

SPECIFICATIONS**SUPPLY OF WELDING MATERIALS, ELECTRICAL APPLIANCES and POWER TOOLS****WBS No.: G-012342-135****RFQ No.:****7000022220 – LOT 1****7000022219 – LOT 2****7000022214 – LOT 3****WELDING MATERIALS – LOT 1**

No.	QTY	ITEM	UNIT	DESCRIPTION
1	4	50 Liter bottles of mixed gas (Gas Cylinder)	Piece	• Carbon Dioxide (CO₂): 82% • Argon (Ar): 18% • Mix Type: Pre mixed, industrial welding grade • Purity: ≥ 99.9% total gas purity • Water Capacity: 50 litres • Working Pressure: 200 bar @ 15°C • Gas Volume (free gas): approx. 9.5 – 10 m³ at 1 bar • Cylinder Material: Seamless carbon steel
2	20	Gas Nozzles	Piece	• Material: Ceramic • GTIN: 4250318917880 • Size: 8
3	50	Contact Tip	Piece	• Bore Sizes: 1.0 mm • Product: MIG/MAG Welding Contact Tip (Stromdüse/Kontaktdüse) • Material: E-Cu (Electrolytic Copper) • Thread Size: M6 connection thread • Wire Compatibility: SG2 steel wire, stainless steel wire, hard-facing wires
4	10	M6 Contact Tip Holder	Piece	Product: M6 Contact Tip Holder – 36 Series SKU: EV-36-M6-2PC Category: MIG/MAG Torch Consumables Material: Heavy Brass Length: 28 mm

5	10	Ceramic Diffuser	Piece	Product: 36 Series and Parker Ceramic Diffuser Kit (2 pc) SKU: EV-ME517-2PC Length: 32.8 mm Material: Ceramic heat-resistant insulator
6	8	Filler Wires	Piece	Type: SG3 / MG3 solid MIG/MAG welding wire (G4Si1) Standard: AWS/ASME SFA-5.18 ER70S-6 Weight: 15 kg spool Packaging: 30 kg spool each
7	8	Flat steel bars	Piece	Product: Flat Steel Bars Nominal Size: 125 × 10 mm Length: 6 m (fixed) Thickness: 10 mm
8	2	Steel pipe	Piece	Item: Steel Pipe Outside Diameter (OD): 159 mm Wall Thickness: 4.5 mm Length: 6 m(fixed) Material: Carbon Steel / Mild Steel
9	2	Steel pipe	Piece	Outside Diameter (OD): 48.3 mm Wall Thickness: 3.2 mm Length: 6 m (fixed) Material: Carbon Steel / Mild Steel
10	2	Angle Grinder Cutting Disc	Piece	Type: Abrasive Cutting Disc for Metal Thicknesses: 2.5 mm Application: Cutting carbon steel, mild steel, and general ferrous metals Bore Size: Typically 22.23 mm
11	2	Angle Grinder cutting discs	Piece	Type: Abrasive cutting disc, fiberglass reinforced Thickness: 5.0 mm Application: Cutting steel, carbon steel, and other ferrous metals Bore Size: 22.23 mm (standard) Standard: EN 12413 or equivalent

NB: NO TRANSPORTATION COST SINCE DELIVERY IS IN ACCRA.

ELECTRICAL APPLIANCES – LOT 2

No.	QTY	ITEM	UNIT	DESCRIPTION
1	5	Blender	piece	•Motor Power 800 :1,200 •Wattsmotor TypeHigh:torque copper •MotorSpeed ControlVariable : speed (minimum 3 levels)
2	3	Countertop Microwave Oven	piece	•Oven Capacity : 0.9 cubic feet (approx. 23 litres) •Microwave Output Power :900 •WattsPower Levels :10 •Net Weight : 25 lb. (≈ 11.3 kg) •Control Panel: Digial Panel •Quick Cooking :6 auto-cook menus - Turntable Size: 10.6 inch glass rotating plate
3	2	Rice Cooker	piece	• Capacity : 23–36 liters • Power : 3,000–4,000 W depending on model • Voltage : 220V/ 50Hz • Material : Stainless steel body with hinged lid • Inner Pot: Black crystal non-stick coated aluminium • Heating system: Advanced three-dimensional heating for even cooking • Functions: Automatic cooking, keep-warm,anti-dry burning safety
4	2	Chest Freezer (big size)	piece	• Capacity: 400–650 liters (suitable for large households or commercial use) • Cooling System: Direct cooling with manual defrosts • Energy Efficiency: Designed to minimize electricity consumption • Doors: Single or double door depending on model • Temperature Control: Adjustable thermostat for precise freezing • Build Quality: Corrosion-resistant body, durable hinges, and handles • Noise Level: Low-noise operation for home or business environments
5	1	Ice Chest (Ursus)	piece	• Capacity: 250-300 litres (large size, suitable for catering & events) • Insulation: Thick PE plastic body with polyurethane foam for extended ice retention • Cooling Duration: Keeps ice solid for 5-7 days depending on usage • Build Quality: Heavy-duty, impact-resistant shell; corrosion-resistant hinges • Mobility: Side handles, optional wheels for easier transport • Temperature: Maintains cold storage between 5°C to +10°C (with ice packs)

6	2	Gas Oven Stove	piece	• Type: Free-standing gas cooker with built in oven • Fuel: Liquefied Petroleum Gas (LPG) • Burner Type: High-efficiency brass or aluminum burners • Oven Type: Gas oven • Capacity: 50–60 litres (approx.) • Body Material: Stainless steel or coated steel • Control Panel: Front-mounted control knobs • Flame Failure Device: Optional (model dependent) • Heat Insulation: Oven well-insulated to reduce external heat • Compliance: Meets basic household gas appliance safety standards • Height: 85–90 cm • Weight: 30–40 kg
7	8	7-Piece Kitchen Knife Set	set	Set Size: 7 pieces Blade material: High-carbon stainless steel (X50CrMoV15) Hardness (HRC): 56-58 HRC (typical for this steel type) Edge angle: 14° per side (fine, sharp edge) Blade type: Plain edge Corrosion Resistance

NB: NO TRANSPORTATION COST SINCE DELIVERY IS IN ACCRA.

POWER TOOLS – LOT 3

No	QTY	ITEM	UNIT	DESCRIPTION
1	1	Impact Drill with Chuck and SDS chuck	piece	• Power Input: 750 – 1100 W • Rated Voltage: 220 – 240 V AC • Frequency: 50 / 60 Hz • Standard Chuck: 13 mm (½") keyed or keyless • SDS Chuck: SDS-Plus quick-change system • Concrete (SDS): Up to 26 mm • Concrete (Standard Chuck): Up to 13 mm • Weight: 2.5 – 3.5 kg
2	1	Flat Chisel For Rotary Hammer Drill	piece	• Shank Type: SDS-Plus (or SDS-Max – specify as required) • Shank Diameter: SDS-Plus: 10 mm • SDS-Max: 18 mm • Blade Width: 20 – 40 mm (commonly 25 mm or 40 mm) • Overall Length: 200 – 400 mm • Material: High-grade hardened alloy steel • Heat Treatment: Induction hardened for high impact resistance • Typical Weight: SDS-Plus: 0.3 – 0.6 kg • SDS-Max: 0.6 – 1.2 kg
3	1	Rotary Hammer (chisel hammer)	piece	• Rated Power Input: 800 – 1500 W • Rated Voltage: 220 – 240 V AC • Frequency: 50 / 60 Hz • No-Load Speed: 0 – 850 rpm • Impact Rate: 0 – 4,500 bpm • Impact Energy: 3.0 – 8.0 Joules • SDS-Plus: 3.0 – 4.5 kg • SDS-Max: 5.0 – 8.0 kg
4	1	Pointed Chisel For Rotary Hammer Drill	piece	Product Group: Rotary Hammer Drill Accessories Applications: Demolition, chiseling, and drilling in concrete, masonry, and stone Length: Standard (250–400 mm) Tip Geometry: Conical / pointed Drill Bits : 20mm And 35mm Drill Bits
5	1	230mm Angle Grinder	piece	• Rated Power Input: 2000 – 2600 W • Rated Voltage: 220 – 240 V AC • Frequency: 50 / 60 Hz • Disc Diameter: 230 mm • Disc Bore: 22.23 mm • No-Load Speed: 6,000 – 6,600 rpm • Spindle Thread: M14
6	10	SDS Drill Bits 6, 8, 10, 14mm	set	• Shank Type: SDS Plus • Shank Diameter: 10 mm • Retention System: Slotted SDS shank with positive locking • Overall Length: 110 – 260 mm (as specified) • Working Length: 50 – 200 mm (model dependent) • Body Material: High quality hardened alloy steel

7	2	Sets Of Hss Drill Bits 1-13mm	set	• Manufacturing Method: Fully ground • Surface Finish: Bright finish / Black oxide / Titanium Nitride (TiN) coating (as specified) • Point Angle: 118° (standard) or 135° split point (heavy duty) • Flute Type: Right hand spiral, precision ground • Shank Type: Straight shank • Flute Length: Standard DIN length • Drill Bit Diameter Range: 1 mm to 13 mm • Increment: - o 1.0 – 10.0 mm: 0.5 mm steps - o 10.0 – 13.0 mm: 1.0 mm steps (or as specified) • Total Pieces: Typically, 25 pcs (may vary by standard) • Material: High Speed Steel (HSS) • Grade: HSS M2 (DIN 338) or equivalent
8	1	2" Pipe Cutter	piece	• Cutting Capacity: Minimum: 10 mm • Maximum: 50 mm (2 inches) • Compatible material Mild steel pipe • Copper pipe • Brass pipe • Aluminum pipe Wheel Diameter: 18 – 22 mm • Wheel Hardness: Heat-treated for extended service life • Wheel Replacement: Tool-less or pin-mounted replaceable wheel
9	50	Pipe Hooks 2"	piece	Sizes: 2" Material: Galvanized steel Application: Wall / ceiling fixing
10	4	Floor-Standing Toilets	piece	• Material: Vitreous china / glazed ceramic • Glaze: Smooth, non porous, stain and scratch resistant enamel • Color: White (other colors optional) • Height (including cistern): 780 – 850 mm • Bowl Height: 380 – 420 mm • Projection: 600 – 700 mm • Rough In Dimension: 250 – 300 mm
11	4	Surface-Mounted Cisterns	piece	Type: External / surface-mounted Actuation: Push button or lever Inlet: Side or bottom Material: ABS or ceramic Compatible with floor-standing toilets
12	2	230mm Diamond Cutting Discs	piece	Product: Diamond Cutting Disc Nominal Diameter: 230 mm (9") Disc Type: Segmented / Turbo / Continuous rim (as applicable)
13	4	Wall-Hung Toilets	piece	Type: Wall-mounted WC bowl Material: Vitreous ceramic Outlet: Horizontal Fixing: Compatible with concealed cistern frames Color: White
14	4	60cm Washbasins	piece	Width: 600 mm Material: Vitreous ceramic Mounting: Wall-hung or countertop With overflow

15	4	Washbasin Faucets	piece	Type: Single-lever mixer Mounting: Deck-mounted Connection: ½" Finish: Chrome plated or equivalent
16	4	Concealed Cisterns	piece	Installation: In-wall Actuation: Front flush plate Flush volume: Dual flush Compatible with wall-hung toilets
17	4	Flush Plates For Concealed Cisterns	piece	Actuation: Dual flush Mounting: Front-mounted Material: ABS or stainless steel Compatible with concealed cistern model supplied
18	2	Kitchen Sink Faucets	piece	Type: Single-lever mixer Mounting: Deck-mounted Connection: ½" Finish: Chrome plated
19	2	Kitchen Sink Drain And Overflow Fittings	piece	Material: PVC / stainless steel Size: Standard kitchen sink dimensions Includes basket strainer and overflow Overall Size: 800 × 500 mm Bowl Size: Approximately 700 × 400 mm Bowl Depth: 200 to 250 mm Drain Opening: 90 mm (3½")
20	2	Single Bowl Stainless Steel Sink	piece	Material: Stainless steel Installation: Countertop / inset With drain opening and overflow hole
21	2	80x80mm Shower Trays	piece	Size: 800 × 800 mm Material: Acrylic or stone resin Surface: Anti-slip Outlet: Standard 90 mm
22	2	Shower Tray Feet	piece	Adjustable height Load-bearing plastic or metal Compatible with 80 × 80 cm trays
23	2	50mm Standpipe Valves	piece	Nominal size: 50 mm Material: PVC or metal Application: Drain / standpipe installations
24	2	Bathtub Feet	piece	Adjustable steel support frame Compatible with 170 × 75 tubs
25	2	Bathtub Drain And Overflow Fittings	piece	Material: PVC / stainless steel Activation: Cable or push-type Compatible with standard acrylic bathtubs
26	5	1" PVC Traps 1/2" X 50mm	piece	1" – ½" × 50 mm PVC trap With clean-out White or grey PVC
27	10	1 1/4" X 30mm PVC Pipe Traps	piece	1¼" × 30 mm PVC pipe trap With clean-out White or grey PVC
28	2	170x75mm Bathtubs	piece	Product: Bathtub Nominal Size: 170 × 75 cm Standard (manufacturer specification) Shape: Rectangular
29	20	Angle Valves 1/2"	piece	Size: ½" Type: Shut-off / angle valve Finish: Chrome Application: Washbasins, toilets

30	20	Sets of Toilet Fixings	set	Complete fixing kit Includes bolts, washers, plugs Corrosion-protected
31	100	Stud Bolts 8x80mm	piece	Size: M8 × 80 mm Thread Diameter: 8 mm Overall Length: 80 mm Thread Type: Metric coarse thread (M8) Material: Carbon steel, galvanized steel, or stainless steel (as specified) Threading: Fully threaded or double-end threaded stud bolt
32	100	Stud Bolts 8x100mm	piece	Size: 8 × 100 mm Material: Steel, zinc plated
33	20	Threaded Couplings M8	piece	Size: M8 Material: Steel Female–female internal thread
34	10	Threaded Rods M8 x 1000mm	piece	Size: M8 × 1000 mm Material: Steel, zinc plated
35	20	Pipe Clamps 3/8"	piece	Sizes: 3/8" Type: Rubber-lined or standard Material: Galvanized steel
36	20	Pipe Clamps 1/2"	piece	Sizes: 1/2" Type: Rubber-lined or standard Material: Galvanized steel
37	20	Pipe Clamps 2"	piece	Sizes: 2" Type: Rubber-lined or standard Material: Galvanized steel
38	20	Pipe Clamps 4"	piece	Sizes: 4" Type: Rubber-lined or standard Material: Galvanized steel
39	100	Pipe Hooks 1/2"	piece	Sizes: 1/2" Material: Galvanized steel Application: Wall / ceiling fixing
40	20	Sets of Washbasin Fixings	set	Wall-mounting kit Includes threaded rods, plugs, washers
41	200	Dowels 14mm	piece	Plastic / nylon wall plugs Sizes: 14
42	1000	Dowels 10mm	piece	Plastic / nylon wall plugs Sizes: 10
43	200	Dowels 8mm	piece	Plastic / nylon wall plugs Sizes: 8
44	1000	Dowels 6mm	piece	Plastic / nylon wall plugs Sizes: 6
45	200	Spax Screws 4.5 x 50mm	piece	Spax Screws: 4.5 × 50 mm Material: Steel, zinc coated or equivalent
46	100	Lag Screws 8x60mm	piece	Lag Screws: 8 × 60 mm Material: Steel, zinc coated or equivalent
47	100	Washers 8mm	piece	Size: 8 mm Material: Steel, zinc plated
48	100	Stud Bolts 8x60mm	piece	Size: 8 × 60 mm Material: Steel, zinc plated

NB: NO TRANSPORTATION COST SINCE DELIVERY IS IN ACCRA.