














MARINE WORKSHOP			
1	<b>Diesel engine model</b>	Working principle of internal combustion engine Physical experiment equipment <b>Same model and specs or equivalent.</b>	
2	<b>Gasoline Engine Model</b>	Four-Stroke Internal Combustion Engine Model Gasoline Engine Small Oil Burner Diesel Engine Model. <b>Same model and specs or equivalent.</b>	
3	<b>Electric Car Vacuum Assisted Hydraulic Brake Training Bench</b>	New Energy Electric Vacuum Assisted Hydraulic Brake Training Bench, based on double pipeline X - type arrangement of automobile braking system, the structure and working process of automobile braking system. <b>Same model or equivalent.</b> <i>With Assembling/Installation</i>	
4	<b>Automobile Diesel Fuel Injector Nozzle Tester</b>	Injector tester for performing standard tests.	
5	<b>Diesel fuel common rail injector tester</b>	Equipment needs to have provision to test common rail injectors. <b>Same model and specs or equivalent</b>	
6	<b>Diesel fuel injection injector nozzle tester PJ-60</b>	Equipment needs to have provision to test injector nozzles <b>Design Features:</b> 1. Modulated driving signal to ensure the safety of the solenoids of the injectors 2. Injector driving signal - Adjustable frequency and pulse width 3. Short circuit protection for solenoid driving signals 4. Rich accessories, ready to test Bosch, Denso and Delphi injectors	

		<p>Max Pressure: 40Mpa</p> <p>Size: 320*300*500</p> <p><b>Same model and specs or equivalent</b></p>	
7	<p><b>Automatic Car Ultrasonic Tank Liquid Cleaning Equipment</b></p>	<p>Equipment needs to have provision to clean injectors.</p> <p>Type: Injector Cleaner</p> <p>Voltage: 110V-60HZ 220V-50/60HZ</p> <p>Power: 200W</p> <p>Applicable Models: 8 Cylinders Vehicle</p> <p>Brand Name:</p> <p>GATMATIC or Equivalent</p> <p>Easy Operation:</p> <p>Ultrasonic Cleaner Power:</p> <p>60W</p> <p>LED Display</p> <p>PW range: 0.1-30ms</p> <p><b>Same model and specs or equivalent</b></p>	
8	<p><b>Fuel Pressure Gauge Meter</b></p>	<p>Equipment needs to have provision to test fuel pumps.</p> <p>Fuel Pressure Meter Tester Oil Combustion Spraying Injection Gauge Test Tool Kit,</p> <p>ZT-04105A - ZIMBER-TOOLS OR equivalent</p> <p>TU-114 Manometer Fuel Pressure Tester Kit Injection Gauge Gasoline Tool</p> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>-Kit includes copper adapter</li> <li>-Components fitted with quick coupling system and safety valve</li> <li>-To prevent inadvertent discharge of fuel under pressure</li> <li>-Pressure release valve fitted with long drain hose allows safe recovery of fuel</li> </ul> <p>Application:</p> <p>Fault diagnosis for Automotive Fuel</p> <p>Package included:</p> <p><b>Same model and specs or equivalent</b></p>	







9	<b>Automotive training model</b>	<p>Educational Transmission Disassembly Trainer Automotive Training Equipment.  Technical parameter  1. Dimensions: 850x600x1100mm(L x W x H)  2. Flip frame: manual 360degree rotation  3. Manual operation</p> <p>Product description  The trainer displays the basic principles and structures of front wheel drive transmission.  Students can disassemble and assemble the front wheel drive transmission on the flip stand.  The transmission can be rotated 360o and can remain at any angle during disassembly.  <b>Same model and specs or equivalent</b>  <i>With Assembling/Installation</i></p>	
10	<b>Car engine Stand Tools</b>	<p>hydraulic car engine Stand Tools  2000lb Engine Stand Folding Motor Hoist Mover Auto Repair Rebuild Jack Rotating Engine Head, Yellow</p> <ul style="list-style-type: none"> <li>• Material: Steel</li> <li>• Foldable: Yes</li> <li>• Max Weight Capacity: 2000LBS</li> <li>• Mounting Head Bolt Holes: 4</li> <li>• 360 Degree Rotating Head: Yes</li> </ul> <p><b>Same model and specs or equivalent</b></p>	

11	<b>Air hydraulic motorcycle lift</b>	<p>2200LBS Motorcycle Lift with CE certification scissor hydraulic motorcycle lift.</p> <p>Lifting height: 1200mm</p> <p>Overall Width: 890mm</p> <p>Min height: 170mm</p> <p>Lifting capacity: 1000kg</p> <p>Table size: 730*2220mm</p> <p><b>Same model and specs or equivalent</b></p>	
12	<b>Hydraulic Car Lift</b>	<p>Four post Vehicle Hydraulic Car Lift with Car Jack Lift.</p> <p>Design: Four Post</p> <p>Type: Four Cylinder Hydraulic Lift:</p> <p>Lifting Capacity: 3500 kg/4000kg</p> <p>Lifting height: 1700mm (67")</p> <p>Platform length: 4250 mm (167")</p> <p>Min height: 200 mm (7.9")</p> <p>Power supply: 220V 1PH 50/60Hz</p> <p>2.2KW 220/380V 3PH 50/60Hz 2.2KW</p> <p>Release: Manual lock release (Optional Pneumatic Lock Release)</p> <p><b>Same model and specs or equivalent</b></p> <p><i>With Assembling/Installation</i></p>	
13	<b>Car Wheel Balancer</b>	<p>Car Wheel Balancer U-579 Top Line</p> <p>Laser Pointer 3D Animation Interface</p> <p>Automatic Disc Brake</p> <p><b>Car Wheel Balancer U-579 Top Line</b></p> <p><b>Laser Pointer 3D Tire Balancing</b></p> <p><b>Machine Animation Interface</b></p> <p><b>Automatic Disc Brake.</b></p> <p>Power: 0.20/0.37kw</p> <p>Power Supply:</p> <p>110V(1ph)/220V(1/3ph)/380V(3ph)</p> <p>Balancing Speed: 200 r.p.m</p> <p>Max. Wheel Weight:</p> <p>65kg(143lbs)</p> <p><b>Same model and specs or equivalent</b></p> <p><i>With Assembling/Installation</i></p>	

14	<b>Tire changer equipment</b>	<p>Tire changer equipment with CE for low profile tires with helper arm.</p> <p>Motor Power: 0.75kW/ 1.1 kW</p> <p>Operating Pressure: 8-10 bar/ 117-145 psi</p> <p>Power Supply: 110V/220V/240V/380V/415V 50Hz/60Hz</p> <p>Working Pressure: 8-10bar/117-145psi</p> <p>Outside clamping: 10-22"</p> <p>Inside clamping: 13-24"</p> <p>Max. wheel width: 3-15"</p> <p>Max. wheel diameter: 1000mm(40")</p> <p>Bead breaker force: 2800kg</p> <p><b>Same model and specs or equivalent</b> <i>With Assembling/Installation</i></p>	
15	<b>Indoor Electric Hoist 10 Ton Gantry Crane</b>	<p>*Adjustable height portable gantry crane</p> <p>*Capacity up to 10 ton</p> <p>Span (m) 2-12 (customized)</p> <p>Height (m) 1-10 (customized)</p> <p>Lifting equipment Manual / Electric wire rope or Chain hoist</p> <p>Power 380V 50HZ 3P or As Required</p> <p><b>Same model and specs or equivalent</b> <i>With Assembling/Installation</i></p>	
16	<b>Battery charger</b>	<p>Battery charger pulse repair high volts 12v 24v</p> <p><b>Same model and specs or equivalent</b></p>	

17	<b>Battery Charger</b>	Battery Charger High-Capacity Single Phase Wheeled Lead Acid CD-520A Emergency <b>Same model and specs or equivalent</b>	
18	<b>High pressure car washer</b>	High pressure car washer electric car washer water jet cleaner. Equivalent or above of the following spec: <ul style="list-style-type: none"> <li>• 1.8kW Universal Motor</li> <li>• 420Ltr/hr Max. Flow Rate</li> <li>• 6m High Pressure Hose</li> <li>• Rotary Power Control</li> <li>• Vario &amp; Dirt Blaster Nozzles</li> </ul> <b>Same model and specs or equivalent</b>	
19	<b>Hose Reel Rewindable</b>	Hose Reel Rewindable Irrigation System Wall Mounted Auto Retractable Portable with 20M Hose	
20	<b>Oil-less piston rings air-compressor</b>	Oil-less piston rings air-compressor 300liter silent air compressor <b>Same model and specs or equivalent</b>	
21	<b>Car oil Gun</b>	Car oil Gun air washing gun including Spray Gun. <b>Material:</b> Metal <b>Item dimensions:</b> L x W x H Approx. 35 x 13 x 35cm <b>Exterior Finish:</b> painted <b>Inlet Connection Type:</b> Compression <b>Outlet Connection Type:</b> Quick Connect	
22	<b>Air Blow Gun</b>	Air Blow Gun Plastic High Pressure Car Cleaning Detailing Gun Color :Black, Grey Adapter :1/4" NPT Size :30*9*2CM Maximum Air Pressure: 230psi / 16kg	











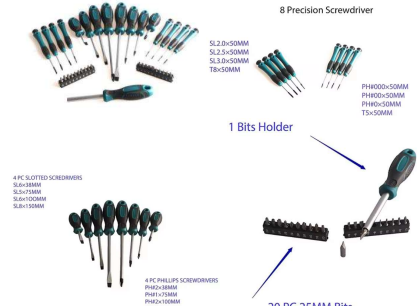



		Working Air Pressure: 90 - 120psi / 6.2 - 8kg Specific Air Consumption: 8CMF / 220L/Min Material: Premium Import Engineering Plastic & Metal	
23	<b>Inflator Pressure Gauge</b>	Car Tire Inflator Pressure Gauge: Pressure range: 0~1200kPa Accuracy: 2% Material: Metal, Aluminum, Rubber, etc Size: 2" Application: Car, Bicycle, Motorcycle etc Medium: Non-corrosive Gas	
24	<b>Gear Puller Set</b>	Gear Puller Bearing Separator and Puller Set 10Tons	
25	<b>Floor Jack</b>	Floor Jack for Lifting aluminum racing Capacity: 3Ton Min. Height mm: 85mm Max. Height mm: 330mm <b>Same model and specs or equivalent</b>	
26	<b>Heavy Duty Folding Jack Stand</b>	Car Screw Jack Stand Heavy Duty Auto Adjustable Folding Max Height: 430mm/600mm Rated Load: 3ton;6ton Min Height: 295mm/390mm <b>Same model and specs or equivalent</b>	
27	<b>Torque Wrench</b>	Torque Wrench for nut screw and automobile service torque spanner 20nm-100nm adjustable	
28	<b>Battery type digital electronic Torque</b>	Battery type digital electronic torque wrench 1/2 Inch Drive 10nm-200nm	









	<b>wrench 1/2 Inch Drive</b>		
29	<b>Torque Wrench</b>	1/2 Inch NM Click Type Preset Torque Scale 28-210 N.M;	
30	<b>Torque Wrench and Adjustable Torque Wrench 3/8" Drive</b>	Torque wrench 1.Accuracy is $\pm 4\%$ of reading. 2.Alloy steel pipe has a clear scale, easy to read. 3.Special heads can be made to use. 4.Reversible ratchet head to complete the clockwise and counter clockwise operation space of 8 degrees.	
31	<b>Outside micrometer metric</b>	Outside micrometer metric micrometer (Mitutoyo or equivalent) 0-25mm	
32	<b>Outside micrometer metric micrometer</b>	Outside micrometer metric micrometer (Mitutoyo or equivalent) 25-50mm	
33	<b>Outside micrometer metric</b>	Outside micrometer metric micrometer (Mitutoyo or equivalent) 50-75mm	
34	<b>Outside micrometer metric</b>	Outside micrometer metric micrometer (Mitutoyo or equivalent) 75-100mm	
35	<b>Outside micrometer metric</b>	Outside micrometer metric micrometer (Mitutoyo or equivalent) 100-150mm	
36	<b>Inside micrometer metric</b>	Inside micrometer metric micrometer (Mitutoyo or equivalent) 6-12mm	
37	<b>Inside micrometer metric</b>	Inside micrometer metric micrometer (Mitutoyo or equivalent) 12-20mm	
38	<b>Inside micrometer metric</b>	Inside micrometer metric micrometer (Mitutoyo or equivalent) 12-20mm	







39	<b>Digital Inside micrometer metric</b>	Inside micrometer metric micrometer (Mitutoyo or equivalent) 3-100mm	
40	<b>Stainless Steel Vernier Caliper</b>	Stainless Steel Vernier Caliper High Quality (Mitutoyo or equivalent) 0-150mm	
41	<b>Micrometer depth gauge</b>	Micrometer depth gauge, depth micrometer (Mitutoyo or equivalent) 0-150mm	
42	<b>Double-Beam Digital Height Gauge</b>	Double-Beam Digital Height Gauge 0-300mm	
43	<b>Telescoping Gauges SET</b>	Adjustable Full Ball Small Hole Gage Inner Diameter 4PCS 3-13mm	
44	<b>Bore Gauge (Mitutoyo)</b>	Bore Gauge (Mitutoyo or equivalent) 25-50mm	
45	<b>Bore Gauge (Mitutoyo)</b>	Bore Gauge (Mitutoyo or equivalent) 50-75mm	





46	<b>Bore Gauge (Mitutoyo)</b>	Bore Gauge (Mitutoyo or equivalent) 75-100mm	
47	<b>Bore Gauge (Mitutoyo)</b>	Bore Gauge (Mitutoyo or equivalent) 100-150mm	
48	<b>Feeler Gauge</b>	Feeler Gauge 20 blatts, 0.05-1.00mm	
49	<b>Dial indicators With Stand (Mitutoyo)</b>	dial indicators with Stand (Mitutoyo or equivalent) 5 numbers	
50	<b>Tap and Die Set with Wrenches and Thread Gauge</b>	40Pcs M3-M12 Screw Nut Tap and Die Set with Wrenches and Thread Gauge Heavy Duty Hand Tools for Threading Repair <b>Same model and specs or equivalent</b>	
51	<b>108 pcs Combination Spanner Box Tool Socket Sets Wrench Kit for Car Repair</b>	108 pcs Combination Spanner Box Tool Socket Sets Wrench Kit for Car Repair <b>Same model and specs or equivalent</b>	
52	<b>499pcs Multifunctional Wrench Ratchet Spanner Combination Tools Car Repair Tool</b>	499pcs Multifunctional Wrench Ratchet Spanner Combination Tools Car Repair Tool Set Wrench Box <b>Same model and specs or equivalent</b>	

	<b>Set Wrench Box</b>		
53	<b>Heavy Duty Tool Combination wrench</b>	Heavy Duty Tool Combination wrench 8mm,14mm,24mm,10mm,11mm,12mm,13mm,15mm,16mm,17mm,18mm,19mm,30mm,32mm,22mm,21mm,27mm	
54	<b>Screwdriver Set</b>	Screwdriver Set 37 pcs screwdriver set,4 pc phillips screwdrivers 1 bits holder 20 pc 25mm bits	
55	<b>Screw Driver Set</b>	100PCS CRV Screwdriver set precision professional Multifunction 100 pieces' screw driver bit torx	
56	<b>Heavy tool cart with 7 drawers</b>	Heavy tool cart with drawers 7 Drawers Product Dimensions: W750×D460×H1050MM Shape: Rectangle Material Type: bosity Eco-friendly Galvanized Iron, door plastic	
57	<b>Deep Socket Set</b>	29 Piece 1/2" Drive Impact Socket Set, Deep Socket with Extension Bar, Cr-V Steel, SAE & Metric, 6 Point, (3/8" - 1", 10-24mm)  <b>SAE:</b> 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1". <b>Metric:</b> 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm <b>Accessory:</b> 3", 5", 10" Extension Bar <b>Any Brand.</b>	





58	<b>Rubber Hammer with Wood Handle</b>	Rubber Mallet Hammer with Wood Handle–8-oz, black. Size: 3.35"L x 2.36"W x 12.6"Th Any brand	
59	<b>Round head hammer with wooden handle</b>	Ball Peen Hammer 16 oz <b>Head Material:</b> carbon steel Hammer head and handle are inseparable. Fiberglass Shock Reduction Handle Size: Approx.11.8 x 4.13 x 1.1 inches Any brand	
60	<b>Claw hammer with rubber handle</b>	16OZ Claw Hammer Forged Carbon Steel Head Handle: Fiberglass or Wood Size: Size: Approx.11.8 x 4.13 x 1.1 inches. Any brand	
61	<b>Machinist hammer with wooden handle C45 carbon steel forged hammer head size 100g-8kg</b>	<ul style="list-style-type: none"> <li>- Machinist hammer</li> <li>- high-carbon steel forged hammer head</li> <li>- Head Size 2.2lbs /1000g, length 133mm, width 37mm,</li> <li>- cross peen hammer handle with high-strength fiberglass covered with non-slip rubber.</li> <li>- Handle size: Total length approx. 16inches</li> </ul> Brand: Any brand	
62	<b>Brass Hand Tool Hammer</b>	Mini Copper Hammer DIY Handwork with Extensible and Detachable Head Diameter 15mm,12mm,10mm. Plastic handle. Copper Alloy Hammer Head	
63	<b>Vice grip plier wrench (a)</b>	Vice grip plier wrench, Curved Jaw Locking. Material: steel material, rustproof, anti-corrosion and durable. <b>Size: 8".</b>	
64	<b>Vice grip plier wrench (b)</b>	Vice grip plier wrench, Curved Jaw Locking. Material: steel material, rustproof, anti-corrosion and durable. <b>Size: 10".</b>	
65	<b>vertical diagonal cutting pliers for cutting plastic</b>	Cutting Plier Plastic Nipper/6" 90 Degree Wire Cable Cutter Pliers/Diagonal Cutting Pliers.	

66	Plier Set of 17pcs	<p>Following Items MUST be there in the set</p> <ul style="list-style-type: none"> <li>• <b>Wire strippers:</b> 7" wire stripping pliers</li> <li>• <b>Water pump pliers:</b> 7" water pump, 10" water pump</li> <li>• <b>Circlip pliers:</b> 7" inner/straight, 7" inner/bent, 7" outer/straight, 7" outer/bent</li> <li>• <b>Cutting pliers:</b> 5" side cutters, 6" side cutters, 6" heavy duty side cutters, 8" heavy duty side cutters, 8" offset heavy duty side cutters, 8" cable cutters</li> <li>• <b>Long nose pliers:</b> 8" long nose, 6" flat long nose</li> <li>• <b>Combination pliers:</b> 7" heavy duty combination, 8" heavy duty combination</li> </ul> <p>Same sizes and types needed. Brand can be ANY and or customized.</p>	
67	Spring Caliper Divider 10"	<p>Spring Caliper Divider 10"</p> <p>Accurate adjustments inside spring dividers outside spring Calipers</p>	
68	32pcs Transfer punch Set	<ul style="list-style-type: none"> <li>• Hardened tips</li> <li>• Handy storage pouch</li> </ul> <p>Size: 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", 1/4", 17/64", 9/32", 19/64", 5/16", 21/64", 11/32", 23/64", 3/8", 25/64", 13/32", 27/64", 7/16", 29/64", 15/32", 31/64", 1/2", 17/32", 3/4", 7/8", 1", 5/8"</p>	
69	Pin Punch Set	<p>Pin Punch Set</p> <p>9 × Pin punches with storage pouch (Pin Sizes: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16")</p> <p>1 × Universal block</p> <p>1 × Hammer with 2 spare rubber heads</p>	


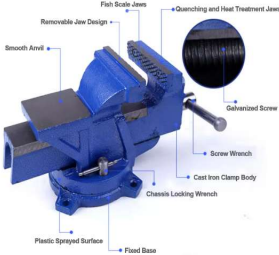






70	<b>Piston Ring Compressor</b>	<p><b>Piston Ring Compressor.</b></p> <p>Engine Air Piston Ring Compressor Tool Set Auto Motorcycle Repair Tool for Piston Ring Service Compressor Tool Kit for Car.</p> <p>Application: Armature Bearing Puller Function: Auto Tool Maintenance Material: Steel Package: Blow Mould Case Color: Any <b>Same model and specs or equivalent</b></p>	
71	<b>Adjustable Piston Removal Hand Tool Set.</b>	<p><b>Adjustable Piston Removal Hand Tool Set.</b></p> <p>Product Name: Piston Ring Compressor Material: A3 Carbon Steel Specification: 40-100mm, 80-120mm, 100-160mm Weight: 0.3kg / 0.35kg /0.41kg Color: Any</p>	
72	<b>Camshaft Alignment Tool</b>	<p><b>Camshaft Alignment Tool</b> <b>Same model and specs or equivalent</b></p>	
73	<b>Slide Hammer Gear and Bearing Puller Set</b>	<p><b>Slide Hammer Gear and Bearing Puller Set</b></p> <p>Slide Hammer Gear and Bearing Puller Set.</p> <p>Engine Camshaft Alignment Timing Tool Kit for BMW Mini Copper N12 N14 1.4 1.6 Citroen Peugeot Engines</p> <p>Contains: -Crankshaft locking tool (OEM I 19590) -Camshaft locking tool (OEM I 19540) -Chain tensioner (OEM I 19340)</p> <p>Engines Suitable for: -Mini: Cooper, Cooper S, One N12 N14 -Citroen: C4, C4 picasso -Peugeot :207, 308 <b>Same model and specs or equivalent</b></p>	











74	<b>Slide Hammer Gear and Bearing Puller Set</b>	<p>Slide Hammer Gear and Bearing Puller Set.</p> <p>5pcs Slide Hammer Gear/Bearing Puller Slide Hammer Puller Set Internal/External Slide Hammer Pullers Set.</p> <p>Specifications: Chrome plated steel T-handle for secure grip Chrome-plated shaft for smooth operation Contains: 10mm-14mm,15mm-19mm,18mm-25mm,25mm-32mm Internal/external cone <b>Same model and specs or equivalent</b></p>	
75	<b>9pc Hose Clip Removal Tool Set</b>	<p>9pc Hose Clip Removal Tool Set. 9pcs Hose Clamp Pliers, Long Reach Wire Spring Hose Clamp Remover Kit for Automotive Coolant Radiator Heater, Universal Automotive Fuel Oil Water Hose Remover Tool Kit.</p> <ul style="list-style-type: none"> <li>• SIZE: hose clamp pliers kit works with plastic and metal hose clamps from 11/16 inch to 2 1/2 inches.</li> <li>• PACKING LIST:9pcs includes 1* hose clamp plier; 1* swivel jaw spring wire clip plier; 1* swivel jaw band cliper plier; 1* angled flat band hose clamp plier; 1* hose remover plier; 1* click-r collar plier; 1* flat band hose clamp plier; 1* screwdriver; 1* hose remover, and a plastic carry case for storage</li> <li>• <b>Same model and specs or equivalent</b></li> </ul>	
76	<b>Heavy Duty Suspension Clamps Tool 2Pcs 15Inches Heavy Duty</b>	<p>Heavy Duty Suspension Clamps Tool 2Pcs 15Inches Heavy Duty</p>	
77	<b>12V Professional Car Motorcycle</b>	<p>12V Professional Car Motorcycle Engine Timing Light</p>	









	<b>Engine Timing Light</b>		
78	<b>Lancol Handheld battery voltage tester MICRO-768A car battery cell analyzer with printer current clamp</b>	Lancol Handheld battery voltage tester MICRO-768A car battery cell analyzer with printer current clamp <b>Same model and specs or equivalent</b>	
79	<b>1000A 600V high quality digital AC DC clamp meter PM2128S with dual display</b>	1000A 600V high quality digital AC DC clamp meter PM2128S with dual display <b>Same model and specs or equivalent</b>	
80	<b>digital multimeter with USB interface MS8236,</b>	digital multimeter with USB interface MS8236, <b>Same model and specs or equivalent</b>	
81	<b>Impact wrench impact wrench cordless</b>	Impact wrench impact wrench cordless Rechargeable power tool battery brushless Power Source: Battery Motor Type: Brushless Motor Grade: DIY No Load Speed: 7200 Rpm Impact frequency: 7700 ipm Maximum Torque: 1800N.M Square Drive: 1/2" Gear position: 3 gears Battery: 588VF 22900mAh <b>Same model and specs or equivalent</b>	
82	<b>Angle grinder battery cordless professional</b>	Angle grinder battery cordless professional Rechargeable power tool battery brushless Voltage: 18V/20v No load Speed: 8000/min	

		Disc Diameter: 115mm/125mm Spindle thread: M14 Battery capacity: 2.0Ah/3.0Ah/4.0Ah LED battery capacity indicator: yes Side Handle: 3 positions <b>Same model and specs or equivalent</b>	
83	<b>Cylinder Hone Tool for 3 jaws stone Range 19 - 63mm 32- 88mm 51 - 177mm</b>	4 size adjustable Cylinder Hone Tool for 3 jaws stone Range 19 - 63mm 32- 88mm 51 - 177mm	
84	<b>Bench vise</b>	Bench vise 	
85	<b>Diesel Injector Extractor removal tool with Slide Hammer</b>	40pcs auto Diesel Injector extractor removal tool <ul style="list-style-type: none"> <li>6 ADAPTORS - M14 x 1.5 for dalphi-adaptor; M17 x 1 for bosc-h adaptor; M20 x 1 for den-so adapters; M25 x 1 for siemen-s adaptor; M27 x 1 for siemen-s adaptor; M27 x 1 for bosc-h injector nozzle adaptor</li> <li>DIESEL INJECTOR EXTRACTOR MASTER SET - 3 Different slide hammers: 1.6 kg, 160 mm; 2.7 kg, 460 mm; 5.1 kg, 600 mm; 2 Pulling claws with fork opening: 13.7 x 18 mm, 105 mm; 12.7 x 19 mm, 130 mm; 5 Slotted 6-pt 1/2" sockets, 100 mm length; sizes 25 - 27 - 28 - 29 - 30 mm; Injector extractor, sleeve design, with shells: outer diameter 35 mm; internal diameter 29 mm, M17 x 1.0 spindle; pulling adapter with external thread.</li> </ul> <b>Same model and specs or equivalent</b>	 Package Includes: 1) 3 different slide hammers - 1.6 kg, 160 mm long; 2.7 kg, 460 mm long; 5.1 kg, 600 mm long 2) 2 pulling claws with fork opening - 13.7 x 18 mm, 105 mm length; 12.7 x 19 mm, 130 mm length 3) 5 slotted 6-pt 1/2" sockets, 100 mm length - sizes 25 - 27 - 28 - 29 - 30 mm 4) injector extractor, sleeve design, with shells - outer diameter 35 mm; internal diameter 29 mm; M17 x 1.0 spindle

			<p>5 pulling adapter with external thread - M27 x 1.0 (3pcs) and M25 x 1.0</p> <p>6) pulling adapter with internal thread - M27 x 1.0 (3pcs)</p> <p>7) sliding hammer adapter for inner, outer and claw extractor</p>
86	<b>Fuel Pump High Pressure Injection Fuel Pump</b>	<ul style="list-style-type: none"> <li>• High Pressure Injection Fuel Pump 0 460 424 523</li> <li>• VE4/12F1100R1171 2890390</li> <li>• Fuel Injection Pump 0460424523</li> <li>• Material Type: Stainless Steel</li> <li>• no specific model is required as this is for training purposes only.</li> </ul> <p><b>Same model and specs or equivalent</b></p>	
87	<b>Fuel Injection Pump Inline</b>	<ul style="list-style-type: none"> <li>• Fuel Injection Pump Inline</li> <li>• 6 cylinders</li> <li>• Model suitable for 6-cylinder diesel engine.</li> <li>• no specific model is required as this is for training purposes only.</li> </ul> <p><b>Same model and specs or equivalent</b></p>	









<b>WELDING WORKSHOP</b>			
<b>Item No.</b>	<b>Item description and technical Specification</b>		
1	Welding head shield (color glass No .11)	Overhead welding mask shaded, glass no.11	
2	Mallet (Round wood hammer)	Wooden Mallet with 3inch Diameter and 10inch long	
3	Plasma cutter Set (Plasma Cutter CUT-100A IGBT MODE)	Plasma cutter nozzles collect air water filter automatic darkness overhead welding mask. Cutter roller, Air hose, Polarity 2 cable sets, Welding Earth clamp. Recommended 400A	
4	Air Compressor 150L	Recommended for 150L air compressor 3 phase electric Minimum 2HP.	
5	Oxygen cylinder (standard size)	300 Bar, Industrial uses	
6	Acetylene cylinder (standard size)	300 Bar, Industrial uses	
7	Argon cylinder (standard size)	300 Bar, Industrial uses	
8	Carpenter square (08 inches)	Try square 12” Inch recommended for Industrial use	

# TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS







9	Metal Ruler 12 inches	Steel ruler 1 meter Recommended for Industrial use. Mm and Inches type	
10	Welding machine (200A)	Inverter arc-welding machine 220A-300A with machine holder earth clamp with 20 ft welding cable	
11	Metal Files (9 pcs file set)	<div> <div>Hand</div> <div>Flat</div> <div>Half-round</div> <div>Round or rat-tail</div> <div>Four-square</div> <div>Knife-edge</div> <div>Warding</div> </div> <p>9 file sets (standard size)</p>	
12	Measuring Tape	5 meters with Inch and cm	
13	Welding Hand Shield	Welding Hand shield (10 to 11 shaded glass)	
14	Welding gloves	Leather Gloves	
15	Welding apron	<p>Leather Apron or Leather Jacket for Welsing</p> <ul style="list-style-type: none"> <li>• Size Medium – 5 Pcs</li> <li>• Size Large – 5 Pcs</li> </ul> <p>*Please provide combined price for both sizes in the BoQ item line</p>	 









TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

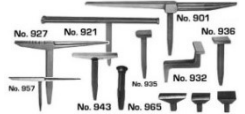





16	Black smith tong	Welding tong, 24” Inch/18”Inch recommended	
17	Vernier caliper	Vernier Caliper Metal. Inch and Cm Standard size8” range	
18	Micrometer 0-25 mm	Micrometer Metal. Inch and Cm measuring range of 25mm.	
19	Welding rods	Arc Welding rods E6013 (mild steel) • 2.6mm diameter – 12 Packets • 3.5mm – 12 Packets • 4mm – 12 Packets *Please provide combined price for all three sizes in the BoQ item line	
20	Grinder Tools	4” inch angle grinder AC	
21	Metal cut off machine	14” inch recommended size	
22	Sheet metals 0.3mm/0.4mm	• Galvanized-8’x4’ 0.3mm - 4 Sheets • Galvanized-8’x4’ 0.4mm - 4 Sheets *Please provide combined price for both sizes in the BoQ item line	
23	Hand saw	24 teeth 34 teeth mixed recommended high speed HSS • 24 teeth – 25 Pcs • 34 teeth – 25 Pcs *Please provide combined price for both sizes in the BoQ item line	

# TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS







24	Handsaw blades	24 teeth 34 teeth mixed recommended high speed HSS	
25	Bench vise	Bench Vise 200MM (8" Inch)  Heavy Duty Cast Iron Body with Steel Casting nut No.8	
26	G clamp 8"	200mm (8"inch) G-clamp has a malleable iron frame with a tough steel spindle and sliding T-handle for speed of use	
27	Striped cutting snip	Size: 12" Inch	
28	Round cutting snip	Size: 12" Inch	
29	Chisel set mixed	16-Piece Punch and Chisel Set	

30	Scriper	10”inch	
31	Scriber	10” inch	
32	Wooden mallet 2”	Wooden Mallet with 2”-inch Diameter and 10inch long	
33	Wooden mallet 4”	Wooden Mallet with 4”-inch Diameter and 10inch long	
34	Wooden mallet 3”	Wooden Mallet with 3”-inch by 2” inch square and 10inch long	
35	Plastic hammer	Round 1 ½” diameter and 10-inch long	







TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

36	Sheet metals stakes	Double-Ended Forming Stake Set Alternate sets are acceptable – Must be Equivalent to spec	
37	Straight pein hammer small	Lightweight STRIGHT Pein Hammer with Wooden Shaft	
38	Straight peen hammer medium	Straight hammer with Wooden Shaft	
39	Ball peen hammer small	Small ball peen hammer with Wooden Shaft	
40	Ball peen hammer medium	Medium ball peen hammer with Wooden Shaft	
41	Sheet metal groover	Small 3mm, 4mm, 6mm	

# TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

42	Sheet metal groover medium	Medium sized	
43	Rivet gun / machine	10"-inch Rivet gun set	
44	Pneumatic rivet gun / machine	Suitable for 3/16", 5/32", 1/8" and 3/32" Rivets size 90 bar	
45	Riveting hammer	diameter head. Head Weight: 84g. Hammer weight 6.2 oz (173 g).	
46	Nibbling machine electric	220V	
47	Sheet metal shearer 4'	4' feet	

# TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

48	Sheet metal rolling machine	4' feet	
49	Anvil	12"inch	
50	Try square 24"	24"inch	
51	Center punch set	Standard size5HD 5size	
52	Hole punch set	Standard size12HD 12size	
53	Drill gun	220V handy size	








# TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS







54	Drill bit set high HSS	1mm-13mm size	
55	Stand drill machine	6' feet	
56	Spot welding machine	4'feet 220V Minimum thickness of sheet that will be used - 0.5mm Maximum thickness of sheet that will be used - 2mm	
57	Rubber mallet	400g	
58	Plastic mallet	0.3 Pounds	
59	Grooving machine (with roller set)	30 x 10 x 30 Centimeters	

TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

60	Sheet metal bending machine	Manual, Size: 6 Feet To 8 Feet	
61	Tig welding machine 300A	300A- 220V or 300A/385V	
62	Mig welding machine	400A 220V or 300A/385V	
63	Metal shear cutter 12 inch	12”Inch	
64	C02 gas cylinders	300bar	
65	C02 heater	220V	







TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

66	Extension lead (power code) 20'	30' feet	
67	Angle grinder 5"	220V dimeter 5"	
68	Bench grinder 6" with carbide wheel	220V wheel dimeter 6"	
69	Shifter 8" and 12"	Size 8" and 12" 1 each	
70	Wrench set	6mm - 24mm	
71	Socket set	6mm -34mm	

72	Screw driver set	Multi-Purpose Sizes	
73	Mole grip	10”inch	
74	Chipping hammer	16”Inch	
75	Grinding goggles	Adjustable sizes	
76	Argon regulator	Regulators, regulator flowmeters, and flow gauge regulators 300bar minimum. Outlet 7mm	
77	Wire brush	Steel wire brush · 4 rows	

78	Oxy Acetiline welding and cutting set	6" and weld or braze up to 1/2"	
79	Gas welding goggles	2" Diameter Shaded Lenses 3 3-5-6	
80	Gas welding rod mild steel 2.6mm	steel 2.6mm x1 m	
81	Gas welding rod brass 2.6mm	Brass 1 2.6mmx1m	
82	Copper Brazing rods	Copper siver brazing 4mmx400mm	
83	Brazing flux	1kg brazing flux borax	

# TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

84	Soldering iron 1000W	1000W220V tip size 20mm	
85	Soldering flux	soldering flux paste 500g	
86	Aluminum Rivets 3 sizes	6 Box of Rivets which includes 300pcs with 6 sizes. The box content is as follows; 3.2mm x 12mm 50pcs 3.2mm x 19 or 20mm 50pcs 4.0mm x 12mm 50pcs 4.0mm x 19 or 20mm 50pcs 4.8mm x 12mm 50pcs 4.8mm x 19 or 20mm 50pcs	
87	Copper pipes 1/2" roll	1/2" Copper Pipe 15Mtrs Roll	
88	Mild steel flat bar 6"x 1/4" = 19ft	Mild steel flat bar 6"x 1/4" = 19ft	
89	Mild steel flat bar 3" x 1/4" = 19ft	Mild steel flat bar 3"x 1/4" = 19ft	



TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

90	Mild steel flat bar 1 ½" x ¼" = 19ft	Mild steel flat bar 1 ½" x ¼" = 19ft	
91	Mild steel flat bar 1"x 1/8" = 19ft	Mild steel flat bar 1"x 1/8" = 19ft	
92	Flaring tool kit	<ul style="list-style-type: none"> <li>• 1/4" – 3/4" O.D. capacity</li> <li>• Includes: Flaring tool, 2 clamps, tube cutter 5mm – 32mm. In Blow Mould Carry Case</li> </ul>	
93	Cast iron welding rod 3.5mm	Cast iron welding rod 3.5mm Z408 rod	
94	Plier	size UT 122-L	
95	Long nose plier	size UT 122-L	

TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

96	Water pump plier	size 3”X18”	
97	End cutting nipper plier	SIZE UT 130 XL	
98	600A earth clamp	600A -10”	
99	Arc welding Holder	600A- 10”	
100	Hand sleeve	Size standard leather	
101	First aid kit (for welding)	OSHA and ANSI Z308.1-2021 standards for a Class A First Aid kit.	

TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

102	Fire blanket	1200mm x1500 size	
103	Safety helmet	Standard size M	
104	Face shield	Size M/L MIX	
105	Protractor	12" mild steel	
106	Metal compass	Wide diameter 20" steel type	
107	Level 2ft	Size 24"	

TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS






108	Arc welding Station with table	Size W 3'ftx B 2'ft xH4ft mild steel drawer size 18"x18"x8"	
109	Gas welding Station with table	Redstone Brick Photos, Images & Pictures Table Size W 3'ftx B 2'ft x mild steel steel drawer	
110	Industrial cut off machine 16" Belt drive	16" 220V belt drive	
111	16" cut-off wheel	16" diameter	
112	14" cut-off wheel	14" diameter	
113	4" Grinding wheel	4" diameter	
114	4" Cutting wheel	4" diameter	

TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

115	5" Grinding wheel	5" diameter	
116	Mig welding spray	Anti Spatter Spray 400ml	
117	Metal marking chalk box	Flat French Chalk – Box 144	
118	Exhaust fan	220V diameter 16"	
119	Mig welding wire roll Aluminium and mild steel mix	MILD STEEL MIG WELDING WIRE REEL SPOOL ROLL GAS CO2 ARGON 0.6/0.8/1.0mm 1/5/15KG	
120	Aluminium Mig Welding Wire ER5356	Aluminium MIG WELDING WIRE REEL SPOOL ROLL GAS CO2 ARGON 0.6/0.8/1.0mm 1/5/15KG	

TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS








121	Tungsten rod packet (1.6mm,2.6mm)	Pure Tungsten Electrode, 10pcs Professional Non Radioactive Tungsten rod packet (1.6mm,2.6mm) A-1.6mmx150 B-2.6MMX150	
122	Tig welding Ceramic nozzle set no.3, no.4, no.5, no.6 MIX	53N60 No.6 Ceramic Nozzle 19mm 3/4" TIG Weld Alumina Shield WP-9 WP-20 WP-25 WP-24W Welding Torch PK10	
123	Stungsten rod holder collet 3 sizes	SIZE 1.0MM,1.6MM,2.0MM,2.4MM,3.2MM,4.0MM	
124	SS Welding rod	Stainless Steel Welding Electrode 308L 3.15mm/2.5mm	
125	Steel Sheet Metal Plate	SR 320J Slip Roll Rolling Machine 320mm Manual Solid Metal Sheet	
126	Welding Leg Guards	Leg guard Standard size	
127	GI Pipe 1/2"	GI Pipe 1/2"	






128	GI Pipe 1"	GI Pipe 1"	
129	GI Pipe 1.5"	GI Pipe 1.5"	
130	GI Pipe 2"	GI Pipe 2"	
131	GI Pipe 3"	GI Pipe 3"	
132	GI Pipe 4"	GI Pipe 4"	











<b>Refrigeration and Air-Conditioning Workshop</b>			
<b>Item #</b>	<b>Item description and technical Specification</b>		
1	File	200 mm, Second Cut, Flat Engineers File	
2	Hammer	Vardan Wooden Handle Iron Hammer (200gm, Wooden) <i>Same specs or Brand or equivalent or higher is required.</i>	
3	Screwdriver set	Plus and Minus Industrial use	
4	Combination Pliers	Stanley VDE Combination plier, 8"/200mm <i>Same specs or Brand or equivalent or higher is required.</i>	
5	Line Tester	Line tester AC DC	
6	Bench Vice	Bench Vise, Bench Vise, Cast Iron 150MM Bench Vise with Swivel Base ( 8")	
7	Hack Saw	Silverline Hacksaw High Tension 300mm (SW31) Industrial 16" <i>Same specs or Brand or equivalent or higher is required.</i>	
8	Pipe Wrench	Size 250 mm	

# TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

9	Snip	Size 200 mm	
10	Tube Cutter	4-12 mm	
11	Tube Bender (a)	3/8", 2 1/2"	
12	Tube Bender (b)	1/4", 3/8"	
13	Long Nose Plier	Size 6"	
14	Allen Key Set	Inch and Millimeters 2 types Each 5 Star type and Hexagonal	
15	Brazing Kit	Oxy and Acetylene Oxyacetylene Torch Kit-Oxy Acetylene Torch, Gas Welding Cutting Brazing Soldering Torch Welding Torch Long Pipe Brass Nozzle with Gauge Acetylene Regulator Duel Fuel Welding 1 x 4L Oxygen Cylinder 1 x 2L Acetylene Cylinder 1 x Oxygen Regulator 1 x Acetylene Regulator 1 x Cutting Nozzle 1 x Two-colored Tube with Coupling 1 x Goggle 1 x Pin 1 x Igniter-Equipment 1 x Cylinder Holder 1 x Spanner	





		<p>2 x Welding Nozzles 1 x User Manual Material: Metal, ABS Item Name: Welding Cutting Torch Kit Material: Brass Torch, Poly Carrier Oxygen Regulator Type: (CGA540) Acetylene Regulator Type: (CGA200) Nozzle Size(s): #0-3-101 Cutting / #0 Welding Hose Length: 12-feet, 6-inch Cutting Capacity: 1/2" Welding Capacity: 3/16" Fuel Type: Oxygen/Acetylene DOT Certificate: No Features: Long Pipe, Gauge, Portable Size Details: L: 68cm/26.77", W: 32cm/12.6", H: 30cm/11.81"(Approx.)</p>	
16	Mapp gas	Size 980g	
17	Mapp Gas Torch	Size 12"	
18	Brazing Flux	P7 Flux 100g	
19	Copper Silver Brazing Rod	Size 18"	






TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

20	Flaring Kit	Flaring Tool & Swaging Tool Kit for HVAC, Tubing, Copper Pipe Flaring with Tubing Cutter and Ratchet Wrench, 45 Degrees,	
21	Pinching Tool	Size 8"	
22	Malgrip	Size 8"	
23	Gauge Manifold Set	R32, R410A	
24	Compound Gauge	HS-468AL Low Pressure 1-Way Manifold Gauge For R410a R32 Refrigeration Air Conditioning Liquid Meter Snow Table Refrigerant  <i>Same specs or Brand or equivalent or higher is required.</i>	
25	Pressure Gauge	R32, R140A	
26	Wrench set	Wratchet type 6mm to 24mm	
27	Ring Spanner Set	Size 6mm to 32mm	

# TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS









28	Socket set	Socket set Multi size 6mm to 32mm	
29	Adjustable Spanner	Size 12"	
30	Crimping Tool	Size 12"	
31	Ball peen hammer	3 Pound	
32	Concrete Drill bit set	6mm to 13mm	
33	Refrigeration Digital Scale	Lab Scale Digital Scale Electronic 110 lb	
34	Drill bit set high HSS	Size 3mm to 13mm	
35	Digital Thermometer	Non-Contact Infra-Red Thermometer	

36	Insulation Tester	INSULATION TESTER IR4056  <i>Same specs or Brand or equivalent or higher is required.</i>	
37	Grinding Machine	Size 4" grinder Rated input power: 900 W No-load speed: 0 rpm Disc diameter: 100 mm Power output: 450 W Weight: 1.9 kg Switch: Lockable Switch Grinding spindle thread: M10 BOSCH, Makita or equivalent. <i>Same specs or Brand or equivalent or higher is required.</i>	
38	Cordless Hammer Drill / Concrete Drilling Machine	COMBINATION HAMMER 18V 3 operation modes: Hammering, hammering with rotation, rotation. *Ergonomically designed handle with rubberized grip provides more control and comfort. *One-touch sliding chuck for easy bit change. *Anti-slip rubberized side grip. *Chisel can rotate full 40 different locking positions without using chisel adapter. *Capacity Concrete: 20mm (13/16") *Steel: 13mm (1/2") *Wood: 26mm (1") *Impacts per minute (ipm) 0-4,000 *No load speed (rpm) 0-1,100 *Dimensions 358x84x259mm *Net weight 3.2kg (7.1lbs) or equivalent. Brand: Makita, Bosch or equivalent. <i>Same specs or Brand or equivalent or higher is required.</i>	
39	Cordless Drilling Machine (cordless driver drill + impact driver combo kit)	220 V Electric *12Vmax cordless driver drill + impact driver combo kit *bit, Fast charger, 2.0Ah Battery cartridge 2pcs *Drill Capacity: Steel: 10 mm (3/8") Wood: 21 mm (13/16") *Impact Driver Capacity: Machine screw: M4-M8 (5/32"-5/16")	

		<p>Standard bolt: M5-M12 (3/16"-1/2")  High tensile bolt: M5-M10 (3/16"-3/8")  Coarse thread (in length): 22-90mm (7/8"-3-1/2")</p> <p>*Specification Drill:  No load speed (rpm)      High:  0 - 1,700  Low: 0 - 450  Max. fastening torque: Hard / Soft:  30 / 14 N·m</p> <p>Specification Impact Driver:  Impacts per minute (ipm): 0-3,500  No load speed (rpm): 0-2,600  Max. fastening torque: 110N.m  (970in.lbs)</p> <p>Brand: Makita/Bosch or equivalent.  <b><i>Same specs or Brand or equivalent or higher is required.</i></b></p>	
40	Refrigerant Recovery Cylinder	Refrigerant Recovery Cylinder 50lb CFC, HCFC, HFC Refrigerants	
41	Oxy-Acetylene welding Torch Set	Acetylene Regulator, Oxy Regulator, Nozzle set, welding tool set, twin hose set. flashback Arrester, Gas welding Goggles	
42	Vernier Calipers	Size 12"	
43	Refrigeration Ratchet	Size 8"	
44	Extension lead Electric	50 Ft.	








TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

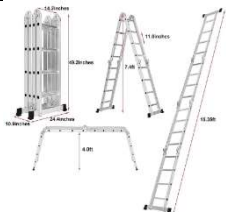





45	Refrigerant Gas (Set of 4 as in the description)	4 Kg (R22, R32, 134a, 210A)	
46	Measuring Tape	5m	
47	Refrigerator Single Door	Size 165 L <i>No specific brand or model.</i>	
48	Refrigerator Double Door	(Frost Free) Size 185 L <i>No specific brand or model.</i>	
49	Bottle Cooler	200 L <i>No specific brand or model.</i>	
50	Deep Freezer	200 L <i>No specific brand or model.</i>	
51	Ceiling mount Ac	12000 BTU <i>No specific brand or model.</i>	
52	Split AC	9000 BTU <i>No specific brand or model.</i>	





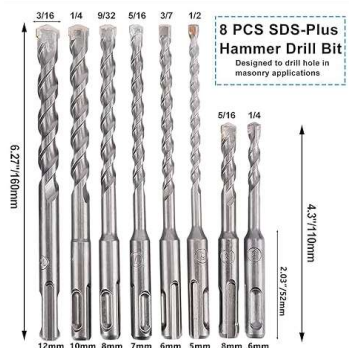
53	Isolator Switch 32A	32 A	
54	15 A Plug	15 A	
55	Recovery and Recycling Unit	Mastercool 69110 Automotive A/C Recovery System  <i>Same specs or Brand or equivalent or higher is required.</i>	
56	Vacuum Pump	2 stage QS5 Vacuum Pump 8,52 m3/h  <i>Same specs or Brand or equivalent or higher is required.</i>	
57	Copper Tube Roll (a)	¼" Copper tube, 18 m	
58	Copper Tube Roll (b)	3/8", 18 m	
59	Copper Tube Roll ©	1/2", 18 m	
60	Insulation tape	Size: 0.13mm or 0.15mm x 19mm (3/4in) x 10yds  <i>Same specs or Brand or equivalent or higher is required.</i>	

# TECHNICAL SPECIFICATION – TVET WORKSHOP ITEMS

61	Foam tape Rolls	Single sided Foam tape 10m x 35mm x 2mm	
62	PVC air-conditioner tape rolls	PVC 40mm to 20m	
63	Charging Valve (a)	Copper charging valve. 1/4" Copper Tube Access Valve / Charging Valve for Air Conditioner and Refrigeration.	
64	Charging valve (b) - Set	Red and Blue color Set. Mini R134a High Pressure General Charging Valve Soldering Onto Pipeline Of Auto Air Conditioning Valve Core. Calibre of screw thread: 3/8. High pressure: yes. Connecting type: soldering. Length: 36mm. Material: aluminum alloy.	
65	Shifter	8"	
66	Reamer	INNER-OUTER REAMER Red Inner-Outer Reamer Pipe and Tube Deburring Reamer Tubing Chamfer Tool for PVC/PPR/Copper/Brass/Aluminum Tubes (3/16-inch to 1-1/4-inch)  <b>Specifications:</b> Color: Red Material: alloy and plastic  Size: 40 x 46 x 40mm/1.6" x 1.8" x 1.6"(ID*OD*H)	
67	Pressure Washer	Electric Pressure Washer 2200 - 4800PSI Power Source: Corded Electric Color: Any Maximum Pressure: 4800 Pound per Square Inch Item Weight: 15 Pounds Hose Length: 25 Feet	

		<p>Product Dimensions: 18"L x 12"W x 11"H</p> <p>Maximum Flow Rate: 2.6 Gallons Per Minute</p> <p><i>Same specs or Brand or equivalent or higher is required.</i></p>									
68	2-in-1 Electric air blower.	<p>220V</p> <p>Max. Air Volume :91 CFM</p> <p>Blower Type: Handheld</p> <p>Max. Air Velocity :179 MPH</p> <p>Power Type: Cordless</p> <p>No Load Speed (variable speed) :0 - 18,000 RPM</p> <p>Form Factor (LXT) :18V LXT®</p> <p>Battery :18V LXT</p> <p>Motor Type: Brushed</p> <p>Overall Length: 20-3/4"</p> <p>Net Weight (with battery): 3.9 lbs.</p> <p><i>Same specs or Brand or equivalent or higher is required.</i></p>	<p><b>Product Specification</b></p>  <table><tr><td>Type: 2-in-1 Electric Air Blower</td></tr><tr><td>Color: Blue</td></tr><tr><td>Voltage:18-21 Cordless Air Blower</td></tr><tr><td>Rated Input Power: 880W</td></tr><tr><td>No-Load Speed: 0-18000 (rpm)</td></tr><tr><td>Air Volume:3.6m³/min</td></tr><tr><td>Compatible with Makita Battery 18v</td></tr><tr><td>Battery Capacity: 2000mAh/4000mAh (optional)</td></tr></table>	Type: 2-in-1 Electric Air Blower	Color: Blue	Voltage:18-21 Cordless Air Blower	Rated Input Power: 880W	No-Load Speed: 0-18000 (rpm)	Air Volume:3.6m³/min	Compatible with Makita Battery 18v	Battery Capacity: 2000mAh/4000mAh (optional)
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69	Ladder 8 Ft	Aluminum 8 Ft.									
70	40-Foot Extension Ladder, 300-Pound	<p>Material: Aluminum</p> <p>Product Dimensions: 19"W x 6"H</p> <p>Color: Aluminum</p> <p>300-pound Duty rating.</p> <p><i>Same specs or Brand or equivalent or higher is required.</i></p>									
71	15 FT. Folding Ladder, 7-in-1 Multi-Purpose Extension Aluminum Ladder	<p>Size &amp; Capacity: Open Size: 126H cm x 37W cm x 27D cm, Closed Size: 460H cm x 37W cm x 27D cm,</p> <p>Net weight: 13.8 Kg, Color: Silver, No. of Steps: 16</p> <p><i>Same specs or Brand or equivalent or higher is required.</i></p>									

			
72	AC copper filter	Copper filter Drying Refrigerator copper filter 6"	
73	AC capillary Pipes	P&M Capillary Tube with Nuts 1 M	
74	Electronic Charging Solenoid Module	<p>CHARGING SOLENOID MODULE 9 Volts This module allows the user to control the exact amount of refrigerant transferring to and from the A/C System., lightweight, portable and must works with all types of refrigerants. *1/4" x 1/4" fittings include a short hose for tank connection, USB cord and 1/4" FL – 1/2" ACME adapters.</p> <p><i>Same specs or Brand or equivalent or higher is required.</i></p>	
75	Bimetal Switch	<p>Fridge Defrost Thermostat AC 250V10A 3 Wire Cable -14 Celsius Bimetal Refrigerators Defroster Thermostat Switch With fuse Part</p> <p><i>Same specs or Brand or equivalent or higher is required.</i></p>	
76	Refrigerator Compressor relay	Refrigerator PTC Starter Relay 12 Ohm 3 Pin + Compressor Thermal Overload Protector	

77	Fan Motor refrigerator	220 V	
78	Frost free fan motor	Frost Free Fan Motor compatible for Fridge Refrigerator Product Dimensions: Approx.6 x 6 x 7 cm; Item Height: Approx. 7cm Item Width: Approx.6cm Horsepower 300 Watts Material Metal Item Weight 200g	
79	Capacitor	5 UF <i>Same specs or Brand or equivalent or higher is required.</i>	
80	Hack Saw Blade	Silverline Hacksaw Blade High Tension 300mm (SW31) Industrial 16" <i>Same specs or Brand or equivalent or higher is required.</i>	
81	Hammer Drill Bits for Concrete (8pc set)	8pcs Hammer Drill Bits for Concrete 1/4 x 4-inch, 5/16 x 4-inch, 1/2 x 6-inch, 3/7 x 6-inch, 5/16 x 6-inch, 9/32 x 6-inch, 1/4 x 6-inch, 3/16 x 6-inch;	

82	Pipe Cutter	Hose and Pipe Cutter for PVC, PPR, PEX, PE Pipes and Tubes, Ratcheting PVC Pipe Cutter 1-5/8 Inch One-Hand Fast Pipe Cutting Tool with Stainless Steel Blade, Diameter Up to 35mm	
83	Hot Gun	Hot Gun Continuous rating input1,600W Air temperature (°C)350-500 Air Flow300-500L /min Wired electric <b>Same specs or Brand or equivalent or higher is required.</b>	
84	Steel Locker	Sturdy steel locker with hanging rail and key lock. Steel 4 Compartments with Lock Color: Black/White Material: Steel Dimension:  Width x Depth x Height Feet (') Inch ("):  W 1'3" x D 1'4" x H 6'  <b>Reasonable minor deviation in requirement is acceptable.</b>	
85	Tables for Refrigeration & Air-conditioning Classroom	Size: L6feet, H3feet, W3feet (would accept minor differences in size) Table top thickness: 18mm Table top Material: Cupboard plywood/Wood with Formica Table top Colour: Dark Brown or Grey Legs: in hollow GI Square Pipe 2"x1"x1.5mm Leg paint Colour: Black	



		<i>Reasonable minor deviation in requirement is acceptable.</i>	
86	PU leather Seat cushion with armrest	<p>Seat Height: 75 cm Size: 52*53*90-110cm Colour Black</p> <p><i>Reasonable minor deviation in requirement is acceptable.</i></p>	