications detailed in the tender documents.

The minimum requirements of Branded SEM attached with latest analytical and digital attachments (All operations and functions should be fully PC controlled with software compatible to the Windows latest version) are given below. The quoted system specifications should be equal to or better.

- 1) Electron Gun Source                      Tungsten Filament Cathode
- 2) Resolution                                      3.0nm @ 30kV with SE / 4.0nm @ 30kV with BSE
- 2) Tilt / Rotation:                                -20°~ 90° / 360°
- 3) 5-axis Eucentric Motorized Stage
- 4) Beam Deceleration Facility / variable pressure
- 5) Gold Sputter Coater

### **OPTIONS:**

- 1)      Electron Gun Source      LaB<sub>6</sub> Filament Cathode
- 2)      Energy Dispersive X-ray Analysis System with at least 25mm window (Starting from Be up to U)

Tender documents can be obtained (@ Rs. 1000/-) from the office on any working day during office hours before 17<sup>th</sup> January 2019. Tenders should reach office of the Director, COE in Solid State Physics, University of the Punjab, Lahore, by 11:00am on or before January 17, 2019. The departmental Purchase / Tender Committee will open the tenders on January 17, 2019 at 11:30am, and representatives of the bidders may attend.

Earnest money for the Tender will be 2% of the total bid price to be attached with the offer.

**Director**

**COE in Solid State Physics**

**University of the Punjab, Lahore**