



GOVERNMENT OF WEST BENGAL
Govt. College of Engineering & Ceramic Technology
 (Formerly College of Ceramic Technology)
 Government of West Bengal
 73, Abinash Chandra Banerjee Lane, Kolkata – 700 010
 Tele/Fax- 2370 1264, E- mail: gcect@rediffmail.com

Memo No.GCECT/ 89 /1-D(141)/2019-20

Date: 23-05-2019

Due Date 04-06-2019

NOTICE

Required Purchase /AMC for the financial year 2019-20

Sealed and superscribed quotaion are invited by the undersigned for-----

SI No	Items Name	Description of the Purchase/ AMC Items	Rs.
1	P- SIM Software	<p>P –SIM Software (For Academics: Power Electronics and Drives Application) Version:Latest Licence Term:Perpetual User: Single User Consisting of:</p> <ul style="list-style-type: none"> P-SIM Pro(Schematic Capture, Simulator, Simview) Digital Control Module – The digital control module is provided to analyze control system in z- domain . It can be used to simulate the performance of digital control loops, study digital filters , and evaluate various effects in digital control ,such as truncation errors, sampling/ hold delay, and computational delay. Motor Drives Module- The Motor Drive Module provides the necessary elements for motor drive system studies . Different machine models and mechanical load models are available . With the motor Drive Module ,PSIM provides a powerful simulation environment for various motor drive system studies. 	
2	ZETASIZER NANO S	<p>PRINCIPAL: MALVERN INSTRUMENT: ZETASIZER NANO S MODEL:ZEN1600 SI.No.:MAL 1010871 WITHOUT COMPUTER & AALLIED ACCESSORIES.</p>	
3	Sedigraph	AMC of Sedigrph 5120	



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4	Micro-Hardness Tester	AMC of Micro-hardness Tester- Make. OMNITECH	
5	Machines for Forging or Smithy Laboratory	<ul style="list-style-type: none"> Chamber type Muffle Furnace with Silicon Carbide heating element. Temperature upto 1100°C and with digital temperature controller-cum-indicator, Inner chamber size:6×6×12" Anvil (25kg) with stand Sledge hammer with Handle(2kg) Ball pen hammer with handle (800gm) Set hammer with handle Fatter with handle Fuller (Top & Bottom) Swage (Top & Bottom) Hot chisel with handle Cold chisel with handle Tong (Flat/Round/ Hollow bit/Square) Hand Gloves 	
6	Machines for Metal Casting Laboratory	<ul style="list-style-type: none"> Non ferrous alloy melting furnace maximum working temp 1000°C, capacity of metal :2 kg digital temperature controller- cum-indicator with tilting facility One simple permanent die suitable for non ferrous alloy casting (200-300gm maximum metal in one shot) and the design should contain a core in it. 	
7	Podium (12nos)	<p>RECEIVER AMPLIFIER</p> <ul style="list-style-type: none"> Power Output- 40 Watts Max Input Channels Sensitivity – Mic-1:3.0mV Mic-2:1.8mV Line:100mV/Aux Position-1:100mV Aux Position -2:180mV / Aux Position-3: 300mV Position Aux-4: 700mV Frequency Response -100-16,000Hz Tone Control –Bass $\hat{A}\pm 6dB$ at 80 Hz Treble $\hat{A}\pm 6Db$ at 8KHz <p>MICROPHONE</p> <ul style="list-style-type: none"> RF Carrier Frequency -174.10, 181.90, 190.32, 97.10 MHz Frequency Stability -$\hat{A}\pm 0.005\%$ Spurious Emissions -45dB Max. RF Output Power -15mW Max. 	



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		<ul style="list-style-type: none"> • Frequency Response -50-15000Hz • Dynamic Range -100dB 	
8	LCD Screen 65" or higher (2 nos)	<ul style="list-style-type: none"> • Approved Make –SONY/ LG /NEC • Certified Bidder-A) Authorization Certificate From Local Business Incharge of The OEM attached • B) Authorization Certificate From Local Service Incharge of The OEM attached • Warranty – 3 Years • Panel – Screen size -65" or higher • Back light - Trident • Native Resolution - 3840x2160 (UHD) • Brightness – 350cd/m2 or higher • Contrast Ratio – 1300:1 • Dynamic CR – 1,000,000:1 • Viewing Angle (HxV) - 178x178 • Response time – 9ms(G to G) • Jack Interface –Set side – HDMI In 2.0 (2), USB2.0 , CI slot • Set Rear – RF In, Digital Audio Out (Optical), HDMI/HDCEP Input 2.0, RS-232C (Control & Service), Headphone Out, RJ (Ethernet), Debug (phone jack type) • Special – Features – Commercial smart Home (Launcher Bar), Web Browser, Pre-loaded App (you Tube only) , Soft AP, Wi-Fi (ac), Screen share (Miracast), DIAL, Bluetooth Audio Playback, Sound Sync/Bluetooth, Mobile Connection Overlay, Music player, USB Cloning, WOL (Magic Packet Only), SNMP, Diagnostics, SI Compatible, HDMI-CEC(1.4), HTNG-CEC(1.4), IR Out, Multi IR Code, Auto Off/Sleep Timer, Smart Energy Saving, Motion Eye Care, Embedded Content Manager/ Group Manager • Environment Conditions –Operation Temperature -0°C to 40°C • Operation Humidity -10% to 80% • Power – Power Consumption (Typical) -178 watt or less. 	



Terms & Condition

- 1) Valid Trade License
 - 2) Valid GST registration
 - 3) PAN Card
 - 4) Income Tax Clearance Certificate
 - 5) List of Clients to whom same or similar type item has/ have been supplied during the last 5 years along with their satisfactory installation & performance certificates.
 - 6) Details of service facilities available directly with bidder in Kolkata, related to all type of support i.e including installation maintenance and training.
 - 7) Conformation of availability of spare parts as and when required.
- Interested parties may visit our college website-gcect.ac.in and are requested to submit their lowest quotation to the undersigned by above mentioned date in a sealed cover. The scope of the work/service may be taken from the inspection of any working day.

K. Chakraborty
Principal

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