




TECHNICAL EVALUATION CRITERIA

33kV Chickadee line from Rouxville Substation to new Bophelo Substation (NW-STM-1606-2731-00004).

APPROVAL

Description	Name	Signature	Date
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1. INTRODUCTION

This document establishes the technical evaluation strategy for the Commercial enquiry to appoint a contractor for the distribution line works required for the 33kV Chickadee line from Rouxville Substation to new Bophelo Substation.

This document aims to specify the minimum requirements to evaluate the contractor's capability to technically be able to do the work and in no way prescribes the exact number of plant, equipment or tools to complete the work in the contracted timeframe. It is the contractor's responsibility after contract award to make provision for sufficient plant, equipment and tools to complete the work within the contracted timeframe.

2. REVISION HISTORY

Date	Rev.	Compiler	Remarks
April 2024	0	PJ Burger	First issue

3. TECHNICAL SCOPE

The works comprise of:

1. Construction of $\pm 33,975$ km Chickadee distribution line section from Rouxville Substation to Proposed Bophelo Substation site. This line will be constructed with 33kV insulators and operated at 22kV.
2. Construction of $\pm 2,944$ km Hare distribution line section from Bophelo Substation proposed Site to Zastron substation. This line will be constructed with 22kV insulators and operated at 22kV.
3. Including 31m transfer bar at Rouxville Substation with load break switch and Load break switch bypass at Zastron Substation.
4. Install 40 servitude gates along the new line route at positions confirmed with the CNC

4. DEFINITIONS & ABBREVIATIONS

Definition	Explanation
Mandatory Criteria	Mandatory criteria (gatekeepers) are 'must meet' criteria. These criteria shall not be weighted, or point scored but shall be assessed on a Yes/No basis as to whether or not the criteria are met. An assessment of 'No' against any criterion shall technically disqualify the tenderer and shall not be further evaluated against Functional Criteria.
Functional Criteria	Bids meeting the Mandatory Evaluation Criteria will be evaluated against the Functional Evaluation Criteria to allocate an evaluation result (score). Only those submissions achieving a score meeting or exceeding the defined threshold will be considered for further processing.
Enquiry Returnable	Items stipulated in the Tender Enquiry, defined as mandatory and functional, to be submitted as part of the tender submission. Also known as evidence.
Non-scoring /Informational Evidence	Additional evidence required either during tender stage or contract award stage which is not scored and will not affect the final score allocated to the submission.

Abbreviation	Meaning
MV	Medium Voltage (above 1kV up to 33kV)
DCP	Dynamic Cone Penetrometer
LDV	Light Duty vehicle
DTH	Down The Hole/Blast hole drilling
CV	Curriculum Vitae
SACPCMP	South African Council for the Project and Construction Management Professions
SAQA	South African Qualifications Authority

5. TECHNICAL STRATEGY

The evaluation strategy and supporting criteria described in the following sections will be used to evaluate the technical capability of qualifying bids.

The technical evaluation process will follow a chronological order which will start with Stage 1, namely mandatory requirements. If all Stage 1 requirements have been satisfied then the evaluation will proceed to Stage 2, which is the evaluation of the predefined functional requirements.

All functional criteria will be scored, and a threshold will be set for stage 2. If the stage 2 threshold is met, then the qualifying bids will be processed further for selection.

Stage 3 will include non-scoring/informational criteria to be assessed at contract award stage.

6. STAGE 1: MANDATORY CRITERIA AND RETURNABLE

If the Mandatory requirements **ARE NOT MET**, then the evaluation will **NOT PROCEED** further.

If the Mandatory requirements **ARE MET**, then the evidence will be used for scoring in the Functional Evaluation.

TABLE 1: MANDATORY CRITERIA AND RETURNABLE			
No	Criteria	Returnable	Minimum Requirements
1	Contractors Experience & Workload Registers	<u>Completed, Dated and signed</u> Contractor's Experience Register (see template in Annexure F) signed by the Managing Director/CEO/Owner.	Completed Contractors Experience Register with Minimum of 2 related MV Line Construction Projects Required. Further scoring of register to be done under functional criteria. Refer to Note item no 1 below.
2	Company Organogram – Technical Team	1 x <u>Completed, dated and signed</u> Organogram of the Technical Team signed by the Managing Director/CEO/Owner	Refer to Note item no 2 below.
3	Compliance to Eskom Method Statements	1 x <u>Completed, dated and signed</u> Acknowledgement of Method Statements (see template in Annexure A)	Refer to Note item no 3 below.
4	MV Line Tools & Equipment Registers	<u>Completed, Dated and signed</u> MV Line Tools and equipment List by the Owner/Managing Director/CEO (see templates in Annexure C) signed by the Managing Director/CEO/Owner.	Completed MV Line Tools & Equipment Register. Scoring of register to be done under functional criteria. Refer to Note item no 4 below.
5	MV Line Vehicle and Plant Register	<u>Completed, Dated and signed</u> Vehicle Register in the required template by the CEO/Managing Director/Owner (see template in Annexure D) signed by the Managing Director/CEO/Owner.	Completed MV Line Vehicle & Plant Register. Scoring of register to be done under functional criteria. Refer to Note item no 5 below.

TABLE 1: MANDATORY CRITERIA AND RETURNABLE			
No	Criteria	Returnable	Minimum Requirements
6	MV Line Construction Team	2 x Completed and signed CVs of qualified resources (See Annexure E) AND Copies of related Training Certificate(s) and qualifications AND Either Affidavit confirming employment of resource (see Annexure B) or Employment contract.	Refer to Note item no 6 below.
7	MV Authorisation (FS Only)	1 x "Outcome 3 Authorized person" for MV Work AND Training certificates required for outcome 3 on portfolio of evidence. Note: Permit cards will not be accepted as valid evidence CV of authorised person (See Annexure E) AND Copies of related Training Certificate(s) and qualifications AND Either Affidavit confirming employment of resource (see Annexure B) or Employment contract.	Refer to Note item no 7 below.

Note 1: MANDATORY CRITERIA AND RETURNABLE

1. MV Line Contractors Experience & Workload Registers:
 - 1.1 Contractors Experience & Workload Registers: Shall demonstrate compliance with the requirements of **Table 1 above** and **Section 7.4** under Functional Criteria
 - 1.2 If the Contractors Experience and Workload registers are not dated, signed and incomplete they will not be accepted as valid evidence.
 - 1.3 Refer to Annexure F for the Contractors Experience & Workload Register Templates.
 - 1.4 "Completed" means that the company name and other company information are filled in, AND relevant tables in the MV Line Contractor's Experience Registers contain information and are not left blank.
2. Company Organogram – Technical team:
 - 2.1 Include names and /or ID numbers of the company owner(s), vehicle owner(s), MV Line construction staff as listed in TABLE 1 and TABLE 3, for Skills and Training requirements.
 - 2.2 **Important note:** If the organogram is not dated, signed and incomplete by the required signatories as stated in **TABLE 1: MANDATORY CRITERIA AND RETURNABLE**, it will not be accepted as valid evidence.
 - 2.3 "Completed" means that the company name and other company information are filled in, AND the Organogram contains relevant information and is not left blank.

3. Compliance to Eskom Method Statements: The acknowledgement waives the requirement for the contractor to write generic safe work procedures at tendering stage. Refer to *Annex A: Acknowledgement of Method Statements* for the letter template.
4. MV Line Tools & Equipment Registers:
 - 4.1 MV Line Tools & Equipment Registers: Shall demonstrate compliance with the requirements of **Table 1 above** and
 - 4.2 If the MV Line tools lists are not Dated, signed and incomplete, they will not be accepted as valid evidence.
 - 4.3 Refer to Annexure B for the *MV Line Tools and Equipment Register* Template.
 - 4.4 “Completed” means that the company name and other company information are filled in, AND relevant tables in the Contractor’s Experience Registers contain information and are not left blank.
 - 4.5 If the submission proceeds to Stage 2, the same register will be used for scoring. An additional copy of the register for scoring purposes is not required.
5. MV Line Vehicle and Plant Register:
 - 5.1 Vehicle and Plant Register: Shall demonstrate compliance with the requirements of **Table 1 above**
 - 5.2 If the Vehicle and Plant Registers are not dated, signed and incomplete they will not be accepted as valid evidence.
 - 5.3 Refer to Annexure D *Vehicle Register* Template.
 - 5.4 “Completed” means that the company name and other company information are filled in, AND relevant tables in the MV Line Vehicle and Plant register contain information and are not left blank.
6. MV Line Construction resources refer strictly to resources employed as part of the construction team in the tendering company and assigned to this specific project that have achieved the required, accredited training on the subjects.
 - 6.1 The resource shall have minimum training as stipulated in 6.6 below. All related work experience to be captured on the submitted CV.
 - 6.2 Copies of all training certificates and qualifications **shall be certified** by a Commissioner of Oaths **clearly legible and certified not older than three months** from the date of tender close. The Commissioner’s details, with signature and date **must be clearly visible**.
 - 6.3 Tenderers are to ensure that all copies of technical returnable/s are clear and legible. Copies deemed **NOT TO BE CLEARLY LEGIBLE** will **NOT BE ACCEPTED** as evidence
 - 6.4 MV Line Construction resources refers strictly to resources employed in the tendering company that have achieved the required, accredited training on the subject.
 - 6.5 Certificates issued for the attendance of Awareness/Coaching/Workshops interventions for MV Line Construction are not compliant to the training standard and will not be accepted.
 - 6.6 The training curriculum will be evaluated against the following requirements:

- 6.6.1 MV Line Construction modules to have been achieved will be all modules from ELW002 to ELW010 (both inclusive).
- 6.6.2 Electrical Line Mechanic Qualification achieved under SAQA Qual ID 91781 or QCTO, in full or in part where the part qualification is for MV and LV Power Line Construction Practitioners.
- 6.6.3 Eskom EAL Mersey KZN OU certificates issued for “MV LV line construction assessment” will be accepted.
- 6.6.4 The above stated training shall only be achieved through accredited training, offered by an accredited facilitator that is listed on the National Facilitators Database.
- 6.7 Training Certificates: Training certificates for the provided training shall be submitted as evidence. A complete set of certificates for each resource shall be provided.
- 6.8 If the certificate(s) does not clearly indicate the modules as stated in 6.6.1 above, then submit the detailed content for the course(s) attended.
- 6.9 Should the Tenderer not employ staff with the MV line construction training, then the Tenderer shall submit a contractual agreement with an organization/s or individual/s which meet the required criteria.
- 6.10 Affidavit: Affidavit submitted must be completed and submitted as confirmation of employment of the resources named on the certificates, at the tendering company, during the tender period. Refer to Annexure B for the Affidavit Template. The affidavit template provided must be used as the returnable.
- 7. MV Authorisation resources refers strictly to resources employed in the tendering company, or sub-contracted by the tendering company, that have achieved the required, accredited training on the subject.
 - 7.1 All related work experience to be captured on the submitted CV.
 - 7.2 Copies of all training certificates and qualifications **shall be certified** by a Commissioner of Oaths **clearly legible and certified not older than three months** from the date of tender close. The Commissioner’s details, with signature and date **must be clearly visible**.
 - 7.3 Tenderers are to ensure that all copies of technical returnable/s are clear and legible. Copies deemed **NOT TO BE CLEARLY LEGIBLE** will **NOT BE ACCEPTED** as evidence
 - 7.4 Tenderers shall submit current MV Authorisations and training completed according to Portfolio of Evidence training matrix for a “Authorized Person” (Outcome 3). (Current meaning valid and not expired at tender closing date)
 - 7.5 Tenderers’ Authorizations and Relevant Training Data shall be reviewed and evaluated after the Technical Evaluation has been completed. This will be a separate process for only those successful Tenderers who have passed the technical evaluation stages.
 - 7.6 Training Certificates: Training certificates for the provided training shall be submitted as evidence. A complete set of certificates for each resource shall be provided.
 - 7.7 Should the Tenderer not employ staff with the required Authorization training, then the Tenderer shall submit a contractual agreement with an organization/s or individual/s which meet the required criteria.
- 8. Tenderers shall not modify the template forms / tables in any manner. Only the relevant data is to be populated in the template forms / tables (refer to templates provided in the various Annexures at the

end of this document. Modification of the forms / tables will lead to exclusion of the data which will impact final scoring.

9. Submissions that contain suspected fraudulent evidence will be referred to the appropriate forensic departments for further investigation.

7. STAGE 2: FUNCTIONAL CRITERIA AND RETURNABLE

The evidence will be assessed, and scores will be allocated accordingly. There are no part marks allowed. Note that the stipulated criteria do not represent the full extent of training, tools and equipment required for the execution of the works. The full requirements must be defined and fulfilled by the appointed contractor.

The minimum threshold is set at 75%.

Copies of all training certificates **shall be certified** by a Commissioner of Oaths **clearly legible and not older than three months** from the date of tender close. The Commissioner's details, with signature and date **must be clearly visible**.

The functional criteria will consist of 4 main sections and each section will be weighted as per the **TABLE 2**, below.

TABLE 2: SUMMARY OF FUNCTIONAL CRITERIA SECTIONS AND WEIGHTING		
No	Criteria Section	Weight
1	Skills and Training	30%
2	Tools and equipment	20%
3	Plant and Vehicles	20%
4	Related Work Experience	30%

The following evidence must be submitted by tender closing date

7.1 SKILLS AND TRAINING REQUIREMENTS

TABLE , below, lists the details of the skills and training requirements that will be evaluated.

TABLE 3: FUNCTIONAL CRITERIA AND RETURNABLE – SKILLS AND TRAINING					
No	Criteria	Returnable	Evidence Notes	Quantity	Weight
1	Truck Mounted Crane Operators	Training certificates or permit demonstrating operator training for cranes mounted on a truck (e.g., C32 or F32) AND Either Affidavit confirming employment of resource (see Annexure B) or Employment contract. OR Proof of hiring of operator when hiring the crane truck.	If the Crane Truck in the vehicle evidence is hired from a Bona Fide hiring company, an operator may be hired with the crane. The hiring letter must clearly state the number of truck mounted crane operators available for hire. Otherwise, the person(s) listed here need to be part of the construction team as indicated on the submitted Company organogram.	Minimum: 1 Maximum: 3 Only scoring maximum not maximum required for works.	10% for first and 7.5% for following up to a 25% maximum mark
2	Basic rigging	Basic Rigging Training Certificate	A certified copy of the resources training certificate. The certificate must state the training objective achieved as Basic Rigging. The certificate must be valid and must not have expired prior to tender closing. Training course to be SAQA registered. The person(s) listed here need to be part of the construction team as indicated on the submitted Company organogram	Minimum =1	25%
3	Mechanical Machinery Operator (Auger, Percussion Drill, Excavator, Front end Loader etc.)	Training Certificate	A copy of the resources training certificate. The certificate must be valid and must not have expired prior to tender closing.	Minimum = 1	25%

TABLE 3: FUNCTIONAL CRITERIA AND RETURNABLE – SKILLS AND TRAINING					
No	Criteria	Returnable	Evidence Notes	Quantity	Weight
4	“Professional Construction Manager” PrCM Trained Resource	<p>A copy of appointed Construction manager’s CV (See Annexure E), Certified Letter of Registration PrCM</p> <p>AND</p> <p>Either Affidavit confirming employment of resource (see Annexure B) or Employment contract.</p>	<p>The minimum requirements for the qualification and experience are:</p> <p>Construction Manager shall be in possession of a “Professional Construction Manager” (PrCM) registration, issued by the South African Council for the Project and Construction Management Professions (SACPCMP).</p> <p>The person(s) listed here need to be part of the construction team as indicated on the submitted Company organogram</p>	Minimum = 1	25%

Note 2: SKILLS AND TRAINING REQUIREMENTS

1. Truck Mounted Crane Operators:
 - 1.1 Training certificates or permit demonstrating operator training for cranes mounted on a truck (e.g., C32 or F32) or proof of hiring of operator when hiring the crane truck.
2. Mechanical Machinery Operators (Auger, Percussion Drill, Excavator, Front end Loader etc)
 - 2.1 Training certificates or permit demonstrating operator training for mechanical machinery operator (Auger, Percussion Drill, Excavator, Front end Loader etc) or proof of hiring of operator when hiring the required machinery.
3. Basic rigging
 - 3.1 Training certificates or permit demonstrating operator training for Basic rigging or better operator) or proof of hiring of operator.
4. The Construction Manager shall be in possession of a “Professional Construction Manager” (PrCM) registration, issued by the South African Council for the Project and Construction Management Professions (SACPCMP).
 - 4.1 . All related work experience to be captured on the submitted CV.
 - 4.2 Copy of letter of registration shall be certified by a Commissioner of Oaths clearly legible and certified not older than three months from the date of tender close. The Commissioner’s details, with signature and date must be clearly visible.
 - 4.3 Affidavit: Affidavit submitted must be completed and submitted as confirmation of employment of the resources named on the certificates, at the tendering company, during the tender period. Refer to Annexure B for the Affidavit Template. The affidavit template provided must be used as the returnable.
5. Copies of all training certificates and affidavits **SHALL BE CERTIFIED** by a Commissioner of Oaths **CLEARLY LEGIBLE AND CERTIFIED NOT OLDER THAN THREE MONTHS** from the date of tender close. The Commissioner’s details, with signature and date must be **CLEARLY VISIBLE**.
6. Tenderers are to ensure that all copies of technical returnable/s are clear and legible. Tenderers are to ensure that all copies of technical returnable/s are clear and legible. Copies deemed **NOT TO BE CLEARLY LEGIBLE** will **NOT BE ACCEPTED** as evidence and will not be accepted.

7. Tenderers shall not modify the template forms / tables in any manner. Only the relevant data is to be populated in the template forms / tables (refer to templates provided in the various Annexures at the end of this document. Modification of the forms / tables will lead to exclusion of the data which will impact final scoring.
8. Submissions that contain suspected fraudulent evidence will be referred to the appropriate forensic departments for further investigation.

7.2 TOOLS AND EQUIPMENT REQUIREMENTS

- a) The criteria (i.e., the list of tools and equipment requirements)
- b) The requirement is to demonstrate access to the listed tools and equipment either through ownership or hiring.
- c) The returnable will be as follows:
 - Return the **COMPLETED, DATED AND SIGNED** Tools and Equipment lists (see Annexure C) which includes all items stated in following tables, indicating on the submission if the item is **owned** or being **hired**,
 - **AND** if the item is being hired then for proof of hiring is required. Include a letter from a hiring company stating the items that are being hired (i.e., all items in the table or the specific items that are being hired). The letter issued will only be accepted if it is issued from a recognized tool hiring companies or suppliers; letters from Construction Companies will not be accepted. The hiring letter shall be signed by the lessor (hiring company representative).
 - The Returnable/s shall be completed, dated and signed off by the Company Managing Director / Chief Executive Officer / Owner.
 - Tenderers shall not modify the forms / tables in any manner. Only the relevant data is to be populated in the template forms / tables (refer to Annexure C for the templates). Modification of the forms/tables will lead to exclusion of the data which will impact final scoring

Note 3:

- If the tool list is not signed, it will not be accepted as valid evidence.
- If the tool does not meet the minimum number, it will not receive any score for that particular item
- **Company asset registers will not be accepted as valid evidence.**

TABLE 4: FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS & EQUIPMENT REGISTER			
No	Equipment Description	Minimum Quantity	Score
1	Hydraulic conductor cutter	1	2%
2	Cable/Conductor drum trestle (Braked)	1	2%
3	Thermometer	1	2%
4	Dynamometer	2	2%
5	Tension stringing gear: (min. 1.2m dia.) Tensioner (4kN min.)	1	3%
6	Tension stringing gear (min. 1.2m dia.) Puller with dynamometer	1	3%
7	Theodolite & accessories	1	3%
8	Automatic level & accessories	1	3%
9	Dynamic Cone Penetrometer (According to D-DT-7951)	1	2%
10	General construction set (Picks, Shovels, Wheelbarrows, Hand Compactors)	1	2%
11	Mechanical Compactors (Trenches (Wacker) & Small Hydraulic compactor)	1	2%

TABLE 4: FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS & EQUIPMENT REGISTER			
No	Equipment Description	Minimum Quantity	Score
12	Wood augers hand/electrical/petrol	1	2%
13	Crimping Tools 4PI MV	1	2%
14	Compressor (with jackhammers)	1	2%
15	Portable earths 16mm ² (Working - Lines)	2	2%
16	Safety Tester (Contact type tester)	1	2%
17	Earthing Stick / Telescopic Link stick	1	2%
18	Earth resistance tester with suitable wires (wires at least 100m)	1	2%
19	SLINGS (Steel, chain and canvas – Min. 1.5T)	6	2%
20	Stay wire Grip (Steel)	6	2%
21	Conductor Grip (Al) (10mm-36mm)	6	2%
22	Pulling Eye - 45kN	3	3%
23	Lever Hoists - 1.5T	3	2%
24	Lever Hoists - 5T	3	2%
25	D-Shackles (containing SWL)	12	2%
26	Snatch blocks	2	2%
27	Guide / pilot rope	3 km	3%
28	Stringing wheels / Conductor pulleys (Min.dia 600mm)	30	2%
29	Stringing wheels / Conductor pulleys (Min.dia 300mm)	30	2%
30	Swivels	6	2%
31	100Ton Compression Tool	1	2%
32	Die Set for phase conductors	1	2%
33	Generator	2	2%
34	Ladders (Extension & Hook) 8-9m	1	2%
35	Toolbox with general tools (Spanners, Pliers, cutters, screwdrivers, tape measure etc.)	1	2%
36	Hammers Min. 1800g	2	2%
37	Bolt-cutter Med.	1	2%
38	Strapping tool	1	2%
39	Torque Wrench 30-150Nm	1	2%
40	Jacks & Props	1	2%
41	Crowbar -1 per team	1	2%

TABLE 4: FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS & EQUIPMENT REGISTER			
No	Equipment Description	Minimum Quantity	Score
42	Chainsaws	1	2%
43	Handheld radios	2	3%
44	Hand lines -1 per team	1	2%
45	Straight Level min 1.2m	1	3%
46	Water pump (for Dewatering)	2	2%

7.3 VEHICLE AND PLANT REQUIREMENTS

- a) The criteria (i.e., the list of vehicle requirements)
- b) The requirement is to demonstrate access to the listed vehicles either through ownership or hiring.
- c) The returnable will be as follows:
 - Return a **COMPLETED, DATED AND SIGNED** Vehicle and Plant List in Annexure D which includes all items stated in the table below, indicating on the submission if the vehicle is **owned** or being **hired**.
 - Vehicles indicated as Owned will need to be further substantiated by providing the Vehicle Owner's information and position in the tendering company. If the vehicle owner does not hold a position in the company, then the vehicle will not be considered "owned"
 - **AND** if the vehicle is being hired, then for proof of hiring is required. Include a letter from a hiring company stating the items that are being hired (i.e., all items in the table or the specific items that are being hired). The letter issued will only be accepted if it is issued from a recognized vehicle hiring companies or suppliers; letters from Construction Companies will not be accepted. The hiring letter shall be signed by the lessor (hiring company representative).
 - The Returnable/s shall be signed off by the Company Managing Director / Chief Executive Officer / Owner.
 - Tenderers shall not modify the form/table in any manner. Only the relevant data is to be populated in the template forms / tables (refer to Annexure D for the template). Modification of the forms/tables will lead to exclusion of the data which will impact final scoring.

Note:

- If the vehicle register is not signed, it will not be accepted as valid evidence.
- Company asset registers that are not compliant with the vehicle listing contained in Annexure D, will not be accepted as valid evidence.
- A Double Cab Bakkie may be used to transport employees, but only to the maximum carrying capacity for passengers, and tools & equipment up to its load carrying limit may be carried. In such instances, no major line construction material such as poles, or transformers may be carried.

TABLE 5: FUNCTIONAL CRITERIA AND RETURNABLE – VEHICLE & PLANT REGISTER

No	Vehicle / Plant Type & Description	Quantity	Score
1	Tractor-Loader-Backhoe (TLB) or similar	Minimum: 1	17%
2	Truck with suitable Vehicle Mounted Crane (with aerial device) - Minimum 18m reach and 3 ton lifting capacity	Minimum: 1 Maximum scoring: 3	10% for first and 3.5% for following up to a 17% maximum mark
3	Vehicle with auger capability OR standalone auger -Capable of auguring holes to a depth of 2.4m for 18m 220mm top diameter poles	Minimum: 1	17%
4	Vehicle with rock drill capability OR standalone rock drilling machine -Capable of drilling holes to a depth of 2.4m for 18m 220mm top diameter poles	Minimum: 1	17%
5	Suitable Transport for workers ((LDV - Double Cab/Minibus) - Minimum 4-person capacity	Minimum: 1	16%
6	LDVs (Bakkie)	Minimum: 2	16%

7.4 CONTRACTOR'S RELATED WORK EXPERIENCE

- a) The template for recording related work experience is contained in Annex F.
- b) All columns in the template to be completed for a project to be taken into account. Incomplete or incorrect details captured will result in the work experience not being taken into account.
- c) The project scope shall include the following information about the line being constructed. The scope shall also clearly state what work was assigned to and completed by the contractor:
 - Line Voltage
 - Line Distance
 - Phase Conductor type
 - And if only a part of the line was completed by the contractor, then state the specifics such as foundation work/Structure assembly & erection/Tension stringing and regulating.
- d) Only MV Line related work experience's may be captured. The following criteria should be met for each listed project, if not the project will not be deemed related and excluded from the scoring
 - Construction of Overhead Power Line.
 - Voltage of 11kV to 33kV.
 - **New works** Scope of contractor's work to include Excavation, foundation works and/or assembly and erection of steel lattice/pole structures and/or tension stringing and regulating of phase conductor, stringing of earth wire and hardware.
 - Work to have been completed and handed over to the client.
- e) 20% will be awarded for each valid project listed. Thus, a maximum of 5 projects is needed to obtain a score of 100% for related work experience.
- f) The returnable will be as follows:
 - Return a **COMPLETED AND SIGNED** Contractor's related work experience register in accordance with the provided template in Annexure E which includes all project details and compliance with criteria stated above.
 - Listed projects will undergo verification and it is thus advisable to include alternative contact numbers for the Client and/or Project Manager if possible.
 - Return a signed Handover certificate as proof of completion if available as supporting evidence.
 - Tenderers shall not modify the form/table in any manner. Only the relevant data is to be populated in the template forms / tables (refer to Annexure F for the template). Modification of the forms/tables will lead to exclusion of the data which will impact final scoring.

Note:

- If the register is not signed, or the project does not meet the criteria stated above, or the project details are incomplete or incorrect, it will not be accepted as valid evidence.

Annexure A: Acknowledgement of Method Statements

Date: _____

Enquiries: _____ (Tel No.)

Tender Technical Evaluation Team Leader
Eskom Holdings SOC Ltd

Dear Sir/ Madam

Re: Acknowledgement of Method Statements

This Letter serves to confirm that our company acknowledges and will make use of Eskom's specifications and method statements and will where required provide Eskom with written method statements for site scope of works.

Our company acknowledges that the Eskom method statements are minimum guidelines and shall adapt these to suite the project specific requirements.

Yours Sincerely

Name: _____ (Company Owner)

Signature: _____ (Company Owner)

Company Name: _____

Annexure B: Affidavit Confirming Employment of Resource

I, _____ (full names),

ID Number: _____,

hereby confirm that I am currently employed at:

_____ (Tendering Company Name).

I solemnly declare that all the information contained herein is true.

Signature of Employee: _____

Sworn to/Affirmed before me at _____

on this the _____ day of _____ (month & year).

Commissioner of Oaths/Justice of Peace:

(Commissioner's details with signature and date)

Annexure C: MV Line tools and Equipment register

Company Name: _____

No	Equipment Description	Min Qty	Tick Appropriate Box		Qty
			OWNED	HIRED	
1	Hydraulic conductor cutter	1			
2	Cable/Conductor drum trestle (Braked)	1			
3	Thermometer	1			
4	Dynamometer	2			
5	Tension stringing gear: (min. 1.2m dia.) Tensioner (4kN min.)	1			
6	Tension stringing gear (min. 1.2m dia.) Puller with dynamometer	1			
7	Theodolite & accessories	1			
8	Automatic level & accessories	1			
9	Dynamic Cone Penetrometer (According to D-DT-7951)	1			
10	General construction set (Picks, Shovels, Wheelbarrows, Hand Compactors)	1			
11	Mechanical Compactors (Trenches (Wacker) & Small Hydraulic compactor)	1			
12	Wood augers hand/electrical/petrol	1			
13	Crimping Tools 4PI MV	1			
14	Compressor (with jackhammers)	1			
15	Portable earths 16mm ² (Working - Lines)	2			
16	Safety Tester (Contact type tester)	1			
17	Earthing Stick / Telescopic Link stick	1			
18	Earth resistance tester with suitable wires (wires at least 100m)	1			
19	SLINGS (Steel, chain and canvas – Min. 1.5T)	6			
20	Stay wire Grip (Steel)	6			
21	Conductor Grip (Al) (10mm-36mm)	6			
22	Pulling Eye - 45kN	3			
23	Lever Hoists - 1.5T	3			
24	Lever Hoists - 5T	3			
25	D-Shackles (containing SWL)	12			
26	Snatch blocks	2			

No	Equipment Description	Min Qty	Tick Appropriate Box		Qty
27	Guide / pilot rope	3 km			
28	Stringing wheels / Conductor pulleys (Min.dia 600mm)	30			
29	Stringing wheels / Conductor pulleys (Min.dia 300mm)	30			
30	Swivels	6			
31	100Ton Compression Tool	1			
32	Die Set for phase conductors	1			
33	Generator	2			
34	Ladders (Extension & Hook) 8-9m	1			
35	Toolbox with general tools (Spanners, Pliers, cutters, screwdrivers, tape measure etc.)	1			
36	Hammers Min. 1800g	2			
37	Bolt-cutter Med.	1			
38	Strapping tool	1			
39	Torque Wrench 30-150Nm	1			
40	Jacks & Props	1			
41	Crowbar -1 per team	1			
42	Chainsaws	1			
43	Handheld radios	2			
44	Hand lines -1 per team	1			
45	Straight Level min 1.2m	1			
46	Water pump (for Dewatering)	2			

DECLARATION: I hereby confirm that the tools list above is a true reflection of the tools owned or hired by my Company.

I will also ensure that all tools will be enough to cater for multiple full teams and tools that require calibration will have valid calibration certificates before the execution of work.

Name: _____ (Company Rep)

Signature: _____ (Company Rep)

Tendering Company: _____

Date: _____

Annexure D: MV Line Vehicle and Plant register

INSTRUCTIONS: 1. Indicate owned or hired in the columns below. 2. If "Owned", the registration documents will be requested prior to contract award. 3. If "Hired", then proof of hiring will be requested before contract award.			A	B
Mandatory Vehicle	Owned or Hired (Y where appropriate)		Is the Bakkie Double Cab? (Y/N)	Crane Load Lifting Capacity (in Tons)
	O	H		
TLB 1			N/A	N/A
Auger Vehicle 1			N/A	
Rock Drilling Machine			N/A	
People Carrier (e.g., bus, minibus etc)				N/A
LDV 1 (Bakkie)				N/A
LDV 2 (Bakkie)				N/A
Truck Mounted Crane 1			N/A	xx tons (Should be able to carry min 3tons at a radius of 18m or more)
Truck Mounted Crane 2			N/A	xx tons (Should be able to carry min 3tons at a radius of 18m or more)
Truck Mounted Crane 3			N/A	xx tons (Should be able to carry min 3tons at a radius of 18m or more)

DECLARATION: I hereby confirm that the vehicles list above is a true reflection of the vehicles owned or hired by my Company. I will also ensure that all vehicles will be enough to cater for multiple full teams.

Name: _____ (Company Rep) **Date:** _____

Signature: _____ (Company Rep) **Tendering Company:** _____

Annexure E: Typical CV

Requirement	CV Details				
Position					
Name					
Qualifications					
Employment History (Row 1 is for the current job. Captured the rest of the employment history in reverse chronological order)	Start Date	End Date	Company	Job Title	Reference Contact Details (Name & Number)
		Current			
Experience (Only evidence where the employee was appointed in the same position as stated above)	Year	Project Name	Client	Tasks as Supervisor	

DECLARATION: I hereby confirm that this evidence true reflection of the Construction Supervisors qualifications and experience.

Employee Signature: _____ Name of Tendering Company_____

Annexure F: Contractor’s Related Work Experience Register

Company Name & Company Registration Number: _____

No	Project Name	Structure Type	Scope	Project Value	Client	Client Contact Details	Client Contract Number	Duration
EG	XXXXXXX	Multi wood-pole or Steel Mono-pole or Steel Lattice	Line voltage, distance, conductor type, Foundation types	Rx xxx xxx	XXXXXXXX	+27 xx xxx xxxx	XXXXXXXXXXXXXX	Start Date and End Date
1								
2								
3								
4								
5								

DECLARATION: I hereby confirm that the Work Experience Register above is a true reflection of the actual related work experience of the Company.

Signature of Managing Director / Chief Executive Officer / Owner*

Company Managing Director / Chief Executive Officer / Owner* Name:
(*underline which is applicable) _____

Date: _____

Tendering Company: _____