



**UMZIMVUBU**  
LOCAL MUNICIPALITY

Person dealing with this matter: Mr. N. Zibi

Date: 28/04/2015

**Request for Quotation**

The Umzimvubu Local Municipality invites interested service providers to provide us with. **Quotation: TO SUPPLY DELIVER, INSTALL AND COMMISSIONING OF GENERATOR AT ALOE VALUE STRUCTURE IN WARD 04 BETSHWANA A/A AS PER SPECIFICATION.**

**PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT OF 2011 WILL BE APPLYING AS FOLLOWS**

**PRICE: 80**

**BBB-EE: 20**

Closing Date for submissions is 08/05/2015 @ 12:00 noon.

For any enquiries and specification, please contact Supply Chain Management Office @ Tel: 039 255 8555. **NB: NO QUOTATION(S) WILL BE CONSIDERED FROM PERSON(S) IN THE SERVICE OF THE STATE AND COMPAN(Y)NIES NOT REGISTERED IN THE ULM SUPPLIER DATABASE.**

**THE FOLLOWING MUST BE ATTACHED: ORIGINAL OR CERTIFIED COPY OF THE CK DOCUMENT SHOWING ALL DIRECTORS, CERTIFIED COPY OF THE BBBEE VERIFICATION CERTIFICATE, DECLARATION OF INTEREST AND A VALID ORIGINAL SARS TAX CLEARANCE CERTIFICATE. FAILURE WILL RESULT IN DISQUALIFICATION.**

**SUBMISSIONS ARE TO BE MADE AT THE QUOTATIONS BOX AT SCM OFFICE. QUOTES SUBMITTED ELECTRONICALLY WILL NOT BE ACCEPTED.**

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**MR GPT NOTA**

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www.umzimvubu.gov.za

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**Specification for Aloe Value Generator**

Request for supply, delivery, installation and commissioning of the generator at the Aloe Value Structure ward 04.

**Structure**

- The generator set should have a compact structure and design.
- The exhaust should be ducted out from the top cover to facilitate installation
- The layout of the oil and coolant inlet should be designed to permit easier access for service.

**Noise Running**

- Super silent generator with series that offers unparalleled low noise levels.
- Double air inlet and outlet design.
- Equipped with a built-in large sound attenuating muffler and additional sound insulation liners to limit noise.

**Digital Control Panel**

- A DC generators that can be paralleled together with two or more, without limitation on model or number.
- Appropriate power capacity and number of paralleling units which can be selected to meet different loads.

**Power Output**

- The output at 110% of rated load. An improved AVR (Automatic Voltage Regulator) that can limit voltage fluctuation to a very low level and ensures smooth and steady output. Additionally, the AVR should feature built-in overload protection and can be able automatically shut off

**Efficiency**

A high efficiency combustion system designed to reduce fuel consumption and operation costs

ITEM	SIZE/FREQUENCY
Rated frequency(Hz)	50 60
Rated output(kVA)	25/30
Max.output(kVA)	25/30
Rated voltage(V)	115/230 120/240
Rated current(A)	125/62.6 142/70.8
Rated speed(r/min)	3000 3600
Generator model	KT19
Pole No.	2
Loop mode	Three phase three-line
Excitation mode	Self-excitation and constant voltage(AVR)
Power factor	0.9(Lag)
Insulation grade	F
Engine model	KM376AG
Engine type	three-cylinder, in-lined, four-stroke, swirl chamber, water-cooled
BoreXstroke(mm)	76X77
Total displacement(L)	1.048
Compression ratio	21.5:1
Rated power(kW)	15.3 17.5
Cooling water capacity(engine)(L)	6
Radiator tank(L)	5
Lubricating system	Pressure splashed
Lube oil brand	SAE10W-30,15W-40(above CD grade)
Lube oil capacity(L)	4.8
Starting system	12V Electric starter
Starting motor capacity(V-kW)	12V 1.4kW
Charging generator capacity(V-A)	14V 25A
Battery capacityXNo.(V-Ah)	12V 65AhX1
Fuel type	0#(summer), -10#(winter),-35#(chillness)diesel
Fuel consumption(g/kW.h)	≤320
Panel type	Digital panel
Output voltage(V)	115/230 120/240
Receptacle	Two single-phase receptacles
Connection pole	Available

Noise level(zero load-full load)[dB(A)/7m]	72
Structure type	Super silent
Fuel tank capacity(L)	38
Continous running time(hr)	6
Overall dimension(LXWXH)(mm)	1540X845X925    1540X700X810(without wheels)
Dry weight(kg)	442



Prepared By *C.S. Mcoombeli*  
C.S. Mcoombeli

Approved By *[Signature]*  
Mr. M. Matam (LED Assistant Manager)

Authorized by *[Signature]*  
Ms. L.S. Batyi (LED Manager)

17-04-2015  
Date

17-04-2015  
Date

17-04-2015  
Date