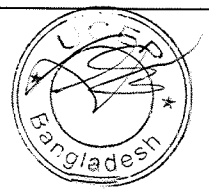
Sl.	Name of the Item	Specification	QTY	UoM	Unit Price	Total Price
					BDT	BDT
1	Computer for PLC Programming (Desktop PC)	Desktop PC Configuration Processor: Intel Core i5 14400F 14th Gen Raptor Lake Processor, RAM: 16GB DDR4 3200MHz. Mother Board: GIGABYTE H610M K DDR4 Micro ATX Motherboard, 14th. Generation Intel® Core, Storage: 512GB M.2 PCIe Gen4 NVMe SSD. Monitro: 21.45" 100Hz Full HD Business Monitor, Brand: HP/DEL UPS: Power 650VA Offline	1	Set		
2	SIMATIC S7-1200 CPU, Including Programming Software TIA-V19 Floating Licence, Lifetime	CPU 1214C, compact CPU, DC/DC/DC, onboard I/O: 14 DI 24 V DC; 10 DO 2 A; 2 AI 0-10 V DC, power supply: AC 85-264 V AC at 47-63 Hz, Brand: SIEMENS Germany, Made in China	2	No		
3	SIMATIC S7-1200 Analog Module	SM 1234 analog input/output module SM 1234 AI 4 x 13 bit / AQ 2 x 14 bit. Part No number. 6ES7234-4HE32-0XB0. Dimensions W x H x D ,Brand: SIEMENS Germany, Made in China	1	No		
4	SIMATIC S7-1200, Communication Module	SIMATIC S7-1200, Communication Module CM 1241, RS422/485, 9-pole D-sub, Part No.6ES7241-1CH32-0XB0, Brand: SIEMENS Germany, Made in China	1	No		
5	SIMATIC S7-1200 Temperature Module	SAnalog Input Module SM1231 Part No.6ES7231-5PD32-0XB0, 4xAI RTD Brand: SIEMENS Germany, Made in China	2	No		
6	Human Machine Interface HMI with Programming Software	DOP-110IG Series,DOP-100 Series Display Size and Type: 10.4" TFT LCD, Display Colors: 16-bit, Resolution (pixels): 800 x 600 Luminance (cd/m2): 300, MCU:ARM Cortex-A8 (800 MHz), Flash ROM (Bytes) 256 RAM (MB) 256, USB 1 USB Slave Ver 2.0 / 1 USB Host Ver 2.0, COM1 RS-232 COM2RS-232 (supports hardware flow control) / RS-485, COM3RS-232 (supports hardware flow control) / RS-422 / RS-485, Brand: Taiwan, Made in China	2	No		
7	SINAMICS V20 VFD	Part No:6SL3210-5BB21-5UV1;Rated Power:1.5KW;Nominal …3 phase Output, Input AC220V , Brand: SIEMENS Germany, Made in China	2	No		



Sl.	Name of the Item	Specification	QTY	UoM	Unit Price	Total Price
					BDT	BDT
8	Delta 750W AC servo systems(Drive+Motor+All Connectiopn Cable)	ASDA-B2 or ASDA-A2 series, offer high-precision motion control for industrial automation, featuring 220VAC input, 3000 RPM rated speed, and a 2.39 Nm rated torque (7.16 Nm peak), Brand: Delta Taiwan, Made in China	1	No		
9	Onboard Spear Parts and Fixing Accessories	Control Cable: 0.5 rm = 1coil, Power Cable: 2rm = 40 yards Relay 24vdc, 14pin= 6pcs, Power Supply 24vdc, 5A=2pcs MCB, 16A = 4pcs, Proximity sensor (PNP-NPN)- 2pcs, Photo sensor (PNP-NPN) – 1pcs, RTC Fuse2A= 2pcs Push Switch=3pcs, Toggle Switch=2pcs, Limit Switch=1pcs, Rotatory encoder= 1pcs, Magnetic Contact = 3pcs, Overload Relay=1pcs, Industrial Connector=30pcs, Potentiometer 5K=1pcs, Cable tie and cable lugs Toggle Switch=2pcs, Industrial Tower Lamp-R,Y,B with buzzer Signal=1set, Operator Panel=1 set, Network Router=1pcs , Brand: China, Made in China	1	Lot		
10	Industrial IoT Gateway	Model: Miot5 , Brand / Origin: China Security: Verified & Password Protected Access Connectivity: Bridged Remote Web Dashboard & Cloud integration, PLC Memory: Read/Write all Digital & Analog registers, Motor Parameters: Live monitoring of Ampere, RPM, Frequency, & Run-Stop status, Sensor Telemetry: Read Encoder Data, Temperature, & Pressure Actuator Operations: Remote command over Relays, Magnetic Contactors, Solenoid Valves, & Pneumatic Cylinders, Domain Service: Dedicated URL routing for 36 Months, Global browser-based access and remote operations	1	No		
11	Power Supply for S7 1200 PLC Unit	SIEMENS Power Supply- SITOP PSU100S – 1no power supply input: 120/230 V AC output: 24 V DC/5 A Brand Siemens Germany, Made in Austria	2	Pcs		



Sl.	Name of the Item	Specification	QTY	UoM	Unit Price BDT	Total Price BDT
12	Panel Type Trainer Steel Table	Table Dimension: Table bade: L-48 inch x W-28 inch, Table H- 26inch + 2 inch wheel=4pcs, break type, Table Features: a) Build with PLC panel on the tabletop bead (L48=inch x W=8 inch, h- 28 inch, Table Features: b) Build with 19 inch Monitor and CPU mounting kit, Table Features: c), Build with induction motor mounting paddle, MS- SWG: 18, powder coated, with all necessary, component mounting, cutting and hole, Brand: BD, Made in BD	1	Set		
13	Induction Motor	400W, 3phase 440	2	Pcs		
14	Heating Cooling Experiment Panel	Panel Size: 10 inch x 12 inch, including 200W Heter, Cooling Fan, RTD Sensor, and Heter+Cooling Fan Indecator	1	Set		
15	Pneumatic Control System	Solenoid Valve (Airtech/SMC) 0.15-0.8 MPa, 24vdc – 3nos Pneumatic Cylinder, SMC, MA20x40, 0.7MPa – 2nos Air Control Regulator 10bar – 1no Pressure Transmitter (WIKA)- 0-10 bar, 4-20ma, 24vdc – 1no Made in China	1	Set		
16	Air Compressor	Max Pressure: 10bar/150psi, Tank Capacity: 12L Width: 26cm, Frequency: 50-60Hz, Height: 60cm Speed: 2800RPM, Air Delivery: 200L/min, Length: 58cm Power: 1HP, Voltage: 220-240V, Includes: Air Filter, Oil Bottle, 2 air couplers, Brand: China, Made in China	1	Set		
17	Plug, female, 2-pole	Type 1, grid size 5.08 mm, scope of supply: 10 plugs	2	No		
18	PLC Lab Setup	Along with the PLC equipment and lab setup, they will also provide an training of the programs. (7 days training)	1	Lot		
19	**02 years warranty period for all the products**					
					Sub Total Without VAT	
					Add VAT as per Govt Rules	
					Grand Total Including VAT & AIT as per Govt Rules	



