

Materials Delivery Location: UCEP Hafiz Mazumdar Sylhet TVET Institute

Sl.	Name of the Item	Specification	QTY	UoM	Unit Price BDT	Total Price BDT
1	PLC Trainer All in one Kit (Basic Introduction Based training, Circuit connection based training, VFD based Training, PLC Automation based training, HMI and PLC Combination Automation based training, Pneumatic Control System Training, Industrial Temperature control & monitoring Based Training, High Speed Encoder System Training, Maintenance and troubleshooting based training, Programming Fault detection and debugging training, PLC and HMI communication fault detection and solution. Hardware connection fault detection and solution, Programming malfunction detection, VFD operation Problem solution. VFD Parameter setting Problem solution, VFD error solution) 50+ nos project With 2 years Warranty and free 2 week training for UCEP Sylhet Staff from Supplier (Must be expert Person)	Siemens 57-1200 PLC, CPU 57-1200 (Siemens, Germany) HMI display (Siemens Simatic HMI 7" KTP-700 Siemens) Siemens Variable Frequency Drives VFD (Siemens, Germany) S NAMIC V20, 1.5 KW, 3phase 440VAC PLC Programming cable and required connector (Siemens, Germany) Siemens TIA Portal Programming Software (Siemens, Germany), Mod bus Network A/D, D/A 10 Card, RS323 communication module (Siemens, Germany) RTD 100 (schneider Electric, China), 57-1200 Temperature Input Module, SM 1231 A14 x RTD Brand: SIEMENS Conveyor belt (Siemens, Mitsubishi, LS) Bottle filling machine project kit (China) AC to DC SMPS Power supply (Siemens, Germany) Solenoid Valve (Airtech), Pressure Transmitter Single Phase & Three phase induction motor, 0.75 Kw Proximity sensor (Omron, China), Photo sensor (Omron), Limit sensor, Actuator, Fire and smoke detection sensor (Omron) 57-1200C Analog Input-Output Module SM 1234 A14/AQ2, Magnetic contactor (schneider Electric), Magnetic Relay (schneider Electric) Counter (schneider Electric) OCR, RCB, MCB, MCCB (schneider Electric) & required load, Switch, Socket, Holder, Lamp Lab Setup Charge, free 2 week (15 Days) training for UCEP Sylhet staff from expert person.	1	Set		
2	Computer for PLC Programming	Brand: lenovo ThinkCentre Core 17 12th Gen Brand PC, BPC M705 Gen3 (11TBS21K00) Processor: Intel Core i7-12700 RAM: 8GB, Storage: 512GB SSD Peripherals: Lenovo Original USB Keyboard & Mouse Warranty: 3 Years Monitor: Lenovo L22e-40 (3 Y warranty.) MPN: 67AFKACBMY Resolution: FHD (1920 x 1080) Display: 21.45", VA, 75Hz, Anti-glare, 72% NTSC Ports: 1xHDMI1.4, 1xVGA Features: Low Blue Light, AMD FreeSync UPS (MaxGreen 850VA Offline UPS)Warranty: Desktop & Monitor with 3 Y warranty. Mini Compressor (CROWN 25L Air Compressor 25L 2HP/1.5kW CT35028, China) Experimental Wooden table	1	Nos		




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3	3D Printer	Model: Neptune 4 Pro 3D Technology: FDM; Brand: ELEGOO Country/Region of Manufacture: UK Features: Adjustable Layer Thickness, Adjustable Print Speed, On-Printer Controls Filament compatibility: PLA, ABS, TPU, PETG, Wood, Marble, etc Filament detection: Yes; File format: stl, .obj, .amf File transfer: USB drive off-line printing Interface: USB, USB 2.0 Item Height: 515mm; Item Length: 475 mm Item Width: 445 mm; Manufacturer Warranty: 1 Year; MAX. hotbed temperature: 110° Celsius MAX. nozzle temperature: 300° Celsius Maximum Print Size: 225*225*265mm(mm³) Maximum Resolution: ±0.1mm Printing Speed: 30-500mm/s Suggested Speed: 250mm/s Resume printing: Yes	1	Nos		
4	Human Machine Interfacing	Product type designation: MP277 HMI 10inch-6AV6-643-0CD01-1AX1 Design of display :TFT Screen diagonal: 10.4 inches diagonal Configurable with Siemens WinCC flexible 2005 Standard SP1 software, Number of colors: 65,536 Type of supply voltage: DC Rated value (DC): 24 V Vivitex	1	Nos		
5	Portable Projection with Screen	Model: 85570 (4200 Lumens) SVGA DLP Category: Standard Throw Display Type: 0.55 Inch DLP Max. Supported Resolution: 1900 x 1200 Light Output (lumens) ~4200 Lumens Light Source (Watt)-210Watt Max. Projection Distance-40 ft. Max. Image/Screen Size (Inch)-300 Inch Warranty: 2 Years (Parts warranty 01 Year)	1	Ncs		
Sub Total without VAT						
Add VAT As per Govt Rules						
Grand Total Including VAT & AIT as per Govt Rules						

