



TECHNICAL EVALUATION CRITERIA SUBSTATION WORKS – ELECTRICAL WORKS FOR THE CENTRALEAST CLUSTER (FS & KZN OU)

1. INTRODUCTION

This document establishes the standard technical evaluation strategy for the Commercial enquiry to establish a prequalified list of contractors demonstrating the competency and capacity for the execution of Substation works – Electrical Works projects within the CentralEast Cluster (FS & KZN Operating Unit).

The project categories shall range from, strengthening, refurbishment, direct customer, microgrid and electrification projects.

2. REVISION HISTORY

Date	Rev	Compiler	Remarks
January 2023	0	M. Da Côte Carreira & M Seate	First issue
May 2023	1	M. Da Côte Carreira & M Seate	Clarification of Mandatory Requirements Table 1 item 2 page 4; Clarification of age limit for copies of documents certified by a Commissioner of Oath's, Paragraph 7 page 6 and item 10 page 16.
May 2023	2	M. Da Côte Carreira & M Seate	Column D added to the Table on Annex F: Vehicle Register
May 2023	3	M. Da Côte Carreira & M Seate	Clarification of the definition for "Completed" on the following items: • Table 1 item 1 page 3; • Table 1 item 4 page 4; • Table 1 item 5 page 4; • Note 2: Item 1.6 page 5; • Note 2: Item 2.6 page 5; • Note 2: Item 4.4 page 6; • Note 2: Item 5.4 page 6.

Date	Rev	Compiler	Remarks
November 2024	4	M Seate	i) Microgrid works included as a category under Technical Scope ii) Casting of power plant equipment foundations, jointing of foundation earth tails an installation of earth mat conductors included as types of substation primary plant electrical works iii) Affidavit Declaration Form Added in Mandatory Criteria and Returnable • Table 1 item 6; • Note 2 item 6; • Annexure G Affidavit Declaration Form Template. • All Returnable Registers. iv) Annexure H Tender's Resource List Template page 1-3 ("Organogram") for Resources to be Used on this Contract added. • Table 1 Item 2 • Note 2 Item 2 v) Inclusion of Completion Certificates and Letters of Contract Award added as required supporting evidence for Experience under stage 2 Functional Requirements. • Table 3 items 1 & 2 • Note 3 item 1.4 & 1.5 vi) The area of applicability for the HV/MV authorisation defined. -Note 5 item 1.2 vii) Skills and Training Item (Primary Plant Construction Resource and Training) split into 2 separate resources. The weight and scoring for the following items have been updated accordingly. • Table 4 items 2 and 3 • The Primary Plant Construction works resources defined - Note 5 Item 2.1 • The Primary Plant Construction resource defined where training certificates are required. -Note 5 item 2.4 viii) The following clauses have been updated relating to the requirements to sign in the presence of a Commissioner of Oaths / Justice of Peace • Item 7.3 sub-clause c) & f) as well as Item 7.4 sub-clause c) & g). ix) Renamed Annex F Column A, B & C titles updated

3. TECHNICAL SCOPE

The term Substation Works in this document is used to describe the following categories of work:

- a) **Substation Works** – Construction related to new “greenfield” substations, including all primary plant (electrical works for transformer bays, HV/MV feeder bays).
- b) **Substation Extension** – Extensions to existing substation, including all primary plant (electrical works for additional transformer bays, HV/MV feeder bays, reconfiguration of existing substation feeder bays), building works (new/additional control / relay / switch room/s, extensions, or modifications to existing control / relay / switch room/s
- c) **Substation Primary Plant Electrical Works** Construction related to existing substation primary plant electrical works, including all primary plant and control plant (complete transformer and HV/MV feeder bays).
- d) **Substation Building Works** – Construction related to building works (new control / relay / switch room/s)
- e) **Microgrid Works** – Construction related to Microgrid works, including the earthing and cable and LV installation.

The substation primary plant electrical works will include but not be limited to the following types of work which are included in the above listed categories.

- Casting of power plant foundations in existing substations
- Jointing of foundation earth tails to earth mat conductors.
- Installation and jointing of earth mat conductors.
- Installation of power plant equipment on steelwork structures
- Installation of power plant equipment conductors and clamps
- Installation of power plant equipment labels and substation fence labels
- Excavation and casting of cable trenches.
- Installation and testing of substation grid conductors.
- Laying of power plant and control plant cables
- Installation of control plant panels

4. DEFINITIONS

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.

5. TECHNICAL STRATEGY

The evaluation strategy and supporting criteria described in the following sections will be used to evaluate 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.

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.

Note 1: STAGE 1: MANDATORY CRITERIA AND RETURNABLE

The Tenderer shall comply with the Mandatory requirements are stated in *TABLE 1*, below.

The following evidence must be submitted by the tender closing date.

No.	Criteria	Returnable	Further Notes	Minimum Requirements	Compliance
1	Contractors Experience & Workload Registers Contractors Experience & Workload Registers (Continued)	<u>Completed and signed</u> Contractor's Experience Registers for (see templates in Annexure B) Signed by the Managing Director/CEO/Owner The required evidence must be contained in the Contractor's Experience Registers. No supplementary documentation will be considered. "Completed" means that the company name and other relevant information are filled in, AND relevant tables in the Contractor's Experience Registers contain information and are not left blank.	Refer to Note 2: item no: 1 below.	1 Primary Plant Construction Works Contractor's Experience Register – Minimum 3 related Substation Construction Projects Required (Primary Plant Electrical Works) AND 1 Building Construction Works Contractor's Experience Register – Minimum 2 related Substation Control / Relay / Switch Room Construction Projects Required (Building Works)	Yes
2	Tenderer's Resource List	1 x <u>Complete and signed</u> Tenderer's Resource List page 1-3 ("Organogram") for	Refer to Note 2: item no: 2 below.	1 x <u>Complete and signed</u> Tenderer's Resource List ("Organogram")	Yes

TABLE 1: MANDATORY CRITERIA AND RETURNABLE					
No.	Criteria	Returnable	Further Notes	Minimum Requirements	Compliance
		Resources to be Used on this Contract of the Technical Team signed by the Managing Director/CEO/Owner in the presence of a commissioner of Oaths / Justice of Peace. “Completed” means that the company name and other relevant information as per Note 2: item no 2 below are filled in, AND the Tenderer’s Resource List is not left blank. – Annexure H page 1- 3		Organogram of the Technical Team	
3	Compliance to Eskom Method Statements	Submission of Letter to acknowledge Eskom specifications and standards – Annex A	Refer to Note 2: item no: 3 below	Signed Annex A – Acknowledgement of Method Statements	Yes
4	Tools & Equipment Registers	<u>Completed and signed</u> Primary Plant Tools List (see templates in Annexure E) Signed by the Managing Director/CEO/Owner “Completed” means that the company name and other relevant information are filled in, AND relevant tables in the Tool List contain information and are not left blank.	Refer to Note 2: item no: 4 below	1 x Tools & Equipment Register	Yes
5	Vehicle and Plant Register	<u>Completed and signed</u> Vehicle Register in the required template (see template in Annexure F) Signed by the Managing Director/CEO/Owner “Completed” means that the company name and other relevant information are filled in, AND relevant tables in the Vehicle List contain information and are not left blank.	Refer to Note 2: item no: 5 below	1 Vehicle & Plant Register	Yes
6	Affidavit - Declaration Form	<u>Completed and signed Affidavit - Declaration Form in the required</u>	Refer to Note 2: item no: 6 below	1 Affidavit - Declaration Form	Yes

TABLE 1: MANDATORY CRITERIA AND RETURNABLE					
No.	Criteria	Returnable	Further Notes	Minimum Requirements	Compliance
		<u>template (see template in Annexure G)</u> <u>Signed by the Managing Director/CEO/Owner and in the presence of a Commissioner of Oaths/ Justice of Peace</u> <u>"Completed" means that the relevant information is filled in, AND the affidavit is not left blank.</u>			

Note 2: MANDATORY CRITERIA AND RETURNABLE

1. Contractors Experience & Workload Registers:
 - 1.1 Contractors Experience & Workload Registers: Shall demonstrate compliance with the requirements of *STAGE 2: FUNCTIONAL CRITERIA AND RETURNABLE*.
 - 1.2 If the Contractors Experience and Workload registers are not signed, they will not be accepted as valid evidence.
 - 1.3 If the Contractors Experience Registers do not comply with the minimum number of related substation construction projects, they will not be accepted as valid evidence.
 - 1.4 Refer to Annexure B for the Contractors Experience & Workload Register Templates.
 - 1.5 The required evidence must be contained in the Contractor's Experience Registers. No supplementary documentation will be considered.
 - 1.6 "Completed" means that the company name and other relevant information are filled in, AND relevant tables in the Contractor's Experience Registers contain information and are not left blank.

2. Tenderer's Resource List page 1-3 ("Organogram") for Resources to be Used on this Contract – Technical team:
 - 2.1 The resource list shall include names and ID numbers of the company owner(s), vehicle owner(s), substation construction staff (primary plant construction works and building construction works) as listed in TABLE 3, for Skills and Training requirements.
 - 2.2 The Technical team listed in the in the Tenderer's Resource Lists shall only be for the personnel which shall be available for this panel Contract.
 - 2.3 . Refer to Annexure H: Tenderer's Resource List Template page 1 ("Organogram") for Resources to be Used on this Contract. For the template to be used as the returnable.
 - 2.4 Details of the personnel listed in the Tenderer's Resource Lists, shall match those of the various Training certificates submitted per resource listed in *STAGE 2: FUNCTIONAL CRITERIA AND RETURNABLE*, as well as every Affidavit Confirming Employment of Resource provided for each resource.

- 2.5 Should the detailed information **NOT MATCH**, as required in item 2.4 above, the tender submission **SHALL BE DEEMED TO NOT COMPLY** with the mandatory criteria 1 of *TABLE 1: MANDATORY CRITERIA AND RETURNABLE*.
- 2.6 **Important note:** If the Tenderers Resource List Returnables are not signed in the presence of a Commissioner of Oaths / Justice of Peace by the required signatories as stated in *TABLE 1: MANDATORY CRITERIA AND RETURNABLE*, it will not be accepted as valid evidence.
- “**Completed**” means that the company name and other relevant information are filled in, AND the RESOURCE LIST 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. Tools & Equipment Registers:
- 4.1 Tools & Equipment Registers: Shall demonstrate compliance with the requirements of *STAGE 2: FUNCTIONAL CRITERIA AND RETURNABLE*.
- 4.2 If the primary plant tools lists are not signed or no tools are stated, they will not be accepted as valid evidence.
- 4.3 Refer to Annexure E for the various *Tools and Equipment Register* Templates.
- 4.4 “Completed” means that the company name and other relevant information are filled in, AND relevant tables in the Primary Plant Tools and Equipment List contain information and are not left blank.
5. Vehicle and Plant Register:
- 5.1 Vehicle and Plant Register: Shall demonstrate compliance with the requirements of *STAGE 2: FUNCTIONAL CRITERIA AND RETURNABLE*.
- 5.2 If the Vehicle and Plant Registers are not signed or no vehicles or plant are stated, they will not be accepted as valid evidence.
- 5.3 Refer to Annexure F *Vehicle Register* Template.
- 5.4 “Completed” means that the company name and other relevant information are filled in, AND relevant tables in the Vehicle and Plant List contain information and are not left blank.
6. Affidavit - Declaration Form
- 6.1 The Affidavit - Declaration Form shall be signed in the presence of a Commissioner of Oaths. / Justice of Peace. Refer to Annexure G Affidavit - Declaration Form for the required template.
- 6.2 The template provided in Annexure G shall be used as the returnable.
- 6.3 Each of the submitted Returnables, where it has been stated, shall be initialled in presence of a Commissioner of Oaths. / Justice of Peace.
- 6.4 The details of the Company Signatory as well as the Commissioner of Oaths / Justice of Peace shall match those in each of the Returnables initialled in the presence of the Commissioner of Oaths. / Justice of Peace and the Affidavit - Declaration Form submitted.

7. "Completed" means that the relevant information is filled in, AND the declaration is not left blank
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 a Substation Works – Electrical Works project scope. The full requirements must be fulfilled if a Task Order is awarded.

The minimum threshold is set at 75%.

Copies of all training certificates and affidavits shall be submitted. The copies **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.	Description	Weights
1	Related Work Experience	40%
2	Skills and Training	40%
3	Tools and equipment	10%
4	Vehicles	10%

The following evidence must be submitted by tender closing date.

7.1 RELATED WORK EXPERINCE

The tenderer is required to demonstrate that they have the following related work experience.

TABLE 4, below, lists required experience requirements that will be evaluated.

TABLE 3: FUNCTIONAL CRITERIA AND RETURNABLE – RELATED WORK EXPERIENCE					
No	Criteria	Returnable	Evidence Notes	Quantity	Weight and Scoring
1	Company Experience with execution of Substation Electrical Construction Projects	Completed project experience template (see Annexure B), showing a minimum of 2 projects completed. and Tender Completion Certificate for Completed Projects - 1 certificate per project submitted. and/or Contract Award Letter with scope of works for current for “In-progress” projects. - 1 letter per project submitted.	Refer to Note 3 below.	Minimum = 3 Projects Maximum = 5 Projects	Total = 80% 16.0% per project
2	Company Experience with execution of Substation Building Construction Works Projects	Completed project experience register template (see Annexure B), showing a minimum of 1 project completed. and Tender Completion Certificate for Completed Projects - 1 certificate per project submitted. and/or Contract Award Letter with scope of works for current for “In-progress” projects. - 1 letter per project submitted.	Refer to Note 3 below.	Minimum = 2 Projects Maximum = 4 Projects	Total = 20% 5.0% per project

Note 3: RELATED WORK EXPERIENCE

1. Company Experience – Completed Projects
 - 1.1 Completed project experience template (see Annexure B), showing a minimum of 3 projects completed and / or current projects for Primary Plant - Substation Construction projects.
 - 1.2 Completed project experience template (see Annexure B), showing a minimum of 1 project completed and / or current projects for Building Construction projects.
 - 1.3 The projects listed in the registers must demonstrate the completion of current and / or ongoing projects which align with the scope and definitions as listed in 3 TECHNICAL SCOPE above.
 - 1.4 Tenderers are to submit completion certificates for each of the listed projects clearly stating the Employer and their respective details, scope of works completed, date of completion and the project duration as supporting evidence. One (1) certificate is to be provided per project listed in the returnable.
 - 1.5 In the case of current “in-progress” projects the tenderer shall provide a contract award letter clearly stating the Employer’s details and the scope of works. One (1) letter with scope of works is to be provided per project listed in the returnable.
 - 1.6 Tenderers are to ensure that all details, contact number and contact person/s of the listed projects are correct. Should the contact persons or Organizations not be reachable to verify information, the project/s listed will not be accepted as valid evidence and will be excluded from the scoring.

7.2 SKILLS AND TRAINING REQUIREMENTS

Note 4: SKILLS AND TRAINING REQUIREMENTS

The tenderer is required to demonstrate that they have the following skills and training as well as the following resources.

- A minimum of 1 (one) HV/MV authorised responsible person, employed by Tenderer.
- A minimum of 1 (one) Primary Plant Construction trained resources (Construction Manager), employed by Tenderer or Sub-contracted.
- A minimum of 1 (one) Primary Plant Construction trained resources (Site Supervisor), employed by Tenderer.
- A minimum of 1 (one) Accredited Builder trained resource, employed by Tenderer or Sub-Contracted.
- A minimum of 1(one) Construction Regulations trained resource, employed by Tenderer.
- A minimum of 1 (one) Accredited Welding trained resource, employed by the Tenderer,
- A minimum of 1(one) Accredited Truck Mounted Crane Operator resource, employed by the Tenderer.
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TABLE 4, below, lists further required skills and training requirements that will be evaluated.

TABLE 4: FUNCTIONAL CRITERIA AND RETURNABLE – SKILLS AND TRAINING

No	Criteria	Returnable	Evidence Notes	Quantity	Weight and Scoring
1	HV/MV Authorisation	1 x HV/MV authorised “Responsible Person” for Substation Works AND 1 x complete set of accredited training certificate/s for the “Responsible Person” AND Affidavit Confirming Employment of Resource	Refer to Note 5 item 1 below	Minimum = 1	Total = 5% No “part marks” will be allocated for this item. The Tenderers must comply with the minimum quantity of resources to achieve the score indicated.
2	Primary Plant Construction Works Resources and Training – Construction Manager	1 x Construction Manager with professional registration with South African Council For The Project And Construction Management Professions AND Curriculum Vitae (CV) of the Construction Manager - 2 years related experience. AND Qualification certificate of the Construction Manager AND Affidavit Confirming Employment of Resource AND (if required) Contractual Agreement	Refer to Note 5 item 1.3 below	Minimum = 1	Total = 25% No “part marks” will be allocated for this item. The Tenderers must comply with the minimum quantity of resources to achieve the score indicated.
3	Primary Plant Construction Works Resources and	1 x Substation Construction Site Supervisor AND	Refer to Note 5 item 1.3 below	Minimum = 1	Total = 25 %

TABLE 4: FUNCTIONAL CRITERIA AND RETURNABLE – SKILLS AND TRAINING

No	Criteria	Returnable	Evidence Notes	Quantity	Weight and Scoring
	Training -Site Supervisor	1 x complete set of substation construction training certificate/s per resource (site supervisor). AND Curriculum Vitae of the substation construction site supervisor – 2 years related experience. AND Qualification certificate of the substation construction site supervisor AND Affidavit Confirming Employment of Resource			No “part marks” will be allocated for this item. The Tenderers must comply with the minimum quantity of resources to achieve the score indicated.
4	Building Construction Works Resources and Training	1 x National Home Builders Registration Council (NHBRC) registration certificate AND 1 x set of accredited Building Construction training certificate/s per resource. AND Curriculum Vitae of the Site Foreman (Building) AND Affidavit Confirming Employment of Resource AND (if required)	Refer to Note 5 item 2.10 below.	Minimum = 1	Total = 15% No “part marks” will be allocated for this item. The Tenderers must comply with the minimum quantity of resources to achieve the score indicated.

TABLE 4: FUNCTIONAL CRITERIA AND RETURNABLE – SKILLS AND TRAINING					
No	Criteria	Returnable	Evidence Notes	Quantity	Weight and Scoring
		Contractual Agreement			
5	Construction Regulations Training Course	Construction / Regulations training certificate per resource. (SACPMCP AND/OR SAIOSH Certified / Accredited) AND Affidavit Confirming Employment of Resource	Refer to Note 5 item 3.6 below.	Minimum = 1	Total =10% No “part marks” will be allocated for this item. The Tenderers must comply with the minimum quantity of resources to achieve the score indicated.
6	Welder Accreditation	Welder Accreditation and training certificates per resource. AND Affidavit Confirming Employment of Resource	Refer to Note 5 item 5 below.	Minimum = 1 Maximum = 2	Total = 10% 5% per resource
6	Truck Mounted Crane Operators	Training certificates or Operating Permit AND Affidavit Confirming Employment Of Resources	Refer to Note 5 item 6 below.	Minimum = 1 Maximum = 2	Total = 10% 5% per resource

Note 5: SKILLS AND TRAINING REQUIREMENTS

1. HV/MV Authorization:

- 1.1 Tenderers shall submit current HV/MV Authorizations for a "Responsible Person".
- 1.2 The submitted HV/MV authorizations shall be applicable for only Substation works scope and definitions as listed in 3 TECHNICAL SCOPE above.
- 1.3 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.
- 1.4 Affidavit Confirming Employment of Resource: Affidavit submitted must be completed and submitted as confirmation of employment of the resource named on the certificates at the tendering company, during the tender period. Refer to Annexure D for the Affidavit Confirming Employment of Resource Template. The affidavit template must be used as a returnable.

2. Primary Plant Construction Works Resources refers strictly to resources employed in the tendering company, or sub-contracted by the tendering company, that have achieved the required qualification and substation construction works training.

- 2.1 The required resources are the site supervisor and the construction manager.
- 2.2 The resources shall have minimum 2 years' experience in work which aligns with the scope and definitions as listed in 3 TECHNICAL SCOPE above.
- 2.3 Training certificates for the accredited training shall be submitted as evidence. A complete set of certificates shall be provided.
- 2.4 The resource for which the training certificates shall be submitted is the site supervisor.
- 2.5 The training certificates will be evaluated against the following requirements:
 - 2.5.1 The excavation, shuttering and casting of foundations
 - 2.5.2 The assembling and erection of equipment steelwork structures
 - 2.5.3 The assembly and installation of power plant equipment and control plant equipment.
 - 2.5.4 The installation and termination of stranded and tubular conductors.
 - 2.5.5 The installation, jointing and terminations of power cables.
 - 2.5.6 The braze jointing of copper conductors.
- 2.6 Qualifications accepted for Primary Plant Construction Works resources will be the following (Accredited with Engineering Council Of South Africa):
 - 1.1.1 BSc Eng,
 - 1.1.2 BEng,
 - 1.1.3 BTech Eng
 - 1.1.4 NDip Eng
- 2.7 Qualification certificates of the required resources shall be submitted as evidence. A complete set of certificates per resources shall be provided.

- 2.8 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 Profession (SACPCMP).
- 2.9 Curriculum Vitae (CV):
 - 2.9.1 The Curriculum Vitae are to be submitted in a **2-page condensed** format as per the template in Annexure C. **No other CV formats will be accepted.** CV's submitted in formats other than the template in Annexure C, **will not be evaluated.**
 - 2.9.2 **Only the first 2 pages of the submitted CV's will be evaluated.** CV's longer than stated 2 pages will not count in favour of the Tenderer's submission.
 - 2.9.3 **No part marks will be allocated.** Thus, only CV submissions which comply with the required experience will be scored. Submissions with less than the required experience will not be scored.
 - 2.9.4 The CV's are to **only include relevant information** which aligns with the scope and definitions as **listed in 3 TECHNICAL SCOPE** above.
 - 2.9.5 Contact details for references listed in the CV should **be valid and** the reference **"reachable"**, should verification be required.
 - 2.9.6 Curriculum Vitae of the following resources shall be required:
 - 2.9.6.1 Curriculum Vitae (CV): Construction Manager (Electrical) with "Professional Construction Manager" registration
 - 2.9.6.2 Curriculum Vitae (CV): Site Supervisor / Foreman (Electrical)
- 2.10 Affidavit Confirming Employment of Resource: Affidavit submitted must be completed and submitted as confirmation of employment of the resource named on the certificates at the tendering company, during the tender period. Refer to Annexure D for the Affidavit Confirming Employment of Resource Template. The affidavit template must be used as a returnable
3. Building Construction Works Resources & Training: "Building Construction Works 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.
 - 3.1 National Home Builders Registration Council (NHBRC) Registration certificate in the name of the tendering organisation or an individual employed with the tendering company or sub-contracted to the tendering organisation (refer to 4.8 below) shall be submitted in the tender submission. A certified copy of the certificate is to be included in the tender submission. Should the NHBRC certificate be registered in the Name of the Tendering Organisation, then the relevant Building Resource's qualification/training certificates, CV and Affidavit shall be included in the tender submission.

- 3.2 The resource shall have minimum 2 years' experience in work which aligns with the scope and definitions as listed in 3 TECHNICAL SCOPE above.
 - 3.3 The training curriculum will be evaluated against the following requirements:
 - 3.3.1 Bricklaying;
 - 3.3.2 Plastering;
 - 3.3.3 Plumbing;
 - 3.3.4 Roof Carpentry;
 - 3.3.5 Health and Safety;
 - 3.4 Curriculum Vitae (CV):
 - 3.4.1 The Curriculum Vitae are to be submitted in a **2 page condensed** format as per the template in Annexure C. **No other CV formats will be accepted.** CV's submitted in formats other than the template in Annexure C, **will not be evaluated.**
 - 3.4.2 **Only the first 2 pages of the submitted CV's will be evaluated.** CV's longer than stated 2 pages will not count in favour of the Tenderer's submission.
 - 3.4.3 **No part marks will be allocated.** Thus, only CV submissions which comply with the required experience will be scored. Submissions with less than the required experience will not be scored.
 - 3.4.4 The CV's are to **only include relevant information** which aligns with the scope and definitions as **listed in 3 TECHNICAL SCOPE** above.
 - 3.4.5 Contact details for references listed in the CV should **be valid and** the reference **"reachable"**, should verification be required.
 - 3.4.6 Curriculum Vitae of the following resources shall be required:
 - 3.4.6.1 Curriculum Vitae (CV): Site Foreman (Building)
 - 3.5 Training Certificates: Training certificates for the provided training shall be submitted as evidence. A complete set of certificates for each resource shall be provided.
 - 3.6 Should the Tenderer not employ staff with the required building construction works training, then the Tenderer shall submit a contractual agreement with an organization/s or individual/s which meet the required criteria. The tenderer shall, again, be required to demonstrate that they employ or sub-contract the required resources prior to Task Order Award.
 - 3.7 Affidavit Confirming Employment of Resource: Affidavit submitted must be completed and submitted as confirmation of employment of the resource named on the certificates at the tendering company, during the tender period. Refer to Annexure D for the Affidavit Confirming Employment of Resource Template. The affidavit template must be used as a returnable
4. Construction Regulations Training:
- 4.1 Construction /Regulations training certificate shall be submitted per resource.

- 4.2 The Construction Regulations Training shall be accredited by the South African Council For The Project and Construction Management Professions (SACPCMP). Affidavit Confirming Employment of Resource:
- 4.3 Affidavit Confirming Employment of Resource: Affidavit submitted must be completed and submitted as confirmation of employment of the resource named on the certificates at the tendering company, during the tender period. Refer to Annexure D for the Affidavit Confirming Employment of Resource Template. The affidavit template must be used as a returnable
5. Welder Accreditation:
- 5.1 Accreditation Certificate: Certificates shall be submitted as evidence. A certificate for each resource shall be provided.
- 5.2 Training Certificates: Training certificates for the provided training shall be submitted as evidence. A complete set of certificates for each resource shall be provided.
- 5.3 Affidavit Confirming Employment of Resource: Affidavit submitted must be completed and submitted as confirmation of employment of the resource named on the certificates at the tendering company, during the tender period. Refer to Annexure D for the Affidavit Confirming Employment of Resource Template. The affidavit template must be used as a returnable
6. Truck Mounted Crane Operators:
- 6.1 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.
- 6.2 Affidavit Confirming Employment of Resource: Affidavit submitted must be completed and submitted as confirmation of employment of the resource named on the certificates at the tendering company, during the tender period. Refer to Annexure D for the Affidavit Confirming Employment of Resource Template. The affidavit template must be used as a returnable
7. Copies of all training certificates and affidavits **SHALL BE CERTIFIED** by a Commissioner of Oaths **CLEARLY LEGIBLE AND CERTIFIED NOT OLDER THAN 3 MONTHS** prior to the date of tender close. The Commissioner's details, with signature and date must be **CLEARLY VISIBLE**.
8. 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.
9. 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.

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

7.3 TOOLS AND EQUIPMENT REQUIREMENTS

- a) The criteria (i.e. the list of tools and equipment requirements) are stated in the *TABLE 5: FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER – LIFTING EQUIPMENT, below.*
- b) The requirement is to demonstrate access to the listed tools and equipment either through ownership or hiring. Tools and equipment shall be available for use on the sites.
- c) If the returnable tools and equipment registers are not signed by the authorised signatory in the presence of a Commissioner of Oaths / Justice of Peace, they will not be accepted as valid evidence.
- d) Company asset registers that are not compliant with the tools list contained in Annexure E, will not be accepted as valid evidence.
- e) Tools and equipment are to be available for use on the sites.
- f) The returnables will be as follows:
 - i. Return the **COMPLETED AND SIGNED** Tools and Equipment registers (see Annexure E) which includes all items stated in following tables, indicating on the submission if the item is owned or being hired.
 - ii. Submit a certified copy of the Certificate of Registration In Respect of Motor Vehicle RC1 (National Road Traffic Act.) ("NATIS" Certificate) for each of the vehicles and plant included in the tender submission.
 - iii. **AND** if the item is being hired then for proof/evidence of hiring shall be required. This proof / evidence shall include a letter from a bona fide hiring company clearing stating the details of the items that are being hired (i.e. all items in the table or the specific items that are being hired) and the quantity available for hire. The quantities of plant and equipment to shall be stated in the letter and shall comply with the minimum quantities required as indicated in TABLE 5 - TABLE 10,below.
 - iv. The letter issued will only be accepted if it is issued from a bona fide 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).
 - v. The Returnable/s shall be signed off by the Company Managing Director / Chief Executive Officer / Owner in the presence of a commissioner of Oaths / Justice of Peace.
 - vi. Eskom reserves the right to verify that the tools and equipment are in fact owned, hired and are available. Should it be found that the tools and equipment are found not to comply with the requirements stated in section 7.3 *TOOLS AND EQUIPMENT REQUIREMENTS*, the scoring will be revised accordingly.
 - vii. Tenderers shall be required to demonstrated that tools or equipment have valid test or calibration certificates prior to Task Order Award.
 - viii. 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 Annexure E for the template). Modification of the forms/tables will lead to exclusion of the data which will impact final scoring.

- ix. Tenderers are to take note that no part marks will be allocated. The Tenderers must comply with the minimum quantity of tools or equipment listed to achieve the score indicated in the tables.

TABLE 5: FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER – LIFTING EQUIPMENT						
No	Equipment Description	Size / Capacity / Mass / Requirement	Owned / Hired	Returnable	Minimum Quantity	Score
1	SLING (Steel, chain and canvas-as per application)	Min. 1.5T	Indicate whether tools / equipment is owned or hired	COMPLETED AND SIGNED Tools and Equipment registers, refer to 7.3 a) - f) ,above. “Completed” means that all the required information, the company name and the name a signature of the Company Managing Director / Chief Executive / Owner are filled in, AND the register relevant information and is not left blank.	3	1
2	Lever operated hoists/winch (TIRFOR ®)	1600kG			1	1
3	Conductor Grips (Steel)	8-15mm dia			3	1
4	Conductor Grips (Aluminium)	25-40mm dia			3	1
5	Lever Hoist (Kito ®)	1.5T & 3T			3	1
6	D-Shackles (Containing SWL)				6	1
7	Snatch blocks				2	1
8	Stringing wheels/ Conductor pulleys	Up to Bull conductor (3x3 sets)			9	1

TABLE 6: FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER – SAFETY & WORKING AT HEIGHTS						
No	Equipment Description	Size / Capacity / Mass / Requirement	Owned / Hired	Returnable	Minimum Quantity	Score
1	Person Protective Equipment (PPE)	Full set per person	Indicate whether tools / equipment is owned or hired	COMPLETED AND SIGNED Tools and Equipment registers, refer to 7.3 a) - f) ,above. “Completed” means that all the required information, the company name and the name a signature of the Company Managing Director / Chief Executive / Owner are filled in, AND the register relevant information and is not left blank.	1	1
2	Fall Arrest System (FAS)	Full set per person working at heights			1	1
3	FAS Rescue	Full set per team			2	1
4	Fibreglass Ladders (Step and Extension)	2,54m & 8-9m			1	1
5	Firs Aid Kit	Full set per team			1	1
6	Fire Extinguisher	2,5kg min per vehicle			1	1

TABLE 7:. FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER – OPERATING & TESTING						
No	Equipment Description	Size / Capacity / Mass / Requirement	Owned / Hired	Returnable	Minimum Quantity	Score
1	Portable earths (Working - Substation) (if applicable)	40mm ² / sets per authorised team	Indicate whether tools / equipment is owned or hired	COMPLETED AND SIGNED Tools and Equipment registers, refer to 7.3 a) - f) ,above. “Completed” means that all the required information, the company name and the name a signature of the Company Managing Director / Chief Executive / Owner are filled in, AND the register relevant information and is not left blank.	1	1
2	Safety Tester (Voltage detector) (If applicable)	up to 132kV/ per authorised person			1	1
3	Earthing Stick/ Telescopic Link stick (if applicable)	25-40mm diameter / per authorised person			1	1
4	Earth resistance tester with suitable wires	complete set			1	1
5	Continuity Tester	Min. 10A per electrician			1	1
6	Insulation Tester	5kV / per authorised person			1	1

TABLE 8. FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER – CONDUCTOR WORK TOOLS						
No	Equipment Description	Size / Capacity / Mass / Requirement	Owned / Hired	Returnable	Minimum Quantity	Score
1	Hydraulic conductor cutter		Indicate whether tools / equipment is owned or hired	COMPLETED AND SIGNED Tools and Equipment registers, refer to 7.3 a) - f) ,above. “Completed” means that all the required information, the company name and the name a signature of the Company Managing Director / Chief Executive / Owner are filled in, AND the register relevant information and is not left blank.	1	1
2	Cables/Conductor drum trestle (braked)	per team			1	1
3	Thermometer	10kN			1	1
4	Dynamometer	30T & 100T			1	1
5	Hydraulic power pack with crimper head	Hornet, Centipede and Bull / per team			1	1
6	Full set hexagon Dies	per team			1	1

TABLE 9:. FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER – GENERAL WORK TOOLS						
No	Equipment Description	Size / Capacity / Mass / Requirement	Owned / Hired	Returnable	Minimum Quantity	Score
1	Electricians Toolbox	per accredited electrician	Indicate whether tools / equipment is owned or hired	COMPLETED AND SIGNED Tools and Equipment registers, refer to 7.3 a) - f) ,above. “Completed” means that all the required information, the company name and the name a signature of the Company Managing Director / Chief Executive / Owner are filled in, AND the register relevant information and is not left blank.	1	1
2	Toolbox with general tools – Spanners (10-40), Screwdrivers (full range, Hacksaw, Sockets (all relevant sizes)	per team			1	1
3	Hammers	1800g min			2	1
4	Bolt-cutter Med.	Medium / per team			1	1
5	Suitable impact drills (power)	N/A			2	1
6	Strapping tool	N/A			1	1
7	Gas Welding Set - Complete	Complete per team			1	1
8	Hole Alignment Wedge	per team			1	1
9	Torque Wrench	30-150Nm / per team			1	1
10	Jacks & Props	as needed			1	1
11	Crowbar	per team			1	1
12	Generator	>5kW / per team			1	1
13	Hand lines or ski rope	100m min			4	1
14	Straight Level	1.2m min per team			1	1

TABLE 10:. FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER –BUILDING WORKS TOOLS AND EQUIPMENT						
No	Equipment Description	Size / Capacity / Mass / Requirement	Owned / Hired	Returnable	Minimum Quantity	Score
1	General Masonry Tools Set for Building Works (e.g. Trowels, Steel Floats (All Variants), Concrete Mixer, Builders' Line - 100m, Spirit Levels, Various Types (Straight min 1.2m, Line, etc.))	complete set per accredited builder	Indicate whether tools / equipment is owned or hired	COMPLETED AND SIGNED Tools and Equipment registers, refer to 7.3 a) - f) ,above. “Completed” means that all the required information, the company name and the name a signature of the Company Managing Director / Chief Executive / Owner are filled in, AND the register relevant information and is not left blank.	1	1
2	General Carpentry Tool Set for Roof and Ceiling Works - Hand and Power Tools (Saws, Hammers, Mitre Box, Circular Saw, Drill Drivers, etc.)	complete set per accredited builder			1	1
3	Scaffolding for Building Work	complete set per team			1	1
4	Concrete Poker Vibrator	N/A			1	1
5	Compressor (with Concrete / Rock Breakers)	N/A			1	1
6	Complete Steel Concrete Shutter (Steel Formwork) Sets for Standard Eskom Equipment Support Foundations - Minimum 1 x Complete Set for Each Foundation Type	complete set			1	1

TABLE 10:. FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER –BUILDING WORKS TOOLS AND EQUIPMENT						
No	Equipment Description	Size / Capacity / Mass / Requirement	Owned / Hired	Returnable	Minimum Quantity	Score
7	Mechanical Compactors (Rammer, Plate Type Compactors)		Indicate whether tools / equipment is owned or hired	COMPLETED AND SIGNED Tools and Equipment registers, refer to 7.3 a) - f) ,above. “Completed” means that all the required information, the company name and the name a signature of the Company Managing Director / Chief Executive / Owner are filled in, AND the register relevant information and is not left blank.	1	1
8	General Construction Tool Set (Picks, Spades, Shovels, Wheelbarrows, Builder’s Bucket)	complete set per team			1	1
9	Toolbox with General Tools - Hand and Power Tools (Spanners, Pliers, cutters, Screwdrivers, Tape measures various lengths (5m; 100m), Various Saws, Angle Grinders , Hand Held Drills (Various Types), etc.)	N/A			2	1
10	Generator	>5kW			1	1
11	Concrete Slump Test Equipment	complete set			1	1
12	Concrete Cube Test Moulds and Tamping Rod	complete set			1	1

TABLE 10:. FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER –BUILDING WORKS TOOLS AND EQUIPMENT						
No	Equipment Description	Size / Capacity / Mass / Requirement	Owned / Hired	Returnable	Minimum Quantity	Score
13	Automatic Level & Accessories – Checking and Verifying Construction Levels - Calibration Report or Test Certificate, not older than 12 months, to be included in submission.	N/A			1	1

7.4 VEHICLE REQUIREMENTS

- a) The criteria (i.e. the list of vehicle requirements) are stated in the *TABLE 11*, below.
- b) The requirement is to demonstrate access to the listed vehicles either through ownership or hiring.
- c) If the returnable vehicle register is not signed by the authorised signatory in the presence of a Commissioner of Oaths / Justice of Peace, it will not be accepted as valid evidence.
- d) Company asset registers that are not compliant with the vehicle listing contained in Annexure F, will not be accepted as valid evidence.
- e) A Double Cab LDV ("Bakkie") may be used to transport employees, but only to the maximum carrying capacity of four passengers, and tools & equipment up to its load carrying limit may be carried. In such instances, no major construction materials may be carried.
- f) Tenderers are to take note that no part marks will be allocated. The Tenderers must comply with the vehicle or plant type / description as well as the minimum quantity of vehicles and plant listed to achieve the score indicated in *TABLE 11*, below.
- g) The returnable will be as follows:
 - i. Return a **COMPLETED AND SIGNED** Vehicle and Plant Register in Annexure F which includes all items stated in the table below, indicating on the submission if the vehicle is **owned** or being **hired**.
 - ii. 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, through company ownership or employment, then the vehicle will not be considered "owned" and points will not be awarded.
 - iii. All vehicles and plant listed in the vehicles and plant registers which are indicated as "Owned" shall be fully controlled by the Tenderer and available to the Tenderer for the purposes of this Contract.
 - iv. **AND** if the vehicle is being hired, then the required proof of hiring shall be required. For this proof of hiring, 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 bona fide 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 description / type and quantities of vehicle or plant to be hired shall be clearly stated in the hiring letter and they shall comply with the minimum quantities required as indicated in *TABLE 11*, below.

- v. Should the Tenderer hire a Truck with suitable Vehicle Mounted Crane with an operator provided by the hiring company. The Tenderer shall ensure that the required Truck Mounted Crane Operators training certificate or permit issued for the hiring company provided operator, is included in the submission. Refer to *7.2 SKILLS AND TRAINING REQUIREMENTS, Note 4: SKILLS AND TRAINING REQUIREMENTS, item 6 above*. The Truck Mounted Crane shall comply with the requirements as listed in TABLE 11, below.
- vi. The Returnable/s shall be signed off by the Company Managing Director / Chief Executive Officer / Owner in the presence of a commissioner of Oaths / Justice of Peace.
- vii. 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 Annexure F for the template). Modification of the forms/tables will lead to exclusion of the data which will impact final scoring.

TABLE 11. FUNCTIONAL CRITERIA AND RETURNABLE – VEHICLES AND PLANT REGISTER					
No	Vehicle / Plant Type & Description	Owned / Hired	Returnable	Quantity	Score
1	Tractor-Loader-Backhoe (TLB)	Indicate whether vehicle / plant is owned or hired	COMPLETED AND SIGNED Vehicles and Plant registers, refer to 7.4 a) - g) above.	Minimum of 1 Maximum of 1	Maximum Score = 40.00%
2	Truck with suitable Vehicle Mounted Crane (with aerial device) - Minimum 18m reach and 3 ton lifting capacity			Minimum of 1 Maximum of 2	Maximum Score = 40.00% 20% per vehicle
3	Suitable Transport for workers (LDV - Double Cab/Minibus) - Minimum 4 person capacity	Indicate whether vehicle / plant is owned or hired	COMPLETED AND SIGNED Vehicles and Plant registers, refer to 7.4 a) - c) and Note 7 above.	Minimum of 1 Maximum of 2	Maximum Score = 10.00% 5.00% per vehicle
4	LDVs (Bakkie)			Minimum of 2 Maximum of 3	Maximum Score = 10.00% 3.33% per vehicle

8. APPROVAL OF TECHNICAL EVALUATION CRITERIA AND STRATEGY

Name	Designation and Department	Signature	Date
Modiri Seate	Senior Asset Engineer -Power Plant FSOU		3/12/2024
Jayant Raghubir	Senior Asset Design – Power Plant KZNOU		04/12/2024
Preshnee Chetty	Design Engineering Manager KZOU		05/12/2024
Roshan Pillay	Network Engineering Manager FSOU		10/12/2024
Palesa Mokgothu	Programme Manager FSOU Project Execution		10.12.2024
Mlungisi Sibiya	Programme Manager KZNOU Project Execution		10.12.2024

Annex A – Acknowledgement of Method Statements

Tender Technical Evaluation Team Leader
Eskom Holdings SOC Ltd
2 Maxwell Drive
Sunninghill
Sandton
2157

Date : _____

Enquiries : _____ (Tel No.)

Dear Sir/ Madam

RE: ACKNOWLEDGEMENT OF ESKOM METHOD STATEMENTS

This Letter serves to confirm that our company acknowledges and will make use of Eskom's work specifications 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: Primary Plant Construction Works Contractor's Experience Register Template

Company Name & Company Registration Number: _____

No	Project Name	Project Category	Scope	Project Value	Client	Client Contact Details	Client Contract Number	Duration
EG	XXXXXXX	Substation Primary Plant	Construction or new Substation complete, Construction of new Substation Feeder Bay Construction of new Substation Extension,	R3 000 000	XXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXXXX	Start Date and End Date
1								
2								
3								
4								
5								

DECLARATION: I hereby confirm that listed information is truthful and can be verified by Eskom. Misrepresentation of the information shall make the submission null and void.

Signature of Managing Director / Chief
Executive Officer / Owner*

Date:

Company Managing Director / Chief
Executive Officer / Owner* **Name:**

(*underline which is applicable)

**Tendering
Company:**

This page is to be initialled in the presence of a Commissioner of Oaths / Justice of Peace	
Authorised Company Signatory: _____	Commissioner of Oaths / Justice of Peace: _____

Annexure B: Building Construction Works Contractor’s Experience Register Template

Company Name: _____

No	Project Name	Project Category	Scope	Project Value	Client	Client Contact Details	Client Contract Number	Duration
EG	XXXXXXX	Substation Building Works	Construction of new Substation Building Works, etc.	R3 000 000	XXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXXX	Start Date and End Date
1								
2								
3								
4								
5								

DECLARATION: DECLARATION: I hereby confirm that listed information is truthful and can be verified by Eskom. Misrepresentation of the information shall make the submission null and void.

Signature of Managing Director / Chief Executive Officer / Owner* _____

Date: _____

Company Managing Director / Chief Executive Officer / Owner* **Name:** _____

(*underline which is applicable)

Tendering Company: _____

This page is to be initialled in the presence of a Commissioner of Oaths / Justice of Peace	
Authorised Company Signatory: _____	Commissioner of Oaths / Justice of Peace: _____

Annexure C: Curriculum Vitae Template:

Curriculum Vitae

1. Name:
2. ID Number:
3. Profession:
4. Education/Qualifications
5. Nationality
6. Membership of Professional Organizations
7. Employment Record:

Period: (incl. dates) Employer: Position Held: Summary:	
Period: (incl. dates) Employer: Position Held: Summary:	
Period: (incl. dates) Employer: Position Held: Summary:	

- 8. Experience Record for Work Undertaken** related to the Information Indicated in 3 *TECHNICAL SCOPE*.
 (Information should clearly state Role, Duration of Involvement, Complexity of Work Undertaken and Core Competencies).

Name of Assignment or Project: Year: Location: Client: Main Project Scope: <i>In terms of 3 TECHNICAL SCOPE .</i> Position/s Held: Activities Performed:	
--	--

Name of Assignment or Project: Year: Location: Client: Main Project Scope: <i>In terms of 3 TECHNICAL SCOPE .</i> Position/s Held: Activities Performed:	
Name of Assignment or Project: Year: Location: Client: Main Project Scope: <i>In terms of 3 TECHNICAL SCOPE .</i> Position/s Held: Activities Performed:	
Name of Assignment or Project: Year: Location: Client: Main Project Scope: <i>In terms of 3 TECHNICAL SCOPE .</i> Position/s Held: Activities Performed:	

9. References: (only 2 required) Clearly stating name, Employer, and valid contact details	Name: Employer: Contact Details:	
	Name: Employer: Contact Details:	

Annexure D: 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 E: Tools and Equipment Register for _____ (Company Name & Company Registration No)

FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER – LIFTING EQUIPMENT							
No	Equipment Description	Size / Capacity / Mass Requirement	Owned / Hired		Serial Number, where applicable	Test / Calibration Certificate Number, where applicable	Quantity
			O	H			
1	SLING (Steel, chain and canvas- as per application)	Min. 1.5T					
2	Lever operated hoists/winch (TIRFOR®)	1600kG					
3	Conductor Grips (Steel)	8-15mm dia					
4	Conductor Grips (Aluminium)	25-40mm dia					
5	Lever Hoist (Kito®)	1.5T & 3T					
6	D-Shackles (Containing SWL)						
7	Snatch blocks						
8	Stringing wheels/ Conductor pulleys	Up to Bull conductor (3x3 sets)					

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

Signature of Managing Director / Chief Executive Officer / Owner*

Date:

Company Managing Director / Chief Executive Officer / Owner* **Name:**

(*underline which is applicable)

Tendering Company:

This page is to be initialled in the presence of a Commissioner of Oaths / Justice of Peace	
Authorised Company Signatory: _____	Commissioner of Oaths / Justice of Peace: _____

Annexure E: Tools and Equipment Register for _____ (Company Name & Company Registration No)

FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER – SAFETY & WORKING AT HEIGHTS							
No	Equipment Description	Size / Capacity / Mass / Requirement	Owned / Hired		Serial Number, where applicable	Test / Calibration Certificate Number, where applicable	Quantity
			O	H			
1	Person Protective Equipment (PPE)	Full set per person					
2	Fall Arrest System (FAS)	Full set per person working at heights					
3	FAS Rescue	Full set per team					
4	Fibreglass Ladders (Step and Extension)	2,54m & 8-9m					
5	Firs Aid Kit	Full set per team					
6	Fire Extinguisher	2,5kg min per vehicle					

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

Signature of Managing Director / Chief Executive Officer / Owner* _____

Date: _____

Company Managing Director / Chief Executive Officer / Owner* **Name:** _____

(*underline which is applicable)

Tendering Company: _____

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Authorised Company Signatory: _____	Commissioner of Oaths / Justice of Peace: _____

Annexure E: Tools and Equipment Register for _____ (Company Name & Company Registration No)

FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER – OPERATING & TESTING							
No	Equipment Description	Size / Capacity / Mass Requirement	Owned / Hired		Serial Number, where applicable	Test / Calibration Certificate Number, where applicable	Quantity
			O	H			
1	Portable earths (Working - Substation) (if applicable)	40mm² / sets per authorised team					
2	Safety Tester (Voltage detector) (If applicable)	up to 132kV/ per authorised person					
3	Earthing Stick/ Telescopic Link stick (if applicable)	25-40mm diameter / per authorised person					
4	Earth resistance tester with suitable wires	complete set					
5	Continuity Tester	Min. 10A per electrician					
6	Insulation Tester	5kV / per authorised person					

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

Signature of Managing Director / Chief Executive Officer / Owner*

Date:

Company Managing Director / Chief Executive Officer / Owner* **Name:**

(*underline which is applicable)

Tendering Company:

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Authorised Company Signatory:

Commissioner of Oaths / Justice of Peace:

Annexure E: Tools and Equipment Register for _____ (Company Name & Company Registration No)

FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER – CONDUCTOR WORK TOOLS							
No	Equipment Description	Size / Capacity / Mass Requirement	Owned / Hired		Serial Number, where applicable	Test / Calibration Certificate Number, where applicable	Quantity
			O	H			
1	Hydraulic conductor cutter						
2	Cables/Conductor drum trestle (braked)	per team					
3	Thermometer	10kN					
4	Dynamometer	30T & 100T					
5	Hydraulic power pack with crimper head	Hornet, Centipede and Bull / per team					
6	Full set hexagon Dies	per team					

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

Signature of Managing Director / Chief Executive Officer / Owner*

Date:

Company Managing Director / Chief Executive Officer / Owner* **Name:**

(*underline which is applicable)

Tendering Company:

This page is to be initialled in the presence of a Commissioner of Oaths / Justice of Peace	
Authorised Company Signatory:	Commissioner of Oaths / Justice of Peace:

Annexure E: Tools and Equipment Register for _____ (Company Name & Company Registration No)

FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER – GENERAL WORK TOOLS							
No	Equipment Description	Size / Capacity / Mass Requirement	Owned / Hired		Serial Number, where applicable	Test / Calibration Certificate Number, where applicable	Quantity
			O	H			
1	Electricians Toolbox	per accredited electrician					
2	Toolbox with general tools –Spanners (10-40), Screwdrivers (full range, Hacksaw, Sockets (all relevant sizes)	per team					
3	Hammers	1800g min					
4	Bolt-cutter Med.	Medium / per team					
5	Suitable impact drills (power)						
6	Strapping tool						
7	Gas Welding Set - Complete	Complete per team					
8	Hole Alignment Wedge	per team					
9	Torque Wrench	30-150Nm / per team					
10	Jacks & Props	as needed					
11	Crowbar	per team					
12	Generator	>5kW / per team					
13	Hand lines or ski rope	100m min					
14	Straight Level	1.2m min per team					

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

Signature of Managing Director / Chief Executive Officer / Owner*

Date:

Company Managing Director / Chief Executive Officer / Owner* **Name:**

Tendering Company:

(*underline which is applicable)

This page is to be initialled in the presence of a Commissioner of Oaths / Justice of Peace	
Authorised Company Signatory:	Commissioner of Oaths / Justice of Peace:

Annexure E: Tools and Equipment Register for _____ (Company Name & Company Registration No)

FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER – CIVIL & BUILDING WORKS TOOLS AND EQUIPMENT							
No	Equipment Description	Size / Capacity / Mass Requirement	Owned / Hired		Serial Number, where applicable	Test / Calibration Certificate Number, where applicable	Quantity
			O	H			
1	General Masonry Tools Set for Building Works (e.g. Trowels, Steel Floats (All Variants), Concrete Mixer, Builders' Line - 100m, Spirit Levels, Various Types (Straight min 1.2m, Line, etc.))	complete set per accredited builder				N/A	
2	General Carpentry Tool Set for Roof and Ceiling Works - Hand and Power Tools (Saws, Hammers, Mitre Box, Circular Saw, Drill Drivers, etc.)	complete set per accredited builder				N/A	
3	Scaffolding for Building Work	complete set per team				N/A	
4	Concrete Poker Vibrator	N/A				N/A	
5	Compressor (with Concrete / Rock Breakers)	N/A				N/A	
6	Complete Steel Concrete Shutter (Steel Formwork) Sets for Standard Eskom Equipment Support Foundations - Minimum 1 x Complete Set for Each Foundation Type	complete set				N/A	
7	Mechanical Compactors (Rammer, Plate Type Compactors)					N/A	
8	General Construction Tool Set (Picks, Spades, Shovels, Wheelbarrows, Builder's Bucket)	complete set per team				N/A	
9	Toolbox with General Tools - Hand and Power Tools (Spanners, Pliers, cutters, Screwdrivers, Tape measures various lengths (5m; 100m), Various Saws, Angle Grinders, Hand Held Drills (Various Types), etc.)	N/A				N/A	
10	Generator	>5kW				N/A	

Annexure E: Tools and Equipment Register for _____ (Company Name & Company Registration No)

FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS AND EQUIPMENT REGISTER – CIVIL & BUILDING WORKS TOOLS AND EQUIPMENT							
No	Equipment Description	Size / Capacity / Mass Requirement	Owned / Hired		Serial Number, where applicable	Test / Calibration Certificate Number, where applicable	Quantity
			O	H			
11	Concrete Slump Test Equipment	complete set				N/A	
12	Concrete Cube Test Moulds and Tamping Rod	complete set				N/A	
13	Automatic Level & Accessories – Checking and Verifying Construction Levels - Calibration Report or Test Certificate, not older than 12 months, to be included in submission.						

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

Signature of Managing Director / Chief Executive Officer / Owner*

Date:

Company Managing Director / Chief Executive Officer / Owner* **Name:**

Tendering Company:

(*underline which is applicable)

This page is to be initialled in the presence of a Commissioner of Oaths / Justice of Peace	
Authorised Company Signatory: _____	Commissioner of Oaths / Justice of Peace: _____

Annexure F: Vehicle Register for _____ (Company Name & Company Registration No)

If “Owned”, provide the following required information (A, B, C, D):			A	B	C	Quantity
Mandatory Vehicle	Owned (O) or Hired (H) (Y where appropriate)		Vehicle License Number or Vehicle Register Number as per the <i>Certificate of Registration In Respect of Motor Vehicle RC1 (National Road Traffic Act.)</i> (“NATIS” Certificate)	Name of Vehicle Owner as per the <i>Certificate of Registration In Respect of Motor Vehicle RC1 (National Road Traffic Act.)</i> (“NATIS” Certificate)	Vehicle Owner’s Position in the Company <i>(if vehicle is not in the Company’s name)</i>	
	O	H				
Tractor-Loader-Backhoe (TLB)						
Truck with suitable Vehicle Mounted Crane (with aerial device) - Minimum 18m reach and 3 ton lifting capacity						
Suitable Transport for workers (LDV - Double Cab/Minibus) - Minimum 4 person capacity						
LDVs (Bakkie)						

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.

Signature of Managing Director / Chief Executive Officer / Owner*

Date:

Company Managing Director / Chief Executive Officer / Owner* **Name:**

(*underline which is applicable)

Tendering Company:

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Authorised Company Signatory:

Commissioner of Oaths / Justice of Peace:

Annexure G: Affidavit - Declaration Form:

I, _____ (full names),

ID Number: _____,

Managing Director / Chief Executive Officer / Owner (underline which is applicable) at/of
_____ (Tendering Company Name), solemnly declare that all the information
contained in this tender submission is true.

Signature of Managing Director / Chief Executive Officer / Owner (underline which is applicable): _____

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 to be recorded to the space above, stamps allowed)

Annexure H: Tenderer's Resource List Template page 1 ("Organogram") for Resources to be Used on this Contract.

No	Resource Title	Name & Surname & ID Number	Qualification / Training Data (State Whichever is applicable)	Registration Type and Issuing Body (Where applicable)	CV Completed and included in Submission	Affidavit Completed and included in Submission	State if Employed at Company or Sub-Contracted
1.	Company Owner / Managing Director / Chief Executive Officer <i>(Underline Whichever is Applicable)</i>					☐ AFFIDAVIT INCL. IN SUBMISSION Mark Which is applicable with a ☒ or ☐	THIS RESOURCES NEEDS TO BE EMPLOYED AT THE TENDERING ORGANISATION
2.	HV/MV Authorisation					☐ AFFIDAVIT INCL. IN SUBMISSION Mark Which is applicable with a ☒ or ☐	THIS RESOURCES NEEDS TO BE EMPLOYED AT THE TENDERING ORGANISATION
3.	Primary Plant Works Resource – Construction Manager				☐ CV INCL. IN SUBMISSION Mark Which is Applicable with a ☒ or ☐	☐ AFFIDAVIT INCL. IN SUBMISSION Mark Which is applicable with a ☒ or ☐	☐ EMPLOYED ☐ SUB-CONTRACTED Mark Which is Applicable with a ☒ or ☐
4.	Primary Plant Works Resource – Site Supervisor / Foreman				☐ CV INCL. IN SUBMISSION Mark Which is Applicable with a ☒ or ☐	☐ AFFIDAVIT INCL. IN SUBMISSION Mark Which is applicable with a ☒ or ☐	THIS RESOURCES NEEDS TO BE EMPLOYED AT THE TENDERING ORGANISATION

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

Signature of Managing Director / Chief Executive Officer / Owner*

Date:

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

Tendering Company:

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Annexure H: Tenderer’s Resource List Template page 2 (“Organogram”) for Resources to be Used on this Contract.

No	Resource Title	Name & Surname & ID Number	Qualification / Training Data (State Whichever is applicable)	Registration Type and Issuing Body (Where applicable)	CV Completed and included in Submission	Affidavit Completed and included in Submission	State if Employed at Company or Sub-Contracted
5.	Building Construction Works Resource				☐ CV INCL. IN SUBMISSION Mark Which is Applicable with a ☒ or ☒	☐ AFFIDAVIT INCL. IN SUBMISSION Mark Which is applicable with a ☒ or ☒	☐ EMPLOYED ☐ SUB-CONTRACTED Mark Which is Applicable with a ☒ or ☒
6.	Construction Regulations Trained Resource					☐ AFFIDAVIT INCL. IN SUBMISSION Mark Which is applicable with a ☒ or ☒	THIS RESOURCES NEEDS TO BE EMPLOYED AT THE TENDERING ORGANISATION
7.	Accredited Welder No 1					☐ AFFIDAVIT INCL. IN SUBMISSION Mark Which is applicable with a ☒ or ☒	THIS RESOURCES NEEDS TO BE EMPLOYED AT THE TENDERING ORGANISATION
8.	Accredited Welder No 2					☐ AFFIDAVIT INCL. IN SUBMISSION Mark Which is applicable with a ☒ or ☒	THIS RESOURCES NEEDS TO BE EMPLOYED AT THE TENDERING ORGANISATION

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

Signature of Managing Director / Chief Executive Officer / Owner*

Date:

Company Managing Director / Chief Executive Officer / Owner* **Name:**

(*underline which is applicable)

Tendering Company:

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Annexure H: Tenderer's Resource List Template page 3 ("Organogram") for Resources to be Used on this Contract.

No	Resource Title	Name & Surname & ID Number	Qualification / Training Data (State Whichever is applicable)	Registration Type and Issuing Body (Where applicable)	CV Completed and included in Submission	Affidavit Completed and included in Submission	State if Employed at Company or Sub-Contracted
9.	Accredited Truck Mounted Crane Operator No 1					☐ AFFIDAVIT INCL. IN SUBMISSION Mark Which is applicable with a ☐ ☒ or ☒	THIS RESOURCES NEEDS TO BE EMPLOYED AT THE TENDERING ORGANISATION
10.	Accredited Truck Mounted Crane Operator No 2					☐ AFFIDAVIT INCL. IN SUBMISSION Mark Which is applicable with a ☐ ☒ or ☒	THIS RESOURCES NEEDS TO BE EMPLOYED AT THE TENDERING ORGANISATION

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

Signature of Managing Director / Chief Executive Officer / Owner*

Date:

Company Managing Director / Chief Executive Officer / Owner* **Name:**

Tendering Company:

(*underline which is applicable)

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Authorised Company Signatory:	Commissioner of Oaths / Justice of Peace: