



**DIRECTORATE OF STUDENTS' WELFARE**  
**GAUHATI UNIVERSITY, Guwahati, Assam-781014**  
Email Id: dsw@gauhati.ac.in

**NOTICE INVITING QUOTATION**

Sealed quotations are invited from reputed firms for supply of the following equipments, items with financial support of BRNS, Govt. of India. The quotations will be received at the office of the Director of Students' Welfare, Gauhati University, Guwahati, Assam-781014 up to 3 p.m. on 02/11/2017 and will be opened on the same day at 3.30 p.m. The firm to be selected will be chosen on the basis of the specifications of the equipments and items and subject to satisfaction of the committee only.

Sd/-

Director, Students' Welfare  
Gauhati University & P.I. of the Project

Memo No. GU/BRNS Project/NIT/2017/ 20

Dated: 24/10/2017

Copy for information and necessary action to:

1. The Treasurer, Gauhati University.
2. The Secretary to the Vice-Chancellor, G.U.
3. The Secretary to the Registrar, G.U.
4. The System Officer, G.U. with a request to place the 'NIQ' notice in GU website.
5. Notice Board.

Director, Students' Welfare  
Gauhati University & P.I. of the Project

24/10/17  
Director  
Students' W  
Gauhati Uni

### 1. Technical Specification of Spark Counter Detector:

Detector Type	Solid State Nuclear track detector
Count Capacity	99999 counts
Count Display	On the LCD display
Dead Time	Less than 10 $\mu$ for spark registration Sparking Head area = 1 Sq.cm( $\pm 0.1\%$ accuracy)
EHT Range	100 Volts to 1000 volts, user settable
EHT Display	4 Digit display on LCD Module
EHT Setting	Independent setting of Pre-sparking & counting Voltage through keys using two digital potentiometers
Counting Gate/Window time	1 to 10 sec. User –settable through keys
Display	32 character backlit LCD Module
Parameters Displayed	Counts and EHT
Operating Keys	5 Nos.
Data Transfer	Through RS 232 serial port for data transfer to a PC
Downloading Software	Provided on a CD
Power	Mains 230 V AC $\pm 10\%$
Dimensions	23 cm x 20 cm x 28 cm
Accessories	Microprocessor based control system

Estimated cost:  $\leq$  Rs 60,000/-

### 2. Specification of Constant Temperature Water Bath:


Heating: 5 to 99 °C

- Dimension: not more than 20x15x10 cms
- Voltage (V): 170 - 240.0 V AC
- Rating (Watt): 2.0
- Accuracy in (°C):  $\pm 0.5$

Estimated cost:  $\leq$  Rs. 30,000/-

### 3. High precision Analytical Electronic Balance/Digital Scale/Weighing Balance

- Measure small mass in the sub-milligram range.
- Weighing capacity in the range of 100-500 g (typically 200 g) and a readability of 0.1 mg – 0.001 mg.
- Enclosure with doors so that dust does not collect and so any air currents in the room do not affect the balance's operation.
- Accuracy up to 4 digits.

  
Director, Students' Welfare  
Gauhati University & P.J. of the Project  
Director  
Students' Welfare  
Gauhati University