

Specifications for the supply and delivery of construction materials for 6 cubic meter biogas digester for 10 households in Gunjaneni village, Umkhanyakude District Municipality, KZN.

DESCRIPTION	QTY	UNIT	AMOUNT (EX. VAT)
1. MATERIALS FOR DIGESTER CHAMBER			
	Bricks (220 x 110 x70) (clay)	20 000	Bricks
	42.5 N Cement (50 kg)	500	Bags
	Coarse sand (river sand) (m ³) NB: May not be replaced with crusher dust!	40	m ³
	Fine sand (plaster sand) (m ³)	40	m ³
	Underground PVC- 110 mm diameter pipe (6m length). SABS approved	5	Each
	2.5 mm binding wire (5 kg)	1	Each
	Black plastic sheeting 250 micron (3m x 30m roll) SABS approved	10	Rolls
SUB-TOTAL FOR 1			
2. MATERIALS FOR CONCRETE SLAB COVERS			
	6 mm x 6 m round bar	10	Each
	Reinforce mesh sheet (6 m x 2.4 m 5.6 mm)	10	Sheets
SUB-TOTAL FOR 2			
3. GAS PIPELINE CONNECTION			
	Galvanized standpipe 20mm x 300mm (threaded ends, must be thick to allow for welding)	10	Each
	20 mm galvanized nipple barrel	20	Each
	20x20x20 mm galvanized tee	10	Each
	Brass ball valve lever 20 mm	20	Each

	PVC ball valve (20 mm diameter)	10	Each	
	15 mm diameter HDPE pipe (100m roll)	1	Rolls	
	20 mm diameter HDPE pipe (100m roll)	10	Rolls	
	20 mm compression elbow	20	Each	
	20 x 20mm compression female elbow	10	Each	
	HDPE male coupler 20mm x 3/4	10	Each	
	HDPE male tee 20mm x 3/4	10	Each	
SUB-TOTAL FOR 3				
4.	DELIVERY CHARGES			
	<p>Transport and delivery of materials to project 10 sites within a 5 km radius of Gunjaneni Clinic, Gunjaneni Village, Mtubatuba Local Municipality, Umkhanyakude District Municipality .</p> <p>GPS co-ordinates S: -28.244194075936168 E : 32.08814993069292</p>	1	Each	

Table 2: Summary of prices

RFQ SUMMARY OF PRICES		
ITEM	DESCRIPTION	TOTAL AMOUNT (R)
1	SUB-TOTAL DIGESTER CHAMBER MATERIALS	
2	SUB-TOTAL MATERIALS FOR CONCRETE SLAB COVERS	
3	SUB-TOTAL GAS PIPELINE CONNECTION	
4	SUB-TOTAL DELIVERY OF MATERIALS TO SITE	
	TOTAL (1 – 4)	
	PLUS VAT 15 % (if VAT registered)	
	GRAND TOTAL	