



MBD1

PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE THULAMELA MUNICIPALITY					
BID NUMBER:	18/2023/2024	CLOSING DATE:	12 SEPTEMBER 2023	CLOSING TIME:	11:00 AM
DESCRIPTION	DESIGN AND CONSTRUCTION OF TURNKEY STREET LIGHTS FROM TSHIKEVHA (THOHOYANDOU) TO SIBASA CALTEX				
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD7).					

BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX
SITUATED AT (STREET ADDRESS)

OLD AGRIVEN BUILDING
THOHOYANDOU
0950

SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
TAX COMPLIANCE STATUS	TCS PIN:		OR	CSD No:	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]	☐ Yes ☐ No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		☐ Yes ☐ No

[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) 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]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES, ANSWER PART B:3]
TOTAL NUMBER OF ITEMS OFFERED		TOTAL BID PRICE	R
SIGNATURE OF BIDDER		DATE	
CAPACITY UNDER WHICH THIS BID IS SIGNED			

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		TECHNICAL INFORMATION MAY BE DIRECTED TO:	
DEPARTMENT	FINANCE	CONTACT PERSON	MS GANGASHE A
CONTACT PERSON	MR PHASWANA K	TELEPHONE NUMBER	015 962 7625
TELEPHONE NUMBER	015 962 7676	FACSIMILE NUMBER	015 962 7676
FACSIMILE NUMBER	015 962 7625	PhaswanaK@thulamela.gov.za	GangasheA@thulamela.gov.za



MBD1

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:	
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.	
1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR ONLINE	
1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.	
2. TAX COMPLIANCE REQUIREMENTS	
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.	
2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.	
2.3 APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.	
2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.	
2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.	
2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.	
2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.	
3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS	
3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	☐ YES ☐ NO
3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA?	☐ YES ☐ NO
3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	☐ YES ☐ NO
3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	☐ YES ☐ NO
3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	☐ YES ☐ NO
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.	

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

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

DATE:



THULAMELA LOCAL MUNICIPALITY

INVITATION TO BID

DESIGN AND CONSTRUCTION OF TURNKEY STREET LIGHTS FROM TSHIKEVHA TO SIBASA CALTEX.

Thulamela Local Municipality is inviting capable service providers for design and Construction of the following Street lights project (Turnkey project).

Bid Number	Project Description	CIDB Grading	Non-Refundable Bid Price	Evaluation Criteria
No.: 18/2023/2024	Design and Construction of turnkey Street lights from Tshikevha (Thohoyandou) to Sibasa Caltex	5EP or Higher	R3.00 per page	80/20 Preference points system and functionality

Tender documents are obtainable from Procurement Office, Office No. 02 at Thulamela Local Municipality Head Office, during the following times: 08:00 to 15:30 (Monday to Friday) at a **Non-refundable bid price of R3.00 per page** as from **18 August 2023** or can alternatively be downloaded from Thulamela website (www.thulamela.gov.za) for free. The tenderer(s) should also download SCM forms that are found in the **SCM-FORMS sub folder** on the website and complete as part of the Bid documents.

The service providers must submit the completed Bid documents (in black ink) and hand deliver or courier them to Thulamela Municipality. All completed Bid documents (hand delivered or couriered) must be dropped in the BID BOX before the closing date and time of the Bids closure. The onus is on the service providers to make sure the Bid documents are submitted on time and late submission won't be accepted.

One(01) service providers of highest score will be appointed for each project.

Interested service providers must attend a compulsory briefing session on 30 August 2023 at 10h00. Venue: Thulamela local Municipality Head Office Council Chamber.

BID NUMBER 18/2023/2024: DESIGN AND CONSTRUCTION OF TURNKEY STREET LIGHTS PROJECT FROM TSHIKEVHA TO SIBASA CALTEX

Interested service providers (**Consulting Engineers and Contractors**) will be expected to submit the Bid documents with the following compulsory requirements.

- ❖ **Tax Compliance Status Letter or Tax Compliance Pin Number**
- ❖ **Company registration documents (e.g., CK)**
- ❖ **Proof of registration with CIDB**
- ❖ **Proof of registration with ECSA**
- ❖ **Proof of valid indemnity**
- ❖ **Proof of registration on CSD**
- ❖ **Wireman license**
- ❖ **Electrical Engineering Diploma/Degree or higher for the Director**
- ❖ **Proof of municipal rates and taxes or municipal service charges owed by the bidder and all its directors, not in arrears for more than 3 months. (The proof of municipal rates and taxes or municipal service charges to be submitted must not be older than three (3) months from the closing date of the bid**
- ❖ **List of streetlights project completed by both consulting engineer and contractor in the last 10 years with clients contact details, description, and contract values (Attached appointment letters and completion certificates)**
- ❖ **Attach South African Personal Identity Documents for all its directors.**
- ❖ **Highlights the similarities on the completed projects comparing to the the Summery of the specification as attached on the tender document/Advert.**

Tenderers should note the following: Functionality will be scored out of **100% and the minimum threshold to qualify is 70%**. Tenderers who fail to meet the minimum threshold will not be considered for further evaluation.

	TARGETED GOALS:	WEIGHT
Points for functionality	Experience of the Construction Company	30
	Proof of Plant Equipment or Lease agreement or Letter of intent to hire with proof of plant registration document by owner (Truck and Bakkie)	10

	South African Electrical Engineers Qualification and proof of registration with the Professional body (ECSA)	15
	Experience of Electrification Design Engineer and Site Technician	15
	Experience of Electrification Company Consulting Electrical Engineering	15
	Financial Reference	15
TOTAL		100

Bids will be assessed under the provisions of the following Acts and its Regulations: Municipal Finance Management Act, (Act 56 of 2003); PPPFA, Supply Chain Management Policy of the municipality in accordance with the specifications and in terms of **preferential points system and functionality**.

Specific Goals Categories (CSD will be used for verification)	Number of Points (80/20 system) 20 Points breakdown
1. 100% Black ownership	10
2. 100% Women ownership	5
3. Youth	3
4. Disability (Medical certificate will be used to verify the disability status of the bidder)	2

Sealed bid documents must be submitted in envelopes clearly indicating **“BID NUMBER AND DESCRIPTION”** on the outside and must reach the undersigned by depositing it into the official Bid Box at the front of the main entrance to the Civic Centre, by no later than **11H00 on, 12 September 2023**.

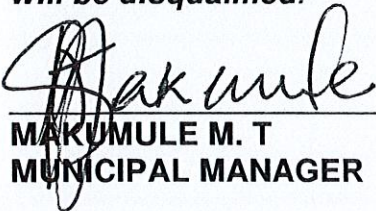
Administrative queries can be directed to Mr. Mudzili T.P. at 015 962 7629 and technical queries can be directed to Mr. Phaswana K. at 015 962 7676 or Ms. Gangashe A. at 015 962 7625, during office hours.

The Municipality is not bound to accept the lowest Bid and reserves the right to accept any part of a Bid. Bids must remain valid for a period of ninety (90) days after closing date of the submission thereof.

Bids may only be submitted on the bid documentation provided by the municipality.

NB:

Bids which are late, incomplete, unsigned, completed by pencil, sent by telegraph, facsimile, electronically (Fax), or E- mail and without the compulsory requirements will be disqualified.



MAKUMULE M. T
MUNICIPAL MANAGER

16 . 08 . 2023

DATE



THULAMELA LOCAL MUNICIPALITY

**TURNKEY CONSTRUCTION OF STREET LIGHTS PROJECT
STREETLIGHTS DESIGN, PROJECT MANAGEMENT,
AND CONSRUCTION**

DESIGN & PROJECT MANAGEMENT AND IMPLEMENTATION.

1. BACKGROUND

In pursuance to the dictates of the Municipal Finance Management Act and other parallel pieces of legislation, Thulamela Municipality intends to appoint consulting engineers and contractors to render design, Project management professional services and implementation for the Construction of Electrification Projects. The appointment will be done in terms of the Engineering Council of South Africa (ECSA) Guideline Scope of Services for Persons Registered in terms of the Government Gazette and CIDB, SCM Policy, and MFMA. The appointed engineers and contractors will be required to design, Scoping Report and they will also be required to compile technical reports for submission and approval to Technical Evaluation Committee (Eskom) as the requirements.

2. OUTLINE

These terms of reference set down the minimum scope of work for which the service providers are responsible. They define key accountabilities and what the service providers are responsible for delivering.

3. CONDITIONS OF APPOINTMENT

Compliance with and performance in terms of these terms of reference is a specific condition of the existing appointment of the service provider. The contractor should be appointed in terms of CIDB requirements

4. REQUIRED BIDDER PROFILE

Interested parties should indicate in their proposals their expertise and their capacity to undertake this assignment together with an indicative project plan, identification with the number of units to be electrified and advise the municipality. Experience in working with local authorities and Eskom will also be considered.

The interested parties should also be intimately familiar with the policy and strategy publications of the Government of the Republic of South Africa, the Limpopo Provincial Government, and with the initiatives taking place in various government fronts at national,

provincial and local spheres. Prospective service providers must show a proven knowledge of services provision and project management principles and methodologies.

5. COMPLIANCE WITH THE PROGRAMME MANAGEMENT SYSTEM

The service providers are required to adhere to the guideline procedures set down in ECSA Guideline Scope and Tariff of fees for Persons Registered in terms of Engineering Profession Act, 2000 (Act No. 46 of 2000).

6. STAKEHOLDER CONSULTATION

It is imperative that the proposal should provide for the full integration of stakeholders to ensure buy-in to the proposal process and commitment to the proposals. The Professional Service Provider (PSP) must proactively identify key stakeholders and engage with them in accordance with an appropriate communications and consultation plan.

7. TERMS OF REFERENCE

The specific terms of reference when appointed are as follows:

- Project scoping informed by community needs for the following villages:
- Compilation of technical & design reports.
- Implementation of the projects
- Break down cost estimates.
- **The price for the tender will be used for the evaluation. Retention will be at 10%.**
- Incorporation of Occupational Health and Safety in the Contract to be signed after appointment and ensuring that contractors follow those guidelines (Safety file to be forwarded to the Municipality before the handing over.)
- Project management including convening site meetings and the supporting documents need to be forwarded to the Municipality.
- Being accountable for all quality and risk issues of the project.
- Registering projects on the EPWP and failure to do so the Municipality shall have the right not to pay the service provider concerned.
- Ensuring that projects are implemented Labor Intensive Methods.
- Ensuring the contractors meet the CIDB requirements.
- Project implementation and handing over to Municipality as per contract date.
- Ensuring that General Conditions and Special conditions are fully adhered to.

8. EVALUATION CRITERIA

TECHNICAL REQUIREMENTS

In addition of the basic requirements as spelt out in the tender advert, the points for technical requirements and value of proposal (functionality) will include, but not limited to the following:

- Similar Experience of construction company
- Proof of Plant Equipment or Lease agreement or Letter of intent to hire with proof of plant registration document by owner (Truck and Bakkie)
- South African Electrical Engineers Qualifications and proof of registration with the Professional body (ECSA). E.g. Pr Eng or Pr Technologist
- South African Similar Experience of electrification Projects of Consulting Electrical Engineering Company
- Proof of banking details from the bank (Confirmation Letter by the Bank)
- South African Identity Personal Documents of the Directors.
- Highlights Similar completed Projects with the summery of specification.

9. BRIEFING SESSION

Interested service providers must attend a compulsory briefing session on 30 August 2023 at 10h00. Venue: Thulamela local Municipality Head Office Council Chamber.

10. BID ENQUIRIES

Enquiries in connection with these invitation for design and electrification of villages should be directed to Senior Manager Technical Gangashe A and Supply Manager Mudzili P at phone at 015 962 7500

11. TECHNICAL ENQUIRIES

All technical enquiries should be directed to Mr. Phaswana K at 015 962 7676 or Ms. Gangashe A. at 015 962 7625, during office hours.

12. PROJECT DURATION

The projects shall run for a minimum period of 6 months to maximum period of 10 month from the date of appointment.

13. CONTRACT SIGNING

Thulamela Local Municipality shall enter into a legally binding contract with the successful bidder.

14. KEY PROPOSAL DELIVERABLES

The proposals should address but not limited to the above-mentioned deliverables in detail. There is no prescribed format for writing project proposal; however, the proposals should include the following:

- (i) Introduction.
- (ii) Background.
- (iii) Approach.
- (iv) Best Practise Lessons.
- (v) Proposed project execution plan
- (vi) List of previous projects with projects approval letters from Eskom for the previous projects completed with telephone, cell phone and physical address details of the contactable referees.
- (vii) Resources (human, engineering software & instruments)
- (viii) Proposed project communication plan.
- (ix) Company Profile including a clear outlined equity structure.
- (x) Resumes of ONLY people to be assigned to the project/s.
- (xi) Compliance documents (Original SARS Certificate, ECSA Registration, and Professional Indemnity). Non submission of any of the 3 documents in brackets will lead to automatic disqualification. In case of a Joint Venture, both JV member firms shall conform to SARS Certificates, Professional Registration and Professional Indemnity.

15. EVALAUTION CRITERIA

COMBINED TECHNICAL SCORE

BID NUMBER 18/2023/2024: DESIGN AND CONSTRUCTION OF TURNKEY STREET LIGHTS PROJECT FROM TSHIKEVHA TO SIBASA CALTEX

The Service Providers s technical score will be calculated as follows:

1.1 Experience for construction company (Max 30 points)				
Any street lights project with a value of less than R1 000 000 will score 5 points per project completed within 10 years (Attach completion certificates and appointments Letters for completed projects.				5 points
An street lights project with a value of more than R1 000 000 will score 10 points per project completed within 10 years (Attach completion certificates and Appointment letters for the completed projects.				10 points
Maximum 30 points				30 points
1.2 Plant and Equipment (maximum 10 points). attach valid registration documents (within 12 months period). For renting bidders will obtain 50% of the allocated points.				
Item Number	Plant and Equipment's	Number		Points
1.	Truck	1		5 points
2.	Bakkie	1		5 points
Maximum Points				10
1.3 Electrical Engineering Qualification and proof of registration with ECSA (Max 15 points)				
Diploma with ECSA	Site Technician	1		5 points
South African BSC Degree or BTech in Electrical Engineering with ECSA Registration.	Design Engineer	1		10 points
Maximum Points				15
1.4 Experience of the Design Engineer and Site Technician				
1.4.1Design Engineer.				
2(two) or more street lights Projects will scored 7.5 points(one street lights project will be half of 7.5 points. for the completed	7.5 points			7.5 points

within 10 years (Attach-completion certificates which is supported by Curriculum vitae (CV) and qualification				
1.4.2 Site Technician				
2(two) street lights Projects that have been completed within 10 years by the Site Technician (Attach-completion certificates and should be supported by the Curriculum vitae (CV)	7.5 points			7.5 points
Maximum Points	15 points			15 points
1.5 Experience for Company Consulting in Electrification				
Any Street lights project with a value of less than R1 000 000 will score 3 points per project completed within 10 years (Attach completion certificates, appointments Letters.				
An Street lights project with a value of more than R1 000 000 will score 5 points per project completed within 10 years (Attach completion certificates, Appointment letters.				
Maximum of 15 points	15 points			15 points
1.6 Financial Reference (max points 15)				
Tenderer submitted banking details and proof attached	5.0 Points			5 Points

Registered financial institution 's full details as guarantor or in the amount of 10% as specified for surety purposes shall be submitted or letter of intent.	5.0 Points			5 Points
Banking rating "c" or better	5.0 Points			5 Points
Maximum				15 Points

The following is a statement of similar work executed by the company/ies in the last ten (10) years:

Employer, Contact person and telephone number	Description of contract	Value of work inclusive of VAT (Rand) if applicable	Date Completed	Similar Projects to the Breakdown Activity and Completed Projects

	SPECIFICATION FOR THE STREET LIGHTS FROM TSHIKEVHA TO SIBASA CALTEX								
Item	Description	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
A	Site Establishment & Safety								
1	Site Camp, Store, personnel, rental, transport, name board etc	Sum			1	R 60 000,00			R 60 000,00
2	Payment of CLO @ R6000,00 per month (Provisional Amount)	Month			6	R 6 000,00	R 0,00	R 36 000,00	R 36 000,00
3	Payment of worker for entry and exit medical testing	Month			1	R 80 000,00	R 0,00	R 80 000,00	R 80 000,00
4	Payment of Security	Month			6	R 60 000,00	R 0,00	R 360 000,00	R 360 000,00
5	Payment of PSC Members - (Provisional Amount)	Month			6	R 50 000,00	R 0,00	R 300 000,00	R 300 000,00
6	Compliance with OHS ACT incl. Safety File and safety instructions	Sum			1	R 50 000,00	R 0,00	R 50 000,00	R 50 000,00
7	Design for the street lights	Sum			1				
8	Payment of Student (Provisional Amount) and Training electricians for preparations of maintenance after handing over.	Sum			6	R 63 000,00		R 378 000,00	R 378 000,00
9	Social Facilitation Services	Sum			1	R 60 000,00	R 0,00	R 60 000,00	R 60 000,00
10	PPE for Local Labourers	Sum	1	R 80 000,00			R 80 000,00		R 80 000,00
SUB-TOTAL									
B	Pegging out the works	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1	MV Pegging	KM			3km				
2	AS-Built drawing (by an Eskom approved surveyor who pegged the lines) Only Provisional amount				1				
4	Bush Clearing and Tree Felling	5km			5km				
SUB-TOTAL									
C	Digging Holes	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1A	e.a.	e.a.	180		180				
1B	Rock Drill	e.a.	30		30				
1C	Compressors	e.a.	5		5				

2A	MV stay back-actor or hand	e.a.			12				
2B	Rock Drill	e.a.			10				
2C	Compressors	e.a.			10				
3A	11m wood poles fo support	e.a.	30		30				
SUB-TOTAL									
D	Plant poles	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1	11m Wood 160-180mm tops	e.a.	30		30				
2	11m Wood 180-200mm tops	e.a.	30		30				
SUB-TOTAL			60		60				

E	HV Structures	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1	Int ass vertical (1-10 deg)	e.a.	10		10				
2	Int ass stag vertical (0 deg)3ph	e.a.	20		20				
3	T-off ass int vert	e.a.	10		10				
4	Susp ass vert (10-30 deg)	e.a.	10		10				
5	Strain ass vertical (30-90 deg)	e.a.	10		10				
6	Terminal ass vert	e.a.	10		10				
7	In-line strain vert	e.a.	10		10				
SUB-TOTAL			80				R 0,00	R 0,00	0
F	MV Stays	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1	1 Off conv anchor	e.a.	3		3				
2	1 Off flying stay	e.a.	1		1				
3	1 Off strut pole 12m	e.a.	1		1				
SUB-TOTAL									
G	Spigot and Arm	Unit	MQty		LQty	LRate	Mtotal	Ltotal	Total
1	spigot and arm of street lights	e.a.	Number depends on the 30m span		Number depends on the 30m span				
SUB-TOTAL			0						R -
H	MV Stays	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1	1 Off conv anchor	e.a.	15		15				
SUB-TOTAL									
I	METERING KIOSKS	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1A	Kiosks three phase installation including cable above ground level.	e.a.	4		4				

SUB-TOTAL									
J	Stringing	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1	Fox conductor	m			0				
2	35 mm sq ABC 3-ph	m	Number depends on the 30m span		Number depends on the 30m span				
3	MV Fox full tension joint	e.a.	45		45				
4	Street light joint 35 mm full tension	e.a.	60		60				
SUB-TOTAL									

K	Transformer Installation	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
	Transformers: 22kV								
1	50kVA x 3 Ph (0 off) - new (transformers to be paid by the client Client)	ea	2	To be provided by client	2		To be provided by client		
SUB-TOTAL									
L	LV Protection Morsdorf type fuses	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1	80 A	e.a.	10		10				
2	80A Three phase (50kVA)	e.a.	6		6				
SUB-TOTAL									
M	Installation Earthing	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1	MV Earthing (Type 1 crowfoot)	e.a.	10		10				
2	Bonding	e.a.	10		10				
SUB-TOTAL									
N	Pole Numbering	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1	MV pole number	e.a.	Depends on 30m span		Depends on 30m span				
SUB-TOTAL									
O	Commissioning	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1	Test & commission trsf and MV equipment	e.a.	2		2				
SUB-TOTAL									
P	Other	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1	Drop-out fuses three phase	ea	4		4				

2	Drop-out fuses dual phase	ea	0		0				
3	Live Work (Number of T-Offs)	ea	2		2				
4	Ant-climbing device	ea	4		4				
5	Tree felling (trunk diameter > 300mm)	ea	0		0				
SUB-TOTAL									
Q		Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
STREETLIGHTS									
1	Galvanised steel poles 13.7 steeped curved type both sides for 5km (Total Height) & 13m mounting height complete with Spigot, Glandplate & 5A breaker for both sides right and left hand side(Number of poles will depend on the 30metres span	ea							
2		0 ea							
3	13,7m galvanised steel ,stepped curved street lights pole Luminaries (complete with all accessories) or Equivalent to ip65 led 100w to 200w.	ea	depend on 30m span		depend on 30m span				
SUB-TOTAL									
R	LV Conductor (Supply Cable)	Unit	MQty	MRate	LQty	LRate	Mtotal	Ltotal	Total
1	4mm sq Airdac SNE plus Pilot wires	m	600000		600000				
2	10mm sq Airdac SNE plus Pilot wires	m	600000		600000				
SUB-TOTAL									

		TSHIKEVHA TO SIBASA STREET LIGHTS CALTEX		
Item		Amount		
	DISCRIPTION	MATERIALS	LABOUR	TOTAL PRICE
A	Preliminaries & General and Design cost			
B	Pegging out the works			
C	Digging Holes			
D	Plant poles			
E	HV Structures Three Phase			
F	MV Stays			
G	LV Structures			
H	LV Stays			
I	Metering Kiosks	N/A		
J	Stringing			
K	Transformer Installation	N/A		
L	LV Protection			
M	Installation Earthing			
N	Pole Numbering			
O	Commissioning			
P	Other			
Q	Street Lights			
R	LV Conductor (Supply Cable)			
TOTAL				
SUB TOTAL 1				
SUB TOTAL 2 EXCL VAT.				
15% VAT				
TOTAL INCL. 15% VAT				