### Description of the Item: Sputter Coater

**Purpose**: To provide thin coating to non conducting materials for SEM/FESEM examination and other coating application.

**Technical Specifications**

* Carbon, Platinum coating unit with a rotating stage to give FESEM quality coating.
* It must be fully automatic, compact and touch screen controlled rotary pumped sputter coater
* It must have capability for sputtering of wide range of metals such as gold, platinum, silver etc..
* It must have provision for sputter coating, carbon coating or both
* Along with the coater, 1 number of extra Platinum, 1 number of extra gold and 2mm of carbon fiber should be provided.
* The power requirements and gas requirements of sputter coater must be mentioned in the bid/offer.
* The equipment should be installed in the laboratory without additional cost. Start-up assistance and training should be included for six students in the laboratory.
* 12 months warranty from the date of acceptance of the equipment.
* Operating and maintenance manual, wiring diagrams, spare part list should be provided.