



**NEC3 Engineering and Construction Short Contract**

**Third Part – Technical Requirement  
Free State Operating Unit**

**Enquiry Number:** KZN051

**Tenderer Name:**

**Closing date:** 25 November 2022

### 1. Mandatory Technical Criteria and Returnable – Stage 1

Table 1 stipulates the Mandatory Criteria and required returnable to be submitted in the tender application. Failure to provide the stipulated evidence will result in submission disqualification and the evaluation will not be considered. Mandatory requirements listed on **Table 1**. There is no scoring linked to these Criteria requirements. A Yes or No result will be allocated. It is Compulsory the tender submission achieve “Yes” allocation for all mandatory requirements listed on the table below in order to proceed to stage 2. If a “No” is allocated to one or more criteria then the submission will be considered non-responsive and will be disqualified.

Table 1: Mandatory Criteria and Returnable				
Item	Criteria	Criteria Detailed Requirements	Returnable	Yes/No
1	Profession body Registration	Accreditation	Registration Letter with Department of Labour Electrical	
2.	LDV or Double Cab or such Vehicle	Minimum 500 kg (0.5 Ton) and lesser than 4 Tons.	Proof of ownership on the Vehicle Registration or meet requirements to hire from recognized service provider. Supporting Document be attached,	
3	Truck with Crane	Truck equipped with minimum 3Ton crane	Proof of ownership on the Register or proof of hiring Evidence for 1 Crane Truck required	
4	MV Line Construction Human Resource	Proof of MV Line Construction (ELW002 to ELW010) Training certificate per Supervisor(Team Leader) or, Line Mechanic Qualification	Training Certificates for a minimum of 1 Person for MV <b>Certificate:</b> This evidence is for a resource that has done only the MV Training Certified Supporting Document submitted	
5	Human Resources	Organogram	The Company structure showing positions and teams in the company.	

**\*Note 1:**

- “Line Construction Resources” refers strictly to resources employed in the tendering company that have achieved the required, accredited training on the subject. That his/her name is on the Company’s Organogram.
- Competency will be evaluated **According to Table 2**

Note: the evidence may be for one person or more than one contractor employee.

### 2. Functional Criteria and Returnable - Stage 2

Proof must be included in the tender submission for the following:

- Training
- Vehicles
- Tools and Equipment

Evaluation of proof submitted points allocated accordingly. If requirement is not submitted, there will be no point allocation. Final scores in percentage%. The pass percentage is 75% being the Average all 3 Categories.

- Skills and Competency Requirements minimum points 48 equals to 75%
- Vehicle Criteria and Returnable minimum points 22.75(Rounded to 22) equals to 75%
- Tools and Equipment Criteria and Returnable minimum points 27,75(Rounded27) equals to 75%

Table 2 Skills and Competency Requirements					
Item	Scope	Training Requirements	Authorization and Qualification	Weight	Score
2.1	Network Operating	ORHVS training requirements per relevant outcome as per Outcome2 Authorization to take Handover under Supervision.	Requirements for Outcome 4a <ul style="list-style-type: none"> <li>•Basic Fire Fighting</li> <li>•Supervision in electrically hazardous areas</li> <li>•High-Voltage Environment and Regulations Awareness (First timers only)</li> <li>•Understanding the fundamentals of Electricity (If not a qualified electrician or technician)</li> <li>•Medical Certificate</li> <li>•Risk Assessment</li> <li>•Select, use, and care for electrical measuring instruments (If not a qualified electrician or technician or electric line mechanic)</li> <li>•Equipotential Earthing</li> <li>•HV04: Appointed Operator</li> </ul>	10	
2.2	Oversee work execution	Ensure safety of fellow workers	Supervision Certificate ELW 001 from recognized Service Provider	6	
2.3	Site Management	Hazard Identification and Risk Assessment.	HIRA Certificate from recognized Service Provider	6	
2.4	Work place preparations	Application of working Earth Gear (Equipotential)	Equipotential Earthing (OL2002) Certificate from a recognized Service Provider	8	
2.5	Fall Arrest System	Safe use of Working from Heights Systems(WFH002) Rescue Module	Proof of training/Certificate from recognized Service Provider	8	
2.6	Product Awareness	Electrical Awareness/Electrical theory/Trade Test.	Certification from Accredited Service provider N-Stream qualification	8	
2.7	MV Line Construction Resources	Proof of MV Line Construction (ELW002 to ELW010)	Certificate/Proof from recognized Service Provider	8	
2.8	Legislative Regulations	Operating Regulations High Voltage 04	ORHVS Certificate from a recognized Service Provider	10	
			<b>Total</b>	<b>64</b>	

64points is equal to 100%

$75/100 \times 64 = 48$  marks

75% is required to Qualify.

For the whole evaluation to comply at least an average of 75% for each category is a requirement to qualify.

Allocation of score will be either 0 or full score there is no partly compliant is compliance or not

### 3. Functional Criteria - Vehicles

This section stipulates Vehicle requirements:

- The criteria (i.e. the list of vehicle requirements) are stated in Table 3 below.

- b) The requirement is to demonstrate access to the listed vehicles through either ownership or hiring.
- c) The returnable will be as follows:
- Return a completed Vehicle List stated in Table 3, indicating on the submission if the vehicle is owned or can be hired.

AND

- If the vehicle is to be **hired** then for proof of qualifying/eligible to hire be submitted. The letter will be accepted if it is issued from recognized vehicle hiring companies or suppliers. The lessor shall endorse the agreement.

**Table 3: Vehicle Criteria and Returnable**

Item	Criteria	Qua	Returnable	Weight	Score
3.1	Truck with minimum 3Ton mounted Crane		Proof of ownership on Vehicle List, Certificate of Registration of vehicle and Crane Load Test certificate that matches vehicle. OR Indication of qualifying to Hire from a credible supplier	14	
3.2	Vehicle for transporting staff (e.g. minibus, double cab van, bus, etc.)		Proof of ownership on Vehicle List and Certificate of Registration.	5	
3.3	Pole Trailer or Horse and Trailer vehicle suitable for transporting Distribution Wood Poles***		Proof of ownership on Vehicle List and Certificate of Registration/ Proof of hiring on vehicle list and Hire Letter from Bona Fide hiring company to be included if hired.	3	
3.4	LDV or similar (such as pick-up truck or light truck with a basin or load bin)		Proof of ownership on Vehicle List and Certificate of Registration/ Proof of hiring on vehicle list and Hire Letter from Bona Fide hiring company to be included if hired.	11	
			Total	33	

33marks is equal to 100% pass mark is

$75/100 \times 33 = 22.75$  marks rounded to 22 marks.

75% is required to meet.

NB! Allocation of score will be either 0 or full score there is no partly compliant is compliance or not

**Qua=Quantity. Minimum requirement is one it does not mean if there are two items the score will double. The score stay the same as allocated. Poles Transpotation should be done with the compliance of the traffic laws. The score allocation is either all or nothing.**

**Table 4: Tools and Equipment Criteria and Returnable**

Item	Tool	Weight	Score	Item	Tool	Weight	Score
4.1	Hand Drilling equipment	1		4.09	Crimping Tools 4PI MV	2	
4.2	Compactor mechanical/hand	3		4.10	Man Lift Bucket & load test certificate or Ladders & test certificate or Climbing shoes (pairs)	4	
4.3	Wood augers hand/electrical/petrol	1		4.11	Nylon or Chain slings	2	
4.4	Conductor MV and LV roll out blocks	1		4.12	Lever /Ratchet hoists	3	
4.5	2 x sets of Yellow Earths & electrical test certificate	6		4.13	Come along for bare conductors/ Come along for insulated LV ABC	2	
4.6	Multi-meter and Test Certificate/	1		4.14	FAS & rescue equipment and inspection certificate	3	
4.7	Link Sticks & test certificate, Testing Equipment (HV direct Contact Type Tester	5		4.15	Dynamometer	1	
4.8	Earth leakage/Polarity tester	1		4.16	Earth resistance tester	1	
<b>A</b>	<b>Column Total</b>	<b>19</b>		<b>B</b>	<b>Column Total</b>	<b>18</b>	
					<b>Grand Total A+B</b>	<b>37</b>	

37point is equal to 100% pass mark is

$75/100 \times 37 = 27,75$ marks(Rounded to 27points)



75% is required to meet.

NB! Allocation of score will be either 0 or full score there is no partly compliant is compliance or not

#### **4. Site Validations**

Eskom reserves the right to validate (Authenticate) the evidence submitted during the tender process via a site inspection at the contractor premises or a suitable project site. The inspections will be carried out before or after tender award. Eskom reserves the right determine the rules related to the selection of the bidders that will undergo the site inspections. The results of the site inspection will supersede the result of the tender submission if there is significant non-compliance identified.

#### **Approval of Technical Evaluation Criteria and Strategy:**

Name and Surname	Designation	Signature	Date
Ntsebeng Makana	Technical Support Manager		07/11/2022
Mxolisi.G.M.Makhubu	Officer Technical Support		07 November 2022