

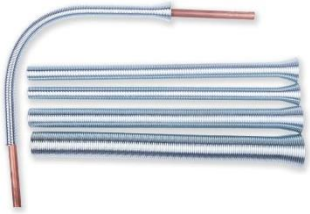




















Project Number: 20.2045.1-061.03





A. TECHNICAL SPECIFICATIONS




ITEM NO.	ITEM NAME	ITEM DESCRIPTIONS	QUANTITY	
1	Oxygen trolley	<ul style="list-style-type: none"> Oxygen cylinder's diameter: Ø 120mm 2 Rubber wheels Load bearing: 200kg Dimensions: 27*28*110 cm Steel Body 	1	
2	Pressure Gauge oxygen welding Torch	<ul style="list-style-type: none"> fits Acetylene MC Tanks Solid machined brass body Standard 9/16" - 18 RH & LH Outlet Hose Fittings Oxygen Delivery Gauge: 0-100 PSI / Acetylene Delivery Gauge: 0-30 PSI 	2	
3	bending spring	<ul style="list-style-type: none"> Spring Style Copper Tube Bender Set Set of 5 Spring Benders Sizes: 1/4, 5/16, 3/8, 1/2 and 5/8 inch O.D. Copper Tubing 	2	
4	bender tool	15mm,6mm,8mm,10mm&12mm O.D.Tubing wide hook grips equipped with non-slip	2	
5	Oxygen cylinder	<p>Oxygen cylinder , 10 Lt + 5 Lt</p> <ul style="list-style-type: none"> 10 Lt Working Pressure: 150 kgf/cm² Gas Capacity:1.5 Cubic Meter Fill Pressure – 200bar - 2900psi Cylinder Material: Mild Steel 5 Lt 	2	

6	LPG Gas Cylinder	<p>Test pressure 34 bar Volume 26,2 Litter Tare weight 16 Kg</p>	1	
7	LPG Gas Cylinder	<p>Test pressure 34 bar Volume 12 Litter Tare weight 5 Kg</p>	1	
8	Oxygen hose	<ul style="list-style-type: none"> • Single • Bursting Pressure : 60Bar • 8mm • Flexible Synthetic Rubber Hoses. • Textile Yarn braided hose. 	2	
9	Leak detector tools	<ul style="list-style-type: none"> • 3 Selectable Sensitivity Levels - High/Medium/Low; With a maximum sensitivity up to 0.14oz/yr. • Responds to all kinds of halogenated refrigerants and meets EN14624, SAE-162, SAE-2791 and SAE-2913 standards 	2	
10	Multimeter	<ul style="list-style-type: none"> • capable of measuring AC/DC voltage up to 1000 volts • capable of measuring AC/DC current up to 10Amperes • capable of measuring resistance up to 50 Mega Ohm 6 	13	
11	Clamp meter	<ul style="list-style-type: none"> • Fully Safety jaw • Ergonomic over-molded body gives convenient one-hand operation • Large easy-to-read display with 0.01A resolution 	13	







		<ul style="list-style-type: none"> • Accurate reading with True RMS • 60/600/1000A auto-ranging • • Long battery life 		
12	Vacuum pump	<ul style="list-style-type: none"> • Max . pumping speed 1 .3 (0 .77) m3/h (cfm) • Ultimate pressure mbar (Torr) $\leq 2.0(\leq 1 .5)$ 	2	
13	Flaring tool kit with pipe cutter	<ul style="list-style-type: none"> • applies to 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4"O.D. tubing • 1 flaring cone, 2 flaring bars, 5 swaging adapters, 1 tube cutter, 1 ratchet wrench and 1 storage case • tough steel and chrome plated. A hard plastic storage case 	13	
14	tube expander	<ul style="list-style-type: none"> • 7 X expander heads: 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8 • hardened steel 	13	
15	gauge	<p>Name:R410a R134a Manifold Gauge Specifications: Measuring Range Red: 0-55Bar/800PSI Blue: 0-35Bar/500PSI Material: Brass+Steel+Plastic Color: Blue+Red Size:167mmx190mm</p>	12	
16	Angle measurement tool	<p>measure length (0-25 cm/ 0-10 inches) by fixed ruler and measure length (0-30 cm/ 0-12 inches) by moving ruler,</p>	13	

17	Digital vernier caliper	<ul style="list-style-type: none"> Resolution: 0.01mm/0.0005" Battery: LR44 Range: 0 to 300 mm 	5	
18	Split Unit	<p>Wall mounted split unit (1 ton) R22</p> <ul style="list-style-type: none"> 3D Airflow Cold Air Prevention LED Display Timer TURBO Button Self- Diagnosis Dehumidifying Auto Restart Healthy Filter 	2	
19	Split Unit	<p>Wall mounted split unit (1.5ton) R22</p> <ul style="list-style-type: none"> 3D Airflow Cold Air Prevention LED Display Timer TURBO Button Self- Diagnosis Dehumidifying Auto Restart Healthy Filter 	2	
20	Split Unit	<p>Wall mounted split unit (2ton) R22</p> <ul style="list-style-type: none"> 3D Airflow Cold Air Prevention LED Display Timer TURBO Button Self- Diagnosis Dehumidifying Auto Restart Healthy Filter 	2	
21	Split Unit	<p>Floor stand air conditioner (2.5ton) R22</p> <ul style="list-style-type: none"> 3D Airflow Cold Air Prevention LED Display Timer 	2	

		<ul style="list-style-type: none"> • TURBO Button • Self- Diagnosis • Lock • Auto Restart • Healthy Filter 		
22	Split Unit	<p>Floor stand air conditioner (4ton) R22</p> <ul style="list-style-type: none"> • 3D Airflow • Cold Air Prevention • LED Display • Timer • TURBO Button • Self- Diagnosis • Lock • Auto Restart • Healthy Filter 	2	
23	Split Unit	<p>Wall mounted split unit Inverter (1 ton) R410</p> <ul style="list-style-type: none"> • 3D Airflow • Cold Air Prevention • LED Display • Timer • TURBO Button • Self- Diagnosis • Dehumidifying • Auto Restart • Healthy Filter 	2	
24	Split Unit	<p>Wall mounted split unit Inverter (1.5ton) R410</p> <ul style="list-style-type: none"> • 3D Airflow • Cold Air Prevention • LED Display • Timer • TURBO Button • Self- Diagnosis • Dehumidifying • Auto Restart • Healthy Filter 	7	
25	Split Unit	<p>Wall mounted split unit Inverter (2ton) R410</p> <ul style="list-style-type: none"> • 3D Airflow • Cold Air Prevention • LED Display • Timer 	2	

		<ul style="list-style-type: none"> • TURBO Button • Self- Diagnosis • Dehumidifying • Auto Restart • Healthy Filter 		
26	Split Unit	<p>Floor stand air conditioner (2.5ton) R410</p> <ul style="list-style-type: none"> • Quick Cooling /Heating • Wide Operation Climate Range • Quiet Design • Cold Air Prevention • LED Display • Timer • Refrigerant Lacking Protection • Self- Diagnosis • Lock • Auto Restart • Healthy Filter 	2	
27	Split Unit	<p>Floor stand air conditioner (4ton) R410</p> <ul style="list-style-type: none"> • Quick Cooling /Heating • Wide Operation Climate Range • Quiet Design • Cold Air Prevention • LED Display • Timer • Refrigerant Lacking Protection • Self- Diagnosis • Lock • Auto Restart • Healthy Filter 	2	
28	compressor	<p>Split AC compressor(1,1.5,2,2.5,4 Ton) Voltage: 220-240V/50HZ</p>	5	

29	bench vice	Size : 5	2	
30	Gas	<ul style="list-style-type: none"> • Refrigerant gas (R22) • 13.6 KG • R22 – hydrochlorofluorocarbon (HCFC) • Cylinder Material: Cast Iron • Purity: 99.99% 	3	
31	Gas	<ul style="list-style-type: none"> • Refrigerant gas (R410) • 13.6 KG • Type: Hcfc • Cylinder Material: Cast Iron • Purity: 99.99% 	3	
32	Gas	<ul style="list-style-type: none"> • Refrigerant gas (R32) • 13.6KG • Cylinder Material: Cast Iron • Purity: 99.99% 	3	
33	Ball bearing pulle	<ul style="list-style-type: none"> • two and three arm bearing pullers (2 types) • Material: CARBON STEEL 	2	
34	refrigerant scale	<ul style="list-style-type: none"> • Wireless digital refrigerant scale • 100KG Capacity 	2	

35	Cleaning Machine	<p>AC cleaning machine</p> <ul style="list-style-type: none"> • Wattage: 80 watts • Automatic cut off with the pressure control • Pressure bar of 0.7-1Mpa and flows with 4L/M 	2	
36	Pipe	<p>Copper pipe (1ton) in m Discharge: ¼ Suction: 3/8</p>	25	
37	Pipe	<p>Copper pipe (2ton) in m Discharge: 3/8 Suction: 5/8</p>	25	
38	Pipe	<p>Copper pipe (4ton) in m Discharge: 3/8 Suction: 3/4</p>	25	
39	AC Stand	<ul style="list-style-type: none"> • AC mobile stand, for hanging AC units. • Metal Body • Movable 	6	
40	Recovery Machine	<ul style="list-style-type: none"> • Refrigerant recovery machine • Refrigerants: CFC,HCFC,HFC • Power Speed: 100-240V/50-60Hz • Motor: 3/4HP • Compressor: oil free,piston style • Automatic safe Shut-off: 38.5bar/3850kpa 	1	

Remarks:

- a) **The winner of the tender should provide all the items given above!**

B. DELIVERY LOCATIONS, PACKING AND TERMS:

The bidder must provide a catalogue for the items above for evaluation purposes.

The bidder who is proposed to be awarded is obliged to deliver the items to the location as stated below:

Swedish Academy for Training, Ronkai Quarter, Ronaki Street, Erbil, Iraq

DELIVERY TERMS:

- The supplier is responsible for the unloading at the final place of destination
- The supplier shall provide all necessary tools for unloading

PACKAGING:

As per International Medical Transportation Standards.