





**ANNEX 1: TECHNICAL SPECIFICATION**

Project Number: 20.2045.1-061.03





ITEM NO.	ITEM NAME	ITEM DESCRIPTIONS	QUANTITY	Photo
1	<b>Inverter</b>	1KW 12V 220V 50HZ/60HZ 1000W Pure Sine Wave inverter 50A PWM Solar Charge Controller Features	3	
2	<b>Inverter</b>	2000w 2kw 2kva DC-AC High Frequency Wave Power Inverter	1	
3	<b>Hybrid Inverter</b>	3 kW hybrid inverter Hybrid solar Inverter 3500W, DC INPUT 24V, AC Output: 15.2A, MPPT Voltage Range 120- 450VDC, MPPT 100A, Rated Power: 5000W	6	
4	<b>Inverter MPPT 3KW PV 24V 3KW</b>	Hybrid solar Inverter 3500W, DC INPUT 24V, AC Output: 15.2A, MPPT Voltage Range 120-450VDC, MPPT 100A, Rated Power: 5000W	2	

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5	<b>Inverter MPPT 5KW PV 48V 5KW</b>	Hybrid solar Inverter 5500W, DC INPUT 48V, AC Output: 23.9A, MPPT Voltage Range 120-450VDC, MPPT 100A, Rated Power: 6000W	1	
6	<b>Charger</b>	Neutral PWM to be used for solar power 50 Amp Solar Charge Controller 48V 36 Volt 24V 12V Auto Switch 50A	3	
7	<b>Charger</b>	Neutral MPPT 30 Ampere MPPT 100V 30-AMP 12/24- Volt Solar Charge Controller	3	
8	<b>Solar Panels</b>	250-Watt Exact output 8.32 amps 8.32 amps at peak 30A controller rating	12	
9	<b>Solar Panels</b>	150-Watt Peak Output - 9.72A at 17.2V.	6	
10	<b>Solar Panels</b>	400 watt panel will be 40 - Volts and 10 Amps	6	





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11	<b>Solar Panel</b>	450-W, Bifacial, Monocrystalline, 9 Busbars, Halfcut Cells, 12-year warranty, 3-year warranty for extra linear output	12	
12	<b>Solar Panel</b>	SW 250 Poly 250W Poly SLV/WHT US Solar Panel, 250W PV Module BAA, H4, PV Wire, 31mm Clear 2.5 Frame, 60 Cell Poly, 15A Fuse, 1000VDC, No PTC	4	
13	<b>Gel Battery</b>	Ampere 12 volts100 Description of 12V 100 Ah GEL Battery GEL 12V100AH	12	
14	<b>Gel Battery</b>	Ampere 12A volts 200AH 200 12V C10, 1 year warranty Original: A 12 V 200	8	

15	<b>Battery</b>	Battery 12V 100Ah, 12V 100Ah Solar Battery from Sealed Maintenance Free 12V 100Ah Deep Cycle Gel Agm Lead Acid Energy Storage 100 Amp Battery	10	
16	<b>Stand Solar Panels</b>	Type: Manga to Hold 24 panels PV Mounting system made of Iron or Galvanized steel, connected to cement base	24	
17	<b>Stand Solar Panels</b>	Type: Manga to Hold 10 panels PV Mounting system made of Iron or Galvanized steel, connected to cement base	10	
18	<b>Stand Solar Panels</b>	Mounting System /PV Solar " Panel galvanized iron Structure (4*6, 1.5mm) local "made	10	
19	<b>General Board</b>	A cabin box Carrier of Battery and Inverter to protect the battery The board is aluminum made with having key. The board need to carry	1	





20	<b>Clamp meter</b>	<p>High Quality Clamp Meter Digital AC/DC Clamp Meter is a handheld digital clamp meter for measuring DC and AC voltage Automatic AC/DC function helps boost work efficiency, Measure up to 1000 A When using P2000: III 2000 V, CAT IV 1000 V Easily get into tight spaces between cables thanks to thin sensor structure Measure DC voltages of up to 2000 V (*1) for open voltage inspections of solar panels</p>	9	
21	<b>Avometer</b>	<p>Neutral AVOMETER Model 8 Mk7 The Model 8 Mk 7 is a general-purpose, portable, analogue multimeter for the measurement of voltage, current and resistance. Voltage DC 100 mV (select 50 ADC range) /3/ 10/ 30/ 100/ 300/ 600/ 1000 V Voltage AC 3/10/30/100/300/600/1000 V Curent DC 50/ 300 <math>\mu</math>A/ 1/ 10/ 100 mA/ 1/10 A Curent AC 10/ 100 mA/ 1/ 10 A Resistance: 0 to 2 k/0 to 200 k/0 to 20 M<math>\Omega</math></p>	3	
22	<b>Empty toolbox</b>	<p>Multi-Function Storage Toolbox with Tray and Dividers. To hold toolkits for the small electricity and mechanical stuffs Size approx.40cm*15cm, A handle for carrying the box, internal square/space for different items categories to be held inside of the box, the standard available box color is required</p>	3	

23	<b>Gauge for testing Battery</b>	<p>12 Volt battery and system testing  40-1200 CCA testing capacity  7-15V operating range  Compatible with many battery types, including Flooded, AGM, Spiral and Gel Cell  LCD display for optimal viewing in all lighting environments</p>	1	
24	<b>Electric plier</b>	<p>Soft grip for comfort, wire-cutting abilities, the option of being electrically insulated, and bent nose options  <b>COMFORT AND CONTROL:</b> Linesman pliers have multi-zone bi-material grips  <b>INDUCTION HARDENED:</b> Cutting edges of cutting pliers stay sharper longer  <b>STRENGTH AND DURABILITY:</b> CRAFTSMAN pliers are made from drop-forged steel  Corrosion-resistant finish  Plastic-dipped cushioned handles for comfort</p>	15	
25	<b>Electric cutter</b>	<p>Crimper crimps 10 to 22 AWG insulated and non-insulated terminals  Cutting and Crimping Tool has specially hardened wire cutter in nose  Tapered nose design for working in confined spaces  Crimping die marked for insulated and non-insulated solderless terminals and connectors  Plastic-dipped, cushioned handles for comfort</p>	15	
26	<b>Flat plier</b>	<p>Features durable nickel chromium steel construction  The grips provide extra comfort and reduce hand fatigue  Machined jaws provide maximum gripping strength.  Induction hardened cutting edge stays sharp longer  These pliers feature a superior long reach design for work in confined areas.  Plastic-dipped, cushioned handles for comfort.</p>	15	



27	<b>Wire stripper</b>	<p>WORKPRO 3-in-1 Automatic Wire Stripper/Cutter/ Crimper, AWG10-24, 8 Inch Multi Pliers for Electrical Wire Stripping, Cable Cutting, Crimping. Features with 3-in-1 multi-functions: stripping, cutting and crimping, the tool is ideal for copper, cable, coaxial, thermal and aluminum wire. Made of high-quality steel, which is heat treated, polished, and black oxidation processed, making it more durable and sufficient to deal with hard stripping work. Anti-slip handle provides maximum leverage and comfortable grip experience and helps you exert enough force and reduce hand fatigue at the same time.</p>	15	
28	<b>staplers</b>	<p>For easy cutting, stripping of insulation and crimping Includes 230 assorted wires, - connectors and other .accessories PRODUCT :SPECIFICATIONS 0.2Mm<sup>2</sup> - 6Mm<sup>2</sup> Wire Stripper Includes Wire Cutter and Crimper Spring Loaded Mechanism Hardened Chrome Moly Steel Jaws Comfortable Grip Handle</p>	15	
29	<b>Terminal staplers</b>	<p>Compound action stripping: grip and strip via single action squeezing motion Precision machined stripping holes easily remove insulation without damaging the wire. Hardened Chrome Moly Steel Jaws Comfortable Grip Handle.</p>	5	
30	<b>Power strip</b>	<p>Cable 5 meters Surge protector, 5 switches working independently, color white, 5 smart outlets: Independently control 5 smart outlets with 5 Meter long of the cable. Surge protection: ETL certified surge protection shields sensitive electronics and appliances from sudden power</p>	5	

		<p>surges that can occur during weather storms and cause irreparable damage.</p> <p>Allow the power strip to be placed on a wall, under a desk, and in other configurations to optimize space and keep power cords out of the way.</p>		
31	<b>Power strip</b>	<p>15-meter Surge protectors(rolling), Approx. 15-meter rolling Extension Cord Reel with approx. 4 Ports   Provides an Extended Length to Power Your Equipment and Devices   Features Multiple Built-in Power Outlets. 25-amp extension cord reel is rated for 125 volts/1250 watts to power and charge multiple devices. Safety Features: Includes an on/off switch and a built-in circuit breaker to protect against current overloads. Designed for dry indoor use only.</p>	3	
32	<b>Alan key set</b>	<p>different size from small to largest. allen key set Tools 70573 Grip-It Hex Key Set, 12-Key, SAE/Metric Sizes Handy hex key sets fit your pocket or tool box easily and help eliminate the lost-key problem Tough, heat-treated alloy steel Hex-key ends are square-cut for a secure full-depth fit and maximum contact with the hex socket to prevent slippage and stripping of the socket Holder serves as a handle Two key positions (straight-out or right angle) for extra leverage.</p>	3	
33	<b>Screwdrivers set</b>	<p>One box containing 8 pcs of screwdriver, from small size to flathead, the largest Star and the box must be easily closed whenever not needed.</p>	3	








34	<b>Tester screwdrivers</b>	To test electricity regularly, the light automatically to be turned on when the user sticking to electric board or a wire, please add more specs	15	
35	<b>Bubble level</b>	<p>ACCURACY: Block vials of the level tool provide maximum accuracy of 0.0005-inch/ ft. (0.5mm/M)</p> <p>DURABILITY: Shock-absorbing end caps of the torpedo level hold up to heavy use</p> <p>PREVENTS MARRING: Over-molded rubber end caps for non-marring leveling and shock resistance</p>	3	
36	<b>Hammer Drill</b>	<p>Original type Hammer Drill for Concrete. Regular cordless drills</p> <p>Powerful 7.0 AMP motor delivers 2 ft.lbs./2.7 j. of impact energy to handle the most demanding applications</p> <p>3-mode operation for "Rotation Only", "Hammering with Rotation" or "Hammering Only" for multiple applications</p> <p>One-touch sliding chuck for quick bit changes</p> <p>Torque limiting clutch engineered to prevent gear damage by automatically disengaging gears if the bit binds</p> <p>Variable speed trigger enables user to match the speed to the application for greater versatility.</p>	1	
37	<b>Cordless drill</b>	<p>Metal Cordless drill. with 21-Volt cordless drill driver with battery and charger.</p> <p>3/8" Auto Chuck, 25+3 Clutch &amp; 2-Variable Speed. Cordless Drill Set with large 3/8"(10mm) keyless chuck can provide you superior bit retention.</p> <p>Equipped with 3-in-1 working mode (Screwdriver, Drill and Impact Hammer).</p>	6	



		<p>Powerful Robust Motor, Max 398 IN-LB for Versatile Use. Two 2000mAh Batteries &amp; 1H Fast Charger. Ergonomic Design &amp; Comfortable to Use. including 33 Screwdriver Bits, 5 Twist Drill Bits, 3 Wood drill, 9 Socket Wrench, 1 Carrying Bag, 1 Flexible Shaft, 2 21V Lithium-ion Battery and 1 Fast Charger, 1 * User Manual, 1-Year Warranty Promise.</p>		
38	<b>Tape measure</b>	<p>Tape Measure, 15-meter approx. EASE OF USE: Self-locking blade of the retractable tape measure stays extended QUICK &amp; EASY MEASUREMENTS: Fractions printed on the blade ADDED GRIP: Rubber over-mold for added grip.</p>	3	
39	<b>Solder iron</b>	<p>Easy to handle high performance 70W soldering iron with a heat-resistant silicon Cable for safe handling Temperature stability (+/- 4°f, 2°c) and temperature lock protects tips and components, affording a consistently high quality process with repeatable soldering results This unit is loaded with cutting edge features sun as intuitive navigation, a Standby mode and auto setback conserves energy and password-protection to Preserve settings Includes: one (1) We1 station 120V, one (1) Wep70 tip retainer, one (1) Wep70 iron, PH70 safety rest with sponge, and Eta tip 0.062inch/1.6 millimeter screwdriver</p>	15	
40	<b>Spanner Box</b>	<p>Material Chrome Vanadium Steel, Alloy Steel. Stalwart approx. 30 52-Piece Drive Socket Set with Toolbox – 1/4, 3/8, and 1/2 – SAE and Metric. Common Metric Size: These Wrenches Measure in Metric Size Including 8Mm until 24 Mm.</p>	1	





		Includes SAE & Metric in 1/4, 3/8 and 1/2 Drive Sets Drop Forged Steel with Chrome Vanadium Finish Consistent & Accurate Fit for Long Life Sturdy Carry Case for Organization & Easy Retrieval 6 Point Sockets.		
41	<b>Combination Spanner set</b>	<p>INCLUDES: 5/16 in, 11/32 in, 3/8 in, 7/16 in, 1/2 in, 9/16 in, 5/8 in, 11/16 in, 3/4 in XL X-Beam Flex Head Ratcheting Combination Wrenches</p> <p>FEATURES: 72-tooth ratcheting box end needs a minimal 5° to move fasteners vs. 30° for standard wrenches</p> <p>BENEFITS: X-Beam design lets you apply force to the flat side of the wrench, reducing hand fatigue</p> <p>ACCESS: Longer beam provides greater access to confined work areas vs. standard length wrenches</p> <p>GRIP: Off-corner loading design on box end provides better grip and reduces fastener rounding</p> <p>DURABILITY: One-piece forged beam design with no weak spots for twisting</p> <p>FLEXIBLE HEAD: provides access to hard-to-reach bolts and fasteners</p>	3	
42	<b>Regular hammer</b>	<p>Made to withstand even the most demanding jobs</p> <p>International Renown for our diverse range of products</p> <p>All our products have been designed with the requirements of the professional in mind</p> <p>Trusted, designed, and used by experts</p>	3	

		<p>Plumb 16 oz fiberglass rip claw hammer</p> <p>Hammer has a round bell and octagon neck with a polished finish on head, bell, striking face, back and sides</p> <p>Handle is made from a virtually unbreakable fiberglass handle and a new grip material to reduce handle slickness</p>		
43	<b>Equalizer</b>	<p>This device acts as a balancer/equalizer to balance the capacity of cells inside V, 24V, work with tubular battery</p> <p>12-24-48 volts</p>	6	
44	<b>Copper Rod Electrode Earth system</b>	<p>Tie rod 4+ cable 10 meter, Copper or Aluminum with Strong Corrosion Resistance</p> <p>Solid copper earth rods offer greater resistance to corrosion. Solid copper earth rods are ideally used in applications where soil conditions are very aggressive, such as soils with .high salt content</p> <p>Long-lasting &amp; free of maintenance hazards copper .coated rods</p> <p>Unique manufacturing process ensures uniform coating .thickness</p> <p>Easy to install and is .unbreakable</p> <p>Corrosion free while providing the lowest resistance to .ground</p>	2	
45	<b>Solar Panel MC4 Power Cable</b>	<p>Suitable single core cable section</p> <p>Underwriters Laboratories Standards UL-4703, UL-854 UL 1685-FT4/IEEE 1202</p> <p>Type XLPE insulation / 10 AWG / PV wire with MC4 Style Connectors - SUNLIGHT RESISTANT</p> <p>Type Photovoltaic Copper Conductor 1000V DC / 10 AWG</p>	150	





<p>46</p>	<p><b>Solar Panel MC4 Power Cable</b></p>	<p>Suitable pair core cable section Underwriters Laboratories Standards UL-4703, UL-854 UL 1685-FT4/IEEE 1202 Type XLPE insulation / 10 AWG / PV wire with MC4 Style Connectors - SUNLIGHT RESISTANT Type Photovoltaic Copper Conductor 1000V DC / 10 AWG</p>	<p>55</p>	
<p>47</p>	<p><b>Solar Panel MC4 Power Cable</b></p>	<p>Suitable triple core cable section Underwriters Laboratories Standards UL-4703, UL-854 UL 1685-FT4/IEEE 1202 Type XLPE insulation / 10 AWG / PV wire with MC4 Style Connectors - SUNLIGHT RESISTANT Type Photovoltaic Copper Conductor 1000V DC / 10 AWG</p>	<p>12</p>	
<p>48</p>	<p><b>Solar Panel MC4 Power Cable</b></p>	<p>Four head Suitable single core cable section Underwriters Laboratories Standards UL-4703, UL-854 UL 1685-FT4/IEEE 1202 Type XLPE insulation / 10 AWG / PV wire with MC4 Style Connectors - SUNLIGHT RESISTANT Type Photovoltaic Copper Conductor 1000V DC / 10 AWG</p>	<p>25</p>	
<p>49</p>	<p><b>Circuit DC</b></p>	<p>Current Rating: 32 Amps Voltage: 250 Volts, 1500 Volts Item Dimensions: LxWxH 3.15 x 0.79 x 2.76 inches Circuit Breaker Type: Standard Terminal quenching treatment, environmental protection electroplating, has good torsion tolerance and anti-rust effect. Used for overload protection, short circuit protection of DC lines or equipment, and for lines that do not require frequent switching. High performance flame-resistant and shock-resistant plastic can ensure long service time.</p>	<p>27</p>	

		Suitable for solar energy, bus box, photovoltaic system, small power generation system and other DC systems.		
50	<b>Main circuit DC</b>	<p>Circuit Breaker, UL 1077 Supplemental Protection, 50 amp, 2 Pole, 240/480V, General Purpose Trip Curve C.</p> <p>UL1077 Recognized Superior 10 kA interrupt capacity</p> <p>Visual trip indicator</p> <p>300% Factory tested to reliability</p> <p>Screw clamp shock proof wire terminations.</p>	18	
51	<b>Circuit AC</b>	<p>Circuit Breaker, 30 A, 240V AC, 1 Pole, DIN Rail Mounting Style, C60BP Series.</p> <p>Item: IEC Miniature Circuit Breaker</p> <p>AC Voltage Rating: 240V AC</p> <p>DC Voltage Rating: 60V DC</p> <p>Amps: 30 A</p> <p>Max. AIR Rating: 14kA at 120/240V AC</p>	20	
52	<b>Fuse + fuse base</b>	<p>Breaking Capacity Low Voltage Circuit Breakers Operation Electric Type. Structure Conventional Circuit Breaker. Specification 10*38mm Origin.</p> <p>Fuse Holder with neon bulb for Cylindrical Fuse Links. Matched with fuse body measurement: 10*38 mm; Convention heating current: 32A; Rated insulated voltage: 600V; Certification: CE.</p>	16	
53	<b>SPD Surge Protection Device</b>	<p>Neutral any type</p> <p>a surge protector is a device used to ensure protection against transient surges. It is used to protect the household and commercial applications</p> <p>DC 600/800/1000VDC Surge Protection Device 20-40kA</p> <p>SPD House Surge Protector</p>	6	

		(Color: 2P, Size: 600VDC 20-40kA). Poles:2P Nominal Discharge Current In(kA): 20 Maximum Discharge Current I <sub>max</sub> (kA): 40 Maximum Continuous Operating Voltage U <sub>c</sub> :600VDC,800 VDC,1000 VDC		
54	<b>ATS Automatic transfer switch</b>	Automatically transfers a power supply from its primary source to a backup source when it senses a failure or outage in the primary source. Automatic ATS Transfer Switch Manual 6A - 63A 0.2s Fixed Low Power Consumption related Current: 6A-63A Frequency: 50/60HZ COLOR: White/Black Voltage: ODM Available Operation Mode: Auto Manual Product Name: Automatic ATS Transfer Switch.	4	
55	<b>Smart circuit</b>	Smart Standard Branch Circuit Breaker, Hydraulic Magnetic, 120 VAC. Current Rating 20 Amps Voltage 120 Volts. SMART - Integrated with the My Leviton app, Leviton smart circuit breakers provide insightful data on home energy consumption, enhanced safety, and whole home solutions in conjunction with other smart Leviton products. EASY - Leviton's revolutionary design allows the entire Load Center to be wired at rough-in without any circuit breakers present. HYDRAULIC MAGNETIC - Precision trip technology ensures that the main breaker operates as intended from -40°C to 85°C (-40°F to 185°F) without re-rating INTUITIVE - LEDs communicate trip condition	8	





		and type of fault, and remain illuminated even when tripped.		
56	<b>Timer</b>	Smart Circuit Breaker Timer Time Relay Switch. Specifications: 1. Rated Voltage: AC80-240V, Frequency:50/60HZ, Rated Current: 1-63A	5	
57	<b>Contactor</b>	50 AMP contactor 220 V. In accordance with U. L. bulletin no. 508 "industrial control equipment". Contactors meet specifications for devices up to 600 VAC. Coils have class insulation. Resistive Amps: 50 Includes lug, spade terminals, and covers.	12	
58	<b>Smart contactor</b>	Smart Electric contractor is a Single Pole Contactor with 40 Amp Full Load, 50 Resistive Amp, 240 Amp Locked Rotor at 240V, and Coil Voltage of 24V. Full Load Amps 40 Resistive Amps 50 Locked Rotor Amps 240	6	
59	<b>Relay</b>	Relay is an electromechanical device that uses an electric current to open or close the contacts of a switch Supply voltage – 3.75V to 6V Quiescent current: 2mA Current when the relay is active: ~70mA Relay maximum contact voltage – 250VAC or 30VDC Relay maximum current – 10A	15	








60	<b>Electrical board</b>	Electrical circuit board to carry and protect 8 circuits. Size Length 15 CM approx. Width 10 CM approx..	4	
61	<b>Gland different size</b>	Steel Connector Gland with different size from .smallest to largest Nominal size from PG 7 until PG 48	20	
62	<b>Terminal 25 millimeter</b>	A terminal is the point at which a conductor from a component, device or network comes to an end Cable Lug Connector Terminal for 25 mm Wire, 16 Piece, 6 mm Diameter Bolt. Fit Bolt Hole Size: 6mm / 0.24"; Connect Cable Hole Dia: 7mm/0.28" Fit Cable Size: 25mm <sup>2</sup> ; Size: 34 x 13 x 8mm /1.3" x 0.5" x 0.3" (L*W*T) Material: Metal Net Weight: 90g;Package Content : 16 x Lug Cable Connector Terminal	50	
63	<b>Terminal 6 millimeter</b>	A terminal is the point at which a conductor from a component, device or network comes to an end Terminal, 6 mm Stud Size, 16-14 AWG, 23.4 mm Length, Blue (Pack of 100). Connector Type Crimp Gauge 14 Insulation Material Type Polyvinyl Chloride Measurement System Metric	50	

64	<b>Cable for battery 25 millimeter</b>	<p>Solar Cable 25mm is applied to solar panels for power generation and related components of the wiring, connection, particularly suitable for outdoor. Resistance to sunlight, anti-aging, using the low smoke halogen-free flame retardant materials, higher grade, more safety.</p> <p>Adapted to PV systems, 2 Pfg 1169 / 08.2007 and EN 50618:2015.</p> <p>Voltage Rating : AC 0.6 / 1.0 kV Max. PV - System Voltage : DC up to 2.0 kV possible Max. Permissible Operating Voltage in AC Systems : 0.7 / 1.2 kV Max. Permissible Operating Voltage in DC Systems : 0.9 / 1.8 kV Test Voltage : AC 6 kV / DC 10 kV.</p>	20	
65	<b>Solar 's cable</b>	<p>solar cable Bulk Black copper #10 AWG PV Wire with Tough XLPE.</p> <p>Brand CIE Solar Products</p> <p>Material Copper</p> <p>Gauge 10.0</p> <p>Voltage 1000 Volts</p>	90	
66	<b>shrink</b>	<p>Wirefy Heat Shrink Tubing Kit - 3:1 Ratio Adhesive Lined, Marine Grade Shrink Wrap - Automotive Industrial Heat-Shrink Tubing - Black, Red 200 PCS.</p>	4	
67	<b>Batlis 2 millimeter</b>	<p>Uxcell Wire Crimp Connector Cord End Terminal Insulated .Ferrule 4AWG .Material: Plastic, Metal size: 2 millimeters</p>	1	



68	<b>Batlis 6 millimeter</b>	<p>Uxcell Wire Crimp Connector Cord End Terminal Insulated .Ferrule 4AWG .Material: Plastic, Metal size: 6 millimeters</p>	1	
69	<b>Batlis 1 millimeter</b>	<p>Uxcell Wire Crimp Connector Cord End Terminal Insulated .Ferrule 4AWG .Material: Plastic, Metal size: 1 millimeters</p>	2	
70	<b>Drill head</b>	<p>Basics Drill and Driver Multi-Bit Set - 32 -Piece approx. 100-piece drill and driver multi-bit set; ideal for metal, wood, plastic, masonry, and hole saws Includes approx. 20 bits, 8 nut sockets, a magnetic bit holder, 4-hole saws, and more (scroll down the page for a full list of included pieces) Made of durable, wear-resistant alloy steel with quenching treatment Sturdy plastic case provides designated storage space and easy transport</p>	3	
71	<b>Wire single 1.5 millimeter</b>	<p>1.5 is generally used for domestic lighting, fused at 10A. Electrical Wiring 1.5mm Single Core Solar Cable single Wire. Wire Core Material: Tinned Wire Type: Solar PV Cable Conductor: Tinned Copper Standard: 2pfg 1169/08.07 Rated Voltage: AC 0.6/1kv; DC 1.8kv. Size 25m</p>	1	
72	<b>Wire single 6 millimeter</b>	<p>6-Millimeter Red Solar Panel Wire It is made from a high voltage 100% silicone which is great for the marine environment and is extremely flexible and highly durable. Each wire has the same amperage per foot as that of our 12-gauge wire, except with less resistance,</p>	1	

		making them perfect for long runs. Size 25m		
73	<b>Screw</b>	Head steel Assortment High Value Combo Pack Easy to install Made with Steel Flat Head Phillips Wood Screws: 6 X 1/2 inch (40), 6 X 3/4 inch (35), 8 X 1 inch (20), 8 X 1-1/4 inch (15), 10 X 1-1/2 inch (15), 10 X 2 inch (15)	1	
74	<b>PC Board</b>	HQ 812cm Single Side Prototype Board Perforated 2.54mm Breadboard (D16-3). Size: 8*12cm. Thickness: 1.6mm. Pitch: 2.54mm. Type: Single side. Plating: Plated. Pack of 2 pieces.	5	
75	<b>Solder iron</b>	0.3mm Fine Solder Wire 60/40 1.2% Flux Reel Tube Tin Lead Rosin Core Soldering. Width: approx.0.3mm Alloy: SN 60/ PB 40 Flux: 1.2% Features: Excellent scalability. Refined welding good fluidity, wetting, smoke spatter. Good solderability, insulation resistance and non-corrosive. Quick acting flue dissolves surface oxides for good wetting.	5	
76	<b>Bulb indicator DC</b>	DC - 10MM UNIVERSAL LED INDICATOR DASH PANEL WARNING LIGHT LAMP. Material: ABS Body Color: Black & Red / Blue / Green / Yellow Light color: Blue / Green / Yellow Light source: LED Power: Professional DC 12V Size: 30(L) x 12(D)mm / 1.18" x 0.47" Mounting hole diameter: 10 / 12mm Wire length: 21cm / 0.82"	70	

77	<b>Bulb indicator AC</b>	DC-10MM UNIVERSAL LED INDICATOR DASH PANEL WARNING LIGHT LAMP. Material: ABS Body Color: Black & Red / Blue / Green / Yellow Light color: Blue / Green / Yellow Light source: LED Power: Professional DC 12V Size: 30(L) x 12(D)mm / 1.18" x 0.47" Mounting hole diameter: 10 / 12mm Wire length: 21cm / 0.82"	70	
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## A. TECHNICAL SPECIFICATIONS

### 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 locations as stated below:

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

Vocational Training Centre in Sulaymaniyah

Vocational Training Centre in Duhok

### 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.