



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY
(संसद के अधिनियम द्वारा स्थापित केंद्रीय विश्वविद्यालय)
(A Central University established by an Act of Parliament)
कुल सचिव का कार्यालय/ OFFICE OF THE REGISTRAR
नपाम :: तेजपुर - 784028 :: असम
NAPAAM :: TEZPUR - 784028 :: ASSAM

NOTICE INVITING QUOTATION

TU/11-24/Pur/Qtn/2018-19/1890-A Dated: 8/8/2018

Sealed quotations are invited from reputed manufacturers/authorized dealers/vendors for supply, installation & commissioning etc. of following items required for the DST-SERB Project of Dr. Biplob Mondal, Department of Electronics and Communication Engineering, Tezpur University. Quotation should be submitted in the DROP BOX placed in the reception of the Administrative Building of the University within **3.00 PM of 07.09.2018**. If posted/couriered, should reach within the specified time and date addressed to "The Assistant Registrar-GA, Tezpur University". The Quotation Notice No. and date should be clearly superscribed in the the envelope/packet containing the quotation. The Quotations received will be opened on the **07.09.2018 at 4.00 PM**. The quotationer(s) or their authorised representative(s) may be present while opening the quotations.

LIST OF ITEMS WITH SPECIFICATIONS

| Sl. No. | Item (s) | Specifications |
|---------|--|---|
| 1 | Film thickness measuring Instrument | Sample: thin films of Semiconductor, metal, oxide or polymer, Substrate size: glass substrate (2 mm x 2 mm), 2 to 4 inch Si wafer, Film thickness: 10 nm – 50 μ m, Precision: 0.01 nm, Computer controlled for data analysis, User manual |
| 2 | Spin Coater | Programmable Table top system, color touch panel Vacuum chuck for 2 – 4 inch wafer with centering pins, Speed: upto 8,000 rpm Acceleration: 4 000 rpm/s Automatic Vacuum Control with digital gauge, Polypropylene protected body, Optional automatic dispensing system and nitrogen drier, Adjustable dispense position |
| 3 | Digital weight balance (micro balance) | Minimum measured weight: 0.01 mg 6 th /5 th decimal Digital display Interfaces: RS232 and USB Weighing Pan Diameter: > 60 mm |
| 4 | Sonicator | power output: upto 300 watts output frequency: 20 kHz Processing volume: 250 μ L to 2 L Titanium tip included Timer and pulser controlled Auto tuning facility Optional sound abating chamber |
| 5 | pH meter | pH rang: 0-14 Precision/accuracy: 0.01 pH Temperature: ~100 °C Microprocessor controlled, digital display |
| 6 | NI DAQ card | analog I/O, digital I/O, and counter/timer functionality, USB connector, analog input channel – 8, differential analog input channel 4, analog output channel -2, Sampling rate 20-50 kS/s, analog input resolution : 14-16 bits, bidirectional digital channel- 13, |

