



## **CORRIGENDUM**

**Ref. No: Tender ID: 2018\_GKCIE\_387028 dated 07.12.2018 inviting bids for Supply and Installation of Desktop Computers and Peripherals at Ghani Khan Choudhury Institute of Engineering & Technology, Malda**

The following additions/amendments/corrigendum to the above tender (Ref. Tender ID: 2018\_GKCIE\_387028 dated 07.12.2018) have been carried out.

1. The modified Annexure 1 and Annexure 2 are attached.
2. Average turnover per year of the bidder for the last three financial years shall not be less than 30% of gross bid value. The turnover for the last three financial years of the bidder shall be duly certified by the Chartered Accountant.
3. EPF registration certificate and ESI registration certificate is not essential for eligibility in this tender.
4. The bid submission closing/end date and time is 07.01.2019 at 12:00 noon and the technical bid opening date and time is 07.01.2019 at 12:30 p.m.
5. The other contents of the Tender Notice will remain the same.

The bidders are advised to take into account the above additions/amendments/corrigendum before submission of their bids against this tender.

Chairman  
Central Tender cum Purchase Committee, GKCIET  
Place: Malda  
Date: 21.12.2018

## Annexure 1

### List of Items to be procured under Tender

Sl. No.	Name of the Item	Quantity
1.	Desktop Computers (i7)	30 nos.
2.	Desktop Computers (i5)	120 nos.
3.	UPS/Battery Bank	
	(i) <b>Option (A)</b> - UPS	150 nos.
	(ii) <b>Option (B)</b> - UPS + Battery Bank	UPS = 55 nos. + Battery Banks 04 nos. (Bank 1 – 30 computers, Bank 2 – 25 computers, Bank 3 – 20 computers & Bank 4 – 20 computers)
4.	<b>LCD DLP</b> Projector with Projection Screen	7 nos.
5.	LaserJet Multifunction Printer (B/W)	7 nos.
6.	InkTank Multifunction Printer (Colour)	7 nos.
7.	Mini Laptop	1 no.

## Annexure 2

### Technical Specification of Items/components

Sl. No.	Name of the Item	Technical Specification	
1.	Desktop Computers (i7)	Make	HP/DELL/Lenovo/IBM
		Processor	Core i7, 7th generation, <b>64 bit</b> , 3MB Cache; or higher
		<b>Motherboard</b>	<b>OEM Motherboard with OEM logo embossed on the motherboard (No Sticker)</b>
		Graphics	Integrated
		<b>Form Factor</b>	<b>Tower</b>
		RAM	8GB, DDR4, 2400MHz or higher
		RAM Expandability	Minimum <b>16-GB 32 GB</b>
		Memory Slots	DIMM, Minimum 2 slots
		HDD	1 TB 7200 RPM, SATA or higher
		Optical Disk	DVD R/W <b>16x</b>
		PCIe/ <b>PCI</b> Slots	x1 and x16 and other PCI slots
		Operating System	<b>Option A: With Windows 10 Pro 64-bit</b> The operating system must be factory preloaded. Under no circumstances the vendor will be allowed to install it. A manufacturer certificate indicating serial number of desktop and serial number of preloaded operating system should be submitted for each desktop.
			<b>Option B: With Linux/Free DOS</b> <b>B.1:With Linux</b> <b>B.2:Free DOS</b>

		Operating System Certification	Windows 10 Pro Certification
		Ethernet	Gigabit NIC 10/100/1000M
		Wireless Connectivity	Integrated Bluetooth, WLAN 802.11 a/b/g/n
		Ports	VGA Port, HDMI Port, RJ 45, Audio in, Audio out
		USB Ports	USB 2.0 (at least 2) & USB 3.1 (at least 2); <b>at least 2 no in front side of the cabinet</b>
		Monitor	18.5 inch, Antiglare, LED-backlit, Non-Touch, Full HD Pixel, HDMI port enabled (desirable) <b>Minimum 1366 × 900 resolution</b>
		Mouse	Optical Scroll Mouse
		Keyboard	Standard USB Keyboard
		Warranty	Minimum <b>3-Years 5 Years</b> onsite
		ROHS Compliance	Required
		Energy Star	Required
		TCO Compliance for monitor	Required
		<b>Other certification</b>	<b>EPEAT Gold</b>
2.	Desktop Computers (i5)	Make	HP/DELL/Lenovo/IBM
		Processor	Core i5, 7th generation, <b>64 bit</b> , 3MB Cache; or higher
		<b>Motherboard</b>	<b>OEM Motherboard with OEM logo embossed on the motherboard (No Sticker)</b>
		<b>Form Factor</b>	<b>Tower</b>
		Graphics	Integrated
		RAM	8GB, DDR4, 2400MHz
		RAM Expandability	Minimum 16 GB
		Memory Slots	DIMM, Minimum 2 slots
		HDD	1 TB 7200 RPM, SATA or higher
		Optical Disk	DVD R/W <b>16 x</b>
		PCIe/ <b>PCI</b> Slots	x1 and x16 and other PCI slots
		Operating System	<b>Option A: With Windows 10 Pro 64-bit</b> The operating system must be factory preloaded. Under no circumstances the vendor will be allowed to install it. A manufacturer certificate indicating serial number of desktop and serial number of preloaded operating system should be submitted for each desktop.
			<b>Option B: With Linux/Free DOS</b> <b>B.1:With Linux</b> <b>B.2:Free DOS</b>
		Operating System Certification	Windows 10 Pro Certification
		Ethernet	Gigabit NIC 10/100/1000M
		Wireless Connectivity	Integrated Bluetooth, WLAN 802.11 a/b/g/n
		Ports	VGA Port, HDMI Port, RJ 45, Audio in, Audio out
		USB Ports	USB 2.0 (at least 2) & USB 3.0 (at least 2) ); <b>at least 2 no in front side of the cabinet</b>
		Monitor	18.5 inch, Antiglare, LED-backlit, Non-Touch, Full HD Pixel, HDMI port enabled (desirable) <b>Minimum 1366 × 900 resolution</b>
		Mouse	Optical Scroll Mouse
	Keyboard	Standard USB Keyboard	
	Warranty	Minimum <b>3-Years 5 Years</b> onsite	

		ROHS Compliance	Required
		Energy Star	Required
		TCO Compliance for monitor	Required
		<b>Other certification</b>	<b>EPEAT Gold</b>
3.	UPS	Make	APC/Intex/Microtek/Zebronics
		Rating	600 VA
		Technology	MOSFET-PWM
		Backup time	Minimum 30 minutes
		Inbuilt Isolation Transformer	Required
		20% Overload Limit for minimum 10 minutes	Required
		50% Overload Limit for minimum 1 minute	Required
		Battery Charge Time	Not more than 4 Hours
		Battery Voltage	230 Volts
		Input Power	Single Phase 160V-260V sinewave, 50HZ
		Output Power	Single Phase 230V $\pm$ 1% sinewave, 50HZ
		Colour	Black
		Dimension	8 cm $\times$ 12 cm $\times$ 12 cm
		Protection against Over Voltage, under voltage, Short Circuit, Overload, over shoot	Required
		Onsite Warranty	Minimum <b>1 years for battery and 2 years for other part 3 years with battery</b>
4.	Battery Bank	Make	Exide/Luminous
		Battery Rating	VA for bank 1: 18000 VA, Bank 2: 15000 VA, Bank 3: 12000 VA, Bank 4: 12000
		UPS	Watt for bank 1: 18000 watt, Bank 2: 15000 watt, Bank 3: 12000 watt, Bank 4: 12000 watt considering Unity Power Factor (or higher)
		Technology	MOSFET-PWM, SMF
		Backup time	Minimum 30 minutes
		Inbuilt Isolation Transformer	Required
		20% Overload Limit for minimum 10 minutes	Required
		50% Overload Limit for minimum 1 minute	Required
		Battery Charge Time	Not more than 4 Hours
		Battery Voltage	230 Volts
		Input Power	Single Phase 160V-260V sinewave, 50HZ
		Output Power	Single Phase 230V $\pm$ 1% sinewave, 50HZ
		Protection against Over Voltage, under voltage, Short Circuit, Overload, over shoot	Required
		Onsite Warranty	Minimum <b>1 years for battery and 2 years for</b>

			<b>other part 3 years with battery</b>
5.	<b>LCD DLP</b> Projector with Projection Screen	Make	BenQ/Sony/Hitachi/Epson
		Display	Projection System :DLP Resolution: XGA, 1024 x 768 Resolution Support: VGA(640 x 480) to WUXGA_RB(1920 x 1200) Brightness (ANSI lumens): 3300 Contrast Ratio (FOFO): 15000:1 Display Color: 30 Bits (1,07 billion colors) Light Source Wattage: 203W Light Source life: Normal 4500 hr
		Optical	Throw Ratio: 1.94-2.32 (60"@ 2.37m) Zoom Ratio: 1.2X Lens: (5G all glass optical lens), F=2.46-2.66, f=21.8-25.6 Keystone Adjustment: 1D, Vertical +/- 40 degrees Projection Offset: 106%±5% Clear Image Size (Diagonal): 60"~300" Image Size: 30"~300" Horizontal Frequency: 15K~102KHz Vertical Scan Rate: 23~120KHz
		Interface	PC (D-sub): 2 Monitor out (D-sub 15pin) S-Video in (Mini DIN 4pin) Composite Video in (RCA) HDMI: 2 (1.4a) USB Type Mini B 1 (Download & Page up/down) Audio in (3.5mm Mini Jack) Audio out (3.5mm Mini Jack) RS232 (DB-9pin)
		Compatibility	HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p Video Compatibility - NTSC, PAL, SECAM
		Environment	Power Supply: AC 100 to 240 V, 50/60 Hz
		Accessories (Standard)	Remote Control w/ Battery1 (RCX013) Power Cord (by region) User Manual CD Quick Start Guide Warranty Card (by region) VGA(D-sub 15pin) Cable HDMI Cable VGA Cable
		Projector Screen with stand	Inlight Tripod Type Projector Screen Size:- 7 Ft. x 5 Ft.
6.	Laserjet Multifunction Printer (B/W)	Make	HP/Epson/Samsung/Cannon
		Functions	Print, copy, scan With Multitasking supported
		Printing specifications	Print speed black - Normal: Up to 20 ppm First page out (ready) - Black: As fast as 9.5 sec Duty cycle (monthly, A4) - Up to 8000 pages Print technology - Laser Print quality black (best)- Up to 600 x 600 dpi Display - 2-line LCD (text)

		Connectivity	<b>ePrint capability - Yes</b> Mobile printing capability - Wireless Direct Printing Connectivity, standard - <ul style="list-style-type: none"> <li>• 1 Hi-Speed USB 2.0</li> <li>• 1 Fast Ethernet 10/100Base-TX</li> <li>• 1 WiFi 802.11b/g/n</li> </ul> Network ready - Standard (built-in Ethernet, WiFi, 802.11b/g/n)
		Scanner specifications	Scanner type - Flatbed Scan file format <ul style="list-style-type: none"> <li>• Windows Scan Software supports file format: JPG, RAW (BMP), PDF, TIFF, <b>PNG</b></li> <li>• Mac Scan SW supports file format: TIFF, PNG, JPEG, JPEG-2000, PDF, PDF-Searchable, RTF, TXT</li> </ul> Scan resolution, optical - Up to 1200 dpi Scan size, maximum - 216 x 297 mm Scan speed (normal, A4)- Up to 7 ppm (b&w), up to 5 ppm (color) File Format Supported - PDF, PNG, JPG
		Copier specifications	Copy speed (normal) - Black: Up to 20 cpm Copy resolution (black text) - Up to 300 x 300 dpi Copy resolution (color text and graphics) - Up to 400 x 600 dpi Copy reduce / enlarge settings - 25 to 400%
		Paper handling	Paper handling input, standard - 150-sheet input tray Paper handling output, standard - 100-sheet face-down bin Maximum output capacity (sheets) - Up to 100 sheets Duplex printing - Manual (driver support provided) Supported size - A4, A5
		Power	Power - Input voltage: 220 to 240 VAC (+/- 12%), 50 Hz (+/- 3 Hz) Energy efficiency - ENERGY STAR® qualified
		Warranty	Minimum 1 Year Warranty
7.	Ink tank Multifunction Printer (Colour)	Make	HP/Epson/Samsung/Cannon
		Technology	Deskjet with Ink Tank (external / <b>Internal</b> )
		Connectivity, standard	1 Hi-Speed USB 2.0
		Wireless capability	desirable
		Display	Yes
		Number of print cartridges	1 black bottle, set of 3 colour bottles
		Print heads	2 (1 black, 1 Tri-colour [cyan, magenta, yellow])
		ENERGY STAR® certified	Yes
		Energy efficiency	ENERGY STAR® certified
		Scan resolution, hardware	Up to 1200 x 1200 dpi
		Media sizes	A4; B5; A6; DL envelope

		supported	
		Media types	Plain paper, Photo paper, Brochure paper
		Media sizes supported, key	10 x 15 cm; A4; Envelopes
		Print speed	Print speed up to 8 ppm (black) and 5 ppm (colour)
		Print quality black (best)	Up to 1200 x 1200 rendered dpi
		Print quality colour (best)	Up to 4800 x 1200 optimized dpi colour
		Scan file format	JPEG, <b>TIFF</b> , PDF, BMP, <b>PNG</b>
		Colour scanning	Yes
		Automatic document feeder capacity	desirable
		Copies, maximum	Up to 9 copies
		Copy reduce / enlarge settings	fit to page
		Copy speed colour (ISO)	2 cpm
		Copy speed black (ISO)	7 cpm
		Print speed, black	<=10
		Print speed, colour	<=10
		Warranty	Minimum 1 Year Warranty
	Mini-laptop	Make	ACER/HP/Samsung/HCL/ASUS
		Screen Size	14 Inches (Desirable)
		Batteries:	1 Lithium ion batteries required. (included)
		Processor Brand	Intel
		Processor Speed	2.40 GHz (Minimum)
		Processor Count	2
		RAM Size	3 GB (Minimum)
		Computer Memory Type	DDR3 SDRAM
		Hard Drive Size	32 GB
		Hard Drive Interface	USB 3.0
		Operating System	Linux / Windows
		Lithium Battery Energy Content	3 Watt Hours
		Number of Lithium Ion Cells	6
		Warranty	1 Year Desirable