

ADVT. for Tender Notice

Institute Website

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

Tender Advt. No HC - 008/16

Dated: 17.05.2016

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.

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 in the Center within seven days of publication of this advertisement.


Prof. Amit Roy
Head,
Centre for Healthcare Science and Technology
Indian Institute of Engineering Science and Technology
Shibpur, Howrah-711103

Centre for Healthcare Science and Technology

List of Items: -

1. MIG Welder	<ul style="list-style-type: none">• Wall /Floor Mount : No• No Of Stitch Functions : 0• No Of Step Button Holer : 0• No Of Built-In Stitch Patterns : 1 TO 1• Motor : 215Amp• Length : 29• Free Arm For Circular Stitching : No• Dimensions : 29 x 36 x 20• Auto Needle Threader : No• Type : Professional Tools
1. Liquid Extraction Unit with Supporting Software and Firmware.	This unit should be capable of connecting to a programmable hot extruder and dispense liquids/gels at a predetermined rate in a phased and controllable manner.
2. Network Control Unit -	This unit should be capable of interfacing extruder to a network LAN.
3. Peristaltic Dispensing Pump	peristaltic design with easily changeable fluid path that uses commonly available tubing <ul style="list-style-type: none">• Minimal drop in flow while pumping against back pressure• Stepper motor control technology that pumps precisely• Space-saving design with quiet operation• Precise pumping from 1 mL/min to 120 mL/min• Broad range of chemical compatibility by selection of tubing material• May be run dry
4. Hot/Cool Extrusion bed	Peltier or suitably controlled bed in temp. 0-90 deg Celsius.