

HVAC Trade

S. No.	ITEM NAME	SPECIFICATION	GTVC (B) Ghazi Haripur	GTVC (B) Mans ehra	GTVC (B) DIKhan City	GTVC(B) Charsa da	GTVC (B) Gulbahar Psh	GTVC(B) Bannu	GTVC(B) Chakd ra	GTVC(B) Samar bagh Dir	GTVC(B) Swa t	QTY	Unit Price (Inclusive All Taxes & Transport ation)	Total Price (Inclusive All Taxes & Transporta tion)
1.	Frost Refrigerator	1.5 tons	1									1		
2.	Invertor air condition , reversible	1.5 ton	1	1	1	2			2			7		
3.	4 way solenoids valve	For 1.5 ton AC	2									2		
4.	AC Compressor rotary type 1 ton	1 ton for demonstration type, Hot &Cool, 2400 BTU, Remote Control, trainer	1		1	1			1			4		
5.	AC Remote with complete kit	Universal remote 1.5 Ton AC demonstration type	1									1		
6.	Adjustable Pipe Wrench	12", 16" set			10							10		
7.	Adjustable Screw Wrench	6" (300mm)			10							10		
8.	Air Blower Portable	80w			5	9	2					16		
9.	Air Conditioner	Window Type (Hot And Cool) 1800 BTU, Remote Control, trainer			1	1						2		
10.	Allen Key Set	1-10mm			20							20		

11.	Ampere Meter	01-10 A, 0-100A, (Set Of 3pcs) , Size 96x96 Mm			10		10					20		
12.	Angle Grinder	5" (125mm)			5							5		
13.	Clamp Meter	Digital Multi-Function ACV 0 – 750V, DCV100mV – 300V, DCA 100 Micro Ampere –5 Amp, AC A 100 m A – 30 A.Resistance 0 - 10 M Ohm,Diode & Transistor Test.Hold facilityFrequency: 0 -1kHzCapable of measuring POWER(0 -500 Watts) & (0-500 VARS)Enable to Measure Power FactorEnable to Measure Power FactorContinuity BeeperWith protectionWith all standard accessories			10		2	8		6	4	30		
14.	Combination Plier (500KV Insulated)	500V Insulated 8"						10				10		
15.	Cone Ice Cream Machine	Demonstration type							1			1		
16.	Compressor 2					2						2		

	Ton R.P.T												
17.	Compressor 1/4, 1/5, 1/6 R.P.T					6						6	
18.	Copper Tube cutter					5						5	
19.	DC Inverter AC	1 ton Demonstration Type	1									1	
20.	Deep Freezer Triplet	1 ton Demonstration Type				1						1	
21.	Desert Water cooler	Demonstration Type	1									1	
22.	DIGITAL MULTIMETER	Specification DC Voltage :100 mV ~ 1000V DC Current: 100 μ A ~ 10A Resistance : 100 Ω ~ 100 M Ω AC Voltage: 100mV ~ 750V AC Current: 100mA ~ 10A Power Source: 230 V (With all accessories mention in the brochure and instructional manual and Student manual)								4	4	4	
23.	Digital Thermometer Wet And Dry Bulb	0~100% RH (-30 ~80 °C/-22 ~176F)				5						5	
24.	Double Flaring	Tool Kit				10						10	
25.	Drill Machine	Pedestal type						1		1	1	3	
26.	Electric Water Cooler	Demonstration Type						1				1	

27.	Electronic Leak detector	Refrigerant type	2								2		
28.	Electronics Leak Detector							4			4		
29.	Gauge Manifold with charging hose pipe		1		5	2					8		
30.	Hack saw frame	12"					6				6		
31.	INDUSTRIAL REFRIGERATION TRAINER	Insulated refrigeration chamber with integrated evaporator, electric defrost heater and condensate drip tray Refrigeration chamber, condensing unit and power supply equipped with shock-proof lab jacks Refrigerant R134a, CFC-free Air-cooled condensing unit Evaporator with fan 220V 1 phase, 50Hz, 1 condensing unit 1 refrigeration chamber 1 set of instructional material Air Conditioner Trainer Air Conditioning System Trainer contains three types of liquid control devices, a capillary tube, Thermostatic expansion valve, and hand		1							1		

		<p>expansion valve. A reversing valve is included so that the system may be run as a heat pump. all of the system's fittings have been brazed. The trainer includes sight glasses and pressure gauges at the inlet and outlet of the evaporator and condenser, thermometer wells, temperature and pressure controls, Receiver, filter dryer, and accumulator. It is factory charged with R-410A refrigerant. Furnished complete with operating instructions, experiment and teacher manuals.</p> <p>The components are mounted to a panel and completely piped and wired. All components are clearly identified by legends. The panel is mounted to a mobile cart with four (4) casters, two with brakes.</p>												
32.	Laser type digital thermometer	0 degree C to 500 degree C	2									2		
33.	LEVER TYPE TUBE BENDER	(SWAGE LOCK SIZE 5/16")							5	10	15			

34.	LEVER TYPE TUBE BENDER	(SWAGE LOCK SIZE 5/8")								10	3	13		
35.	Micro Meter	0-25mm (Digital)					6					6		
36.	oxygen Gauge					4						4		
37.	Oxygen Regulator		1									1		
38.	Pipe Wrench	24"				2						2		
39.	Pipe Wrench	8"				2						2		
40.	Pipe Wrench	12"				2						2		
41.	Pipe Wrench	18"				2						2		
42.	Punching Plier						6					6		
43.	Ratchet Spanner set	7 No to 27 No				2						2		
44.	Ratchet type flaring tool set Rigid	in inches					6					6		
45.	Refrigerator	demonstration type				1			1			1		
46.	Rotary Compressor- Rotary Blade Type	1 Ton					1		2			2		
47.	Temperature, Humidity Transmitters	0+100 C	1									1		
48.	Tools Box empty					30						30		
49.	Trainer Air Conditioner	Insulated refrigeration chamber with integrated evaporator, electric defrost heater and condensate drip tray	1									1		

		<p>Refrigeration chamber, condensing unit and power supply equipped with shock-proof lab jacks</p> <p>Refrigerant R134a, CFC-free</p> <p>Air-cooled condensing unit</p> <p>Evaporator with fan 220V 1 phase, 50Hz,</p> <p>1 condensing unit</p> <p>1 refrigeration chamber</p> <p>1 set of instructional material</p> <p>Air Conditioner Trainer</p> <p>Air Conditioning System Trainer</p> <p>contains three types of liquid control devices, a capillary tube, Thermostatic expansion valve, and hand expansion valve. A reversing valve is included so that the system may be run as a heat pump. all of the system's fittings have been brazed. The trainer includes sight glasses and pressure gauges at the inlet and outlet of the evaporator and condenser, thermometer wells, temperature and pressure controls, Receiver, filter dryer, and accumulator. It is factory charged with R-410A</p>																	
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		<p>refrigerant. Furnished complete with operating instructions, experiment and teacher manuals.</p> <p>The components are mounted to a panel and completely piped and wired. All components are clearly identified by legends. The panel is mounted to a mobile cart with four (4) casters, two with brakes.</p>												
50.	<p>trainer domestic & commercial AC</p>	<p>Insulated refrigeration chamber with integrated evaporator, electric defrost heater and condensate drip tray Refrigeration chamber, condensing unit and power supply equipped with shock-proof lab jacks Refrigerant R134a, CFC-free Air-cooled condensing unit Evaporator with fan 220V 1 phase, 50Hz, 1 condensing unit 1 refrigeration chamber 1 set of instructional material Air Conditioner Trainer Air Conditioning System Trainer contains three types of liquid control devices, a capillary tube, Thermostatic expansion</p>		1								1		

		<p>valve, and hand expansion valve. A reversing valve is included so that the system may be run as a heat pump. all of the system's fittings have been brazed. The trainer includes sight glasses and pressure gauges at the inlet and outlet of the evaporator and condenser, thermometer wells, temperature and pressure controls, Receiver, filter dryer, and accumulator. It is factory charged with R-410A refrigerant. Furnished complete with operating instructions, experiment and teacher manuals. The components are mounted to a panel and completely piped and wired. All components are clearly identified by legends. The panel is mounted to a mobile cart with four (4) casters, two with brakes.</p>												
51.	Vacume Gauge digial		1									1		
52.	Watt Meter	400-500 watt						2				2		