

	Strategy	Technology
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Treatment Plant Upgrade
Technical Evaluation Strategy**

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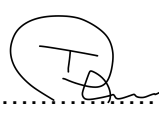
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1. INTRODUCTION

Duvha Power Station (PS) is in the process of upgrading their Cooling Water Treatment Plants (CWTPs) which are used for alkalinity control of the Cooling Water (CW). There are two CWTPs on the station, one serving the North CW system and one serving the South CW system. Each plant consists of two storage silos (one for hydrated lime and one for soda ash) as well as two slurry makeup and transfer systems. These makeup and transfer systems each consist of a vibrating bin unit connected to the storage silo fitted with a feeder setup. The chemicals are fed to a slurry dilution tank with a mechanical stirrer. From the slurry dilution tank the slurry is supplied to the clarifiers centre well via piping. The upgrade will include all electrical, mechanical, civil and structural as well as control and instrumentation equipment.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document contains all the multi-disciplinary design team's technical requirements that will be evaluated, the evaluation team members along with their responsibilities and also describes the acceptable and unacceptable risks, qualifications and/or conditions.

The technical evaluation requirements consist of the following criteria:

- Mandatory Evaluation Criteria
- Qualitative Evaluation Criteria
- Acceptable / Unacceptable Qualifications

2.1.1 Purpose

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

2.1.2 Applicability

This document shall apply to the Duvha Power Station.

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] 240-48929482: Tender Engineering Evaluation Procedure
- [2] 382-ECM-BEEC-D00035-25: Duvha Cooling Water Treatment Plant Upgrade Technical Specification
- [3] ISO 9001 Quality Management Systems
- [4] 32-1034 Eskom Procurement Policy
- [5]

2.2.2 Informative

- [6] None
- [7] 240-53113685: Design Review Procedure

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[8] 240-53114026: Project Engineering Change Management Procedure

[9]

2.3 DEFINITIONS

Definition	Description
Contractor/Tenderer	Refers to the corporation appointed to perform the engineering, procurement, and construction works required for the project.
Employer	Refers to Eskom Holdings State Owned Company
Eskom Plant Engineering	Refers to the Eskom Engineering team who will perform the reviews and provide technical assistance for the work performed by the appointed Contractor.
Specification	The document/s forming part of the contract in which the methods of executing the various items of work to be done is described, as well as the nature and quality of the materials to be supplied and it includes technical schedules and drawings attached thereto as well as all samples and patterns
The Client	The end user will be Eskom who will be represented by Kendal Power Station throughout the duration of the Project.

Definition	Description
Tender	A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification.

2.3.1 Disclosure Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
CAD	Computer Aided Design
CoE	Centre of Excellence
DWS	Department Water and Sanitation
ECSA	Engineering Council of South Africa
EDWL	Engineering Design Work Lead
KWS	Komati Water Scheme
LDE	Lead Design Engineer
TET	Technical Evaluation Team
WTP	Water Treatment Plant

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

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2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

N/A

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3. TECHNICAL TENDER EVALUATION STRATEGY

A two stage Technical Evaluation Strategy is set out.

Stage 1: Mandatory Technical Evaluation Criteria (gatekeepers) are 'must meet' criteria. These criteria are not weighted or points scored but, are assessed on a Yes/No basis to ascertain whether or not the criteria are met. An assessment of 'No' against any mandatory criterion will disqualify the tenderer and the tenderer will not be evaluated against Qualitative Criteria.

Stage 2: Qualitative Technical Evaluation Criteria are weighted evaluation criteria used to identify the highest technically ranked tenderer. The Qualitative Evaluation Criteria are weighted to reflect the relevant importance of each criterion. The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.

In order to be eligible for evaluation, the tenderer shall meet all the mandatory requirements.

The evaluation of tenders will be based on the tenderer's ability to meet the requirements specified in the Duvha Cooling Water Treatment Plant Upgrade Technical Specification. A weighted score card approach will be used to evaluate the tenders against the Employer's requirements. The following scoring method will be used in general. It will be specified where other scoring methods is used.

Table 1: Scoring Method

SCORE	PERCENTAGE	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none">• Meet technical requirement(s)/AND;• No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none">• Meet technical requirement(s) with;• Acceptable technical risk(s) AND/OR;• Acceptable exceptions AND/OR;• Acceptable conditions.
2	40	NON-COMPLIANT <ul style="list-style-type: none">• 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

The evaluation scores will be weighted as follows according to disciplines:

Table 2: Evaluation Scores

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Technical (100%)	
3.5 General	20%
3.6 Process	15%
3.7 Mechanical	15%
3.8 Control & Instrumentation	20%
3.9 Electrical	10%
3.10 Civil	15%
3.11 Configuration – and Documentation Management	5%
TOTAL (100%)	
Overall minimum threshold for qualification (70%)	

3.1 TECHNICAL EVALUATION THRESHOLD

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

3.2 TET MEMBERS

The full time core technical evaluation team that will be reviewing the technical returnable will consist of the following team members (in-line with Technical Evaluation Procedure 240-48929482):

Table 3: Core TET Members

TET number	TET Member Name	Designation
1	Sumayyah Sulliman	Chief Engineer Prof Engineer
2	Dheneshree Lalla	Corporate Specialist Chem
3	Thabiso Masethe	Auxiliary System Engineer (Mechanical)
4	Denise Naidoo	Civil/ Structural Engineer
5	Vusi Chirwa	Civil/ Structural Engineer
6	Nomfundo Mdlokovana	Engineer: Duvha Power Station (C&I)
7	Lethukuthula Ndwandwe	Engineer: Duvha Power Station (C&I)
8	Andrew Sibiya	Electrical Snr Technician Eng
9		

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3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 4: Mandatory Technical Evaluation Criteria

	KPA-Area of Evaluation	Weight (%)	KPI-Criteria evaluation indicator	Minimum Criteria Evaluation Requirements	Source	(%)				
							YES	NO	N/A	
1	Mandatory Criteria		The lead disciplines (Mechanical, Chemical, Civil, C&I and Electrical design engineers are required to be a professionally recognised/registered engineer/technologist with ECSA.	All requirements met since this is a mandatory criteria	(1) Current ECSA certificates indicating professional status of Process/Chemical, Civil, C&I, Electrical and Mechanical Engineers (2) A letter stating that all final designs will be signed off by a professional engineer (s)/technologist (s).	N/A				
2	Mandatory Criteria		The tenderer is required to show evidence that they are the approved Installer of the ABB Infi90 DCS and 800xA HMI and have installed the Infi90 DCS and HMI or Send proof that they subcontracted the OEM for the Infi90 DCS and 800xA HMI scopes.	All requirements met since this is a mandatory criteria	Provide a letter from ABB that the supplier is an authorised installer of the ABB Infi90 DCS and 800xA HMI and a previous order number for the Installation of the Infi90 DCS and 800xA HMI or Provide a letter from the OEM (ABB) stating that they will be subcontracted and will be responsible for the execution of the Infi90 DCS and 800xA HMI should the company secure the contract.	N/A				
3	Mandatory Criteria		Proof of company CIDB rating grade 7ME and 7CE	All requirements met since this is a mandatory criteria	Provide proof of CIDB grading certificate	N/A				
4	Mandatory Criteria		Exclusions or non-acceptance of sow of work requirements	Provide a signed letter indicating that no exclusion from the SOW	Doc num: 382-ECM-BEECD00035-25	N/A				

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3.4 QUALITATIVE CRITERIA EVALUATION

During the tender evaluations the following table shall be used by the TET members to score each criterion on a scale of 0 to 5 as per Table 5.

Table 5: Qualitative Evaluation Criteria

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
<p>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.</p>		

Table 5 indicated the qualitative technical evaluation criteria that shall be used by the technical tender evaluation team.

3.5 GENERAL EVALUATION CRITERIA (20%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)	Scoring Criteria
3.5	General Evaluation Criteria	20%			
3.5.1	Company's background and experience on design and construction of Lime Treatment plant projects or Similar project		7%	<p><i>The proposal clearly states similar or related projects which proves company's appropriateness to accomplish the project objective within the proposed time and to an acceptable quality level</i></p> <p>(1) Provide Testimonials or Completion Certificates for completed projects consisting of the following information:</p> <ul style="list-style-type: none"> Name of company/s where similar project/s 	<p>5= 100% = 3 or more completed projects of similar nature indicating: (1)</p> <p>4= 80% = 1-2 completed projects of similar nature indicating: (1)</p> <p>2=40% Have completed projects but have Provided incomplete information from what was requested.</p> <p>0= 0% = 0 completed projects of similar nature indicating: (1)</p>

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			2%	<p>was/were executed</p> <ul style="list-style-type: none"> Project Description (incl,plant capacity, implemented technology) Construction period Contract value Contact person <p>(2) Provide company website link where lime plant project experience is indicated</p>	<p>0=0% No Website link provided</p> <p>5=100% Atleast one website link provided where lime plant project experience is shown.</p>
3.5.2	Resources allocation & capacity		3%	<p>Provide CV's of key personnel as specified below: Minimum 5 years' experience for all. Plus qualification</p> <p><u>Mechanical Engineering:</u></p> <ul style="list-style-type: none"> Mechanical Engineer/Technologist (Indicating bulk material handling experience) <p><u>Process Engineer:</u></p> <ul style="list-style-type: none"> Engineer/Technologist (Must have experience in the design, construction and commissioning of Lime Treatment plant systems) <p><u>C&I and Electrical Engineering:</u></p> <ul style="list-style-type: none"> Professional ECSA Registered Electrical Engineer/Technologist (Design and Construction) <p><u>Civil Engineering:</u></p> <ul style="list-style-type: none"> Professional ECSA Civil Engineer/Technologist (Design and Construction) <p><u>Construction Management</u></p>	<p>5= 100% CV's provided all meeting minimum of 5 experience requirement and Qualifications</p> <p>4=80% CV's provided all meeting minimum Of 5 experience requirement and Qualifications</p> <p>2= 40% CV's provided all meeting minimum Of 5 experience requirement and Qualifications</p> <p>0=0% No CV's provided/All don't meet minimum requirement of 5 years experience and Qualifications</p>

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				Professional: Professional Construction/Project Manager	
3.5.3	Project Execution Plan		3%	Provide typical project methodology document detailing how the Tenderer proposes to execute the Works, including de-commissioning, dismantling, transport, design, manufacture, delivery, erection, commissioning and handover.	5=100% Proposal provides all requested information 4=80% Provided more than half but less than 100% information 2=40% Provided less than half requested content 0=% No methadology supplied
			5%	Provide a signed organogram of key personnel of the main contractor assigned to the project. Typically an Organogram should include Management team, Project Manager, design engineers, professional engineers approving designs, site personnel for construction monitoring, Project Planner as minimum. The Tenderer shall also demonstrate how tenderer's Sub-Contractor and suppliers shall interface with the project management team	5=100% Signed orgonogram provided with key personel shown 4=80% Orgonogram provided with key persoel but not relevant to this project or signed 2=40% Orgonogram provided but not relevant to this project 0=% No orgonogram provided

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3.6 PROCESS EVALUATION CRITERIA (15%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)	Scoring Criteria
3.6	Process Evaluation Criteria: Technically understanding the Scope of Work	15			
3.6.1	The proposal addresses project objectives and the Employers process design requirements.		5%	PFD with mass balances and process descriptions including justifications for changes to the Employers process design.	<p>5 = 100% = COMPLIANT</p> <ul style="list-style-type: none"> Meet technical requirement(s)/AND PFD, Mass balance and design justifications provided <p>4 = 80% = COMPLIANT WITH ASSOCIATED QUALIFICATIONS</p> <ul style="list-style-type: none"> Meet technical requirement(s) with; Acceptable exceptions AND/OR; PFD, ma <p>2 = 40% = NON-COMPLIANT</p> <ul style="list-style-type: none"> Does not meet technical requirement Only PFD/mass balance provided
3.6.2	Knowledge of related Lime Plant standards and design principles		2.5 %	Provide a description of lime plant design principles inclusive of related lime plant standards.	<p>0 = 0% = TOTALLY DEFICIENT OR NON-RESPONSIVE</p> <p>5=100% The description shows lime plant design knowledge</p> <p>4=80% The description shows lime plant design knowledge but with minor limitations</p> <p>2=40% The description shows minimal lime plant knowledge</p>
3.6.3	Conversion of lime silo to soda ash on South Plant		2.5 %	Method statement indicating selection of lining system, chemical compatibility and application methodology	<p>0=0% The description shows no understanding of intricacies of the design/ no description provided.</p>

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3.6.4	Dilution water flow		2.5 %	The system will be designed to at all times be able to supply water to all mixing tanks simultaneously at a rate 20% higher than that of the slurry pumps (49.49m ³ /h per pump). Thus, dilution water needs to be supplied up to 240m ³ /h (per plant) for worst case operation.	5 -Evidence that the design will achieve 240m ³ /hr 0 – Cannot achieve 240m ³ /hr
3.6.5	Dosing rates		2.5 %	Calculations / methodology provided to indicate how min and max will be met	5 – demonstration that all min and max rates will b achieved 4 – Demonstration that min and max for lime will be achieved but not for soda ash 2 – Demonstration that max will be achieved but no information on min 0 – no demonstration of achieving min and max dosing rates

Description	North Plant		South Plant	
	Min	Max	Min	max
Hydrated Lime				
Mass flow (kg/h)	212	2500	107	1120
Soda Ash				
Mass Flow (kg/h)	86	523	24	463

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3.7 MECHANICAL EVALUATION CRITERIA (15%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)	Scoring Criteria
3.7	Mechanical Evaluation Criteria:	15%			
3.7.1	The Tenderer must submit a preliminary concept design indicating the sizing of all equipment to be installed to meet the Employer's Mechanical Requirements as indicated in 3.1.6 and 3.1.7		10%	1. Preliminary Concept Design Report	<p>5 = 100% = COMPLIANT</p> <ul style="list-style-type: none"> Meet technical requirement(s)/AND No foreseen technical risk(s) in meeting technical requirements. <p>4 = 80% = COMPLIANT WITH ASSOCIATED QUALIFICATIONS</p> <ul style="list-style-type: none"> Meet technical requirement(s) with;
3.7.2	The tenderer must submit data sheets for major equipment to be supplied		2.5%	1) Technical Data Sheets for proposed equipment, plant & instrumentation (centrifugal pumps , dosing screw feeders, screw conveyor, mixer , scrubber, valves, piping, pressure gauge, pulse jet fabric filter , dehumidifier .	<ul style="list-style-type: none"> Acceptable technical risk(s) AND/OR; Acceptable exceptions AND/OR; Acceptable conditions. <p>2 = 40% = NON-COMPLIANT</p> <ul style="list-style-type: none"> Does not meet technical requirement(s) AND/OR; Unacceptable technical risk(s) AND/OR; Unacceptable exceptions AND/OR; Unacceptable conditions.
3.7.3	HAZOP report of similar works		2.5%	1) Provide a HAZOP Report of similar works.	<p>0 = 0% = TOTALLY DEFICIENT OR NON-RESPONSIVE</p>

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3.8 CONTROL AND INSTRUMENTATION EVALUATION CRITERIA (20%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)	Scoring Criteria
3.8	Control and Instrumentation Evaluation Criteria	20%			
3.8.1	Demonstrate the level of relevant system integration experience for the offered Control System.		3%	Provides CV's for the resources undertaking the Control and Instrumentation design.	5 = 100% = COMPLIANT <ul style="list-style-type: none"> Meet technical requirement(s)/AND No foreseen technical risk(s) in meeting technical requirements.
3.8.2	Tenderer in his/her new design takes into consideration existing OEM's design requirements, existing OEM's service/maintenance agreements and adheres to these without impact to the existing designs.		7%	Letter of confirmation indicating that the new design takes into account existing OEM's design. Alternatively, motivate for any deviations.	4 = 80% = COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none"> Meet technical requirement(s) with; Acceptable technical risk(s) AND/OR; Acceptable exceptions AND/OR; Acceptable conditions.
3.8.3	Compliance to C&I requirement as depicted in section 3.1.12.		3%	The main Contractor or Subcontractor shall confirm compliance to the full C&I scope of work for the Works: a) Compliance to scope of work, b) Intend to undertake full scope of work, c) Compliance to standards and specifications. Alternatively, motivate for any deviation.	2 = 40% = NON-COMPLIANT <ul style="list-style-type: none"> Does not meet technical requirement(s) AND/OR; Unacceptable

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3.8.4	The tenderer provides a project method statement highlighting how the tenderer intends to execute the C&I scope of work.		7%	Project method statement	technical risk(s) AND/OR; <ul style="list-style-type: none"> Unacceptable exceptions AND/OR; Unacceptable conditions. 0 = 0% = TOTALLY DEFICIENT OR NON-RESPONSIVE
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3.9 Electrical evaluation criteria (10%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)	Scoring Criteria
3.9	General criteria	10%			
3.9.1	Compliance to electrical requirement as depicted in section 3.1.13		1%	The main Contractor or Subcontractor shall confirm compliance to the full electrical scope of work for the Works: <ul style="list-style-type: none"> a) Compliance to scope of work, b) Intend to undertake full scope of work, c) Compliance to standards and specifications. Or submit a deviation schedule.	Refer to table 1 above
3.9.2	Compliance to electrical requirement as depicted in section 3.1.13		4%	The main Contractor or Subcontractor shall provide a high level single line diagram or block diagram to demonstrate or summarise the required electrical scope of work.	Refer to table 1 above
3.9.3	Compliance to electrical requirement as depicted in section 3.1.13		1%	The main Contractor or Subcontractor shall provide a description of scope work to be performed on the existing switchgear (only on the affected circuit numbers), including the required cabling	Refer to table 1 above

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				scope of work.	
3.9.4	Compliance to electrical requirement as depicted in section 3.1.13		4%	The main Contractor or Subcontractor shall provide high level concept design drawings or layout drawings as returnable with clear legend demonstrating how the new equipment will be bonded to the existing station earth mat.	Refer to table 1 above

3.10 CIVIL EVALUATION CRITERIA (15%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)	Scoring Criteria
3.10	Civil criteria	15%			
3.10.1	Structural Design Experience		15%	Tenderer to have minimum 10 years' experience in structural design and analysis with at least 5 designs of silos with vibrating bins and Finite Element Analysis	<p>5= > 10 years experience and/or >5 designs of silos or more completed projects of similar nature</p> <p>4 10 years experience and/or 5 designs of silos completed projects of similar</p> <p>2< 10 years experience and/or <5 designs of silos Have completed projects but have Provided incomplete information from what was requested.</p> <p>0.0 = 0 completed projects of similar nature</p>

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3.11 CONFIGURATION – AND DOCUMENT MANAGEMENT CRITERIA (5%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)	Scoring Criteria
3.11	Configuration – and Document Management Criteria	5%			
3.11.1	The contractor needs to indicate if drawings will be provided in Micro station V8		2.5%	Provide Configuration Management Plan	5 = 100% = COMPLIANT <ul style="list-style-type: none"> Meet technical requirement(s)/AND No foreseen technical risk(s) in meeting technical requirements.
3.11.2	The contractor needs to provide a stipulated Handover Plan, stating when and how they plan, submitting Documentation to Eskom, in line to the agreed Vendor Document Submission Schedule (VDSS). (Documentation submission during project phases).		2.5%	Provide VDSS	4 = 80% = COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none"> Meet technical requirement(s) with; Acceptable technical risk(s) AND/OR; Acceptable exceptions AND/OR; Acceptable conditions. 2 = 40% = NON-COMPLIANT <ul style="list-style-type: none"> Does not meet technical requirement(s) AND/OR; Unacceptable technical risk(s) AND/OR; Unacceptable exceptions AND/OR; Unacceptable

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					conditions. 0 = 0% = TOTALLY DEFICIENT OR NON-RESPONSIVE
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4. TET MEMBER RESPONSIBILITIES

Table 3: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6	TET 7	TET 8	TET 9
3.3 (1)	X	X	X	X	X	X	X	X	
3.3 (2)						X	X		
3.3 (3)	X	X	X	X	X	X	X	X	
3.3 (4)	X	X	X	X	X	X	X	X	
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6	TET 7	TET 8	
3.5	X	X	X	X	X	X	X	X	
3.6	X	X							
3.7	X	X	X						
3.8						X	X		
3.9				X	X			X	
3.10			X						
3.11	X	X	X	X	X	X	X	X	

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4.1 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

4.1.1 Risks

Table 4: Acceptable Technical Risks

Risk	Description
1.	Alternative solutions with the same or better performance

Table 5: Unacceptable Technical Risks

Risk	Description
1.	Exclusions of scope specified in the employers requirements
2.	Unclear staff organogram. I.e. the staffing plan is weak not showing clarity in allocation of tasks and responsibilities
3.	Exclusion of a project specific schedule

4.1.2 Exceptions / Conditions

Table 6: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Accept deviation with technical qualification

Table 7: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Deviation without technical qualification not accepted

5. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation
Sumayyah Sulliman	Chief Engineer Prof Engineer
Dheneshree Lalla	Corporate Specialist Chem
Thabiso Masethe	Auxiliary System Engineer (Mechanical)
Denise Naidoo	Civil/ Structural Engineer
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6. REVISIONS

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06/06/2019	0	CL Phillips	First Draft
05/07/2021	1	T Masethe	Second Draft

7. DEVELOPMENT TEAM

All Technical Evaluation Team Members were involved with the development of this document.

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8. ACKNOWLEDGEMENT

Not applicable

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APPENDIX A: COMBINED TECHNICAL EVALUATION STRATEGY