

	Technical Evaluation Strategy	Engineering
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Title: **Technical Evaluation Strategy
for the Supply, Testing and
Delivery of Structural and
Industrial Steel at Tutuka Power
Station**

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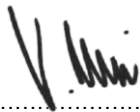
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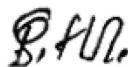
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1. INTRODUCTION

Tutuka Power Station is a coal fired power station and has 3600MW installed capacity and was constructed in the mid 1980's. The Tutuka Power Station is located within the Standerton magisterial district, approximately 21 km northeast of the town Standerton in the Mpumalanga Province.

The purpose of this document is to develop the mandatory and qualitative technical evaluation criteria required to place a contract for the supply, testing and delivery of structural and industrial grade steel at Tutuka Power Station. Technical evaluation criteria will be used to evaluate all tenders received from the Service Provider(s) in response to the Enquiry.

2. SUPPORTING CLAUSES

2.1 SCOPE

Contractor refers to the Employer's Scope of Work for Supply, Testing and Delivery of Structural Steel at Tutuka Power Station **[15ENG GEN-3216]** for the detailed scope of work.

All technical queries are to be directed to the Civil Engineer.

Tenderer/Contractor to provide tender returnable submissions in accordance with the Employer's Technical Evaluation Strategy **[15ENG GEN-3215]** and Scope of Work **[15ENG GEN-3216]**

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Qualitative Evaluation Criteria and TET member responsibilities for tender technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

2.1.2 Applicability

This document is applicable to all appointed and involved in the technical tender evaluation of tenders received from the Service Provider(s) in response to the required works **[15ENG GEN-3216]**

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] | 15ENG GEN-3216 | Scope of Work- Supply, Test & Delivery of Structural Steel at Tutuka Power Station |
| [2] | 240-48929482: | Tender Technical Evaluation Procedure |
| [1] | 240-53716712: | Technical Evaluation Results |
| [2] | 240-53716726: | Technical Scoring Form |
| [3] | 32-1034: | Procurement and Supply Chain Management Procedure |

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2.2.2 Informative

- [1] ISO 9001: 2015 Quality Systems Standard
- [2] OHSA: Occupational Health and Safety Act No. 85 of 1993Health and Safety requirements: Construction 2014

2.3 CLASSIFICATION

- a. **Confidential:** the classification given to information that may be used by malicious/opposing/hostile elements to **harm** the objectives and functions of Eskom Holdings Limited.

2.4 ABBREVIATIONS

Table 1: Abbreviations

Abbreviation	Description
CV	Curriculum Vitae
SHEQ	Safety Health Environment Quality
RFQ	Request For Quote
QCP	Quality Control Plan
TET	Technical Evaluation Team
CIDB	Construction Industry Development Board
SOW	Scope Of Work
OEM	Original Equipment Manufacturer

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

The tender returnables will be evaluated by the Employer's various functions in accordance with the issued tender evaluations i.e., technical and SHEQ.

2.7 RELATED/SUPPORTING DOCUMENTS

As per section 2.2

3. TENDER TECHNICAL EVALUATION STRATEGY

The evaluation criteria will be based upon a qualitative criteria evaluation:

3.1 MANDATORY CRITERIA EVALUATION

N/A

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3.2 QUALITATIVE CRITERIA EVALUATION

All TET members as defined in the Tender Technical Evaluation Strategy (and specifically TET member responsibilities) shall independently evaluate each tender in terms of compliance with the defined Qualitative Evaluation Criteria. Each TET member shall provide an individual scoring form on the compliance / non-compliance of all tenderers' responses to the Qualitative Evaluation Criteria. Each TET member shall provide clear justification(s) for each Qualitative Criteria evaluated as non-compliant (NO'). All individual scoring forms shall be evaluated to check for consistency in scoring of the Qualitative Evaluation Criteria. Should there be inconsistency in the scoring, an internal clarification meeting shall be conducted with all TET members (who performed the evaluation) in the presence of the Commercial Representative. This meeting shall aim to jointly establish which of the tenderers qualify for the next phase. In the case where no tenderer meets all Qualitative Evaluation Criteria this shall be formally escalated to the Commercial Representative who shall guide the subsequent process. All meeting minutes shall be recorded and distributed to the Commercial Representative and included in the Tender Technical Evaluation Report.

The scoring of qualitative criteria shall be based on the degree of achievement by the tenderer to meet the technical requirements. A score shall be allocated as per Table 2: Qualitative Evaluation Criteria Scoring Table, for each technical qualitative criterion. Each TET member shall populate a Tender Technical Evaluation Scoring Form [2] for each tenderer. Note: Individual Qualitative Criteria scores shall only be finalised after all clarification sessions have been concluded.

Table 2: Qualitative Evaluation Criteria Scoring Table

Score	%	Definition
5	100	COMPLIANT Meet technical requirement(s) AND; No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS Meet technical requirement(s) with; Acceptable technical risk(s) AND/OR; Acceptable exceptions AND/OR; Acceptable conditions.
2	40	NON-COMPLIANT Does not meet technical requirement(s) AND/OR; Unacceptable technical risk(s) AND/OR; Unacceptable exceptions AND/OR; Unacceptable conditions.
0	0	TOTALLY DEFICIENT OR NON-RESPONSIVE
Note 1: The scoring table does not allow for scoring of 1 and 3.		
Note 2: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.		

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3.3 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.

3.4 TET MEMBERS

The technical evaluation team will be composed of a minimum of two members per discipline from the table below with at least one being professionally registered per discipline.

Table 3: TET Members

TET number	TET Member Name	Designation
TET 1	Reuben Mbowane	Senior Supervisor
TET 2	Ntando Nkwanyana	Snr Civil Engineering Technologist
TET 3	Vusi Mhlari	Snr Civil Engineer

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3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 4: Qualitative Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Equipment Descriptions		Technical returnables document	100	
1.1	The manufacture/Supplier shall provide proof of having successfully supplied steel material previously in the form of reference letters <u>within the last 10 years</u> of the tender closing date. Reference letters/documents shall be in the form of testimonials and/or Completion Certificates <u>signed by the client with the client's company letterhead</u> for completed projects where the contractor supplied Equipment consisting of the following information: 1. Name of company where project was executed. 2. Lead time achieved. 3. Contact person. 4. Quantity supplied clearly indicating tonnages/kilograms • Proof of previous supply submitted for indicating delivery of steel > 1 000 tons over the period of the contract_ (5/5 points) • Proof of previous supply submitted for indicating delivery of steel 501 - < 1 000 tons over the period of the contract_ (4/5 points) • Proof of previous supply submitted for indicating delivery of steel <500 tons over the period of the contract_ (2/5 points) • No proof of previous supply submitted or unrelated experience _ (0/5 points)		As per Scope of Works [15ENG GEN-3216] List of similar projects/contracts/deliveries and signed references including signed project completion forms (on the client's letterhead) stating the work was completed as per the client's time duration and quality requirements. Reference must indicate the following: 1. Name of company where project was executed. 2. Lead time achieved. 3. Contact person. 4. Quantity supplied clearly indicating tonnages/kilograms For consideration, the letter must indicate that the services were provided within the last 10 years of the tender closing date.		40%

	1.2	Delivery schedule including expected lead times from the time of request to supply, test and deliver the Equipment for a within the specified periods below: - Detailed "Delivery schedule" submitted (Delivery schedule < 2 Months) _ (5/5 points) - Detailed "Project/ delivery schedule" submitted (Project/delivery schedule 2-<5 Months) _ (4/5 points) - Detailed "Project/ delivery schedule" submitted (Project/delivery schedule > 5 Months) _ (2/5 points) - No project/delivery schedule submitted or not satisfactory/irrelevant to SOW_ (0/5 points)	As per Scope of Works [15ENG GEN-3216] Contractor to attach project/delivery schedule clearly indicating lead times for the sourcing of the equipment, testing period and estimated time of delivery to site.		20%
	1.3	Provide detailed Material Data Sheet indicating Testing and Quality Assurance plan as per SOW requirement. - Detailed material data sheet meeting the full technical requirements of the SOW specification _ (5/5 points) - Material data sheet is compliant with the technical requirements of the SOW specification with minor exceptions/technical risks_ (4/5 points) - material data sheet partially meets the technical requirements SOW specification _ (2/5 points) - No detailed method statement for testing and quality Assurance plan submitted, or detailed Testing and Quality Assurance plan submitted with less than SOW specification/ is unsatisfactory _ (0/5 points)	As per Scope of Works [15ENG GEN-3216] Detailed material data sheet highlighting the Contractor's ability ensure the equipment delivered will perform as per specification. The performance of the supplied equipment is a requirement and must perform as specified to operate on site. The material data sheet shall include but not limited to: Steel grades, dimensions and tolerances, chemical composition and mechanical testing results, corrosion protection/ coating and or galvanizing specifications, Welder performance certificate and specification as per ISO standards.		40%

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			For the purposes of the tender evaluation, the material data sheets submitted shall be for the following selected items from the material list: 1. Steel plate 2. Flat bar 3. Round bar 4. Equal angle iron 5. Parallel flange channel 6. Steel gratings 7. Steel pipe section, 8. Flanged Pipe Spool 9. Steel I- Section beam 10. Handrails *NB: in the case where a tender is not the manufacturer on the provided material data sheet, a signed memorandum of understanding/ service agreement letter should be in place between the tenderer and manufacturer.		
				TOTAL: 100	

3.6 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 3
1.1	X	X	X	X
1.2	X	X	X	X
1.3	X	X	X	X
1.4	X	X	X	X
1.5	X	X	X	X

3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	None

Table 7: Unacceptable Technical Risks

Risk	Description
1.	Qualitative technical requirements not submitted [Table 4]
2.	Inability to execute the required works as per scope of work issued [1]

3.7.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	None

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Inability to execute the required works as per Scope of Work issued [1]

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
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Lorness Jacobs	Materials Management Officer
Martine Hermaans	Acting Materials Management Manager
Reuben Mbowane	Senior Supervisor Boilershop
Mikateko Matlole	Mechanical Maintenance & Boilershop Manager
Elvis Maremene	Maintenance Group Manager
Geoff Ledwaba	Engineering Group Manager (Acting)
Frans Mametsa	Procurement Officer

5. REVISIONS

Date	Rev.	Compiler	Remarks
September 2025	0	V. Mhlari	New document
September 2025	1	V. Mhlari	Issued for signature
September 2026	2	V. Mhlari	Revision of qualitative criteria items
September 2026	3	V. Mhlari	Addition of feedback into qualitative criteria

6. DEVELOPMENT TEAM

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

- Ntandoyenkosi Nkwanyana
- Phathamandla Sithole
- Hadzhi Ravhegani

7. ACKNOWLEDGEMENTS

N/A

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