

Technical Evaluation Criteria Template

HV Plant

Template Identifier	240-***	Rev	0
Effective Date	August 2022		
Next Review Date August 2025			
Tx Fast Grid			

TECHNICAL EVALUATION Title: CRITERIA **SERVICES** CRANE

CONTRACT **OF MOUNTED TRUCKS**

Unique Identifier: ****

Alternative Reference Number: N/A

Area of Applicability: **Engineering**

Report Documentation Type:

Revision: 0

Total Pages: 18

As Required **Next Review Date:**

Disclosure Classification: **CONTROLLED**

DISCLOSURE

Compiled by

Sabelo Myeza **HV Plant Engineer**

Date:19/08/2022......

Functional Responsibility

Ellen Shezi **HV Plant Manager**

Date: 31/10/2022

Authorised by

Naresh Ramparshad **Senior Manager**

Date: 31/10/2022

Unique Identifier:

Revision:

0

Page: 2 of 16

CONTENTS

	Page
1. INTRODUCTION	3
2. SUPPORTING CLAUSES	3
2.1 SCOPE	3
2.1.1 Purpose	3
2.1.2 Applicability	3
2.2 NORMATIVE/INFORMATIVE REFERENCES	
2.2.1 Normative	
2.2.2 Informative	
2.3 DEFINITIONS	
2.4 ABBREVIATIONS	
2.5 ROLES AND RESPONSIBILITIES	
2.6 PROCESS FOR MONITORING	
2.7 RELATED/SUPPORTING DOCUMENTS	
2.8 TET MEMBERS	
3. EVALUATION CRITERIA	5
3.1 TECHNICAL EVALUATION STAGE 1: MANDATORY REQUIREMENTS	6
3.2 FUNCTIONAL EVALUATION CRITERIA	
3.2.1 Training Requirements & Qualifications Requirements	
3.2.2 Company Related Work Experience	9
3.2.3 Tools and Equipment	
3.2.4 Vehicles	
3.3 TECHNICAL EVALUATION STAGE 3: SITE ASSESSMENTS ERROR! BOOKMARK NO 3.4 TECHNICAL EVALUATION STAGE4: CONTRACTUAL REQUIREMENTS	
4. AUTHORISATION	
5. REVISIONS	
6. DEVELOPMENT TEAM	
7. ACKNOWLEDGEMENTS	
	_
ANNEXURE A: AFFIDAVIT CONFIRMING EMPLOYMENT OF RESOURCEERROR! BOOKMAR DEFINED.	RK NOT
ANNEXURE B: TOOLS AND EQUIPMENT REGISTER/LISTERROR! BOOKMARK NO	
ANNEXURE C: VEHICLES REGISTER/LIST	14
ANNEXURE D: DETAILED SCOPE OF WORKS	16
D1 WORKS INFORMATION - MV AND I V MINOR WORKS	16

Unique Identifier: ********

Revision: 0

Page: 3 of 16

1. Introduction

This document provides an overview of Eskom technical evaluation criteria to be adopted by Tx East Grid, all CLNs by the Technical evaluation Team when evaluating the tender submissions for the supply of services of crane mounted trucks to perform various maintenance work at substations and transporting material to and from various sites within South Africa.

2. Supporting Clauses

2.1 Scope

This document sets out the standardised criteria to be used when evaluating tenderers for the supply of services of crane-mounted trucks as specified below:

- 10 Ton Truck + crane with long reach
- 12 Ton Truck + crane with long reach
- 24 Ton Truck + crane with long reach
- Sky jack

Exclusions

This technical evaluation criterion does not cater for:

- · Vegetation Management.
- Any other category of work which at the later time of assessment it is found that this evaluation criteria did not cater for during the tender evaluation stages.

2.1.1 Purpose

The purpose of this document is to ensure that all technical evaluators use the same method when evaluating tenderers according to the requirements that should be met by the supplier for the services requested.

2.1.2 Applicability

This document shall apply to the Tx East Grid. This criteria document is applicable to Maintenance Projects (OPEX).

2.2 Normative/Informative References

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

2.2.1 Normative

- [1] ISO 9001 Quality Management Systems.
- [2] 240-70413681 Portfolio of Evidence for Authorisation.
- [3] QM 58 Supplier Contract Quality Requirements

2.2.2 Informative

N/A

Unique Identifier: ******

Revision: 0

Page: 4 of 16

2.3 Definitions

Definition	Description
Accredited Training Service Provider	Registered with Education and Training Quality Assurance (ETQA) body under the South African Qualifications Authority (SAQA).
Bona Fide	Genuine; real and without intention to deceive.
Equipment	Single apparatus or set of devices or apparatuses, or the set of main devices of an installation, or all devices necessary to perform a specific task. Electrical equipment such as support structures, pole mounted transformers, miniature substations, service distribution boards, etc.
Major Maintenance	 Major Maintenance is a process that has to do with the accounting treatment of the costs of major inspections or overhauls of property plant and equipment, occurring at regular intervals over the useful life of an asset and made to allow the continued use of the asset should be recognised as an expense in the period in which it is incurred. In accordance to this document Major Maintenance include the following activities: Maintaining kiosks and Breakers, civil work, fencing for substations and maintenance of control rooms.
Tender	A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification.
Reliability Maintenance	Any maintenance project that is planned for the express reason of improving the reliability of the network. It is thus based on a conscious decision to improve the performance (availability and reliability) of a specific network.
Tender	Refers to a written or virtual competitive offer, quotation, proposal or expression of interest made by a Supplier, in a prescribed form according to the enquiry, in response to an enquiry for the provision of assets, goods, works or services, and/or Investment Recoveries.
Supplier	A supplier is a current or potential supplier, vendor, contractor, consultant, or service provider. A supplier may be a natural or legal person, and includes any employee acting within the course and scope of his/her employment, or any agent or manager acting for or on behalf of, or in the interests of the person registered as supplier on the Eskom Supplier Database.
Tenderer	A term used to refer to a supplier for a tender.

2.3.1 Disclosure Classification

Controlled disclosure: controlled disclosure to external parties (either enforced by law, or discretionary).

2.4 Abbreviations

Abbreviation	Description
CAPEX	Capital Expenditure
CEO	Chief Executive Officer
CIDB	Construction Industry Development Board
EAL	Eskom Academy of Learning
ISO	International Standard Organisation
MV	Medium Voltage

Unique Identifier: ********
Revision: **0**

Page: **5 of 16**

Abbreviation	Description
OU	Operating Unit
OHS	Occupational Health and Safety
OPEX	Operational Expenditure
ORHVS	Operating Regulations for High Voltage Systems
PDE	Power Delivery Engineering
SAQA	South African Qualifications Authority
SCOT	Steering Committee of Technology
SI	Standards Implementation

2.5 Roles And Responsibilities

- a) The PWP Manager shall ensure that this technical evaluation document is implemented for evaluation of suppliers that wish to provide a service of supplying crane mounted trucks to perform various duties at substations.
- b) The Procurement Manager shall ensure that this document is made available to the prospective tenderers.
- c) The Procurement Manager shall confirm that the objective criterion from this document is met before a successful tenderers signs a contract.
- d) HV Plant Department shall continuously assess successful contractors according to this document mandatory and an objective criterion before issuing Task Orders.
- e) Contractors to ensure that they submit their tenders in accordance with the criteria set out in this document.

2.6 PROCESS FOR MONITORING

The document shall be presented to the CFT and accepted to ensure compliance with best technological practices and the Eskom procurement policies whilst synergy is obtained. This document will be revised as and when required.

2.7 Related/Supporting Documents

None

2.8 TET Members

TET members will be formally appointed by the Line Manager and must be available for the complete evaluation process.

The Lead Evaluator will be the Technical Support for that region (HV Plant engineer).

3. Evaluation Criteria

The evaluation criteria described in the following sections should be used to evaluate any service provider that wishes to provide the service for availing trucks as and when needed at various sites in Eskom Tx East Grid.

The technical returnable must be contained in a separate technical file or as a section in a file labelled technical and indexed in a logical manner.

The evaluation will be conducted in four consecutive stages, i.e. Stage 1: Mandatory requirements, Stage 2: Functional requirements evaluation and Stage 3: Site Assessments (if required), Stage 4: Contractual Requirements

Unique Identifier: ********
Revision: **0**

Page: 6 of 16

3.1 Technical Evaluation Stage 1: Mandatory Requirements/Gatekeepers

Table 2 below lists the mandatory requirements that must be submitted by the tenderer: Please note that if any of the requested documentation is omitted (i.e. not submitted), the tender application shall be discarded / disqualified without requesting tenderer/s to submit outstanding documentation/s.

The evaluator shall indicate with a **Yes / No** whether the requirement is met or not. Once the mandatory requirements are satisfied through an evaluation conducted by the evaluator, the technical evaluation for mandatory evidence will proceed. The work category tendered for shall be indicated on table 1 below by means of the tick.

Item No.	Description Evidence Required		Submitted Yes / No
1.	Compliance To Standards	No points will be awarded to these requirements however supplier has to indicate compliance to ALL THE LISTED STANDARD, failing to do so will lead to automatically disqualification.	
2.	Work Experience	Certificate/s as per Annex B	
3.	Qualifications And Accreditation	Certificate/s as per Annex C	
4.	Vehicles, Tools & Equipment	Vehicle , Tools & Equipment List as per Annex D	

Table 1: Mandatory Requirements Work Category tendered for

Table 2.1: Mandatory Requirements (Gatekeepers)

	Criteria	Evidence	Minimum Requirement
1.	Vehicles Register	listed on a register, use the Eskom provided List for this tender.	Submit a Vehicles Register (Only use the Eskom provided template Annexure C: Vehicles Register/List)
			The register must show quantities and if vehicles are owned or hired.
			The register must be signed by the Director/CEO/Owner and dated. (Fully completed and signed).
2.	Proof of Professional accreditation for Annual Load Testing of cranes and Aerial Platforms with Dept of Labour. Certified certification to be submitted.	Valid Certificates	
3	Proof of Professional accreditation for Lifting gear Inspection and Testing with	Valid Certificates	

Unique Identifier: ********
Revision: **0**

Page: **7 of 16**

Criteria	Evidence	Minimum Requirement
Dept of Labour. Certified certification to be submitted.		

3.2 Functional Evaluation Criteria

This will be a desktop evaluation of the functional requirements ONLY. Objective or contractual requirements submitted will not influence the results of Stage 2 evaluation.

The tenderer needs to obtain a minimum threshold score of 70% in order to pass stage 2 evaluation. The scoring system is depicted in the table below. Final score with numbers beyond the decimal point will be rounded up to 1 decimal.

Table 2: Scoring Distribution for Evaluation Criteria

Item	Description			
	Functional Requirements			
1.	Training Requirements & Qualifications	10%		
2	Company Work Related Experience	10%		
3	Tool & Equipment	10%		
4	Vehicles	50%		
5	Provincial footprint capability (Offices in the Ladysmith, Empangeni, Newcastle and Pinetown	20%		

3.2.1 Training Requirements & Qualifications Requirements

This section stipulates the training, authorisation, qualification and accreditation requirements for Crane Truck Services contractors. It should be noted that any requirement that will take significant time to achieve (if not in place) or is directly safety related or has cost implications for the tenderer, is seen as critical. Outstanding items can lead to delays before the contractor can start work. These have been listed in contractual requirements section. The contractor who tenders will have the average score of table 3.1 and 3.2 will be taken.

Unique Identifier: *******

Revision: 0

Page: **8 of 16**

Table 3.1: Training Requirements & Qualifications Requirements for Overhead Network

Item No.	Criteria	Evidence	Evidence Notes	Min Qty.	Max. Score
1.	Truck Mounted Crane Operator	Valid Truck Mounted/ Mobile Hydraulic Crane Operator Certificate (Code 32 - 43) rigging certificate	Certificates must be certified by the commissioner of oaths and not older than 6 months from tender closing date. Certificate must be valid at tender closing date i.e. not expired. Accreditation certificate of the service provider Note: Sharing of resources is not allowed in this contract and if a company is found or suspected of sharing resources, it will be reported to SDL&I department for further investigation and actions.	X1	10
2.	ORHVS Training	Valid ORHVS Course Training certificate, Minimum: HV02.	Certified copies submitted must not be older than 6 months from the tender closing date. Certificate must be valid at tender closing date. Note: Sharing of resources is not allowed in this contract and if a company is found or suspected of sharing resources, it will be reported to SDL&I department for further investigation and actions.	X1	5
3.	Technical Organogram	 Organogram signed by the Managing Director/CEO/Owner Showing at Least Operations Manager, Site supervisor, Linesman, Crane Operator, First aider, Store person, SHE Rep and Safety officer 	Technical persons Organogram signed by the Managing Director/CEO/Owner The organogram must show at Least: Operations Manager, Site supervisor, Linesman, Crane Operator, First aider, Store person, SHE Rep and Safety officer The organogram must be signed by the Director/CEO/Owner and dated.	X1	5

Unique Identifier: ********
Revision: **0**

Page: 9 of 16

Item No.	Criteria	Evidence	Evidence Notes	Min Qty.	Max. Score
4.	Supervision Training	Valid supervision training certificate Relevant SAQA registered Or professionally accredited Training Course	Certified and dated copies submitted must not be older than six months from the tender closing date. Certificate must be valid at tender closing date. Training certificate must be from an accredited training service provider.	X1	10
		TOTAL	-		40
The final score for Skills and Competency Requirements will be calculated by the formul $Final\ Score = \frac{Tenderer\ Score}{Total\ points} \times 40\%$				la below:	

Table 3.2: Additional Training Requirements & Qualifications Requirements

Notes

Note: Sharing of resources is not allowed in this contract and if a company is found or suspected of sharing resources, it will be reported to SD&L (Supplier Development and Leadership) department for further investigation and actions.

Scoring Methodology for Training Requirements & Qualifications	Allocated Score
The required certified valid certificates were submitted and correctly allocated on the organogram	100%
The required certificates not certified and valid and correctly allocated on the organogram	80%
The required certificates not correctly allocated on the organogram	40%
Certificates were not submitted or they are not certified or the certificate had expired already before tender closing date.	0%

Scoring Methodology for Organogram	Allocated Score
Organogram was signed and the minimum persons required are shown on it.	100%
No allocation	80%
Organogram does not show the minimum persons required	40%
Organogram not submitted or Organogram not signed by the CEO or Company director	0%

3.2.2 Company Related Work Experience

This section evaluates the experience of the contractor to enable Eskom to identify the risk associated with using an inexperienced contractor for a critical task such as operating a truck near live equipment. The contractor is expected to demonstrate experience in table 4.1 for overhead and in both 4.1 and 4.2 for those who tenders for overhead and

Unique Identifier: ********

Revision: 0

Page: 10 of 16

underground network. The contractor who tenders for both overhead and underground the average of table 4.1 and 4.2 will be taken.

Table 4.1: Company Work Experience for Overhead Network

Item No	Functional experience		Min Qty.	Max. Score
1	Previous related Electrical R Projects * New Build Or Refurbishment/ Maintenance Or Sub-contracting	 Submit references letters or customer feedback or handing over documents. If sub-contractor including letter stating such in addition to the above requirement. 5 years experience 	X2	10
TOTAL				10

The final score for Related work experience will be calculated by the **formula** below:

Final Score =
$$\frac{Tenderer\ Score}{Total\ Points} \times 10\%$$

Scoring Methodology for Related Work Experience	Allocated Score
Two (2) or more related projects (working within live equipment) completed with corresponding references letters or customer feedback or handing over documents Or	10
Two (2) or more related projects (working under dead conditions) completed with corresponding references letters or customer feedback or handing over	
One (1) related projects (working within live equipment) completed with corresponding references letters or customer feedback or handing over documents Or	4
One (1) related projects (working under dead conditions) completed with corresponding references letters or customer feedback or handing over	
No related projects completed or no corresponding evidence proof submitted	0

3.2.3 Tools and Equipment

- a) Tools and equipment will be evaluated based on the tools register submitted by the tenderers and it must be in the Eskom format provided.
- b) The tenders shall indicate in the tools register if the tools are owned by the company or hired from a bona fide tools hiring company.
- c) An agreement/contract/letter from the bona fide tools hiring company shall be submitted indicating all the tools that are hired for points to be given.

Note:

- 1. Sharing of Tools and Equipment is not allowed in this contract and if a company is found or suspected of Tools and Equipment, it will be reported to SDL&I department for further investigation and actions.
- The tenderer must note that these tools and equipment tabled below do not mean that these are all tools expected for any type of work. It is the responsibility of the contractor that all tools and equipment required for a particular scope of work is made available for each Task Order received.

Unique Identifier:

Revision: 0

11 of 16 Page:

Table 5.1: Tools and Equipment for Overhead Network

Item	Tool	Evidence Required	Ownership requirements	Min. Qty	Max. Score
1	Electrical and mechanical toolbox	Tools List/Register in Eskom Format	To be owned#	1	5
2	Safety Barricade Net 1 ton, 2 ton slings	Tools List/Register in Eskom Format	To be owned #	1	5
3	Bucket Capacity (250kg)		To be owned	1 (per tuck)	4
4	10-13Ton 6x2 / 6X4 / 6x6 Truck Min Engine capacity off 184Kw with 6.1M drop sides and container locks with 20Ton/m to 23Ton/m with Min 4 Ext. behind cab mounted crane	10-12 ton truck with crane)	1	4
5	Truck Tractor with 20- 24Ton/m crane with 4- 5Ext. mounted behind the cab complete with 12M flat deck trailer with container locks and up rights with a minimum loading capacity of 25Tons.	20-24 ton truck with crane with 12m flat deck	•	1	4
TOTAL				1	145

The final score for tools and equipment will be calculated by the **formula** below: $Final\ Score = \frac{Tenderer\ Score}{Total\ Points} \times 25\%$

$$Final\ Score = \frac{Tenderer\ Score}{Total\ Points} \times 25\%$$

Scoring Methodology for Tools and equipment	Allocated Score
Tools List/Register in Eskom format submitted, Tool(s) are owned by tenderer, and Submission meets the minimum number of required tools	5
Tools List/Register in Eskom format submitted, the tool is hired with documented proof from a bona fide hiring company clearly indicating the tool(s) intended to be hired.	4
Tools List/Register in Eskom format submitted, Submission does not meet the minimum number of required tools (applicable to owned and hired tool), or the hiring letter does not specify explicitly the exact name of the tool(s) that is intended to be hired, or the tool that must be owned is hired with proof.	2
Tools List/Register not Signed or not submitted or not in Eskom format or Quantities owned or hired are not indicated or Tools hired without proof from a bona fide hiring company	0

Unique Identifier: ********

Revision: 0

Page: **12 of 16**

3.2.4 Vehicles

a) Vehicles will be evaluated based on the vehicle register submitted by the tenderers and it must be in the Eskom format provided.

- b) For the vehicles listed in the vehicle register, **certified copy** of the vehicle registration document shall be submitted. The registration document shall bare the company name or owner(s)/director's name.
- c) Vehicle hired from bona fide hiring companies, an agreement/contract from the hiring company shall be submitted showing type of vehicle rented/hired.

Note: Sharing of vehicles is not allowed in this contract and if a company is found or suspected of vehicles, it will be reported to SDL&I department for further investigation and actions.

Table 6: Vehicles

Item No.	VECHICLES - OWNED OR HIRED				
INU.	Criteria	Evidence	Evidence Notes	Min. Qty.	Weight
1.	Trucks with crane- (10 Ton, 12 Ton, 24 Ton and Sky Jack minimum)	Registration Certificate in the company / owner's name, or Proof that this can be hired from Bona Fide Vehicle Hire Companies for tenderer	 Full Licence document showing company / owner's information License document must be certified and not older than 6months from the tender closing date. Proof of hiring contract / preapproved letter from Bona Fide Vehicle Hire Companies must be submitted. truck must be in roadworth core COR 	X1	20
		TOTAL SCORE			20
	The final score for	vehicles will be calculated by the $Final\ Score = \frac{Te}{T}$	e formula below: nderer Score Total Points × 25%		

^{*}Equipotential footplate test certificate and crane load test certificates required for contract award

Scoring Methodology for vehicles	Allocated Score
Vehicle owned by tenderer	100%
Vehicle hired with documented proof from a bona fide hiring company and the vehicles to be hired are clearly specified or the vehicle is owned however the copy of registration documents is not certified	80%

Unique Identifier: ********

13 of 16

Revision: 0

Page:

The hiring letter does not specify explicitly the exact name of the vehicle that is intended to be hired	40%
Vehicles Register not Signed or submitted, Quantities owned or hired are not indicated or vehicles hired without proof or Vehicle register is not in the Eskom Format	0%

3.3 Technical Evaluation Stage4: Contractual Requirements

Contractual requirement will not be evaluated during desktop evaluations but will become a requirement before contract award. These requirements have been identified as important for the scope of HV plant work. Contractual requirements should be submitted within the duration determined by procurement department.

*Notes on Building maintenance capabilities

- · This requirement is only for OPEX contracts
- It is a contractual requirement because it does not constitute majority of the scope of the OPEX contract.

4. Authorisation

This document has been seen and accepted by:

Name & Surname	Designation

5. Revisions

Date	Rev.	Compiler	Remarks
August 2022	0	S.C. Myeza	First Issue

6. Development Team

The following people were involved in the development of this document:

Sabelo Myeza

7. Acknowledgements

All team members that contributed to drafting this document and Kiashen Naidoo for the first issue.

Unique Identifier: ********

Revision: 0

Page: 14 of 16

Annexure C: Vehicles Register/List

|--|

		Owned or Hired	If "Owned" provide the information below	
Item No	Mandatory Vehicle		Vehicle Registration Number	Vehicle Make
1	Truck with crane- 10Ton minimum			
2	Truck with crane- 12Ton minimum			
3	Truck with crane- 24Ton minimum			

CONTRACTORS OF CRANE MOUNTED TRUCKS Revision: Page: 15 of 16 Sky Jack

Unique Identifier:

Declaration: I hereby confirm that the vehicle list above is a true reflection of the vehicles owned or hired by my company.

Name : ______ (Company Owner)

Date :_____

TECHNICAL EVALUATION CRITERIA FOR SERVICES

Note: When completing this form, please refer to section 3.2.4 Vehicles

Signature: _____ (Company Owner)

Unique Identifier: ********

Revision: 0

Page: 16 of 16

Annexure D: Detailed Scope of Works

D1. Works Information - HV Works

This contract is for the supply of Labour, Transport and Material for High Voltage Works on substations and all and associated works in the Tx East Grid on an "As and When" required basis at fixed activities and rates. The contractor is to collect and deliver material to and from various sites within SA. It is the responsibility of the contractor that all tools and equipment required for a particular scope of work is made available for each Task Order received.

- The contractor shall adhere to all Eskom procedures and shall confirm that he understands the procedure and will adhere to the procedure at all times.
- The contractor will be required to have Eskom identification on himself and his staff as well as the vehicles used. This identification shall be as per Eskom corporate logo requirements for contractors.
- All work must be performed in accordance with the Scope of Work layout.
- All work must be performed in accordance with the Scope of Work layout.
- Work done by the contractor will be assessed by a number of Eskom personnel. An NCR (None Conformance Report) will be issued to the contractor if work done is found not be according to the required standards and specifications. Where repeated NCR's are issued to the contractor for the same type of mistake and unwillingness from the contractor to correct is evident, the contractor may be charged penalties or a contract be terminated.

D1.1. Description of the works

1. Transportation of Material

a) Safe transportation of material to and from various sites and stores

2. Lifting Eskom personnel and contractors with Bucket on Crane

2.1. Caring Personel in a bucket

- a) Safely Lift authorised personnel different high locations within the substation to perform work.
- 2.2. Mounting Equipment:
- a) Air lifting of various apparatus to be placed in their location (inside or on top of structures)

12. Miscellaneous

a) Contractors may propose and price for any other item not catered in the scope.

13. Commissioning

a) N/A