

**Annex I: Technical Specification and Bill of Quantities for the supply and installation full function briquette  
Production plant in**

Item No.	Description	Unit	Quantity	Remark
<b>1a</b>	<b>Hydraulic Punch Ball type Charcoal Dust Briquette Making press Machine</b>			
	<b>Option A (briquette making press machine with a separate Mixer)</b>			
	<b>Briquette Making Machine with accessories</b>	Set	1	
	Capacity: 300-350kg/hr			
	Non-corrosive, durable structure, very high-quality workmanship			
	Complete installation, service and operation manual in English language			
	Simple and safe operations and installation			
	Reduced noise (less than 80 db)			
	V-belt drive system			
	3 Phase, 380V, 50HZ, max KW 18.5KW			
	ball size of charcoal briquette not less than 50mm			
	Estimated life span: minimum of 10 years			
	Minimum of 2 year warranty			
	CE ISO certified			
	<i>Including two exchangeable moulds (diameter 12 cm):</i>			
	<i>1. Cylinder/honeycomb shape (12 cm diameter, adjustable height) and</i>			
	<i>2. Hexagonal hollow shape</i>			
<b>2a</b>	<b>Pan type Mixer Char powder with clay for briquette charcoal production</b>	Set	1	
	Capacity: 500-700kg/hr			
	paint with Corrosion protector			
	including service and operational tools.			
	Low speed motor, 3phase, 11kw, continuous feed.			
	V-belt power transmission system			
	Complete installation, service and operation manual in English language			
	Simple and safe operations and installation			
	Reduced noise (less than 80 db)			
	Estimated life span: minimum of 5 years			
	Minimum of 1 year warranty			
	CE ISO certified			
<b>3</b>	<b>Hammermill charcoal Crusher with Cyclone</b>	pcs	1	
	Capacity: 500-700kg/hr			
	<i>Dust free during operation technology:</i>			
	<i>a) With ventilated cyclone to absorb dust</i>			
	<i>b) Completely sealed with gaskets</i>			
	<i>c) Indirect Inlet and outlet (e.g. around a corner)</i>			
	Safe technology: no risk of dust explosion			
	Maximum of 2700rpm			
	Screen mesh size: maximum: 5mm			
	All flanges/edges/ joints sealed with gaskets = dustproof.			
	Non-corrosive, durable structure, very high quality workmanship			
	including service and operational tools			
	Complete installation, service and operation manual in English language			
	Simple and safe operation and installation			
	Reduced noise (less than 80 db)			
	V-belt drive system			
	3 Phase, 380V, 50HZ, max KW 18.5KW			
	Estimated life span: minimum 10 years			
	Minimum of 2 year warranty			
	CE ISO certified			
<b>4</b>	<b>Carbonizer/Kiln for Briquette charcoal production</b>	pcs	3	
	Capacity: 1000 Kg per kilning			
	Internal cone: 2mm thick and perforated hole 4mm carbon steel			
	Outer body: 2mm thick carbon steel			
	Outer cone and external body cover: 1.5mm thick carbon steel			
	Safe technology: clean carbonizer/reduced air pollution			
	Non-corrosive, durable structure, very high quality workmanship			
	Complete installation and operation manual in English language			
	Simple and safe operation and installation			
	Minimum of 1 year warranty			