



# UMZIMVUBU

LOCAL MUNICIPALITY

**ADVERTISING DATE: 13 August 2020**

**UMZ/20-21/SOLAR PV(C&CS)**

**SERVICE PROVIDER FOR SUPPLY, DELIVERY AND INSTALLATION OF ROOFTOP SOLAR PHOTOVOLTAIC SYSTEM AT EMAXESIBENI BOTANIC GARDENS GALLERY CENTRE**

Bidders are hereby invited to submit proposals/Quotations for service provider for supply, delivery and installation of rooftop solar photovoltaic system at emaxesibeni botanic gardens gallery centre as per ToRs.

**MANDATORY DOCUMENTS TO BE SUBMITTED FAILURE TO DO SO WILL LEAD TO BE NON RESPONSIVE.**

Umzimvubu Local Municipality Supply Chain Management will apply. A valid Original Tax Clearance Certificate or confirmation from SARS with a verification pin, copy of company Registration/Founding Statement/CIPC Documents. Certified BBBEE certificate and a combined BBBEE for a joint venture (non-elimination item). JV Agreement for Joint venture. 80/20 evaluation criteria. Prices quoted must be firm and must be inclusive of VAT for vat vendors. Certified ID Copies of Managing Directors/ Owners. CSD Registration and MBD forms 4, 8 and 9 are compulsory submission and Billing Clearance certificate or Statement of Municipal Accounts. Certified copies of Certificates must not be later than 90 days of closing date. **No faxed, e-mailed and late tenders will be accepted.** Umzimvubu Local Municipality reserves the right not to appoint and value for money will be the key determinant. All quotation must be deposited in the quotation box situated at **Umzimvubu Local Municipality Offices at SCM office 813 Main Street, Mt Frere** not later than **12h00 noon on 24 August 2020**. All tenders must be clearly marked "Name of the project or Reference number". All service providers must be registered on CSD and submit proof. The municipality will not make award any award to a person or persons working for the state.

**Enquiries:** All technical enquiries may be directed to Mr. A. Mandlana [Mandlana.Asanda@umzimvubu.gov.za](mailto:Mandlana.Asanda@umzimvubu.gov.za) & Mr Mbukushe (SCM Manager) 039 255 8500 [Mbukushe.Themba@umzumvubu.gov.za](mailto:Mbukushe.Themba@umzumvubu.gov.za)

Other enquiries regarding this Bid may be directed to the office of the Municipal Manager:

**Attention: Mr G.P.T Nota**

**813 Main Street or P/Bag X9020**

**MT FRERE**

**5090**

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**GPT NOTA (MUNICIPAL MANAGER)**



Terms of Reference

Request for:                      Consultant                         Individual contractor  

**SUPPLY, DELIVERY AND INSTALLATION OF ROOFTOP SOLAR  
PHOTOVOLTAIC (PV) SYSTEM EMAXESIBENI BOTANICAL GARDENS  
GALLERY CENTRE.**

**NO:**

Terms of reference (ToR).

**Introduction and background**

The Umzimvubu Local Municipality in its quest to conserve the environment and to reclaim the natural ecosystem have earmarked or reserved +/- 10 hectares of urban land for establishment of a Botanical Gardens. The initiative is aimed at addressing the issues of restoring ecosystems. The proposed area is in the build-up urban area and will be integrated to the existing developments which are as follows:

1. Ntsizwa Eco Park
2. Mount Ayliff old cemetery (Monumental site )
3. Bridge Complete Green Street.

This establishment will provide knowledge and expertise in plant taxonomy, horticulture, biodiversity inventory, conservation biology, restoration ecology and ethnobotany.

This Botanic garden will also collectively serve as a Local and District Municipality repository for documented plant material, with at least one-third of all flowering plants maintained in living collections or seed banks. Utilizing knowledge gained from these collections, related herbaria and libraries, and combined with landscape knowledge from field surveys and ecological research, which will bring the understanding necessary to ensure that restoration leads to adequate taxonomic diversity and incorporates appropriate genetic provenance.

Propagation nurseries produce pre-finished plant material (liners), such as ornamental trees, shrubs, and grasses, fruit trees, and annual and perennial flowers. Plants are propagated either by seed or by vegetative means, such as by cuttings, grafting or tissue culture. Some nurseries specialize in growing and selling prefinished plants to other growers, making propagation their sole business. However, some wholesale nursery operations have their own propagation areas where plants are produced for in-house use

With this initiative the Municipality is also aiming to restore diverse and ecologically resilient places, avoiding the dangers and pitfalls associated with growing inappropriate plants in the wrong environment.



**INSTALLATION OF ROOFTOP SOLAR PHOTOVOLTAIC (PV) SYSTEM AT  
EMAXESIBENI BOTANICAL GARDENS GALLERY CENTRE.**

The 500kW installation covers most of the available gallery roof space, an area of about 49m<sup>2</sup> and the energy generated will be used to power the gallery’s daily operations.

The installation or provision of alternative clean energy is therefore an essential element in trying to put into place strategies that will assist in meeting the current energy challenge as well as to reduce the traditional electricity consumption an in addition to reduce gallery’s carbon footprint.

The following scope of work is proposed:

The key priority area for the appointed service provider/s is to supply, delivery and installation of rooftop solar photovolataic (PV) system (as per the attached provided BOQ) at EmaXesibeni Botanical Gardens Gallery Centre (*See the attached building plan*) in EmaXesibeni Town.

Activity and Qty	Specification	Produces	10 000 W/day
		<b>Backup capacity</b>	<b>7-14 days</b>
Solar panels x 8	500kW		Current automation
Bracket			
Invertor x 2	1500W		Current automation
Regulator x 2	20A	Mppt	Current Automation
Batteries x 6	105Ah		Essential Energy
Wiring			
Box			

PS. Installation or provision of security measures to avoid theft and malicious damage

**SOUND MANAGEMENT**

- Practical & realistic timeframes and targets to avoid disappointment and non-delivery
- Sound project management and facilitation
- Cost effectiveness and accountability for the use of public funds for any actions

Reporting lines

The appointed service provider/s shall report directly to Assistant Manager: Community Services and Project steering committee.