

ADVT. for Tender Notice

Institute Website

CENTER FOR HEALTHCARE SCIENCE & TECHNOLOGY
Indian Institute of Engineering Science and Technology, Shibpur; Howrah-711103

Web Tender Advt. No: CHST/Web/F/1

Dated: 02.02.2018

Sealed tenders are invited by the Centre for Healthcare Science & Technology, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103 for the supply of laboratory items/works under DST INSPIRE RESEARCH GRANT.

Tender Documents containing details of the items and terms and conditions may be downloaded from the university website and completed bidding documents are to be submitted to the **Head, Centre for Healthcare Science & Technology, Indian Institute of Engineering Science and Technology, Shibpur; Howrah-711103** or dropped into the Tender Box kept in the Center **within fifteen days of publishing the tender**.

Enclosed: **Specification of the Items.**

Prof. Amit Roy Chowdhury

Head,

Centre for Healthcare Science and Technology

Specification of the items:

Name of Item	Specification
1. Cell Counter	TENDER SPECIFICATION Capacity : 60 g Specification : Weighing Capacity : 40/60 g. Readability : 0.01/0.01 mg. Repeatability : 0.02/0.04 mg. Linearity : $\pm 0.1/0.1$ mg. Typical response time : 6/6 s Pan size : 80 mm dia. Dimensions (D x W x H) : 376 x 214 x 316 mm Features : - Calibration : internal calibration isoCAL, and external calibration - Interface mini USB : 1. Automatic recognition of manufacturer's printer, 2. Direct data transfer to Microsoft® Windows programs, 3. Programmable interval for data output, 4. Data transfer protocols :

	<p>SBI, xBPI, table format, text format.</p> <ul style="list-style-type: none"> - Display Type : Touch screen with graphical user interface optimized for users in laboratories. - Standard built-in applications : Weighing, Density, Percentage, Check weighing, Peak Hold, Counting, Unstable Conditions. - Special built-in lab applications : Mixing, Components, Statistics, Conversion. - Protection : 1. IP43 Protection , 2. Chemical resistant finish of the housing, 3. In-use cover, 4. Dust cover for analytical balances - Password protection : Supervisor lock for protection against unintentional changes. - Anti-theft lock : Kensington lock and lockdown capability for cable or chain. - Glass Draft shield with smooth door opening. - AC Power adaptor : 100 – 240 V~, -10% +10%, 50 – 60 Hz, 0.2 A220
2. Cell Counter	<ul style="list-style-type: none"> • Processing time: <10 seconds • Sample concentration range: 1×10^4–1×10^7 cells/mL • Particle diameter range: ~4–60 μm • Cell diameter range: ~7–60 μm • Required sample volume: 10 μL • USB drive: 4 gigabyte, FAT file system • Optics: 5 megapixels, 2.5X optical magnification, 3 channels (bright-field plus 2 slots for EVOS LED light cubes) • Instrument dimensions: NMT 9" (W) x 5½" (D) x 9" (H); 228.6 mm (W) X 139.7 mm (D) x 228.6 mm (H) • Weight: 8 lbs
3. Centrifuge	<ol style="list-style-type: none"> 1. Max. Speed 2. 7000 - 20000 RPM 3. Max. Tube Size 4. 100 - 250 ml 5. Lowest Temperature 6. -8 deg C 7. Voltage 8. 220 - 240 V