



BA-PHALABORWA MUNICIPALITY

SUPPLY, REPLACEMENT AND INSTALLATION OF THREE NEW MINIATURE SUBSTATIONS:

TENDER NUMBER: **12/18/19**

Ba-Phalaborwa Municipality Budget and Treasury Office: Contact: T.Mogano Chief Financial Officer Tel: (015) 780 6303 E-mail: moganot@ba-phalaborwa.gov.za	Ba-Phalaborwa Municipality Technical Services Department: Contact: C.J.Lourens Chief Electrical Engineer Tel: (015) 780 6414 E-mail: lourensc@ba-phalaborwa.gov.za
Name of Tenderer	
.	
TOTAL AMOUNT TENDERED	

BA-PHALABORWAMUNICIPALITY

Contents

The Tender

Part T1: Tendering procedures

T1.1 Tender Notice and Invitation to Tender

T1.2 Tender Data

Part T2: Returnable documents

T2.1 List of Returnable Documents

T2.2 Returnable Schedules

The Contract

Part C1: Agreement and Contract Data

C1.1 Form of Offer and Acceptance

C1.2 Contract Data

Part C2: Pricing data

C2.1 Pricing Instructions

C2.2 Activity Schedule and Bills of Quantities

Part C3: Scope of Work

C3 Scope of Work

Part C4: Project Specification

C4 Project Specification



BA-PHALABORWA

MUNICIPALITY

Ba-Phalaborwa Municipality hereby invites experienced and capable service providers, to tender for the following:

TENDER NUMBER	CIDB GRADING	DESCRIPTION	COMPULSORY BRIEFING SESSION			FUNCTIONALITY	EVALUATION CRITERIA	CLOSING DATE AND TIME	CONTACT PERSON
			DATE	VENUE	COST				
12/18/19	CIDB Grading EP 3-4	Supply , Replacement and Installation of three (3) new Miniature substations	16/08/2019	Activity Hall	R 500 @ the municipality -Free @website -Free @e-tender	Profile of key Staff (40) Company Experience in applied Field (30) Professional Indemnity Insurance (05) Quality Assurance (15) Locality (Promotion of Local Companies) (10)	80/20	13/09/2019 @11h00	Mr. C. Lourens @ (015) 780 6308

12/18/19Tender Documents (1 hard copy) will be available from Supply Chain Department, Ba-Phalaborwa Municipality, Cnr Nelson Mandela and Selati streets, Civic Centre. Payment for tender documents will be cash tendered or bank guaranteed cheque in favor of Ba-Phalaborwa Municipality. The payment is non-refundable.

All technical queries must be directed to Deputy Director: Electrical, Tel: 015 780 6414
All tender document queries must be directed to Head of Supply Chain, Tel: 015 780 6430/6870

Completed tender documents sealed in an envelope and marked **“BID NO 12/18/19 Procurement of Miniature Substations: (in full)”** must be deposited in the tender box before the closing date and time as stipulated above for the each tender, at Ba-Phalaborwa Municipality (Civic Centre) Cnr of Nelson Mandela and Selati streets, Phalaborwa.

Ba-Phalaborwa Municipality does not bind itself to accept the lowest tender and reserves the right to accept the whole or part of the tender. Tenderers will be informed of the result.

Telegraphic, telephonic, telex, facsimile and late tenders will not be accepted.
Requirements for sealing, addressing, delivery, opening and assessment are stated in the tender data

Bidders should take note of the following bidding conditions:

1. Ba-Phalaborwa Municipality Supply Chain Management Policy shall apply in the evaluation and awarding of the Tender.
2. Ba-Phalaborwa Municipality does not bind itself to accept the lowest tender and reserves the right to accept the whole or part of the Tender.
3. Ba-Phalaborwa Municipality reserves the right not to appoint.
4. The Tender validity shall be 90 (Ninety) days from the date of closure.
5. The bidder must be in possession of a BBBEE certificate.

6. 80/20 preference points scoring will be used.

M I Moakamela
MUNICIPAL MANAGER

Notice no.
3/14

BA-PHALABORWA MUNICIPALITY

RESPONSIVENESS AND EVALUATION CRITERIA

1. RESPONSIVENESS CRITERIA

The Ba-Phalaborwa Municipality will consider no Tender unless it meets the following responsiveness criteria:

- The Tender must be properly received in a sealed envelope clearly indicating the description of the service and the bid number for which the bid is submitted.
- The Tender must be deposited in the relevant bid box as indicated on the notice of the Tender on or before the closing date and time of the Tender
- An original Valid Tax Clearance Certificate must be submitted with the bid on or before the closing time and date of the Tender.
- Tender forms must be completed in full and each page of the Tender initialed.
- Certified copy of the company registration certificate must be submitted with the bid on or before the closing time and date of the bid.
- Submission of a Joint Venture Agreement, where applicable, which has been properly signed by all parties.
- Proof of payment of municipal rates and taxes.
- Complies with the requirements of the bid and technical specifications.

2. EVALUATION OF TENDERS

- a) All Tenders received shall be evaluated in terms of the Supply Chain Management Regulations, Ba-Phalaborwa Municipality Supply Chain Management Policy, the Preferential Procurement Policy Framework Act and other applicable legislations.
- b) The Council reserves the right to accept all, some, or none of the Tenders submitted – either wholly or in part – and it is not obliged to accept the lowest Tender.

By submitting this Tender, the Tenderer authorizes the Council or its delegate(s) to carry out any investigation deemed necessary to verify the correctness of the statements and documents submitted and that such documents reasonably reflect the ability of the Tenderer to provide the goods and services required by the Council.

BA-PHALABORWA MUNICIPALITY

T1.2 Tender Data

The conditions of tender are the Standard Conditions of Tender as contained in Annex F of the CIDB Standard for Uniformity in Construction Procurement. See www.cidb.org.za which are reproduced without amendment or alteration for the convenience of tenderer's as an Annex to this Tender Data.

The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of tender. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.

The additional conditions of tender are:

Tender offers will only be accepted if the tendered is free of any common ownership interest with the successful tendered for the Ba-Phalaborwa Municipality Tender No.18/2013 The service is for the required professional services rendered for the Purchase and Installation of Backup Generator.

Clause number	Tender Data
F.1.1	The employer is the BA-PHALABORWAMUNICIPALITY
F.1.2	The tender documents issued by the employer comprise: T1.1 Tender notice and invitation to tender T1.2 Tender data T2.1 List of returnable documents T2.2 Returnable schedules Part 1: Agreements and contract data C1.1 Form of offer and acceptance C1.2 Contract data Part 2: Pricing data C2.1 Pricing instructions C2.2 Activity schedules / Bills of Quantities Part 3: Scope of work C3 Scope of work C4: Specification

BA-PHALABORWA MUNICIPALITY

F.1.4 The employer's agents are: Municipal Manager ,CFO and Senior Manager: Technical Services

Tel: (015) 780 6302
(015) 780 6303
(015) 780 6308

Fax: (015) 780 6413
(015) 781 0726
(015) 780 6393

F.2.1 Only those tenderers who satisfy the following are eligible to submit tenders.

F.2.7 The arrangements for a compulsory clarification meeting are as stated in the Tender Notice and Invitation to Tender.

F.2.12 If a tenderer wishes to submit an alternative tender offer, the only criteria permitted for such alternative tender offer is that it demonstrably enables the Employer's objectives for the services as stated in the Scope of Work to be achieved.

F.2.13.3 Parts of each tender offer communicated on paper shall be submitted as original, plus 2 copies.

F.2.13.5 The employer's address for delivery of tender offers and identification details to be shown on each
F2.15.1 tender offer package are:

**CIVIC CENTRE (TENDER BOX)
CNR NELSON MANDELA AND SELATI STREETS
PHALABORWA**

F.2.13 A two-envelope procedure will not be followed.

F.2.15 The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender.

F.2.15 Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted.

F.2.16 The tender offer validity period is 90 days.

F.2.23 The tendered is required to submit with his\ her tender an **original valid** Tax Clearance Certificate issued by the South African Revenue Services, as part of the eligibility criteria

Quality shall be scored independently by not less than three evaluators in accordance with the following schedules:

BA-PHALABORWA MUNICIPALITY

T2.1 List of Returnable Documents

The tenderer must complete the following returnable documents:

1 Returnable Schedules required only for tender evaluation purposes

- Certificate of authority for joint ventures (where applicable)
- Compulsory Enterprise Questionnaire
- Record of Addenda to Tender Documents
- Proposed Amendments and Qualifications
- Evaluation Schedule: Approach Paper
- Evaluation Schedule: Proposed Organization and Staffing
- Evaluation Schedule: Experience of the Key Staff
- Evaluation Schedule: Tenderer's Experience
- Record of consultancy services provided to organs of state :N/A
- Proof of professional indemnity insurance: N/A
- Evidence of sustained economic activity as required in terms of the eligibility criteria established in the Tender Data
- Declaration of Interest
- Preference Points Claim Form In Terms Of The Preferential Procurement Regulations
- 2011 Declaration Of Bidder's Past Supply Chain Management Practices

2 Other documents required only for tender evaluation purposes

- Copy of company registration certificate (c.k. certificate) with shareholding
- An original valid Tax Clearance Certificate issued by the South African Revenue Services.
- Individual firms, joint venture or consortium firms experience detail.
- Detail of experience of each individual on the team.
- Certified copies of each individual's qualifications on the team.
- Certified copies of each individual's registration at the applicable professional body as required by law.
- Original tax clearance certificate of each firm on the team.
- Submission of the fee structure.(N/A)
- Joint venture, consortium agreements (if applicable).
- BBEEE certificate
- Professional indemnity that is applicable on this project: N/A
- Proof of payment of municipal rates and taxes

FAILURE TO PROVIDE THE ABOVE SUPPORTING DOCUMENTATION WILL LEAD TO DISQUALIFICATION.

3 Returnable Schedules that will be incorporated into the contract

4 Other documents that will be incorporated into the contract

- 4.1 Original bid document
- 4.2 Addendum
- 4.3 Proof of purchase of the original bid document.

5 The offer portion of the C1.1 Offer and Acceptance

6 C1.2 Contract Data (Part 2)

7 C2.2 Pricing schedule

A-PHALABORWA MUNICIPALITY

Certificate of Authority for Joint Ventures

This Returnable Schedule is to be completed by joint ventures.

We, the undersigned, are submitting this tender offer in Consortium and hereby authorize

Mr/Ms , authorized signatory of the company
 , acting in the capacity of lead partner, to sign
 all documents in connection with the tender offer and any contract resulting from it on our behalf.

NAME OF FIRM	ADDRESS	DULY AUTHORIZED SIGNATORY
Lead partner		Signature. Name Designation
		Signature. Name Designation
		Signature. Name Designation
		Signature. Name Designation

BA-PHALABORWA MUNICIPALITY

Compulsory Enterprise Questionnaire

<p>The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.</p>														
<p>Section 1: Name of enterprise:</p>														
<p>Section 2: VAT registration number, if any:</p>														
<p>Section 3: CIDB registration number, if any:</p>														
<p>Section 4: Particulars of sole proprietors and partners in partnerships</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Name*</th> <th style="width: 33%;">Identity number*</th> <th style="width: 33%;">Personal income tax number*</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Name*	Identity number*	Personal income tax number*									
Name*	Identity number*	Personal income tax number*												
<p>* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners</p>														
<p>Section 5: Particulars of companies and close corporations</p> <p>Company registration number</p> <p>Close corporation number</p> <p>Tax reference number</p>														
<p>Section 6: Record in the service of the state</p> <p>Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> a member of any municipal council <input type="checkbox"/> a member of any provincial legislature <input type="checkbox"/> a member of the National Assembly or the National Council of Province <input type="checkbox"/> a member of the board of directors of any municipal entity <input type="checkbox"/> an official of any municipality or municipal entity </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) <input type="checkbox"/> a member of an accounting authority of any national or provincial public entity <input type="checkbox"/> an employee of Parliament or a provincial legislature </td> </tr> </table>			<input type="checkbox"/> a member of any municipal council <input type="checkbox"/> a member of any provincial legislature <input type="checkbox"/> a member of the National Assembly or the National Council of Province <input type="checkbox"/> a member of the board of directors of any municipal entity <input type="checkbox"/> an official of any municipality or municipal entity	<input type="checkbox"/> an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) <input type="checkbox"/> a member of an accounting authority of any national or provincial public entity <input type="checkbox"/> an employee of Parliament or a provincial legislature										
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<p>If any of the above boxes are marked, disclose the following:</p>														

Name of sole proprietor, partner, director, manager, principal shareholder or stakeholder	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

Section 7: Record of spouses, children and parents in the service of the state

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months been in the service of any of the following:

- a member of any municipal council
- a member of any provincial legislature
- a member of the National Assembly or the National Council of Province
- a member of the board of directors of any municipal entity
- an official of any municipality or municipal entity
- an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)
- a member of an accounting authority of any national or provincial public entity
- an employee of Parliament or a provincial legislature

Name of spouse, child or parent	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise:

- i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- ii) confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
- iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and
- iv) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

Signed

Date

Name

Position

*Enterprise
name*

BA-PHALABORWA MUNICIPALITY

Record of Addenda to tender documents

We confirm that the following communications received from the Employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:		
	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Attach additional pages if more space is required.

Signed

Date

Name

Position

Tenderer

BA-PHALABORWA MUNICIPALITY

Proposed amendments and qualifications

The Tenderer should record any deviations or qualifications he may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such deviations and qualifications in a covering letter to his tender and reference such letter in this schedule.

The Tenderer's attention is drawn to clause F.3.8 of the Standard Conditions of Tender referenced in the Tender Data regarding the employer's handling of material deviations and qualifications.

Tenderers must not include deviations or qualifications relating to the scope of work in this schedule where they are required to submit an Approach Paper.

Page	Clause or item	Proposal

Signed

Date

Name

Position

Tenderer

BA-PHALABORWA MUNICIPALITY

A. Functionality Evaluation Criteria

- Responsive bids will be evaluated using a point system which awards on the basis set out in the table below:
- The minimum score for functionality will be 60%, bidders who score below 60% will not be considered for further evaluation.

BIDDER EVALUATION CRITERIA FOR FUNCTIONALITY		WEIGHTING
PROFILE OF KEY STAFF		40
Attach CV's with certified Qualifications and proof of professional body registration of own staff (No free lancers)	<u>Company Organogram</u>	Max 03
	<u>Project Manager</u>	Max 15
	BSc/B-Tech (Prof Reg. ECSA, Eng.) or (SACPCMP, Pr. CPM). : 15 Points.	
	<u>Technician</u>	Max 10
	National Diploma/N6 Electrical Engineering and Trade Tests Certificate (Electrician) with more than 3 years' experience. :10 points	
	National Diploma/N6 Electrical Engineering and Trade Tests Certificate (Electrician) with less than 3 years' experience. :08 points	
	N4 Electrical Engineering and Trade Tests Certificate (Electrician) with more than 3 years' experience. :03 Points	
	N4 Electrical Engineering and Trade Tests Certificate (Electrician) with less than 3 years' experience. 02 Points	
	No formal education. :00 Points	
	<u>Artisan</u>	Max 07
Trade Test Certificate (Electrician) with more than 5 years' experience :07 points		
Trade Test Certificate (Electrician) with more than 3 years' experience :05 points		
Trade Test Certificate (Electrician) with less than 3 years' experience :03 Points		
No formal education :00 Points		

<ul style="list-style-type: none"> Attach proof of Valid Professional Indemnity Insurance 	Insurance Value R 650 000.00 to R2 000 000.00 :02 Points R2 000 001 to R4 000 000.00 :03 Points R4 000 001 to R 6 000 000 :04 Points R 6 000 001 and above :05 Points	Max 05
QUALITY ASSURANCE		Max 15
<ul style="list-style-type: none"> Attach proof of Quality Assurance Methodology. 	ISO 9001 Certificate :15 points Quality Assurance Manual :05 points	Max 15
LOCALITY (PROMOTION OF LOCAL COMPANIES).		Max 10
Tenderer to submit proof of physical address of company	Business operating within the boundaries of The Ba-Phalaborwa Municipality : 10 Points Business operating within the boundaries of the Mopani District Municipality :06 Points Business operating within the boundaries of the Limpopo Province. :03 Points <i>** Statement of Municipality Accounts as proof of residential address, if leasing, provide the lease agreement and copy of the owner's statement of municipality account or the proof of residential address by a traditional authority in case of a non-ratable area for the business and all company directors (Not older than three months).</i>	10
TOTAL		100
N.B: The bidder must obtain a minimum total score of 60 from points allocated for key staff, company experience, professional indemnity, quality assurance and locality to qualify to be evaluated further on price and BBBEE (80/20)		

Evaluation Schedule: Approach paper

The approach paper must respond to the proposed scope of work/project design and outline the proposed approach / methodology and work plan complete with time frames, and where relevant and appropriate, propose the scope of work and / or modifications to the scope of work. The approach paper should articulate what the tenderer is offering to provide for the price offered in the pricing data.

The tenderer must as such explain his / her understanding of the objectives of the assignment and the Municipalities stated and implied requirements, highlight the issues of importance, and explain the technical approach they would adopt to address them. They should explain the methodologies they propose to adopt, demonstrate the compatibility of those methodologies with the proposed approach (for instance, the methods of interpreting available data carrying out investigations, analyses, and studies; and comparing alternative solutions) and address any modifications to or fully develop the scope of work proposed by the PMU. The approach should also include a quality plan which outlines processes, procedures and associated resources, applied by whom and when, to meet the requirements.

The technical approach and methodology portion of the approach paper, read in conjunction with the work plan, should form the basis of the scope of work incorporated in the contract with the successful tenderer. Accordingly, this portion of the approach paper should clearly articulate the project deliverables.

The tenderer must attach his / her approach paper to this page.

The scoring of the approach paper will be as follows:

	Technical approach and methodology	Work plan
Poor (score 40)	The technical approach and / or methodology is poor / is unlikely to satisfy project objectives or requirements. The tenderer has misunderstood certain aspects of the scope of work and does not deal with the critical aspects of the project.	The activity schedule omits important tasks or the timing of the activities and correlation among them are inconsistent with the approach paper. There is lack of clarity and logic in the sequencing.
Satisfactory (score 70)	The approach is generic and not tailored to address the specific project objectives and requirements. The approach does not adequately deal with the critical characteristics of the project. The quality plan is too generic.	All key activities are included in the activity schedule, but are not detailed. There are minor inconsistencies between timing, project deliverables and the proposed approach.
Good (score 90)	The approach is specifically tailored to address the specific project objectives and requirements and is sufficiently flexible to accommodate changes that may occur during execution. The quality plan is specifically tailored to the critical characteristics of the project.	The work plan fits the approach paper well; all important activities are indicated in the activity schedule and their timing and sequencing is appropriate and consistent with project objectives and requirements. There is a fair degree of detail that facilitates understanding of the proposed work plan.
Very good (score 100)	Besides meeting the "good" rating, the important issues are approached in an innovative and efficient way, indicating that the tenderer has outstanding knowledge of state-of-the-art approaches. The approach paper details ways to improve the project outcomes and the quality of the outputs	Besides meeting the "good" rating, decision points and the sequencing and timing of activities are very well defined, indicating that the tenderer has optimized the use of resources. The work plan permits flexibility to accommodate contingencies.

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of this schedule are within my personal knowledge and are to the best of my belief both true and correct.

BA-PHALABORWA MUNICIPALITY

Evaluation Schedule: Proposed Organization and staffing

The tenderer should propose the structure and composition of their team i.e. the main disciplines involved, the key staff member / expert responsible for each discipline, and the proposed technical and support staff. The roles and responsibilities of each key staff member / expert should be set out as job descriptions. In the case of an association / joint venture / consortium, it should, indicate how the duties and responsibilities are to be shared.

The tenderer must attach his / her organization and staffing proposals to this page.

The scoring of the proposed organization and staffing will be as follows:

Poor (score 40)	The organization chart is sketchy, the staffing plan is weak in important areas, or the staffing schedule is inconsistent with the timing of the most important deliverables. There is no clarity in allocation of tasks and responsibilities.
Satisfactory (score 70)	The organizational chart is complete and detailed, the technical level and composition of the staffing arrangements are adequate and staffing is consistent with both timing and deliverables.

Good (score 90)	Besides meeting the "satisfactory" rating, staff are well balanced i.e. they show good co-ordination, complimentary skills, clear and defined duties and responsibilities, and limited number of short term experts. Some members of the project team have worked together before on limited occasions.
Very good (score 100)	Besides meeting the "good" rating, the proposed team is well integrated and several members have worked together extensively in the past.

The undersigned, who warrants that he / she is duly authorized to do so on behalf of the enterprise, confirms that the contents of this schedule are within my personal knowledge and are to the best of my belief both true and correct.

Signed

Date

Name

Position

Tenderer

BA-PHALABORWA MUNICIPALITY

Evaluation Schedule: Experience of Key Staff

Experience of the key staff (assigned personnel) in relation to the scope of work will be evaluated from three different points of view:

- 1) General experience (total duration of professional activity), level of education and training and positions held of each key staff member / expert member.
- 2) The education, training and experience of the key staff members / experts, in the specific sector, field, subject, etc which is directly linked to the scope of work.
- 3) The key staff members' / experts' knowledge of issues pertinent to the project e.g. local conditions, affected communities, legislation, etc.

A CV of each key staff member of not more than 2 pages should be attached to this schedule. The CV should be structured under the following headings:

- 1 Personal particulars
 - name
 - date and place of birth
 - place (s) of tertiary education and dates associated therewith
 - professional awards
- 2 Qualifications (degrees, diplomas, grades of membership of professional societies and professional registrations)
- 3 Name of current employer and position in enterprise
- 4 Overview of post graduate / diploma experience (year, organization and position)
- 5 Outline of recent assignments / experience that has a bearing on the scope of work

The scoring of the experience of key staff will be as follows:

	General qualifications (Greater weighting will be given to the team leader)	Adequacy for the assignment (Greater weighting will be given to the team leader)	Experience in the region (Greater weighting will be given to the team leader)
Poor (score 40)	Key staff have limited levels of general experience	Key staff have limited levels of project specific education, training and experience	Key staff have limited experience of issues pertinent to the project
Satisfactory (score 70)	Key staff have reasonable levels of general experience	Key staff have reasonable levels of project specific education, training and experience	Key staff have reasonable experience of issues pertinent to the project
Good (score 90)	Key staff have extensive levels of general experience	Key staff have extensive levels of project specific education, training and experience	Key staff have extensive experience of issues pertinent to the project
Very good (score 100)	Key staff have outstanding levels of general experience	Key staff have outstanding levels of project specific education, training and experience	Key staff have outstanding experience of issues pertinent to the project

The undersigned, who warrants that he / she is duly authorized to do so on behalf of the enterprise, confirms that the contents of this schedule are within my personal knowledge and are to the best of my belief both true and correct.

Signed

Date

Name

Position

Tenderer

BA-PHALABORWA MUNICIPALITY

Evaluation Schedule: Tenderer's Experience

The experience of the tenderer as apposed to the key staff members / experts in similar projects or similar areas and conditions in relation to the scope of work will be evaluated.

Tenderers very briefly describe his or her experience in this regard and attach this to this schedule.

The description should be put in tabular form with the following headings:

Employer, contact person and telephone number, where available	Description of work (service)	Value of work (i.e. the service provided) inclusive of VAT (Rand)	Date completed

The scoring of the tenderer's experience will be as follows:

Poor (score 40)	Tenderer has limited experience
Satisfactory (score 70)	Tenderer has relevant experience but has not dealt with the critical issues specific to the assignment.
Good (score 90)	Tenderer has extensive experience in relation to the project and has worked previously under similar conditions and circumstances.
Very good (score 100)	Tenderer has outstanding experience in projects of a similar nature.

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of this schedule are within my personal knowledge and are to the best of my belief both true and correct.

Signed

Date

Name

Position

Tenderer

PREREQUISITE /SERVICE PROVIDER REQUIREMENTS

Service Provider Prerequisites / Requirements

- All bidders must attend the compulsory briefing session
- The 80/20 evaluation criteria will be used to evaluate the tenders (where 80 will be price and the 20 BBB-EE)
- Bidders must sign all MBD forms attached to the tender document
- Company registration certificate
- Original valid tax clearance certificate / letter from SARS with a valid pin code
- BBB-EE certificate (optional)
- Power of attorney/ letter of authority for signatory if applicable
- Joint venture agreements where applicable
- Certified ID copies of the all the directors/ members/ proprietors not older than three months
- CIDB Grading EP 3 - 4certificate (Electrical Engineering Works- Infrastructure).
- Certificate of Compliance for Electrical works
- COIDA Certificate.
- Statement of Municipality Accounts as proof of residential address, if leasing, provide the lease agreement or the proof of residential address by a traditional authority in case of a non-ratable area for the **business and all company directors** (Not older than three months).
- Terms of reference fully completed and each page to be **initialed**.
- Latest registration report of Central Supplier Database (CSD) with valid reference number. (**Printed between the tender opening and closing date**).
- Proof of work experience (**attach appointment letters and completion certificates**)
 - Key personnel experience (attach CV, Certified qualification)

T2.2

COMPULSORY MUNICIPAL BID DOCUMENTS

INVITATION TO BID

(a) YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE BA-PHALABORWA LOCAL MUNICIPALITY

BID NUMBER: CLOSING DATE: CLOSING TIME:
DESCRIPTION.....

The successful bidder will be required to fill in and sign a written Contract Form (MBD 7).

BID DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT:

Cnr Nelson Mandela & Sealane Street
Phalaborwa
1390

Bidders should ensure that bids are delivered timeously to the correct address inside the relevant bid box. If the bid is late or not inside the correct bid box, it will not be accepted for consideration.

- (b) The bid box is generally open 24 hours a day, 7 days a week.
- (c) ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS – (NOT TO BE RE-TYPED)

THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2011, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT

(d) NB: NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE (as defined in Regulation 1 of the Local Government: Municipal Supply Chain Management Regulations)

**THE FOLLOWING PARTICULARS MUST BE FURNISHED
(FAILURE TO DO SO MAY RESULT IN YOUR BID BEING DISQUALIFIED)**

NAME OF BIDDER

POSTAL ADDRESS

STREET ADDRESS

TELEPHONE NUMBER CODE.....NUMBER.....

CELLPHONE NUMBER

FACSIMILE NUMBER CODENUMBER.....

E-MAIL ADDRESS

VAT REGISTRATION NUMBER

HAS AN ORIGINAL AND VALID TAX CLEARANCE CERTIFICATE BEEN ATTACHED? (MBD 2) YES/NO

HAS A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE BEEN SUBMITTED? (MBD 6.1) YES/NO

IF YES, WHO WAS THE CERTIFICATE ISSUED BY?

- AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA)
- A VERIFICATION AGENCY ACCREDITED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM (SANAS)
- A REGISTERED AUDITOR

(Tick applicable box)

(A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE)

ARE YOU THE ACCREDITED REPRESENTATIVE
IN SOUTH AFRICA FOR THE GOODS/SERVICES/WORKS OFFERED? YES/NO
(IF YES ENCLOSE PROOF)

SIGNATURE OF BIDDER

DATE

CAPACITY UNDER WHICH THIS BID IS SIGNED

TOTAL BID PRICE..... TOTAL NUMBER OF ITEMS OFFERED.....

ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE MAY BE DIRECTED TO:

Municipality / Municipal Entity: Ba-Phalaborwa Local Municipality

Department: Finance

Contact Person: Mr. TJ Mogano

Tel: (015) 780 6303

ANY ENQUIRIES REGARDING TECHNICAL INFORMATION MAY BE DIRECTED TO:

AS PER THE ADVERT.

TAX CLEARANCE CERTIFICATE

It is a condition of bid that the taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder's tax obligations.

1. In order to meet this requirement bidders are required to complete in full form TCC001 "Application for a Tax Clearance Certificate" and submit it to any SARS branch office nationally. The Tax Clearance Certificate Requirements are also applicable to foreign bidders / individuals who wish to submit bids. Copies of form TCC 001 are available from any SARS branch office nationally or on the website www.sars.gov.za.
2. SARS will then furnish the bidder with a Tax Clearance Certificate that will be valid for a period of 1 (one) year from the date of approval.
3. The original Tax Clearance Certificate must be submitted together with the bid. Failure to submit the original and valid Tax Clearance Certificate will result in the invalidation of the bid. Certified copies of the Tax Clearance Certificate will not be acceptable.
4. In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Clearance Certificate.
5. Applications for the Tax Clearance Certificates may also be made via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za.
6. Exemption to the provision of a Tax Clearance Certificate will be granted provided that:
 - a) The bidder is registered on the vendor database of the municipality and a valid tax clearance certificate was submitted together with the application for registration
 - b) If the closing date of the price quotation or bid falls within the expiry date of the tax clearance certificate that is in the municipality's possession.

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 favoritism, 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 authorized 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:

.....

(a) 4. Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	State Employee Number

.....
Signature

.....
Date

.....
Capacity

.....
Name of Bidder

BROAD-BASED BLACK ECONOMIC EMPOWERMENT (B-BBEE) STATUS LEVEL CERTIFICATES

Bidders are required to submit original and valid B-BBEE Status Level Verification Certificates or certified copies thereof together with their bids, to substantiate their B-BBEE rating claims.

Bidders who do not submit B-BBEE Status T Level Verification Certificates or are non-compliant contributors to B-BBEE do not qualify for preference points for B-BBEE but should not be disqualified from the bidding process. They will score points for out of 90 or 80 for price only and zero points out of 10 or 20 for B-BBEE.

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2011

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution.

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2011.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 The value of this bid is estimated to exceed/not exceed R1 000 000 (all applicable taxes included) and therefore the.....system shall be applicable.

1.3 Preference points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contribution.

1.3.1 The maximum points for this bid are allocated as follows:

POINTS

1.3.1.1 **PRICE**.....

1.3.1.2 **B-BBEE STATUS LEVEL OF CONTRIBUTION**.....

Total points for Price and B-BBEE must not exceed 100

1.4 Failure on the part of a bidder to fill in and/or to sign this form and submit a B-BBEE Verification Certificate from a Verification Agency accredited by the South African Accreditation System (SANAS) or a Registered Auditor approved by the Independent Regulatory Board of Auditors (IRBA) or an Accounting Officer as contemplated in the Close Corporation Act (CCA) together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.5 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- 2.1 **“all applicable taxes”** includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- 2.2 **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- 2.3 **“B-BBEE status level of contributor”** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- 2.4 **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of services, works or goods, through price quotations, advertised competitive bidding processes or proposals;
- 2.5 **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- 2.6 **“comparative price”** means the price after the factors of a non-firm price and all unconditional discounts that can be utilized have been taken into consideration;
- 2.7 **“consortium or joint venture”** 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;
- 2.8 **“contract”** means the agreement that results from the acceptance of a bid by an organ of state;
- 2.9 **“EME”** means any enterprise with an annual total revenue of R5 million or less.
- 2.10 **“Firm price”** means the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs or excise duty and any other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract;
- 2.11 **“functionality”** means the measurement according to predetermined norms, as set out in the bid documents, of a service or commodity that is designed to be practical and useful, working or operating, taking into account, among other factors, the quality, reliability, viability and durability of a service and the technical capacity and ability of a bidder;
- 2.12 **“non-firm prices”** means all prices other than “firm” prices;
- 2.13 **“person”** includes a juristic person;
- 2.14 **“rand value”** means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties;
- 2.15 **“sub-contract”** means the primary contractor’s assigning, leasing, making out work to, or employing, another person to support such primary contractor in the execution of part of a project in terms of the contract;
- 2.16 **“total revenue”** bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act and promulgated in the *Government Gazette* on 9 February 2007;
- 2.17 **“trust”** means the arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person; and

2.18 “trustee” means any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.

3. ADJUDICATION USING A POINT SYSTEM

3.1 The bidder obtaining the highest number of total points will be awarded the contract.

3.2 Preference points shall be calculated after prices have been brought to a comparative basis taking into account all factors of non-firm prices and all unconditional discounts;.

3.3 Points scored must be rounded off to the nearest 2 decimal places.

3.4 In the event that two or more bids have scored equal total points, the successful bid must be the one scoring the highest number of preference points for B-BBEE.

3.5 However, when functionality is part of the evaluation process and two or more bids have scored equal points including equal preference points for B-BBEE, the successful bid must be the one scoring the highest score for functionality.

3.6 Should two or more bids be equal in all respects, the award shall be decided by the drawing of lots.

4. POINTS AWARDED FOR PRICE

4.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \\ P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) & \text{or} & P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \end{array}$$

Where

Ps = Points scored for comparative price of bid under consideration

Pt = Comparative price of bid under consideration

Pmin = Comparative price of lowest acceptable bid

5. Points awarded for B-BBEE Status Level of Contribution

5.1 In terms of Regulation 5 (2) and 6 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	8	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

5.2 Bidders who qualify as EMEs in terms of the B-BBEE Act must submit a certificate issued by an Accounting Officer as contemplated in the CCA or a Verification Agency accredited by SANAS or a Registered Auditor. Registered auditors do not need to meet the prerequisite for IRBA's approval for the purpose of conducting verification and issuing EMEs with B-BBEE Status Level Certificates.

5.4 A trust, consortium or joint venture, will qualify for points for their B-BBEE status level as a legal entity, provided that the entity submits their B-BBEE status level certificate.

5.5 A trust, consortium or joint venture will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such a consolidated B-BBEE scorecard is prepared for every separate bid.

5.6 Tertiary institutions and public entities will be required to submit their B-BBEE status level certificates in terms of the specialized scorecard contained in the B-BBEE Codes of Good Practice.

5.7 A person will not be awarded points for B-BBEE status level if it is indicated in the bid documents that such a bidder intends sub-contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.

5.8 A person awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contract.

6. BID DECLARATION

6.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

7. B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.3.1.2 AND 5.1.

7.1 B-BBEE Status Level of Contribution: = (maximum of 10 or 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 5.1 and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the CCA).

8 SUB-CONTRACTING

8.1 Will any portion of the contract be sub-contracted? YES / NO (delete which is not applicable)

8.1.1 If yes, indicate:

- (i) what percentage of the contract will be subcontracted?%
- (ii) the name of the sub-contractor?
- (iii) the B-BBEE status level of the sub-contractor?
- (iv) whether the sub-contractor is an EME? YES / NO (delete which is not applicable)

9 DECLARATION WITH REGARD TO COMPANY/FIRM

9.1 Name of firm :

9.2 VAT registration number :

9.3 Company registration number :

9.4 TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
 - One person business/sole propriety
 - Close corporation
 - Company
 - (Pty) Limited
- [TICK APPLICABLE BOX]

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....
.....
.....

9.6 COMPANY CLASSIFICATION

- Manufacturer
- Supplier
- Professional service provider
- Other service providers, e.g. transporter, etc.
[TICK APPLICABLE BOX]

9.7 MUNICIPAL INFORMATION

Municipality where business is situated

.....

Registered Account Number

.....

Stand Number

.....

9.8 TOTAL NUMBER OF YEARS THE COMPANY/FIRM HAS BEEN IN BUSINESS?

.....

9.9 I/we, the undersigned, who is / are duly authorized to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contribution indicated in paragraph 7 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we 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 paragraph 7, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- (iv) If the B-BBEE status level of contribution has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding 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 favorable arrangements due to such cancellation;
 - (d) restrict the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, 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.

WITNESSES:

1.

2.

..... SIGNATURE(S) OF BIDDER(S)

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>Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?</p> <p>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).</p> <p>The Database of Restricted Suppliers now resides on the National Treasury's website(www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</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>The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.</p>	<p>Yes</p> <input type="checkbox"/>	<p>No</p> <input type="checkbox"/>
4.2.1	If so, furnish particulars:		
4.3	<p>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?</p>	<p>Yes</p> <input type="checkbox"/>	<p>No</p> <input type="checkbox"/>

4.3.1	If so, furnish particulars:		
Item	Question	Yes	No
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"/>
4.5.1	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 bids¹ 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).² Collusive bidding is a *per 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:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² 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:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Municipality / Municipal Entity)

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 consortium³ 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.

³ 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.

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

TENDER NUMBER:

TENDER FOR THE APPOINTMENT OF SERVICE PROVIDER IN BA-PHALABORWA LOCAL MUNICIPALITY FOR THE:

Supply, delivery of three new Miniature substations, and installation of two in the position indicated by the Municipality

Form of Offer and Acceptance

C1.1 FORM OF OFFER AND ACCEPTANCE

C1.1.1: Form of Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

Supply, delivery of three new Miniature substations, and installation of two in the position indicated by the Municipality

TENDER NUMBER:

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

***THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS:**

.....
..... Rand (in words);

R (in figures)

This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the tender data, whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

Signature Block: Tenderer

Signature	Date
Name	
Capacity	
Name of organization	
Address of organization	
.....	
Signature of witness	Date
Name of witness	

*** BIDDERS HAVE TO COMPLETE THE OFFERED TOTAL OF THE PRICES IN WORDS AS WELL AS IN FIGURES**

C1.1.2: Form of Acceptance

By signing this part of this form of offer and acceptance, the employer identified below accepts the tenderer's offer. In consideration thereof, the employer shall pay the contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the tenderer's offer shall form an agreement between the employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

- Part C1: Agreements and contract data, (which includes this agreement)
- Part C2: Pricing data
- Part C3: Scope of work.
- Part C4: Site information and drawings and documents or parts thereof, which may be incorporated by reference into Parts C1 to C4 above.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the tender schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this agreement. No amendments to or deviations from said documents are valid unless contained in this schedule.

The tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the employer's agent (whose details are given in the contract data) for delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms

of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the tenderer (now contractor) within five working days of the date of such receipt notifies the employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

Signature Block: Employer	
Signature	Date
Name	
Capacity	
for the Employer Private Bag X01020, Phalaborwa, 1390	Ba-Phalaborwa Local Municipality
Signature of witness	Date
Name of witness	

C1.1.3: Schedule of Deviations

- 1 Subject: Details:
.....
.....
- 2 Subject: Details:
.....
.....
- 3 Subject: Details:
.....
.....
- 4 Subject: Details:
.....
.....

By the duly authorised representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

C1.2

GENERAL CONDITIONS OF CONTRACT

1. DEFINITIONS

In the Contract, the following words and expressions shall have the meanings indicated, except where the context otherwise requires. Defined terms and words are signified in the text of the Contract by the use of capital initial letters.

Contract

The Contract signed by the Parties and of which these General Conditions of Contract form part.

Contract Data

Specific data, which together with these General Conditions of Contract, collectively describe the risks, liabilities and obligations of the contracting Parties and the procedures for the administration of the Contract.

Contract Price

The price to be paid for the performance of the Services in accordance with the Pricing Data.

Day

A calendar day.

Defect

A part of the Services, as performed, which does not comply with the requirements of the Contract.

Deliverable

Any measurable, tangible, verifiable outcome, result or item that must be produced or completed;

Employer

The contracting party named in the Contract who employs the Service Provider.

Force Majeure

An event which is beyond the reasonable control of a Party and which makes a Party's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

Key Persons

Persons who are named as such in the Contract Data who will be engaged in the performance of the Services.

Others

Persons or organizations who are not the Employer, the Service Provider or any employee, Subcontractor, or supplier of the Service Provider.

Parties

The Employer and the Service Provider.

Period of Performance

The period within which the Services are to be performed and completed.

Personnel

Persons hired by the Service Provider as employees and assigned to the performance of the Services or any part thereof.

Personnel Schedule

A schedule naming all Personnel and Key Persons.

Pricing Data

Data that establishes the criteria and assumptions that were taken into account when developing the Contract Price and the record of the components that make up the Contract price.

Project

The project named in the Contract Data for which the Services are to be provided.

Scope of Work

The document which defines the Employer's objectives and requirements and specifies the Services which must, or may, be provided under the Contract.

Service Provider

The contracting party named in the Contract Data who is employed by the Employer to perform the Services described in the Contract, and legal successors to the Service Provider and legally permitted assignees.

Services

The work to be performed by the Service Provider pursuant to the Contract as described in the Scope of Work.

Subcontractor

A person or body corporate who enters into a subcontract with the Service Provider to perform part of the Services.

2. INTERPRETATION

2.1 Unless inconsistent with the context, an expression which denotes :

- a) any gender includes the other genders;
- b) a natural person includes a juristic person and vice versa;
- c) the singular includes the plural and vice versa.

2.2 If there is any conflict between the provisions of these General Conditions of Contract and the Contract Data, the provisions of the Contract Data shall prevail.

2.3 The clause headings shall not limit, alter or affect the meaning of the Contract.

3. GENERAL

3.1 Governing law

Law governing the Contract shall be the law of the Republic of South Africa.

3.2 Change in legislation

If after the commencement of the Contract, the cost or duration of the Services is altered as a result of changes in, or additions to, any statute, regulation or bye-law, or the requirements of any authority having jurisdiction over any matter in respect of the Project, then the Contract Price and time for completion shall be adjusted in order to reflect the impact of those changes, provided that, within 14 Days of first having become aware of the change, the Provider furnished the Employer with detailed justification for the adjustment to the Contract Price or Period of Performance (or both)..

3.3 Language

3.3.1 The language of the Contract and of all communications between the Parties shall be English.

3.3.2 All reports, recommendations and reports prepared by the Service Provider under the Contract shall be in English.

3.4 Notices

3.4.1 Any notice, request, consent, approvals or other communication made between the Parties pursuant to the Contract shall be in writing and forwarded to the address specified in the Contract Data. Such communication shall be deemed to have been made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or one week after having been sent by registered post, or unless otherwise indicated in the Contract Data, when sent by e-mail or facsimile to such Party

3.4.2 A Party may change its address for receipt of communications by giving the other Party 30 Days advance notice of such change.

3.5 Location

The Services shall be performed at such locations as are specified in the Contract Data, and where the location of a particular task is not so specified, at such locations as the Employer may approve.

3.6 Publicity and publication

Unless otherwise stated in the Contract Data, the Service Provider shall not release public or media statements or publish material related to the Services or Project within two (2) years of completion of the Services without the written approval of the Employer, which approval by the Employer shall not be unreasonably withheld.

3.7 Confidentiality

Both parties shall keep all sensitive information obtained by them in the context of the Contract confidential and shall not divulge it without the written approval of the other Party.

3.8 Variations

3.8.1 The Employer may, without changing the objectives or fundamental scope of the Contract, order variations to the Services in writing or may request the Service Provider to submit proposals, including the time and cost implications, for variations to the Services.

3.8.2 The reasonable cost of preparation and submission of such proposals and the incorporation into the Contract of any variations to the Services ordered by the Employer, including any change in the Contract Price, shall be agreed between the Service Provider and the Employer.

3.8.3 Where a variation is necessitated by default or breach of Contract by the Service Provider, any additional cost attributable to such variation shall be borne by the Service Provider.

3.9 Sole agreement

The Contract constitutes the sole agreement between the Parties for the performance of the Services and any representation not contained therein shall be of any force or effect. No September amendments will be of any force or effect unless reduced to writing and signed by both Parties.

3.10 Indemnification

The Service Provider shall, at his own expense, indemnify, protect and defend the Employer, its agents and employees, from and against all actions, claims, losses and damage arising from any negligent act or omission by the Service Provider in the performance of the Services, including any violation of legal provisions, or rights of others, in respect of patents, trade marks and other forms of intellectual property such as copyrights.

3.11 Penalty

3.11.1 If due to his negligence, or for reasons within his control, the Service Provider does not perform the Services within the Period of Performance, the Employer shall without prejudice to his other remedies under the Contract or in law, be entitled to levy a penalty for every Day or part thereof, which shall elapse between the end of the period specified for performance, or an extended Period of Performance, and the actual date of completion, at the rate and up to the maximum amount stated in the Contract Data.

3.11.2 If the Employer has become entitled to the maximum penalty amount referred to in 3.11.1, he may after giving notice to the Service Provider :

- a) terminate the Contract
- b) complete the Services at the Service Provider's cost.

3.12 Equipment and materials furnished by the Employer

3.12.1 Equipment and materials made available to the Service Provider by the Employer, or purchased by the Service Provider with funds provided by the Employer for the performance of the Services shall be the property of the Employer and shall be marked accordingly. Upon termination or expiration of the Contract, the Service Provider shall make available to the Employer an inventory of such equipment and materials and shall dispose of them in accordance with the Employer's instructions.

3.12.2 The Service Provider shall, at his own expense, insure the equipment and materials referred to in 3.12.1 for their full replacement value.

3 Illegal and impossible requirements

The Service Provider shall notify the Employer immediately, on becoming aware that the Contract requires him to undertake anything which is illegal or impossible.

3.14 Programme

3.14.1 The Service Provider shall, within the time period set out in the Contract Data, submit to the Employer a programme for the performance of the Services which shall, *inter alia*, include:

- a) the order and timing of operations by the Service Provider and any actions required of the Employer and Others;
- b) the dates by which the Service Provider plans to complete work needed to allow the Employer and Others to undertake work required of them; and
- c) other information as required in terms of the Scope of Work or Contract Data.

3.14.2 The Employer may, during the course of the Contract, request the Service Provider to amend the programme. Where this is not practicable, the Service Provider shall advise the Employer accordingly and advise him of alternative measures, if any, which might be taken.

3.14.3 The Service Provider shall regularly update the programme to reflect actual progress to date and expected future progress.

4. EMPLOYER'S OBLIGATIONS

4.1 Information

4.1.1 The Employer shall timeously provide to the Service Provider, free of cost, all available information and data in the Employer's possession which may be required for the performance of the Services.

4.1.2 The Employer shall provide the Service Provider with reasonable assistance required in obtaining other relevant information that the latter may require in order to perform the Services.

4.2 Decisions

The Employer shall, within a reasonable time, give his decision on any matter properly referred to him in writing by the Service Provider so as not to delay the performance of Services.

4.3 Assistance

4.3.1 The Employer shall co-operate with the Service Provider and shall not interfere with or obstruct the proper performance of the Services. The Employer shall as soon as practicable:

- a) authorise the Service Provider to act as his agent insofar as may be necessary for the performance of the Services;
- b) provide all relevant data, information, reports, correspondence and the like, which become available;
- c) procure the Service Provider's ready access to premises, or sites, necessary for the performance of the Services;
- d) assist in the obtaining of all approvals, licenses and permits from state, regional and municipal authorities having jurisdiction over the Project, unless otherwise stated in the Contract Data;

4.3.2 Unless otherwise communicated, the authorised and designated person named in the Contract Data has complete authority in giving instructions and receiving communications on the Employer's behalf and interpreting and defining the Employer's policies and requirements in regard to the Services.

4.4 Services of Others

The Employer shall, at his own cost, engage such Others as may be required for the execution of work not included in the Services, but which is necessary for the completion of the Project.

4.5 Notification of material change or defect

The Employer shall immediately advise the Service Provider on becoming aware of:

- a) any matter other than a change in legislation which will materially change, or has changed the Services; or
- b) a material defect or deficiency in the Services.

4.6 Issue of instructions

Where the Service Provider is required to administer the work or services of others, or any contract or agreement, on behalf of the Employer, then the Employer shall issue instructions related to such work, services, contract or agreement only through the Service Provider.

4.7 Payment of Service Provider

The Employer shall pay the Service Provider the Contract Price in accordance with the provisions of the Contract.

5 SERVICE PROVIDER'S OBLIGATIONS

5.1 General

5.1.1 The Service Provider shall perform the Services in accordance with the Scope of Work with all reasonable care, diligence and skill in accordance with generally accepted professional techniques and standards.

5.1.2 If the Service Provider is a joint venture or consortium of two or more persons, the Service Provider shall designate one person to act as leader with authority to bind the joint venture or consortium. Neither the composition nor the constitution of the joint venture or consortium shall be altered without the prior consent in writing of the Employer, which shall not be unreasonably withheld.

5.2 Exercise of authority

The Service Provider shall have no authority to relieve Others appointed by the Employer to undertake work or services on the Project of any of their duties, obligations, or responsibilities under their respective agreements or contracts, unless expressly authorized by the Employer in response to an application by the Service Provider in writing to do so.

5.3 Designated representative

Unless otherwise communicated, the authorized and designated person named in the Contract Data has complete authority to receive instructions from and give information to the Employer on behalf of the Service Provider.

5.4 Insurances to be taken out by the Service Provider

5.4.1 The Service Provider shall as a minimum and at his own cost take out and maintain in force all such insurances as are stipulated in the Contract Data.

5.4.2 The Service Provider shall, at the Employer's request, provide evidence to the Employer showing that the insurance required in terms of Clause 5.4.1 has been taken out and

maintained in force.

5.5 Service Provider's actions requiring Employer's prior approval

The Service Provider shall obtain the Employer's prior approval in writing before taking, inter alia, any of the following actions:

- a) Appointing Subcontractors for the performance of any part of the Services,
- b) Appointing Key Persons not listed by name in the Contract Data.
- c) Any other action that may be specified in the Contract Data.

5.6 Co-operation with Others

If the Service Provider is required to perform the Services in co-operation with Others he may make recommendations to the Employer in respect of the appointment of such Others. The Service Provider shall, however, only be responsible for his own performance and the performance of Subcontractors unless otherwise provided for.

5.7 Notice of change by Service Provider

On becoming aware of any matter which will materially change or has changed the Services, the Service Provider shall within 14 Days thereof give notice to the Employer.

6. CONFLICTS OF INTEREST

6.1 Service Provider not to benefit from commissions, discounts, etc.

The remuneration of the Service Provider under the Contract shall constitute the Service Provider's sole remuneration in connection with the Contract, or the Services, and the Service Provider shall not accept for his own benefit any trade commission, discount, or similar payment in connection with activities pursuant to the Contract, or in the discharge of his obligations under the Contract, and shall use his best efforts to ensure that the Personnel, any Subcontractors, and agents of either of them shall, similarly, not receive any additional remuneration.

6.2 Royalties and the like

The Service Provider shall not have the benefit, whether directly or indirectly, of any royalty or of any gratuity or commission in respect of any patented or protected article or process used in or for the purposes of the Contract, or Project, unless so agreed by the Employer in writing.

6.3 Independence

The Service Provider shall refrain from entering into any relationship which could be perceived as compromising his independence of judgement, or that of Subcontractors or Personnel.

7. SERVICE PROVIDER'S PERSONNEL

7.1 General

7.1.1 The Service Provider shall employ and provide all qualified and experienced Personnel required to perform the Services.

7.1.2 Where required in terms of the Contract, the Service Provider shall provide Key Persons as listed in the Contract Data to perform specific duties. If at any time, a particular Key Person cannot be made available, the Service Provider may engage a replacement who is equally or better qualified to perform the stated duty, subject to the Employer's approval, which approval shall not be unreasonably withheld.

7.1.3 Where the fees for the Services are time-based, the fee payable for a person provided as a replacement to a named Key Person shall not exceed that which would have been payable to the person replaced.

7.1.4 The Service Provider shall bear all additional costs arising out of or incidental to replacement of Personnel, except where such replacement is otherwise provided for in the Contract.

7.1.5 The Service Provider shall take all measures necessary and shall provide all materials and equipment necessary to enable Personnel to perform their duties in an efficient manner.

7.2 Provision of Personnel in terms of a Personnel Schedule

7.2.1 The Service Provider shall, where required in terms of the Contract Data, provide appropriate Personnel for such time periods as required in terms of the Contract and enter all data pertaining to Personnel including titles, job descriptions, qualifications and estimated periods of engagement on the performance of the Services in the Personnel Schedule.

7.2.2 Where the Service Provider proposes to utilise a person not named in the Personnel Schedule, he shall submit the name, relevant qualifications and experience of the proposed replacement person to the Employer for approval. Should the Employer not object in writing within 10 Days of receipt of such notification, the replacement shall be deemed to have been approved by the Employer.

7.2.3 The Services shall be performed by the Personnel listed in the Personnel Schedule for the periods of time indicated therein. The Service Provider may, subject to the approval of the Employer, make such adjustments to the data provided in terms of Clause 7.2.1 above as may be appropriate to ensure the efficient performance of the Services, provided that the adjustments will not cause payments to exceed any limit placed on the Contract Price.

7.2.4 The Service Provider shall, if required in terms of Clause 7.2.1:

- a) forward to the Employer for approval, within 15 Days of the award of the Contract, the Personnel Schedule and a timetable for the placement of Personnel.
- b) inform the Employer of the date of commencement and departure of each member of Personnel during the course of the Project.
- c) submit to the Employer for his approval a timely request for any proposed change to Personnel, or timetables.

8. COMMENCEMENT, COMPLETION, MODIFICATION, SUSPENSION AND TERMINATION

8.1 Commencement of Services

The Service Provider shall commence the performance of the Services within the period stated in the Contract Data.

8.2 Completion

8.2.1 Unless terminated in terms of the Contract, or otherwise specified in the Contract Data, the Contract shall be concluded when the Service Provider has completed all Deliverables in accordance with the Scope of Work.

8.2.2 The Service Provider may request an extension to the Period of Performance if he is or will be delayed in completing the Contract by any of the following causes:

- a) additional Services ordered by the Employer;
- b) failure of the Employer to fulfill his obligations under the Contract;
- c) any delay in the performance of the Services which is not due to the Service Provider's default;
- d) *Force Majeure*; or
- e) suspension.

8.2.3 The Service Provider shall within 14 Days of becoming aware that a delay may occur or has occurred, notify the Employer of his intention to make a request for the extension of the Period of Performance to which he considers himself entitled and shall within 30 days after the delay ceases deliver to the Employer full and detailed particulars of the request.

8.2.4 The Employer shall, within 30 Days of receipt of a detailed request, grant such extension to the Period of Performance as may be justified, either prospectively or retrospectively, or inform the Service Provider that he is not entitled to an extension. Should the Service Provider find the decision of the Employer to be unacceptable he shall, nevertheless, abide by such decision in the performance of the Services and the matter shall be dealt with as a dispute in terms of Clause 12.

8.3 Force Majeure

8.3.1 The failure of a Party to fulfill any of its obligations under the Contract shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of *Force Majeure*, provided that the Party affected by such an event has taken all reasonable precautions, due care and reasonable alternative measures in order to meet the terms and conditions of this Contract, and has informed the other Party as soon as possible about the occurrence of such an event.

8.3.2 in the event that the performance of the Services has to be suspended on the grounds of *Force Majeure*, the Period of Performance shall be extended by the extent of the delay plus a reasonable period for the resumption of work.

8.3.3 During the period of his inability to perform the Services as a result of an event of *Force Majeure*, the Service Provider shall be entitled to any payment due in terms of the Contract and shall be reimbursed for additional costs reasonably and necessarily incurred by him in suspending, delaying and re-activating the performance of the Services.

8.4 Termination

8.4.1 The Employer may terminate the Contract:

- (a) where the Services are no longer required;
- (b) where the funding for the Services is no longer available;
- (c) if the Service Provider does not remedy a failure in the performance of his obligations under the Contract within thirty (30) Days after having been notified thereof, or within any further period as the Employer may have subsequently approved in writing;
- (d) if the Service Provider becomes insolvent or liquidated; or
- (e) if, as the result of *Force Majeure*, the Service Provider is unable to perform a material portion of the Services for a period of not less than sixty (60) Days;

8.4.2 The Employer shall give the Service Provider not less than thirty (30) Days written notice of any termination made in terms of 8.4.1 (a) or (b).

8.4.3 The Service Provider may terminate the Contract, by giving not less than thirty (30) Days written notice to the Employer after the occurrence of any of the following events:

- (a) if the Employer fails to pay any monies due to the Service Provider in terms of the Contract and not subject to dispute pursuant to Clause 12 within forty-five (45) Days after receiving written notice from the Service Provider that such payment is overdue; or
- (b) if, as the result of *Force Majeure*, the Service Provider is unable to perform a material portion of the Services for a period of not less than sixty (60) Days; or
- (c) when the Services have been suspended under Clause 8.5 and the period of suspension exceeds the period stated in the Contract Data, or it is clear to the Service Provider that it will be impossible or impractical to resume the suspended Services before the period of suspension has exceeded the period stated in the Contract Data; or
- (d) if the Employer is in material breach of a term of the Contract and fails to rectify such breach within 30 Days of the receipt of written notice requiring him to do so.

8.4.4 Upon termination of this Contract pursuant to Clauses 8.4.1 or 8.4.3, the Employer shall remunerate the Service Provider in terms of the Contract for Services satisfactorily performed prior to the effective date of termination and reimburse the Service Provider any reasonable cost incident to the prompt and orderly termination of the Contract, except in the case of termination pursuant to events (c) and (d) of Clause 8.4.1.

8.4.5 Should the Service Provider, being an individual or the last surviving principal of a partnership or body corporate, die or be prevented by illness or any other circumstances beyond his control from performing the obligations implied by the Contract, the Contract shall be terminated without prejudice to the accrued rights of either Party against the other.

8.5 Suspension

8.5.1 The Employer may temporarily suspend all or part of the Services by notice to the Service Provider who shall immediately make arrangements to stop the performance of the Services and minimize further expenditure.

8.5.2 When Services are suspended, the Service Provider shall be entitled to pro-rata payment for the Services carried out and reimbursement of all reasonable cost incident to the prompt and orderly suspension of the Contract.

8.6 Rights and liabilities of the Parties

Completion, suspension or termination of the Contract shall not prejudice or affect the accrued rights or liabilities of the Parties.

9. OWNERSHIP OF DOCUMENTS AND COPYRIGHT

9.1 Copyright of all documents prepared by the Service Provider in accordance with the relevant provisions of the copyright Act (Act 98 of 1978) relating to Project shall be vested in the party named in the Contract Data. Where copyright is vested in the Service Provider, the Employer shall be entitled to use the documents or copy them only for the purposes for which they are intended in regard to the Project and need not obtain the Service Provider's permission to copy for such use. Where copyright is vested in the Employer, the Service Provider shall not be liable in any way for the use of any of the information other than as originally intended for the Project and the Employer hereby indemnifies the Service Provider against any claim which may be made against him by any party arising from the use of such documentation for other purposes.

9.2 The ownership of data and factual information collected by the Service Provider and paid for by the Employer shall, after payment by the Employer, lie with the Employer.

9.3 The Employer shall have no right to use any documents prepared by the Service Provider whilst the payment of any fees and expenses due to the Service Provider in terms of the Contract is overdue.

10. SUCCESSION AND ASSIGNMENT

10.1 Except as defined in Clause 8.4.4 above, each Party binds itself and its partners, successors, executors, administrators, assigns and legal representatives to the other Party and to the other partners, successors, executors, administrators, assigns and legal representatives of the other Party in respect of all obligations and liabilities of the Contract.

10.2 An assignment shall be valid only if it is a written agreement, by which the Service Provider transfers his rights and obligations under the Contract, or part thereof, to others.

10.3 The Service Provider shall not, without the prior written consent of the Employer, assign the Contract or any part thereof, or any benefit or interest there under, except in the following cases:

- (a) by a charge in favour of the Service Provider's bankers of any monies due or to become due under the Contract; or
- (b) by assignment to the Service Provider's insurers of the Service Provider's right to obtain relief against any other person liable in cases where the insurers have discharged the Service Provider's loss or liability.

10.4 The approval of an assignment by the Employer shall not relieve the Service Provider of his obligations for the part of the Contract already performed or the part not assigned.

10.5 If the Service Provider has assigned his Contract or part thereof without authorization, the Employer may forthwith terminate the Contract and the third party will have no claim against the Employer resulting from such termination.

11. SUBCONTRACTING

11.1 A Service Provider may not subcontract any work which he has the skill and competency to perform, unless otherwise permitted in the Contract Data.

11.2 A subcontract, where permitted in terms of the Contract Data, shall be valid only if it is a written agreement by which the Service Provider entrusts performance of a part of the Services to Others.

11.3 The Service Provider shall not subcontract to nor engage a Subcontractor to perform any part of the Services without the prior written authorization of the Employer. The services to be sub-contracted and the identity of the Subcontractor shall be notified to the Employer. The Employer shall, within 14 Days of receipt of the notification and a full motivation why such services are to be subcontracted, notify the Service Provider of his decision, stating reasons, should he withhold such authorization. If the Service Provider enters into a subcontract with a Subcontractor without prior approval, the Employer may forthwith terminate the Contract.

11.4 The Employer shall have no contractual relationships with Subcontractors. However, if a Subcontractor is found by the Employer to be incompetent; the Employer may request the Service Provider either to provide a Subcontractor with qualifications and experience acceptable to the Employer as a replacement, or to resume the performance of the relevant part of the Services himself.

11.5 The Service Provider shall advise the Employer without delay of the variation or termination of any subcontract for performance of all or part of the Services.

11.6 The Service Provider shall be responsible for the acts, defaults and negligence of Subcontractors and their agents or employees in the performance of the Services, as if they were the acts, defaults or negligence of the Service Provider, his agents or employees. Approval by the Employer of the subcontracting of any part of the Contract or of the engagement by the Service Provider of Subcontractors to

perform any part of the Services shall not relieve the Service Provider of any of his obligations under the Contract.

12. RESOLUTION OF DISPUTES

12.1 Settlement

12.1.1 The Parties shall negotiate in good faith with a view to settling any dispute or claim arising out of or relating to the Contract and may not initiate any further proceedings until either Party has, by written notice to the other, declared that such negotiations have failed.

12.1.2 Any dispute or claim arising out of or relating to the Contract which cannot be settled between the Parties shall in the first instance be referred by the Parties to either mediation or adjudication as provided for in the Contract Data.

12.2 Mediation

12.2.1 If the Contract Data does not provide for dispute resolution by adjudication, not earlier than 14 Days after having advised the other Party, in terms of Clause 12.1, that negotiations in regard to a dispute have failed, an aggrieved Party may require that the dispute be referred, without legal representation, to mediation by a single mediator. The mediator shall be selected by agreement between the Parties, or, failing such agreement, by the person named for this purpose in the Contract Data. The costs of the mediation shall be borne equally by the Parties.

12.2.2 The mediator shall convene a hearing of the Parties and may hold separate discussions with any Party and shall assist the Parties in reaching a mutually acceptable settlement of their differences through means of reconciliation, interpretation, clarification, suggestion and advice. The Parties shall record such agreement in writing and thereafter they shall be bound by such agreement.

12.2.3 The mediator is authorised to end the mediation process whenever in his opinion further efforts at mediation would not contribute to a resolution of the dispute between the Parties.

12.2.4 If either Party is dissatisfied with the opinion expressed by the mediator or should the mediation fail, then such Party may require that the dispute be referred to arbitration or litigation in a competent civil court, as provided for in the Contract Data.

12.3 Adjudication

12.3.1 If the Contract Data does not provide for dispute resolution by mediation, an aggrieved Party may refer the dispute to adjudication. Adjudication shall be in accordance with the latest edition of the separately published CIDB Adjudication Procedures.

12.3.2 The adjudicator shall be appointed in terms of the Adjudicator's Agreement bound in the Construction Industry Development Board's Adjudication Procedure.

12.3.3 The Adjudicator shall be any person agreed to by the parties or, failing such agreement, shall be nominated by the person named in the Contract Data. The Adjudicator shall be appointed in accordance with the Adjudicator's Agreement contained in the CIDB Adjudication Procedure.

12.3.4 If a Party is dissatisfied with the decision of the Adjudicator, the Party may give the other Party notice of dissatisfaction within 28 Days of the receipt of that decision and refer the dispute to arbitration or litigation in a competent civil court as provided for in the Contract Data. If no notice of dissatisfaction is given within the specified time, the decision shall be final and binding on the Parties.

12.4 Arbitration

12.4.1 Arbitration, where provided for in the Contract Data, shall be by a single arbitrator in

accordance with the provisions of the Arbitration Act of 1965 as amended and shall be conducted in accordance with such procedure as may be agreed between the Parties or, failing such agreement, in accordance with the Rules for the Conduct of Arbitrations published by the Association or Arbitrators current at the date the arbitrator is appointed.

12.4.2 The arbitrator shall be mutually agreed upon or, failing agreement, to be nominated by the person named in the Contract Data.

13. LIABILITY

13.1 Liability of the Service Provider

13.1.1 The Service Provider shall be liable to the Employer arising out of or in connection with the Contract if a breach of Clause 5.1 is established against him.

13.1.2 The Service Provider shall correct a Defect on becoming aware of it. If the Service Provider does not correct a Defect within a reasonable time stated in a notification and the Defect arose from a failure of the Service Provider to comply with his obligation to provide the Services, the Service Provider shall pay to the Employer the amount which the latter assesses as being the cost of having such Defect corrected by Others.

13.1.3 All persons in a joint venture or consortium shall be jointly and severally liable to the Employer in terms of this Contract and shall carry individually the minimum levels of insurance stated in the Contract Data, if any.

13.2 Liability of the Employer

The Employer shall be liable to the Service Provider arising out of or in connection with the Contract if a breach of an obligation of his in terms of the Contract is established. The Service Provider shall have no separate Legal right of action against the Employer.

13.3 Compensation

If it is established that either Party is liable to the other, compensation shall be payable only on the following terms:

- (a) Compensation shall be limited to the amount of reasonably foreseeable loss and damage suffered as a result of the breach.
- (b) In any event, the amount of compensation will be limited to the amount specified in Clause 13.5.

13.4 Duration of Liability

Notwithstanding the terms of the Prescription Act No. 68 of 1969 (as amended) or any other applicable statute of limitation neither the Employer nor the Service Provider shall be held liable for any loss or damage resulting from any occurrence unless a claim is formally made within the period stated in the Contract Data or, where no such period is stated, within a period of three years from the date of termination or completion of the Contract.

13.5 Limit of Compensation

13.5.1 Unless otherwise indicated in the Contract Data, the maximum amount of compensation payable by either Party to the other in respect of liability under the Contract is limited to:

- a) the sum insured in terms of 5.4 in respect of insurable events; and
- b) the sum stated in the Contract Data or, where no such amount is stated, to an amount equal to twice the amount of fees payable to the Service Provider under the Contract, excluding reimbursement and expenses for items other than salaries of Personnel, in respect of non-insurable events.

13.5.2 Each Party agrees to waive all claims against the other insofar as the aggregate of

compensation which might otherwise be payable exceeds the aforesaid maximum amount payable.

13.5.3 If either Party makes a claim for compensation against the other Party and this is not established, the claimant shall reimburse the other for his reasonable costs incurred as a result of the claim or if proceedings are initiated in terms of Clause 12 for such costs as may be awarded.

13.6 Indemnity by the Employer

Unless otherwise indicated in the Contract Data, the Employer shall indemnify the Service Provider against all claims by third parties which arise out of or in connection with the performance of the Services save to the extent that such claims do not in the aggregate exceed the limit of compensation in Clause 13.5, if applicable, or are covered by the insurances arranged under the terms of Clause 5.4.

13.7 Exceptions

13.7.1 Clauses 13.5 and 13.6 shall not apply to claims arising from deliberate misconduct.

13.7.2 The Service Provider shall have no liability whatsoever for actions, claims, losses or damages occasioned by:

- a) the Employer omitting to act on any recommendation, or overriding any act, decision or recommendation, of the Service Provider, or requiring the Service Provider to implement a decision or recommendation with which the Service Provider disagrees or on which he expresses a serious reservation; or
- b) the improper execution of the Service Provider's instructions by agents, employees or independent contractors of the Employer.

14. REMUNERATION AND REIMBURSEMENT OF SERVICE PROVIDER

The Employer shall remunerate and reimburse the Service Provider for the performance of the Services as set out in the Pricing Data. If not otherwise stated in the Pricing Data, the following shall apply:

14.1 The Service Provider shall be entitled to render interim monthly accounts for fees and reimbursements throughout the duration of the Contract. Interim amounts of lump sum fees due shall be based on progress.

14.2 Amounts due to the Service Provider shall be paid by the Employer within thirty (30) Days of receipt by him of the relevant invoices. If the Service Provider does not receive payment by the due date, he shall be entitled to charge interest on the unpaid amount, which is payable by the Employer, at the prime interest rate charged by his bank and certified by such bank, plus 2% per annum, and calculated from the due date of payment.

14.3 If any item or part of an item in an invoice submitted by the Service Provider is disputed by the Employer, the latter shall, before the due date of payment, give notice thereof with reasons to the Service Provider, but shall not delay payment of the balance of the invoice. Clause 14.2 shall apply to disputed amounts which are finally determined to be payable to the Service Provider.

14.4 In respect of Services charged for on a time basis and all other reimbursable expenses the Service Provider shall maintain records in support of such charges and expenses for a period of twenty four months after the completion or termination of the Contract. Within this period the Employer may, on not less than 14 Days' notice, require that a reputable and independent firm of accountants, nominated by him at his expense, audit any claims made by the Service Provider for time charges and expenses by attending during normal working hours at the office where the records are maintained.

15 AMOUNTS DUE TO THE EMPLOYER

Amounts due to the Employer shall be paid by the Service Provider within thirty (30) Days of receipt by him of the relevant invoices. If the Employer does not receive payment by the due date, he shall be entitled to charge interest on the unpaid amount, which is payable by the Service Provider, at the rate stated in the Contract Data, calculated from the due date for payment.

BA-PHALABORWA MUNICIPALITY

C2.1 Pricing Instructions

- 1 The Service Provider is required to provide the services in accordance with the Scope of Work. To provide the work in accordance with the Scope of Work embraces all things necessary and incidental to completing the *services*.
- 2 The Service Provider is required to price for providing the services relating to each activities provided in the Activity Schedule. If a particular activity is not identified, the cost to the Service Provider of doing the work shall be deemed to be included in, or spread across, the other prices in order to fulfill the obligation to complete the services for the tendered total of the prices.
- 3 The only basis for a change to the prices is as a result of the Employer giving an instruction to change the Scope of Work. The reasonableness of the changes in prices resulting from such a change shall be assessed in terms of recommended time based fees published by the relevant engineering councils.
- 4 The Service Provider is required to include all expenses in the activity schedule. No contract price adjustment for inflation is provided for.

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C2.2 Bill of Quantities

- 1) The Bill of Quantities (BOQ) must be completed in full. Where items are omitted, it will be deemed as included elsewhere
- 2) The BOQ is provisional, and may not be used to order material. The Contractor will only place orders from his own measurements, after confirmation by the Municipality.
- 3) The Municipality reserves the right to change any quantity in the bill according to final requirements, and the contractor will not be entitled to any claim due to such changes.
- 4) If the contractor find discrepancies between the BOQ and his own measurements, he will bring it under the attention of the Deputy Director: Electrical before placing an order for that item where the discrepancy exist. The Deputy Director: Electrical will rule on this.
- 5) The BOQ will be the format of claims. Only claims substantiated by the quantities in the Bill will be considered.
- 6) Where PC items, contingency and preliminary items are included in the BOQ, payment will only be made for such items if the Deputy Director: Electrical has given written instructions to that effect.
- 7) The Contractor will only be paid for actual work done and/or material supplied, and not as per the provisional BOQ.
- 8) All items in the BOQ is exclusive of VAT. VAT is only added at the end under the SUMMARY.

Supply and installation of new Miniature substations

Item no	Description	Unit	Quantity	Rate	Total
1	Provide for all general items necessary to complete the project successfully and to meet all obligations of the tender and the contract.	sum	1		
1	Supply and Deliver complete Miniature Substations to Ba-Phalaborwa Municipal Stores, with all specified equipment included, except the service connection equipment.	each	3		
2	Provide SABS test Certificate for each miniature Substation	each	3		
3	Install single phase Split pre-paid meters and single phase 80A circuit breakers in the new miniature substations. Meters and Service connection Circuit breakers to be supplied by the Municipality. Meters and circuit breakers to be clearly and permanently marked with the correct stand numbers	each	36		
4	Remove old miniature substation and replace with new one. Work in each miniature Substation to include the disconnection of all cables, including 2 x 11kV cables, streetlight circuits and 18 service connections, marking it properly, and reconnecting it to the new miniature substation, Transportation of old miniature substation to the municipal workshop to be included in cost	each	2		
5	Supply and Install a new earth mat as per SANS 0142-2 at each new installation, test and issue earth test certificate	each	2		
6	Test and commission new Miniature substation installation.	each	2		
7	Modifications to existing two foundations (Provisional amount, final payment to be made upon prove of cost)	sum	sum		R20 000-00
8	Contingency amount: (only to be used on instruction by the Chief Electrical Engineer)	sum	sum		R 50 000-00

3 Total Amount:

4 Subtotal

5 Plus VAT @ 15%

6 Total Tender Amount carried forward to form of tender

Program

Total completion time for project from date of appointment:

weeks

Signature of Tenderer

Date:

BA-PHALABORWA MUNICIPALITY

C3 Scope of Work

This tender is for :

- 1) The manufacture of 3 x 315kVA Miniature substations and delivery to Ba-Phalaborwa Municipal Stores thereof.
- 2) The installation of prepaid meters and circuit breakers (supplied by the Municipality) in two of the new Miniature substations
- 3) The replacement of two existing miniature substation with new ones, including all cable work, transportation, testing and commissioning.

All Miniature Substations and all components will be newly manufactured. No secondhand parts will be allowed.
All transportation cost to be included

BA-PHALABORWA MUNICIPALITY

C4 Specification

SUPPLY AND DELIVERY OF MINIATURE SUBSTATIONS

B.1 315kVA MINIATURE SUBSTATION

- A. SCOPE
- B. SPECIFICATION
- C. FINISHING
- D. HIGH VOLTAGE COMPARTMENT
- E. HIGH VOLTAGE METERING COMPARTMENT (OWNERS MINISUB)
- F. TRANSFORMER
- G. LOW VOLTAGE COMPARTMENT
- H. IDENTIFICATION
- I. SPARE FUSES
- J. EARTHING

MINIATURE SUBSTATIONS (315 kVA)

1. SCOPE

This section comprises the supply and delivery of New type B miniature substations (mini-subs) as subsequently specified in accordance with NRS 004.

2. SPECIFICATION

These miniature substations will be of modular design consisting of three compartments, i.e.:

- (a) High voltage compartment
- (b) Transformer
- (c) Low voltage compartment

3. FINISHING

The miniature substations shall be manufactured from plate metal. All sides shall be welded so as to prevent entry by rodents.

The finishing shall be as follows:

- (a) Subsequent to manufacture, the entire box, the base, roof, as well as the radiator, shall undergo a hot dipped galvanising process according to BSS 729 of 1961.
- (b) Subsequent to galvanising, an approved etch primer shall be applied and thereafter a layer of red oxide/zinc chromate priming coat before submerging it in one layer alkaline based synthetic enamel outdoor paint.
- (c) 3CR12 steel will also be acceptable, on condition that it is handled and treated correctly in accordance with the applicable SABS/NRS standards .
- (d) The final finish shall be of high quality enamel paint to resemble the colour “LIGHT PASTEL GREY” according to SABS 1091-1975 Code G69.
- (e) All doors will be equipped with a three-point locking mechanism, lock protection and the necessary danger signs. Doors will also have a device to support door when opened.

4. HIGH VOLTAGE COMPARTMENT

The switchgear shall consist of oil filled or ring main unit with fuses to protect the transformer, as per NRS 006.

The ring main unit's capacity shall be 350 MVA, 400 Amp, at defect/loading-tripping-conditions and the fuse switch's capacity shall be 350 MVA at 11kV with a constant loading capability of 85 Amperage.

The operation of the three panels shall be identical, except that the fuse panel shall be provided with trip facilities.

The connections between the transformer and the fused-switch must be of at least 35mm² copper cable.

Two cable termination boxes with isolators for dry terminations in air, according to NRS 008 and cable clamps for 95mm² 3-core paper isolated ring cable shall be provided. Cover plate on termination box must be slide over and secured by one 10 mm bolt and nut at base.

5. **HIGH VOLTAGE METERING COMPARTMENT (WHERE SPECIFIED (OWNERS MINISUB))**

N/A

6. **TRANSFORMER**

The following details are applicable to the transformer located in the transformer compartment, according to SABS 780 and NRS 005:

- | | | | |
|-----|---------------------------------|---|---|
| (a) | Specification | : | SABS 780/1966 NRS 005 |
| (b) | Type | : | Free Air Cooling Transformer |
| (c) | kVA size | : | 315 kVA |
| (d) | Normal primary voltage | : | 11 000 Volt |
| (e) | No load secondary voltage | : | 420/242 Volt |
| (f) | Number of phases and frequency: | : | 3 - 50 Hz frequency |
| (g) | Vector group | : | Dyn 11 |
| (h) | H.V. tapping points | : | 0% ± 2½ ± 5% |
| (i) | Ratio setting | : | From outside controlled no load selector switch |
| (j) | L.V. Neutral | : | For solid earthing |
| (k) | Utilization | : | Low loss type |
| (l) | Oil indicator | : | Is required |
| (m) | Cooling | : | ONAN |

7. **LOW VOLTAGE COMPARTMENT**

The low-voltage compartment of the miniature substations unit shall consist of the following apparatus:

<u>ITEM</u>	<u>DESCRIPTION</u>
7.1 Main circuit breaker	: 3 Pole 450 Amp moulded case circuit breaker with thermal overloading and magnetic instant fault protection. The fault current capacity shall be 25 kA.
7.2 Feeder Circuit Breakers:	: Provision for installation of 8 x 3 Pole 15kA Circuit breakers
7.3 Earth fault indicator	1 x earth fault indicator with supply point protected by a 2 Amp fuse (1,5 mm ² wiring).
7.4 Streetlight circuit	Streetlight circuit as per schematic diagram

Provision to be made for installation of at least 30 service connections in each miniature substation, inclusive of split prepaid meters and a 80 A single phase circuit breaker for each service connection. Suitable cable termination blocks will be installed for all LV circuits (at least 25mm² each). These termination blocks will be accessible for maintenance purposes, and provision to be made for labeling of all termination blocks. No service connection and/or streetlight circuit will be made directly to meters and/or circuit breakers. Not more than one Neutral conductor to be connected on a single stud. Termination blocks/neutral bars to be of adequate dimensions to connect each of the 30 service connections separately.

Miniature substations will be inspected in the factory by the Chief Electrical Engineer before delivery.

8. **IDENTIFICATION**

Labels with black engraved “Trafalite” with white letters shall be provided and mounted with a suitable slide-in frame. The following labels are required:

<u>ITEM</u>	<u>APPARATUS</u>	<u>HEADING</u>	<u>LETTER TYPE</u>
(i)	450 Amp Circuit breaker	MAIN CIRCUIT BREAKER	12mm
(ii)	Earth Fault indicator	EARTH FAULT INDICATOR	6mm
(iii)	Meters and circuit breakers	Erf no:.....	4mm

9. **SPARE FUSES**

Three fuses of each size and type shall be included in each of the miniature substation units.

10. **EARTHING**

A continuous copper bar of 25 x 6mm shall be installed as a substation earth conductor from the H.T. compartment through the transformer section to the L.V. compartment.

11. **LOCKS**

Door locks systems to be of the three-way type, and equipped with “smart locks”. These locks to be compatible with the existing system used by the municipality, which is the Megatronix system. No padlocks of any type will be allowed.

12. **INSTALLATION**

Two of the supplied miniature substations will be installed in position of two old ones. The contractor will be informed of the exact positions.

The contractor will duplicate the existing ones to ensure exactly the same amount of service and streetlight connections.

12.1) **Marking:** All existing cables to be carefully and permanently marked before the existing miniature substation is removed.

12.2) **Earthing:** A new earth mat to be installed for each installation as per attached drawings. The installation to meet the requirements of SANS 1042-2 2014, paragraph 5.3 and an earthing certificate will be issued by the service provider.

12.3) **Foundation:** Existing foundations to be inspected/tested, and where applicable foundations will be altered to be compatible with new miniature substations. The contractor will be responsible for the design of all civil structures, and designs to be pre-approved by the Chief Electrical Engineer

12.4) **Cable Joints:** Any cable joints to comply to sound and correct specifications applicable to that specific cable. All LV service connections that need jointing will be done using suitable and correctly sized crimped ferrules, and properly and neatly insulated. No unnecessary joints will be permitted.

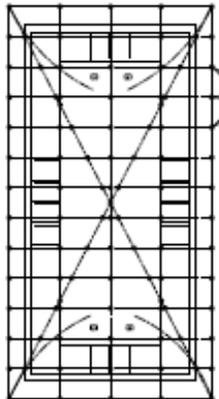
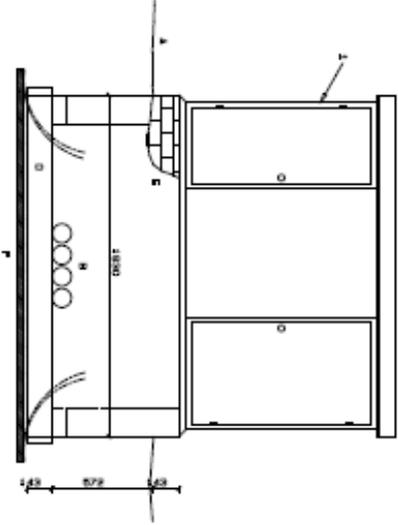
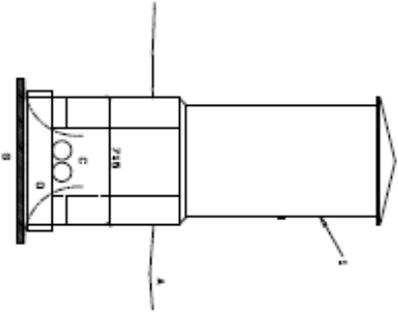
12.5) **Execution:** Planning of the execution work will be done in such a way that the disruption to the consumers is kept to a minimum, and all affected consumers are informed in writing at least two weeks in advance of the time, date and duration of the disruptions.

Drawings

The following drawings form part of the specifications.

BPM 07/2017/01 : Details of Miniature Substation Installation

BPM 07/2017/05 : Single Line Diagram of Miniature Substation



MINIATURE SUBSTATION
(Scale 1:25)

CONNECTIONS TO ENGINE ELECTRICAL CONTRACTOR
1.2. BRICKMALL, SOLUTIONS OR OTHERWISE

NOTES:

- 1 MINIATURE SUBSTATION
- 2 WARNING TAPE
- 3 BEDDING
- 4 L.V. CABLE
- 5 H.V. CABLE
- 6 EARTHING CONDUCTOR (IF REQUIRED)
- 7 REFILLED WITH SIFTED SOIL
- 8 DIMENSION TO SUIT TYPE OFFERED
- 9 DIMENSION TO SUIT TYPE OFFERED
- 10 DIMENSION TO SUIT AMOUNT OF CABLES, MAXIMUM 800mm WIDE, UNLESS AMOUNT OF CABLES DICTATE OTHERWISE
- 11 GROUND LEVEL
- 12 4 x 150mm DIA. SLEEVES
- 13 2 x 150mm DIA. SLEEVES
- 14 FOUNDATION TO FIT SPECIFICATIONS
- 15 BRICKMALL, PLASTERED OR FACEBRICK
- 16 EARTH MAT AS SPECIFIED
- 17 70sq.mm COPPER TAILS, 1500mm LONG

PROJECT: Miniature Substation		DRAWING NUMBER: BNP 072017/01		REV: 1		DATE: 03 February 2017			Ba-Pthalaborwa Municipality Technical Services
DRAWING: DETAILS OF MINIATURE SUBSTATION INSTALLATION		SHEET 1 OF 1		APPROVED: C.L.					