

**ANNEXURE A: THE BILL OF QUANTITIES - BID-NUMBER: NRMDP/KZN-T01/2020**

**1. Supply , delivery of drinking troughs and completion of the roof and the feeding troughs for Nongoma Feedlot**

**Delivery address: Kwa-Sonkomose**

**GPS Coordinates: 27°55'35.9"S 31°43'01.9"E**

**Contact person for directions: Ms. Zamandaba Zulu**

Items	Size	Description	Quantity
Feeding trough	600 cm X 120 M	reinforce brick wall, maintain a dish shape of the trough, smoothen inner surface	40
Drinking troughs	3m long	fit troughs on the aprons and connect to water sources	5
All Purpose cement	50 Kg		30
Stone 19mm Per Ton	8 tons		
Sand per Cubic metre	8		

**2. Supply , delivery of drinking troughs and installing completion of the roof and the feeding troughs for King Cetshwayo Feedlot**

**Delivery address: KwaBiyela Administration Area / Debe**

**GPS Coordinates: :28°27'03.7"S 31°42'51.4"E**

**Contact person for directions: Mr. Novela Zuma**

Items	Size	Description	Quantity
Feeding trough	600 cm X 120 M	reinforce brick wall, maintain a dish shape of the trough, smoothen inner surface	40
Drinking troughs	3m long	fit troughs on the aprons and connect to water sources	5
All Purpose cement	50 Kg		30
Stone 19mm Per Ton	8		
Sand per Cubic metre	8		

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**3. Supply, deliver and install drinking troughs & the construction of feeding troughs and the four pen kraals for UGU Feedlot**

**Delivery address: Ridges farm (Harding)**

**GPS Coordinates: 30°37'25.4"S 30°00'52.5"E**

**Contact person for directions: Samkelisiwe Xolo**

Items	Size	Description	Quantity
Feeding trough	600 cm X 120 M long	reinforce brick wall, maintain a dish shape of the trough, smoothen inner surface	40
Drinking troughs	3m long	fit troughs on the aprons and connect to water sources	5
All Purpose cement	50 Kg		60
Stone 19mm Per Ton	8 tons		
Building sand	20 tons		

**The construction material for the kraal is already bought.**

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**4. Supply & delivery and installation of booster Feed Materials for Mhlumayo Feedlot**

**Delivery address: Mhlumayo, Emjindini**

**GPS Coordinates: 28°39'31.2"S 30°06'43.6"E**

**Contact person for directions: Mr. Cosmo Zondi**

Description
2 X solar Panels sufficient to run 36 LED lights
Solar back battery
Solar power regulator
Invectro
36 X LED strip Lights
Commissioning
Water supply
10 A (maximum) Power supply generator
2 X 8 station irrigation controllers & components
1.Kw Pressure pump
Corrugated sheeting
Commissioning
Skills Training & Sustainability of the system
4 day operation & maintenance training on Feed growing system - for operators
Plastic fusion welding kit
Tool box containing all other maintenance tools
10x7x3.2 m (1.5 ton output per day) Booster building

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**5. Feedlot Water provision through drilling and equipping of the borehole for Mhlumayo Feedlot**

- ✓ On site geological & hydrogeological site characterisation;
- ✓ Hydrocesus – 500m radius;
- ✓ Geophysical surveying for exploration drilling;
- ✓ Exploration drilling;
- ✓ Aquifer testing of a successfully drilled borehole;
- ✓ Hydrochemical analysis of the sampled newly drilled borehole;
- ✓ Compilation of borehole management recommendations;
- ✓ Compilation of the final investigation technical report.
- ✓ Installation of water pipes, water pump, generator (solar/fuel) and connection to the tanks and water trough.

**6. Supply and delivery of bricks, cement and 5 drinking troughs and two mobile loading ramps. Complete the feeding troughs and the roof or Impendle Feedlot**

**Delivery address: Clarence Village**

**GPS Coordinates: 29°36'57.5"S 29°39'55.2"E**

**Contact person for directions: Mr. Mzoli Matwa**

Items description	size	Quantity
Common bricks		200
All Purpose cement	50 Kg	30
Drinking troughs	3m long X5	fit 5 troughs on the aprons and connect to water sources
Mobile Cattle Loading ramps		2

**Roof material has already been bought**