



**DANNHAUSER LOCAL MUNICIPALITY**

**QUOTATION INVITATION FOR TENDER NO: DANN/07/04/2026**

**TENDER DOCUMENT FOR:**

**CALL FOR THE ELECTRICAL CONTRACTORS WITH CIDB GRADE 3EP OR HIGHER  
FOR THE ELECTRIFICATION OF SHAYAMOYA DANNHAUSER IN WARD 10**

**CLOSING DATE: 29 April 2026**

<b>NAME OF SERVICE PROVIDER</b>	
<b>CONTACT PERSON</b>	
<b>E-MAIL ADDRESS</b>	
<b>TELEPHONE NUMBER</b>	
<b>FAX NUMBER</b>	
<b>PHYSICAL ADDRESS</b>	
<b>TOTAL BIDDING PRICE</b>	

<b>Issued By:</b>	<b>Prepared by:</b>
DANNHAUSER MUNICIPALITY Private Bag X1011 Dannhauser 3080 Tel: (034) 621 2666 Fax: (034) 621 3114	FINANCE SERVICES DEPARTMENT DANNHAUSER MUNICIPALITY 1 West Street Dannhauser 3080 Tel: (034) 621 2666 Fax: (034) 621 3114

# DANNHAUSER LOCAL MUNICIPALITY (KZ - 254)

1 West Street  
Private bag X1011  
Dannhauser  
3080



Telephone : (034) 621 2666  
Facsimile : (034) 621 3114  
Email:  
procurement@dannhauser.gov.za

## SUPPLY CHAIN MANAGEMENT NOTICE OF INVITATION

### INVITATION TO BID

Tender Description	ELECTRIFICATION OF SHAYAMOYA DANNHAUSER IN WARD 10
Tender Number	DANN/07/04/2026
Invitation Date	14 April 2026
Compulsory Site Visit	The <b>compulsory</b> site visit will be held on the <b>24 April 2026, at 10h00am</b> meeting point will be at <b>Technical Services, Dannhauser Municipality</b> 1 West Street, Dannhauser 3080 to different locations
Closing Date and time	The tender must be submitted on the letter head of your business no later than, 29 April 2026
Technical Enquiries	Technical enquiries may be directed to Zanele Mnguni Technical services, email: <a href="mailto:zanele@dannhauser.gov.za">zanele@dannhauser.gov.za</a> or Telephonically on 034 940 0744 ext. 744 or at 1 West Street, Dannhauser, during working hours, between 07h30 to 16h00 with a lunch interval from 13h00 to 13h30, Monday to Friday.
SCM Enquiries	SCM enquiries may be directed to Mr. Joe Hlongwane, SCM Manager, email: <a href="mailto:joeh@dannhauser.gov.za">joeh@dannhauser.gov.za</a> or Telephonically: 034 940 0717 ext. 717 or at 1 West Street, Dannhauser, during working hours, between 07h30 to 16h00 with a lunch interval from 13h00 to 13h30, Monday to Friday.
Where quotation can be collected	Documents will be available for download from the municipal website <a href="http://www.dannhauser.gov.za">www.dannhauser.gov.za</a> or can be collected at Dannhauser Municipal Offices (1 West Street, Dannhauser, 3080) NOT APPLICABLE
Where Quotation should be delivered	Quotations must be submitted in a sealed envelope: clearly marked " <b>Tender number &amp; Description</b> " and must be deposited in the tender box situated at the security room of Dannhauser Municipal offices, 1 West Street, Dannhauser, 3080

### Administrative Requirements

- Bid submitted must be complete in all respects
- CIPC Registration certificate
- Central Supplier Database Registration
- Certified directors ID copies not older than 3 months

### Criteria 1 - Mandatory Requirements

- Municipal rates and taxes in company name not in arrears for more than 3 months - bidder to submit municipal rates account not older than 3 months/ Proof of residential address if residing in the non-rate paying area must attach affidavit.
- Tax Compliance Status "on the award" - bidder to submit Tax Pin for verification
- Bidder must not be employed in the service of the state "on the award"

- CIDB GRADE 3EP OR HIGHER
- Bidder must not be listed in the Register for Tender Defaulters and/or listed on Restricted Suppliers “on the award”

**Compulsory site visit**

- **DATE** :24 April 2026
- **TIME** : 10h00am
- **MEETING POINT** : *Technical Services, Dannhauser Municipality 1 West Street 3080 to site*

Failure to comply with the Mandatory Administrative Requirements shall result in the offer being considered non-responsive and shall be rejected

**Criteria 2 – Preferential Point System (80/20)**

The specific goals allocated points in terms of this quotation	Number of points claimed (80/20 system) (To be completed by the municipality)	Number of points claimed (80/20 system) (To be completed by the tenderer)	Means of verification
More than 51% owned by black people = 10 Less than 51% owned by black people = 5	10		Certified ID copies (Directors) / CSD Report / Shareholders Certificate
Enterprise located within: Dannhauser Area = 10 Enterprise located within: Amajuba District = 08 Enterprise located within: Kwa- Zulu Natal = 05 Enterprise located outside: Kwa- Zulu Natal = 03	10		CSD / proof of municipal accounts/affidavit/proof of residence signed by ward Councillor (for those residing in rural areas) / lease agreement
<b>Total</b>	<b>20</b>		

- It is mandatory for bidders to complete MBD 6.1 to claim points for specific goals, failure to complete MBD 6.1 shall be interpreted to mean that the points for specific goals are not claimed.
- Bidders must fill in the tender register stating the date and time when they submitted their tender, available at the tender box
- The Municipality reserves the right to withdraw any invitation to tenders and/or to re-advertise or reject any tender or accept a part of it.
- The Municipality reserves the right to appoint a portion or split the service-to-service providers
- The Municipality does not bind itself to accepting the lowest tender or award a contract to the bidder scoring the highest number of points.

### **Criteria 3 – Functionality**

**Functionality/quality: tender must achieve at least 75% in order to qualify for the second stage.**

The points associated with the comprehensive proposal will be awarded as reflected in the following table.

<b>KEY ASPECT OF CRITERION</b>	<b>BASIS FOR POINTS ALLOCATION</b>	<b>Score</b>	<b>Max Points</b>	<b>VERIFICATION METHOD</b>
Experience of the Bidder (Name of traceable reference with contact details to be included for verification)	10 Points will be allocated for each completed electrification project. Tenderers to submit a letter of appointment and the completion certificate. If extension of time was granted; the contractor should submit a letter of approval for extension of time. With the maximum of four projects.	Excellent	20	Each project with appointment letter and completion certificate will give the bidder 10 points
Site Construction Manager	National Diploma in Electrical Engineering from the University of Technology with 4-10 years' experience or NQF 6/N6 plus trade test with 3-7 years' experience.	Excellent	15	Curriculum Vitae and certified copies of certificates to be attached.
	National Diploma in Electrical Engineering from the University of Technology with less than 4 years' experience or NQF 6/N6 plus trade test with less than 3 years' experience.	Good	10	Curriculum Vitae and certified copies of certificates to be attached.
Eskom Permit Holder	2 (Two) Eskom Permit Holders with the submission of the Permit Certificate and a clear certified copy of Permit Cards (Pictures and ID numbers must reflect) 5 points per permit holder.		10	Curriculum Vitae and certified copies of certificates to be attached.
Foreman Supervisor	4 years and above experience in electrification projects and must have a certificate for working on overhead lines, and to be in possession of Authorization as a Responsible person (HVREGS/ Permit holder) Certificate, supervisory skills certificate, (Contractor to provide written proof of this experience with reference phone numbers)	Excellent	15	Curriculum Vitae and certified copies of certificates to be attached



**SCOPE OF WORK**



**DANNHAUSER LOCAL MUNICIPALITY**

**TECHNICAL SERVICES**

**CALL FOR THE ELECTRICAL CONTRACTORS  
WITH CIDB GRADE 3EP OR HIGHER FOR THE  
ELECTRIFICATION OF SHAYAMOYA  
DANNHAUSER IN WARD 10**

## 1. PURPOSE:

The purpose of this report is to provide the details for the electrification of Shayamoya village in Dannhauser Ward 10.

## 2. SCOPE:

The scope of work is to electrify Shayamoya village. MV fox conductor to be strung on 11m wood poles and LV ABC conductor to be strung to 7m & 9m wood poles and service connects to the houses through 6mm<sup>2</sup> service cable.

### General Requirements

A total of 3 new zones and existing transformer zone distributed as follows:

- 1 x 16kVA 11kV/230V (1 new transformer)
- 1 x 50kVA 11kV/415V ( 1 existing transformer)
- 1 x 50kVA 11kV/415V (1 new transformer)
- 1 x 200kVA 11kV/415V (1 new transformer)

Use 1960m of Fox conductor:

1810m of fox conductor to be used for the three new zones

150m of fox will be to upgrade from two phases to three phase on Blaauwbosch NB1.

Construct 3460m of LV ABC conductor:

Single phase of 35mm<sup>2</sup> ABC length : 360m

Three phase of 35mm<sup>2</sup> ABC length : 3100m

Install 3500m of Service Cable. (average of 35m per Conn)

Install 100 split meters.

Install 3 data concentrators

## 3. SITE LOCATION

The area to be electrified is called Shayamoya in Dannhauser Ward 10 and the GPS coordinates are as below:

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WARD NUMBER	WARD NAME	GPS LOCATIONS
10	Shayamoya	27°40'.09" S, 30°09'.20" E

#### **4. SAFETY PRECAUTIONS**

The following safety practices will be exercised during the installation,

1. All open holes excavated and no poles planted to be barricaded.
2. Stacking of poles to be as per standard and where poles are stacked a fire guard is to be installed.
3. All outages to be carried out with an Eskom authorised permit holder with an MV/HV authorised to receive the permit to work.
4. All personnel going up the poles to have proper at tested fall arrest system (FAS).
5. Crane and all lifting gear for the installation of transformers should be tested by competent person.
6. All earthing to be done as per standard and all transformer earth resistance to be tested.
7. Safety briefing to be conducted everyday before commencement of work and all tasks explained to the team by the supervisor.
8. Fire extinguisher to be available at the site camp.

#### **5. PROCEDURE:**

- The electrical installation shall be as per the layout drawing which should be used together with the BOQ.
- All materials used on the project to be procured from Eskom approved suppliers

***Only bidders who attended the compulsory site visit will be recognised on the closing date.***

**PART A  
INVITATION TO BID**

**MBD 1**

**YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DANNHAUSER LOCAL MUNICIPALITY**

TENDER NUMBER:	<b>DANN/07/04/2026</b>	CLOSING DATE:	29/04/2026	CLOSING TIME:	12H00PM
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DESCRIPTION **ELECTRIFICATION OF SHAYAMOYA DANNHAUSER WARD 10**

**THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD7).**

BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX  
SITUATED AT THE SECURITY ROOM OF DANNHAUSER MUNICIPAL  
OFFICES

**1 West Street  
Dannhauser  
3080**

**SUPPLIER INFORMATION**

NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					

TAX COMPLIANCE STATUS	TCS PIN:		<b>OR</b>	CSD No:	
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ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER PART B:3 ]
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TOTAL NUMBER OF ITEMS OFFERED		TOTAL BID PRICE	R
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SIGNATURE OF BIDDER	.....	DATE	
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**CAPACITY UNDER WHICH THIS BID IS SIGNED**

<b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:</b>		<b>TECHNICAL INFORMATION MAY BE DIRECTED TO:</b>	
DEPARTMENT	SCM	DEPARTMENT	TECHNICAL SERVICES
CONTACT PERSON	Joe Hlwongwane	CONTACT PERSON	Zanele Mnguni
TELEPHONE NUMBER	034 621 0717	TELEPHONE NUMBER	034 940 0744
FACSIMILE NUMBER	034 621 3114	FACSIMILE NUMBER	034 621 3114
E-MAIL ADDRESS	<a href="mailto:joeh@dannhauser.gov.za">joeh@dannhauser.gov.za</a>	E-MAIL ADDRESS	<a href="mailto:zanele@dannhauser.gov.za">zanele@dannhauser.gov.za</a>

**PART B  
TERMS AND CONDITIONS FOR BIDDING**

**1. BID SUBMISSION:**

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED– (NOT TO BE RE-TYPED) OR ONLINE**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.

**2. TAX COMPLIANCE REQUIREMENTS**

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.
- 2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

**3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS**

- 3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?  YES  NO
- 3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA?  YES  NO
- 3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?  YES  NO
- 3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?  YES  NO
- 3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?  YES  NO

**IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.**

**NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.  
NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.**

SIGNATURE OF BIDDER: .....

CAPACITY UNDER WHICH THIS BID IS SIGNED: .....

DATE: .....

**PRICING SCHEDULE – FIRM PRICES  
(PURCHASES)**

**NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED**

**IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT**

Name of Bidder.....	Tender Number: DANN/07/04/2026
Closing Time 12H00PM.....	Closing Date: 29 April 2026

OFFER TO BE VALID FOR 120 DAYS FROM THE CLOSING DATE OF BID.

**ELECTRIFICATION OF SHAYAMOYA DANNHAUSER WARD 10**

DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE
PRELIMINARY AND GENERAL	01		
MEDIUM VOLTAGE SWITCHGEAR, SECTIONALISERS, TRANSFORMERS, ETC.	01		
MEDIUM VOLTAGE OVERHEAD DISTRIBUTION SYSTEM	01		
SUPPORT FOR OVERHEAD RETICULATION	01		
LOW VOLTAGE OVERHEAD DISTRIBUTION LINES	01		
CUSTOMER SERVICES AND GENERAL	01		
DISMANTLING	01		
ESKOM APPROVED CLERK OF WORKS	01		
<b>SUB TOTAL 1</b>			
Add Contingency 10%			
<b>SUB TOTAL 2</b>			
VALUE ADDED TAX (VAT 15%)			
<b>TOTAL AFTER VAT</b>			

- Required by: Dannhauser Municipality  
 - At: 1 West Street, Dannhauser, 3080
- Country of Origin .....
- Does the offer comply with the specification(s)? ..... \*YES/NO
- If not to specification, indicate deviation(s) .....
- 
- Period required for delivery .....
- \*Delivery: Firm/Not firm

Note: All delivery costs must be included in the bid price, for delivery at the prescribed destination.

\*\* "all applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

DECLARATION OF INTEREST

- 1. No bid will be accepted from persons in the service of the state1.
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority.
3 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

3.1 Full Name of bidder or his or her representative:.....

3.2 Identity Number: .....

3.3 Position occupied in the Company (director, trustee, hareholder2):.....

3.4 Company Registration Number: .....

3.5 Tax Reference Number:.....

3.6 VAT Registration Number: .....

3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.

3.8 Are you presently in the service of the state? YES / NO

3.8.1 If yes, furnish particulars.....

.....

1MSCM Regulations: "in the service of the state" means to be –

- (a) a member of –
(i) any municipal council;
(ii) any provincial legislature; or
(iii) the national Assembly or the national Council of provinces;
(b) a member of the board of directors of any municipal entity;
(c) an official of any municipality or municipal entity;
(d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
(e) a member of the accounting authority of any national or provincial public entity; or
(f) an employee of Parliament or a provincial legislature.

2 Shareholder" means a person who owns shares in the company and is actively involved in the management of the company or business and exercises control over the company.

3.9 Have you been in the service of the state for the past twelve months? ..... YES / NO

3.9.1 If yes, furnish particulars.....

.....

3.10 Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid?.....**YES / NO**

3.10.1 If yes, furnish particulars.

.....  
 .....

3.11 Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

3.11.1 If yes, furnish particulars

.....  
 .....

3.12 Are any of the company's directors, trustees, managers, Principle shareholders or stakeholders in service of the state? **YES / NO**

3.12.1 If yes, furnish particulars.

.....  
 .....

3.13 Are any spouse, child or parent of the company's directors trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.13.1 If yes, furnish particulars.

.....  
 .....

3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract. **YES / NO**

3.14.1 If yes, furnish particulars:

.....  
 .....

4. Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	State Employee Number


.....  
**Signature**

.....  
**Date**

.....  
**Capacity Name of Bidder**

.....  
**Bidders Name**

**PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL  
PROCUREMENT REGULATIONS 2022**

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

**NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022**

**1. GENERAL CONDITIONS**

1.1 The following preference point systems is applicable to this invitations to quotation:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and

**1.2 To be completed by the Dannhauser Municipality**

The applicable preference point system for this tender is the 80/20 preference point system.

a) The 80/20 preference point system will be applicable in this quotation. The lowest/ highest acceptable quotation will be used to determine the accurate system once tenders are received.

1.3 Points for this quotation (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

**1.4 To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

1.6 The organ of state reserves the right to require of a tenderer, either before a tender is

adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

## 2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

## 3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

### 3.1. POINTS AWARDED FOR PRICE

#### 3.1.1 THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

#### 80/20

$$P_s = 80 \left( 1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

Where

$P_s$  = Points scored for price of tender under consideration

$P_t$  = Price of tender under consideration

$P_{min}$  = Price of lowest acceptable tender

### 3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

### 3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 points is allocated for price on the following basis:

**80/20**

$$P_s = 80 \left( 1 + \frac{P_t - P_{max}}{P_{max}} \right)$$

Where

$P_s$  = Points scored for price of tender under consideration

$P_t$  = Price of tender under consideration

$P_{max}$  = Price of highest acceptable tender

## 4. POINTS AWARDED FOR SPECIFIC GOALS

4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

(a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

(b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

**Table 1: Specific goals for the tender and points claimed are indicated per the table below.**

***(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.***

***Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)***

The specific goals allocated points in terms of this quotation	Number of points claimed (80/20 system) (To be completed by the municipality)	Number of points claimed (80/20 system) (To be completed by the tenderer)	Means of verification
More than 51% owned by black people = 10 Less than 51% owned by black people = 5	10		Certified ID copies (Directors) / CSD Report / Shareholders Certificate
Enterprise located within: Dannhauser Area = 10 Enterprise located within: Amajuba District = 08 Enterprise located within: Kwa- Zulu Natal = 05 Enterprise located outside: Kwa- Zulu Natal = 03	10		CSD / proof of municipal accounts/affidavit/proof of residence signed by ward Councillor (for those residing in rural areas) / lease agreement
<b>Total</b>	<b>20</b>		

#### **DECLARATION WITH REGARD TO COMPANY/FIRM**

4.3. Name of company/firm.....

4.4. Company registration number: .....

4.5. TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
- One-person business/sole propriety
- Close corporation
- Public Company
- Personal Liability Company
- (Pty) Limited
- Non-Profit Company
- State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;

- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
  - (a) disqualify the person from the tendering process;
  - (b) recover costs, losses or damages it has incurred or suffered as a result of that person’s conduct;
  - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
  - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
  - (e) forward the matter for criminal prosecution, if deemed necessary.

.....  
**SIGNATURE(S) OF TENDERER(S)**

**SURNAME AND NAME:** .....

**DATE:** .....

**ADDRESS:** .....

.....

.....

.....

**DECLARATION OF BIDDER’S PAST SUPPLY CHAIN MANAGEMENT PRACTICES**

- 1 This Municipal Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be rejected if that bidder, or any of its directors have:
  - a. abused the municipality’s / municipal entity’s supply chain management system or committed any improper conduct in relation to such system;
  - b. been convicted for fraud or corruption during the past five years;
  - c. willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
  - d. been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
- 4 **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

Item	Question	Yes	No
4.1	<p><b>Is the bidder or any of its directors listed on the National Treasury’s database as a company or person prohibited from doing business with the public sector?</b></p> <p>(Companies or persons who are listed on this database were informed in writing of this restriction by the National Treasury after the <i>audi alteram partem</i> rule was applied).</p>	<p>Yes</p> <input type="checkbox"/>	<p>No</p> <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	<p>Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?</p> <p>(To access this Register enter the National Treasury’s website, <a href="http://www.treasury.gov.za">www.treasury.gov.za</a>, click on the icon “Register for Tender Defaulters” or submit your written request for a hard copy of the Register to facsimile number (012) 3265445).</p>	<p>Yes</p> <input type="checkbox"/>	<p>No</p> <input type="checkbox"/>
4.2.1	If so, furnish particulars:		

4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.3.1	If so, furnish particulars:		
<b>Item</b>	<b>Question</b>	<b>Yes</b>	<b>No</b>
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.7.1	If so, furnish particulars:		

**CERTIFICATION**

**I, THE UNDERSIGNED (FULL NAME) .....**  
**CERTIFY THAT THE INFORMATION FURNISHED ON THIS**  
**DECLARATION FORM TRUE AND CORRECT.**

**I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY**  
**BE TAKEN AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.**

.....  
**Signature**

.....  
**Date**

.....  
**Position**

.....  
**Name of Bidder**

**CERTIFICATE OF INDEPENDENT BID DETERMINATION**

- 1 This Municipal Bidding Document (MBD) must form part of all bids<sup>1</sup> invited.
  
- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).<sup>2</sup> Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
  
- 3 Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
  - a. take all reasonable steps to prevent such abuse;
  - b. reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
  - c. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
  
- 4 This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
  
- 5 In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

<sup>1</sup> Includes price quotations, advertised competitive bids, limited bids and proposals.

<sup>2</sup> Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

**CERTIFICATE OF INDEPENDENT BID DETERMINATION**

I, the undersigned, in submitting the accompanying bid: CALL FOR THE ELECTRICAL CONTRACTORS WITH CIDB GRADE 3EP OR HIGHER FOR THE ELECTRIFICATION OF SHAYAMOYA DANNHAUSER IN WARD 10

(Bid Number and Description)

in response to the invitation for the bid made by: (Dannhauser Local Municipality)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: \_\_\_\_\_ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - (a) has been requested to submit a bid in response to this bid invitation;
  - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
  - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium<sup>3</sup> will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - (a) prices;

- (b) geographical area where product or service will be rendered (market allocation)
- (c) methods, factors or formulas used to calculate prices;
- (d) the intention or decision to submit or not to submit, a bid;
- (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
- (f) bidding with the intention not to win the bid.

8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....  
Signature

.....  
Date

.....  
Position

.....  
Name of Bidder

<sup>3</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

**BILL NO 1 - PRELIMINARY AND GENERAL**

**SHAYAMOYA ELECTRIFICATION**

Item	Description	Unit	Qty	Rate	Total Price
<b>1</b>	<b>Condition of Contract</b>				
1.1	Compliance with all the contractual requirements of the contract, including project programming, outage management, weekly progress reporting, materials management, meetings and quality & environmental management.	sum	1		R -
1.2	Establish facilities on site. The Contractor shall provide fenced space with fence at least 1.8m high with a lockable gate for a temporary Site Office and Stores where all drawings and Specifications will be kept, as well as the provision of safe and Facilities for Contractor:				
	a) Offices & storage sheds	sum	1		R -
	b) Establishment of staff accommodation, office accommodation on site for site meetings and a Clerk of Works including office furniture and telephone / telefax as specified and facilities.	sum	1		R -
	c) Ablution & latrine facilities	sum	1		R -
	d) Tools & equipment	sum	1		R -
	e) Water supplies, electric power & communications	sum	1		R -
1.3	Other fixed charge obligations	sum	1		R -
1.4	Removal of all items indicated above upon completion of construction and making good and restoring of the Site to the satisfaction of the Project Manager.	sum	1		R -
1.5	Provision of "As Built" drawings.	sum	1		R -
1.6	Construction Name Board - The Contractor shall supply, install and maintain a project sign board bearing the name of the project, the name and logo of Dannhauser Municipality, the Consultant and the Contractor.	sum	1		R -
1.7	Provision of samples of materials to be used (only materials supplied by contractor).	sum	1		R -
1.8	Provision for the compilation of the Construction Programme, to be done in MS Project and updated on a fortnight basis and Quality Assurance Programme for the works.	sum	1		R -
<b>2</b>	<b>Occupational Health &amp; Safety Requirements</b>				
2.1	Provision for Legal and Contractual Compliance.	sum	1		R -
2.2	Provision of personal protective equipment and clothing for all the contractor's staff, including sub-contractors.	sum	1		R -
2.3	Provision of safety measures, e.g.. Fall arrest systems, shoring for safety purposes etc.	sum	1		R -
2.4	Compliance with OH&S Act & Construction Regulations.	sum	1		R -
	Amount carried over to next page				R -

Item	Description	Unit	Qty	Rate	Total Price
	Amount brought forward from previous page				R -
3	<b>Compliance with the Requirements for the Expanded Public Works Programme.</b>  Note: The reports are to be submitted with the contractors monthly invoice.				
3.1	Compliance with the Requirements for the Expanded Public Works Programme (incl. monthly reports).	sum	1		R -
4	<b>Scanning of Meters</b>				
4.1	The Contractor shall make allowance to go to, any nearest Eskom RDC to have the meters scanned and recorded. The rate shall also include the implementation and maintenance Management System for the duration of the contract.	sum	1		R -
4.2	Transport to Eskom Stores	sum	1		R -
5	<b>Time Related Items (To maintain site for the project)</b>				
5.1	Operate and Maintain Facilities on Site Facilities for Contractor:				
	a) Offices & storage sheds	months	6		R -
	b) Ablution & latrine facilities	months	6		R -
	c) Tools & equipment	months	6		R -
	d) Water supplies, electric power & communications	months	6		R -
	e) Safety related items	months	6		R -
5.2	Provision of office accommodation on site for site meetings and a Clerk of Works including office furniture and telephone / telefax as specified.	months	6		R -
5.3	Contract management and full time supervision of the works.	months	6		R -
5.4	Overhead costs	months	6		R -
5.5	Community Liaison Officer conversant in IsiZulu and local	months	6		R -
5.6	PSC meetings	Months	6		R -
6	Contractor shall provide security guard/s to ensure the site including offices, storage sheds and all material are protected from theft or any damage. The Contractor needs to ensure that the above mentioned is guarded 24hrs a day.	months	6		R -
	<b>TOTAL: Carried forward to summary</b>				R -

**BILL NO 2 - MEDIUM VOLTAGE SWITCHGEAR, SECTIONALISERS, TRANSFORMERS, ETC**

SHAYAMOYA ELECTRIFICATION								
Item	Description	DDT Ref	Unit	Qty	Supply Rate	Install Rate	Total Price	
<b>Transformers (Coastal Spec) - Pole Mounted</b>								
Installation of existing or new transformers on an appropriate structure and secure as required including the termination of cables and conductors, the provision of suitable lugs for 35, 50 or 70mm conductor as required and all accessories. Excluding cable conductors, and the transformer structure. Include transport, offloading / loading, safe storage from appropriate supplier.								
2.1	New Transformer 16kVA, 11kV/+240V	3021	No	1		R	-	
2.2	New Transformer 32kVA, 11kV/+240V/-240V	3021	No	0		R	-	
2.3	New Transformer 50kVA, 11kV/415V	3021	No	1		R	-	
2.4	Transformer 200kVA, 11kV/415V	3021	No	1		R	-	
2.5	Existing Transformers make good (16-100kVA)	3021	No	1		R	-	
<b>Medium Voltage Surge Arrestors</b>								
Supply, deliver, off load on site and safely store on site the following surge arrestors, complete with galvanised steel mounting brackets for securing the surge arrestor, nuts, bolts, washers and lock washers as specified. Secure the surge arrestor and brackets to the transformer as specified including the termination of conductors the termination of conductors. Excluding the conductors and transformer. Discharge current 10kA.								
2.6	11kV, MCOV 19.2kV Surge arrestor, 31mm/kV, coastal.	3100	Set	3		R	-	
2.7	11kV, MCOV 19.2kV Surge arrestor, 31mm/kV, coastal.	3100	Set					
<b>Medium Voltage Sectionalisers and Links</b>								
Supply and install link isolators as detailed including the installation of crossarm brackets and the termination of conductors and including the drilling of holes in wooden poles as required 15k fused links.								
2.9	Section links,Single Pole (2.5 X-am)(three phase). Solid Links	1848 3086	No	2		R	-	
2.10	Equipment links,Single Pole (2.5m X-am) (dual phase) Fuse Links.	1849	No	0		R	-	
2.11	Equipment links, Single Pole (2.5m X-am) (three phase) Fuse Links, 11kV.	1849	No	0		R	-	
Amount carried over to next page							R	-

Item	Description	DDT Ref	Unit	Qty			
	Amount brought forward from previous page						R -
	<b>Neutral Surge Arrestor</b>						
2.10	Supply and install a LV surge arrestor including lugs and galvanised bolts. 6kV, 10kA Surge Arrestor	3088	No	3			R -
	<b>Transformer &amp; Equipment Earthing</b>						
2.11	Supply and install all materials for the complete earthing of transformer structures for ABC networks as specified. Included in the rate shall be all required spikes, insulated copper conductor, excavations, backfilling, etc. The rate shall allow for all required MV earth electrodes, consisting of four earth spikes in accordance with the Distribution specification, Part 2. Additional earth spikes / conductor shall be measured elsewhere if required. MV Earth	1860	No	3			R -
	<b>TOTAL: Carried forward to summary</b>						R -

BILL NO 3 - MEDIUM VOLTAGE OVERHEAD DISTRIBUTION SYSTEM							
SHAYAMOYA ELECTRIFICATION							
Item	Description	DDT Ref	Unit	Qty	Supply Rate	Install Rate	Total Price
	<b>CONDUCTOR</b>						
	Supply, safely store on sealed drums with ends adequately secured and transport to site conductor as specified. String conductor as specified including splices, jumper conductor ties, strain clamps, suspension clamps, tensioning, sagging, etc.						
	The following dimensions will all be Conductor Length with 10% is allowed for slack & wastage. Additional wastage/slack Additional wastage/slack is for Contractor's account.						
3.1	<b>COND,ACSR FOX 8.37D UNGRS</b> 2000m line length	3136	m	6,000			R -
	<b>MV STRUCTURES</b>						
	Allow for the following structures and insulator assemblies in accordance with the specifications as shown in the drawings. <b>Include</b> the specified crossarms, drilling of holes and treating of such holes, the provision of the U-nails and earthwire in accordance with Eskom specifications. All jumpers to links and transformers to be installed with PVC black pipe. <b>Supply and installation</b> of 15m of 3/3.35x1100MPa steel wire for a BIL for each pole structure as per Eskom specification. <b>Exclude</b> the supply and planting of poles, stays and struts which are measured elsewhere. Insulators as per EI090SS. Include BIL insulation co-ordination for shared MV & LV structures as per 03TB-34 or later approved Eskom standard.						
Note	<b>Supply and install</b> all material as specified for the construction of the following MV structures. Including bonding of hardware and earthing. All excavations, poles, crossarms and stay are measured elsewhere.						
	Note: RX refers to statutory road crossings with the relevant DDT0257-10kN-31mm/kV post insulator, full wrap tie (suspension structures) or DDT0251 - 40KN-31mm/KV longrod with pistolgrips (strain structures).						
3.2	Delta / 2,5m Wood X-arm - Intermediate - 0° Deviation	1340B	No				R -
3.3	Delta / 2,5m Wood X-arm - Strain - 0° Deviation	1340B	No				R -
3.4	Delta / 2,5m Wood X-arm - Strain - 0° Deviation (RX).	1343	No				R -
3.5	Delta / 2,5 Delta / 2,5m Wood X-arm - Strain - Medium (1° - 60°) C (1° - 60°) Deviation.	1343	No				R -
Amount carried over to next page							R -

Item	Description	DDT Ref	Unit	Qty			
Amount brought forward from previous page							R -
3.6	Delta / 2,5m Wood X-arm - Strain - Medium (1°- 60°) Deviation.	1344	No				
3.7	Delta / 2,5m Wood X-arm - Strain - Medium (1°- 60°) Deviation (RX).	1344	No				
3.8	Delta / 2,5m Wood X-arm - Strain - Terminal	1346	No				R -
3.9	Delta / 2,5m Wood X-arm - Strain - Terminal(RX)	1346	No				R -
<b>3 PHASE STRUCTURES GENERAL ARRANGEMENT</b>							
3.10	Delta / 2,5m Wood X-arm - Intermediate - 0° Deviation	1740B	No	10			R -
3.11	Delta / 2,5m Wood X-arm - Intermediate - 0° Deviation (RX).	1740B	No				R -
3.12	Delta / 2,5m Wood X-arm - Strain - 0° Deviation	1743	No				R -
3.13	Delta / 2,5m Wood X-arm - Strain - 0° Deviation (RX).	1743	No	6			R -
3.14	Delta / 2,5m Wood X-arm - Strain - Medium (1°-60°) Deviation	1744	No	6			R -
3.15	Delta / 2,5m Wood X-arm - Strain - Medium (1°-60°) Deviation (RX).	1744	No				R -
3.16	Delta / 2,5m Wood X-arm - Strain - Terminal	1746	No	10			R -
3.17	Delta / 2,5m Wood X-arm - Strain- Medium - (60°-90°) Deviation	1745	No	1			R -
3.18	3 Phase - Delta / 4,5m Wood X-arm – Intermediate - 0° Deviation (3 with road crossin	1750	No				R -
Amount carried over to next page							R -

Item	Description	DDT Ref	Unit	Qty			
	Amount brought forward from previous page						R -
	<b>MV STRUCTURES</b>						
Note	<p>Allow for the following structures and insulator assemblies in accordance with the specifications as shown in the drawings. <b>Include</b> the specified crossarms, drilling of holes and treating of such holes, the provision of the U-nails and earthwire in accordance with Eskom specifications. All jumpers to links and transformers to be installed with PVC black pipe. <b>Supply and installation</b> of 15m of 3/3.35x1100MPa steel wire for a BIL for each pole structure as per Eskom specification. <b>Exclude</b> the supply and planting of poles, stays and struts which are measured elsewhere. Insulators as per EI090SS. Include BIL insulation co-ordination for shared MV &amp; LV structures as per 03TB-34 or later approved Eskom standard.</p> <p><b>Supply and install</b> all material as specified for the construction of the following MV structures. Including bonding of hardware and earthing. All excavations, poles, crossarms and stays are measured elsewhere.</p> <p>Note: RX refers to statutory road crossings with the relevant DDT0257-10kN-31mm/kV post insulator, full wrap tie (suspension structures) or DDT0251-40kN-31mm/kV longrod with pistolgrips (strain structures).</p>						
3.26	3-Phase, Take off (2.5m X-arm)	1804	No	8			R -
3.27	3-Phase, Take off (2.5m X-arm) (RX)	1804	No				R -
3.28	3-Phase, Take off (3.5m X-arm) (RX)	1806	No				
3.29	2-Phase, Take off (2.5m X-arm)	1814	No				R -
3.30	2-Phase, Take off (2.5m X-arm) RX	1814	No				
3.31	Transformer - Single Pole mount (16 -100kVA)	1860	No				R -
3.32	Transformer -H-Pole Plat mount (100 -200kVA)	1861	No				
3.33	Transformer - Pole mounting out-of-line (16-100kVA) includes 1860 module, etc... as per EI067-MVL) and excludes transformer.	1866B	No	2			R -
3.34	Section Links - Cut-outs - 2,5m Wood X-arm single pole	3086	No				R -
	Amount carried over to next page						R -

Item	Description	DDT Ref	Unit	Qty				
	Amount brought forward from previous page						R	-
	<b>Testing</b>							
	Allowance shall be made for the complete testing and commissioning of the Medium Voltage overhead distribution system.							
3,36	MV Test		No	0			R -	
3,38	MV Test & Outages wth Eskom		No	0			R -	
3,39								
3,40	Long Rods		Ea	0			R -	
3,41	D Shackles		Ea	0			R -	
3,42	Clevis Thimble		Ea	0			R -	
3,43	Fox Preform		Ea	0			R -	
3,44	Post Ins.		Ea	0			R -	
3,45	Spindles		Ea	0			R -	
3,46	Top Tie		Ea	0			R -	
3,47	Raptor Protector		Ea	0			R -	
3,48	MV Stay wire		m	0			R -	
3,49	LV Say wire		m	0			R -	
3,50	Strap Tie 920mm		Ea	0			R -	
3,51	350mm Thr Rods		Ea	0			R -	
3,52	450mm Thr Rods		Ea	0			R -	
3,53	Links Fuses		Ea	0			R -	
3,54	MV Guy crips		Ea	0			R -	
3,55	Sundries Labels		sum				R -	
	<b>TOTAL:</b> Carried forward to summary						R	-

**BILL NO 4 - SUPPORT FOR OVERHEAD RETICULATION**

**SHAYAMOYA ELECTRIFICATION**

Item	Description	DDT Ref	Unit	Qty	Supply Rate	Install Rate	Total Price	
<b>POLES AND CROSSARMS</b>								
Supply and safely store the following poles. Transport to site of works and install pole in excavated hole, including cutting and scaffolding, kicking blocks, bonding, treating, etc. Excavations and compaction are measured elsewhere.								
4.1	7m Pole, 120-139mm top diameter ( C )	0050	No	65		R	-	
4.2	9m Pole, 140-159mm top diameter ( D )	0055	No	15		R	-	
4.3	10m Pole, 200-219mm top diameter ( J )	0052	No			R	-	
4.4	11m Pole, 140-159mm top diameter ( V )	0051	No					
4.5	11m Pole, 160-179mm top diameter ( K )	0051	No	5		R	-	
4.6	11m Pole, 180-199mm top diameter ( L )	0051	No	25		R	-	
4.7	11m Pole, 200-219mm top diameter ( M )	0051	No	0		R	-	
4.8	12m Pole, 180-200mm top diameter ( U )	0053	No	1		R	-	
4.9	13m Pole, 180-199mm top diameter ( P )	0056	No					
The following stays shall be in accordance with the specifications and shall include stay plate.								
4.14	MV Stay (DDT0341 rev 9, BIL 40kV & 150kV)	0341	No	20		R	-	
4.15	LV Stay	0341	No	50		R	-	
4.16	MV Flying Stay	0343	No			R	-	
4.17	LV Flying Stay	0343	No			R	-	
The following struts shall be in accordance with the specifications and shall include poles & excavation.								
4.18	MV Strut	0342	No	10		R	-	
4.19	LV Strut	1167	No	15		R	-	
Amount carried over to next page							<b>R</b>	<b>-</b>

Item	Description	DDT Ref	Unit	Qty				
	Amount brought forward from previous page						R	-
	<b>EXCAVATIONS AND COMPACTION</b>							
	The excavations for service connections are measured elsewhere.							
	<p>Determination of pole positions, excavate, and supply a mechanical boring device if required. The rate shall include backfilling, compaction to 93% MOD AASHTO density, and where necessary the supply and transportation of suitable ground as may be required to receive the desired compaction, except where cement is specified. Any damage to existing services shall be made good by the Contractor at his own expense and to the approval or the PM(C).</p> <p>Before excavation work begins the Contractor shall evaluate the stability of the ground before excavation begins. Contractor shall use warning signs, positioned next to an excavation within which persons are working or carrying out inspections. Ref CR (11).</p>							
4.20	Hole for 7m pole - 1.3m deep	0332	No	65			R -	
4.21	Hole for 9m pole - 1.5m deep	0332	No	15			R -	
4.22	Hole for 10m pole - 1.6m deep	0332	No				R -	
4.23	Hole for 11m pole - 1.8m deep	0332	No	30			R -	
4.24	Hole for 12m pole - 2.0m deep	0332	No	1			R -	
4.25	Hole for 13m pole - 2.2m deep	0332	No				R -	
4.26	Hole for MV stay - 1.5m deep	0350	No	20			R -	
4.27	Hole for LV stay - 1.4m deep	0350	No	50			R -	
4.28	Hole for MV strut - 1.8m deep	0342	No	10			R -	
4.29	Hole for LV strut - 1.3m deep	0342	No	15			R -	
4.30	Provisional blasting - Up to 2,2m deep.		No				Rate only	
4.31	Rock excavation (the contractor is to provide adequate measures to ensure a rock hole be excavated to the correct depth to facilitate the correct infrastructure, this may include the excavation per rock hole by mechanical means viz. Compressors dependent on diesel		No				Rate only	
	Amount carried over to next page						R	-

Item	Description	DDT Ref	Unit	Qty		
	Amount brought forward from previous page					R -
	<b>TOTAL:</b> Carried forward to summary					R -

**BILL NO 5 - OVERHEAD DISTRIBUTION LINES**

**SHAYAMOYA ELECTRIFICATION**

Item	Description	DDT Ref	Unit	Qty	Supply Rate	Install Rate	Total Price
5.1	Single phase ABC (35mm <sup>2</sup> , 2 core) - insulated neutral. (400m Lline length)	3141	m	400			R -
5.2	Dual phase ABC (35mm <sup>2</sup> , 3 core) - insulated neutral. (0m line length)	3141	m	0			R -
5.3	Three phase ABC (35mm <sup>2</sup> , 3 core) - insulated neutral. (3200m line length)	3141	m	3,200			R -
5.4	Three phase ABC (70mm <sup>2</sup> , 4 core) - insulated neutral.	3141	m				R -
5.5	Single Phase ABC Intermediate Assembly	1153	No	4			R -
5.6	Single Phase ABC Terminal Assembly	1154	No	7			R -
5.7	Single Phase ABC Strain Assembly (0-60 deg)	1155	No	2			R -
5.8	Single Phase ABC Strain Assembly (60-90 deg)	1156	No	0			R -
Amount carried over to next page							<b>R -</b>

Item	Description	DDT Ref	Unit	Qty			
	Amount brought forward from previous page						R -
5.9	Single Phase ABC Tee from Intermediate	1157	No	1			R -
5.10	Single Phase ABC X Suspension Assembly	1158	No	0			R -
5.11	Single Phase ABC Tee from Strain	1159	No	0			R -
5.12	Single Phase ABC X Intermediate Strain Assembly.	1160	No	0			R -
	<b>ABC Three Phase</b>						
5.21	Three Phase ABC Suspension Assembly 0-30	1100	No	25			R -
5.22	Three Phase ABC Terminal Assembly	1120	No	24			R -
5.23	Three Phase ABC Strain Assembly (0-60 deg)	1121	No	22			R -
5.24	Three Phase ABC Strain Assembly (60-90 deg)	1122	No	8			R -
5.25	Three Phase ABC Tee from Intermediate Assembly	1140	No	2			R -
5.3	Three phase ABC (70mm x 3 core) - insulated						
5.27	Three Phase ABC Tee from Strain	1142	m	12			R -
5.28	Three Phase ABC X Intermediate Strain Assembly.	1143	m	2			R -
	Amount carried over to next page						R -

Item	Description	DDT Ref	Unit	Qty			
	Amount brought forward from previous page						R -
	<b>LV FUSE SWITCHES UNITS</b>						
	<p>Supply, deliver to site, off load on site and safely store. The fused switch shall be supplied complete with the pole mounting bracket, nuts, bolts, washers, etc. for securing the unit to the wooden pole. The fuses shall be supplied with the fuse switch unit. Fuse ratings shall be as shown on the drawings. Install the on load fused disconnecting switch on the transformer structure including the drilling of holes as required, including the termination of the LV ABC to the unit. Fuse ratings below allow for 120% overload.</p> <p>One fuse unit is for the transformer and one unit per LV feeder for isolation/protection.</p>						
5.29	63A Dual Phase Load disconnecting switch MORSDORPHER.	0309	No	1			R -
5.30	80A Three Phase Load disconnecting switch MORSDORPHER.	0309	No	1			R -
5.34	125A Three Phase Load disconnecting switch MORSDORPHER.	0309	No	1			R -
5.35	160A Three Phase Load disconnecting switch MORSDORPHER.	0309	No				
	<b>EARTHING OF LV NETWORK</b>						
Note	<p>All MV transformer earthing is measured elsewhere and all LV earths per structure are measured with the structure. This section is intended for LV earths at transformers.</p> <p>Allowance shall be made for the testing (including earth loop impedance) of the earth resistance for the entire reticulation system in accordance with the TN-C-S earthing system as defined in the Distribution Standard Part 2 and any earth tests which may be required in terms of the standard and detailed specifications. Use 2 x H-Crimps - neutral connection point.</p>						
5.31	LV Earth	0627	No	3			R -
5.32	1-2 Way 1x50A MCB Split Box in ABC Split Box		No	60			R -
	Amount carried over to next page						R -

Item	Description	DDT Ref	Unit	Qty				
	Amount brought forward from previous page						R	-
	<b>LV Pole Mounted Pole top boxes</b>							
5.33	1-4 Way 1x50A MCB Split Box in ABC Split Box onto Insulated Neutral ABC		No	15			R -	
5.34	5-8 Way 1x50A MCB Split Box in ABC Split Box onto Insulated Neutral ABC		No	0			R -	
	<b>TESTING</b>							
	Allowance shall be made for the testing of each LV ABC distributor on accordance with the project specification. Included shall be the provision of test certificates and all documentation as required.							
5.35	LV Test, per zone. Ref. SCSASABZ1		No	8			R -	
	<b>TOTAL:</b> Carried forward to summary						R	-

BILL NO 6 - HOUSE CONNECTIONS							
SHAYAMOYA ELECTRIFICATION							
Item	Description	DDT Ref	Unit	Qty	Supply Rate	Install Rate	Total Price
<b>House Connections</b>							
House Connections , test and commissioning complete. Poles and excavation are measured elsewhere.							
6.1	Type A	D-DT-0360	No				R -
6.2	Type B - (Service pole 100%)	D-DT-0361	No	100			R -
Supply, transport to site, off load on site and safely store on site the following Split meters and bases, keypad , complete with rail, galvanised steel mounting brackets for securing to the dwelling, nuts, bolts, washers and lock washers as required. Secure the readyboards, ECU and brackets to the dwelling as required including the termination of conductors. Excluding the conductors.							
6.3	READYBOARD, 20A,SMART METER 2x16A SKTS D3176		No	100			R -
6.4	METER, 20A, SMART, POWER RAIL WITH SHROUD & KEYPAD		No	100			R -
6.4.1	Data Concentrator		No	3			R -
<b>CONDUCTOR</b>							
Note	Measured lengths for stringing shall be net line route lengths and unit rates shall include for sag, cut-offs etc.						
Contractor to supply, safely store, transport to site and string. Installation includes all glands, lugs, shrouds, termination and connections as required.							
6.5	Cable 1KV 2C 6mm SQ Concentric		m	3,500			R -
6.6	Cable 1KV 2C 10mm SQ Concentric CU		m				
6.7	Submit populated <b>Control Sheet</b> and <b>PCS</b> CorDaptix information to the Project Engineer upon the successful energising of a customer. Payment will only be made upon the successful loading of the Data onto KDM's CorDaptix software system. Resolve queries raised by the Engineer.		No				R -
<b>SUNDRY ITEMS</b>							
Supply and install pole in excavated hole, including cutting and scaffing, kicking bolts, bonding, treating, etc. Excavations and compaction are measured elsewhere.							
6.8	5m Pole, 80-99mm top diameter	0058A	No	100			R -
6.9	7m Pole, 100-120mm top diameter	0058B	No				R -

Amount carried over to next page

R

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Item	Description	DDT Ref	Unit	Qty				
	Amount brought forward from previous page						R	-
	<p>Determination of pole positions, excavate in all ground conditions as necessary, and supply a mechanical boring device if required. The rate shall include backfilling, compaction to 93% MOD AASHTO density, and where necessary the supply and transportation of suitable ground as may be required to receive the desired compaction, except where cement is specified. Any damage to existing services shall be made good by the Contractor at his own expense and to the approval or the PM(C).</p>							
6.10		Hole for 5m service pole - 1m deep	No	100			R	-
6.11		Hole for 7m service pole - 1.3m deep	No				R	-
<b>TOTAL:</b> Carried forward to summary						R	-	

**BILL NO 7 - DISMANTLING & REMOVAL**

**SHAYAMOYA ELECTRIFICATION**

Item	Description	DDT Ref	Unit	Qty	Supply Rate	Install Rate	Total Price
	<b>Recovering of Transformers, Structures, Insulators and Line Hardware.</b>						
	Allow for the disassembly , removal transport to site store & to Eskom Germany for areas within Eskom licensed area and booked back to stores with the relevant documentation. Allow for the disassembly , removal transport to site store & to KDM stores for areas within KDM licensed area and booked back to stores with the relevant documentation. Include the backfilling consolidation and levelling of soil from excavation at the site of recovery.						
7.1	<b>Fox Conductor</b>		No	150			R -
7.2	Woodpoles MV incl. crossarms, insulators and hardware.		No	3			R -
7.3	Stays assemblies complete (LV/MV).		No	3			R -
7.4	Cross Arms, including assembly, accessories etc.		No	0			R -
<b>TOTAL: Carried forward to summary</b>							<b>R -</b>

## FINAL SUMMARY

### SHAYAMOYA ELECTRIFICATION

Item	Description	Total Supply	Total Install	Total Price (R)
1	PRELIMINARY AND GENERAL			R -
2	MEDIUM VOLTAGE SWITCHGEAR, SECTIONALISERS, TRANSFORMERS, ETC.			R -
3	MEDIUM VOLTAGE OVERHEAD DISTRIBUTION SYSTEM			R -
4	SUPPORT FOR OVERHEAD RETICULATION			R -
5	LOW VOLTAGE OVERHEAD DISTRIBUTION LINES			R -
6	CUSTOMER SERVICES AND GENERAL			R -
7	DISMANTLING			R -
9	ESKOM APPROVED CLERK OF WORKS			R -
	<b>SUB TOTAL 1</b>	<b>R -</b>	<b>R -</b>	<b>R -</b>
	<b>Contigency @10%</b>			<b>R -</b>
	<b>SUB TOTAL 2</b>			<b>R -</b>
	<b>VALUE ADDED TAX ( Vat @ 15% )</b>			<b>R -</b>
	<b>TOTAL</b>			<b>R -</b>