

	Strategy	Hendrina Power Station
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Title:	Technical Evaluation Strategy for the Provision of Fire, Hazmat, Rescue and Emergency Medical Services	Unique Identifier:	380-136871
		Alternative Reference Number:	N/A
		Area of Applicability:	Risk and Assurance
		Documentation Type:	Strategy
		Revision:	0
		Total Pages:	17
		Next Review Date:	N/A
		Disclosure Classification:	CONTROLLED DISCLOSURE

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.....	3
2.2.1 Normative.....	3
2.2.2 Informative	3
2.3 DEFINITIONS	4
2.3.1 Classification	4
2.4 ABBREVIATIONS	4
2.5 ROLES AND RESPONSIBILITIES.....	4
2.6 PROCESS FOR MONITORING.....	5
2.7 RELATED/SUPPORTING DOCUMENTS.....	5
3. TENDER TECHNICAL EVALUATION STRATEGY.....	5
3.1 TECHNICAL EVALUATION THRESHOLD	5
3.2 TET MEMBERS	5
3.3 MANDATORY TECHNICAL EVALUATION CRITERIA	6
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA.....	7
3.5 TET MEMBER RESPONSIBILITIES.....	18
3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS.....	19
3.6.1 Risks	19
3.6.2 Exceptions / Conditions	19
4. AUTHORISATION	20
5. REVISIONS.....	20
6. DEVELOPMENT TEAM.....	20

TABLES

Table 1: TET Members.....	5
Table 2: Mandatory Technical Evaluation Criteria.....	6
Table 3: Qualitative Technical Evaluation Criteria	7
Table 4: TET Member Responsibilities.....	18
Table 5: Acceptable Technical Risks.....	19
Table 6: Unacceptable Technical Risks	19
Table 7: Acceptable Technical Exceptions / Conditions.....	19
Table 8: Unacceptable Technical Exceptions / Conditions.....	19

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1. INTRODUCTION

Technical evaluations are a critical activity performed by subject matter experts in accordance with 32-1033: Eskom Procurement and Supply Chain Management Policy and 32-1034: Eskom Procurement and Supply Management Procedure during the tender process.

The process to be followed in performing technical evaluations during the tender evaluation process must be consistent throughout Eskom.

This strategy shall ensure that a consistent, fair, transparent, impartial, and auditable process is followed to technically rank tenders.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document describes the process to be followed for the technical evaluation of the Provision of Fire, Hazmat, Rescue and Emergency Medical Services at Hendrina Power Station

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and the Technical Evaluation Team members' responsibilities for tender technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

To provide a consistent approach for processes and principles to be followed when technically evaluating tenders.

2.1.2 Applicability

This strategy is applicable to Hendrina Power Station's, Risk and Assurance Group for Fire Risk Management

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] 240-168966153: Generation Tender Technical Evaluation Procedure
- [2] 32-1033: Eskom Procurement and Supply Chain Management Policy
- [3] 32-1034: Eskom Procurement and Supply Chain Management Procedure
- [4] 240-76879530: Procurement Request Template
- [5] 380-136863: Scope of Work for the Provision of Fire, Hazmat, Rescue and Emergency Medical Services at Hendrina Power Station

2.2.2 Informative

- [6] 240-126467668 – Operational Standard for Inspection, Testing of Fire and Rescue Non-Plant Equipment in Generation
- [7] ISO 9001 – Quality Management System
- [8] 32-128 – Technical Specification on Personal Protective Clothing and Equipment for Firefighters

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- [9] NFPA 1855: Standard on Selection, Care, and Maintenance of Protective Ensemble for Technical Rescue Incidents
- [10] NFPA 1937 – Standard for the Selection, Care and Maintenance of Rescue Tools

2.3 DEFINITIONS

2.3.1 Accreditation: A person or Organization who is officially recognized or authorized for being qualified to perform a particular activity, after having undergone a specific process.

2.3.2 Approved Service Provider: A service provider who has proven competence in providing services related to Fire and Emergency Services. An institution or person recognised or authorised to render Life support functions.

2.3.2 Authorised Person: person who is registered as competent within the scope of work for which an organisation approved by the chief inspector has registered that person;

SAQCC (IPE) inspector of pressurised equipment

SAQCC (Gas) registered gas practitioner in the applicable field

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
AEA	Ambulance Emergency Assistant
BAA	Basic Ambulance Assistant
BHF	Board of Healthcare Funders
BLS	Basic Life Support
CV	Curriculum Vitae
HAZMAT	Hazardous Material
HPCSA	Health Professions Council of Southern Africa
ILS	Intermediate Life Support
NFPA	National Fire Protection Association
SAQCC	The South African Qualifications and Certification Committee
SCBA	Self-Contained Breathing Apparatus
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team
US	Unit Standard

2.5 ROLES AND RESPONSIBILITIES

As per 240-168966153: Generation Tender Technical Evaluation Procedure for Generation

Accountable Manager: Responsible for the appointment of the Technical Evaluation Team Members

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Responsible Person: Responsible for the Technical Evaluation Process

TET Member: Responsible to review and evaluate technical aspects of the tender documentation as per the Tender Technical Evaluation Strategy.

2.6 PROCESS FOR MONITORING

240-53114190: Internal Audit Procedure

2.7 RELATED/SUPPORTING DOCUMENTS

[11] 240-53716746: Tender Technical Evaluation Report Template

[12] 240-53716712: Tender Technical Evaluation Results Form Template

[13] 240-53716726: Tender Technical Evaluation Scoring Form Template

[14] 240-106871290: Technical Evaluation Team Member Appointment Letter Template

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

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

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1		
TET 2		
TET 3		

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3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Registered Health Service Provider with the Board of Healthcare Funders of Southern Africa (BHF)	Provide a Letter from the BHF indicating the Practice Number and the Name of the Supplier	To verify the legitimacy of operation as Approved Service Provider is required to Operate an Ambulance within and around Hendrina Power Station.
2.	Registered with the Mpumalanga Provincial Department of Health	Operating License Certificate issued by the Mpumalanga Provincial Department of Health as an Intermediate Life Support Ambulance service provider	To ensure that the approved service provider complies to regulation, quality control and patient safety.
3.	Medical Malpractice Liability, Public Liability and Professional Indemnity cover	Insurance Policy Schedule showing cover for Medical Malpractice, Professional and Public Liability cover for the Supplier	To ensure that the Approved Service Provider can address Clinical Negligence, Breach of professional duty and Non-medical related accidents.

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description			Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Approved Service Provider's Experience			Letter of Recommendation and Signed Contract, Purchase Orders or Completion Certificate	40	100
	1.1	Proof of similar work experience			20	50
			2 or more similar service was rendered	Provide two (2) Letters of recommendations or Completion Certificates or Purchase Orders with contactable references where similar work was performed	5	100
			1 similar service was rendered	Provide one (1) Letter of recommendation or Completion Certificate or Purchase Order with contactable references where similar work was performed	2	40
			No similar service was rendered	Provide nil (0) Letters of recommendations or Completion Certificates or Purchase Orders with contactable references where similar work was performed	0	0
	1.2	Proof of duration on similar work experience			20	50
			>3 years of Fire and Emergency Service provision.	Provide evidence of Signed Contract, Purchase orders and/or Completion Certificate	5	100
			2 ≤ 3 years of Fire and	Provide evidence of Signed Contract, Purchase orders	4	80

			Emergency Service provision.	and/or Completion Certificate		
			1 ≤ 2 years of Fire and Emergency Service provision.	Provide evidence of Signed Contract, Purchase orders and/or Completion Certificate	2	40
			0 ≤ 1 years of Fire and Emergency Service provision.	Provide evidence of Signed Contract, Purchase orders and/or Completion Certificate	0	0
2.	Staff Complement and Qualifications				60	100
	2.1	Safety Officer		Provide Certified Qualifications, Certifications and Contactable References for verification to Proof of Experience or Letters of recommendations	15	25
		2.1.1	Qualifications		7.5	50
				Matric Certificate, National Diploma in Occupational Health and Safety Management, Disaster and Safety Management or Fire Technology	5	100
				Matric Certificate	2	40
				No proof of Qualification	0	0
		2.1.2	Certifications and Competencies		4.5	30
				HIRA, Incident Investigation Training, Legal Liability, SAMTRAC, End User Computing with literacy in Microsoft Word, Excel, PowerPoint, Outlook and Teams, Facilitation Skills	5	100
				HIRA, Incident Investigation Training, Legal Liability, SAMTRAC, End User Computing with literacy in	4	80

				Microsoft Word, Excel, PowerPoint, Outlook and Teams		
				HIRA, Incident Investigation Training, Legal Liability, SAMTRAC,	2	40
				No proof of Competency	0	0
		2.1.3	Proof of Experience		3	20
				2 years or more experience as a Safety Officer	5	100
				Less than 2 years, but ≥ 1 year	4	80
				Less than 1 year	2	40
				No experience	0	0
		2.2	Supervisor	Provide Certified Qualifications, Certifications and Contactable References for verification to Proof of Experience or Letters of recommendations	15	25
		2.2.1	Qualifications		6	40
				Grade 12 or equivalent Higher certificate in Fire Technology NQF level 5 or T1 Academic Record in Fire Technology	5	100
				Grade 12 or equivalent	2	40
				No proof of Qualification	0	0
		2.2.2	Certifications and Competencies		4.5	30
				- NFPA 1021 Fire Officer 1 - Incident commander course - Advance Industrial firefighting or firefighter 1 & 2 or NQF level 4 further education and training in	5	100

				fire and rescue operations • Hazmat awareness • Hazmat operations • Hazmat Technician • Advance fire prevention • Pump operator course • Fire investigation • High angle rope rescue two (2) • Vehicle extrication • Confined Space Rescue • Risk Assessment Training • End User Computing with literacy in Microsoft Word, Excel, PowerPoint, Outlook and Teams		
				• NFPA 1021 Fire Officer 1 • Incident commander course • Advance Industrial firefighting or firefighter 1 & 2 or NQF level 4 further education and training in fire and rescue operations • Hazmat awareness • Hazmat operations • Hazmat Technician • Advance fire prevention • Pump operator course • Fire investigation • High angle rope rescue two (2)	4	80

				• Confined Space Rescue		
				• NFPA 1021 Fire Officer 1 • Incident commander course • Advance Industrial firefighting or firefighter 1 & 2 or NQF level 4 further education and training in fire and rescue operations • Hazmat awareness • Hazmat operations • Hazmat Technician • Advance fire prevention	2	40
				• NFPA 1021 Fire Officer 1 • Incident commander course • Advance Industrial firefighting or firefighter 1 & 2 or NQF level 4 further education and training in fire and rescue operations • Hazmat awareness • Hazmat operations	0	0
		2.2.3	License and Registration		3	20
				Code 14 driver's license Valid Public Drivers Permit (PrDP) Professional Registration with HPCSA as ANA	5	100
				Code 10 driver's license Valid Public Drivers Permit (PrDP) Professional Registration with HPCSA as ANA	4	80

				Code 10 driver's license Valid Public Drivers Permit (PrDP) Professional Registration with HPCSA as BAA	2	40
				Code 10 driver's license Invalid or no Public Drivers Permit (PrDP) Invalid or no Professional Registration with HPCSA as ANA nor BAA	0	0
		2.2.3	Proof of Experience		1.5	10
				5 years or more related experience in the Fire Services, 3 years or more in similar environment Firefighting. 2 years' or more experience as supervisor	5	100
				Less than 5 years, but ≥ 3 years related experience in the Fire Services Less than 3 years, but ≥ 2 years similar environment Firefighting. Less than 2 years, but ≥ 1 year experience as supervisor	4	80
				Less than 3 years, but ≥ 2 years related experience in the Fire Services Less than 2 years, but ≥ 1 -year similar environment Firefighting. Less than 1 year, but ≥ 1 year experience as supervisor	2	40
				Less than 2 years related experience in the Fire Services Less than 1-year similar environment Firefighting. Less than 1 year experience as supervisor	0	0
		2.3	Team Captains	Provide Certified Qualifications, Certifications and	15	25

				Contactable References for verification to Proof of Experience or Letters of recommendations		
		2.3.1	Qualifications		6	
				Grade 12 or equivalent NFPA 1021 Fire Officer 1 Incident commander course	5	100
				Grade 12 or equivalent NFPA 1021 Fire Officer 1	4	80
				Grade 12 or equivalent Incident commander course	2	40
				Grade 12 or equivalent	0	0
		2.3.2	Certifications and Competencies		4.5	30
				Advance Industrial firefighting or firefighter 1 & 2 or NQF level 4 further education and training in fire and rescue operations Hazmat awareness Hazmat operations Hazmat Technician Advance fire prevention Pump operator course High angle rope rescue two (2) Vehicle extrication Confined Space Rescue	5	100
				Advance Industrial firefighting or firefighter 1 & 2 or NQF	4	80

				level 4 further education and training in fire and rescue operations Hazmat awareness Hazmat operations Hazmat Technician Pump operator course High angle rope rescue two (2)		
				Advance Industrial firefighting or firefighter 1 & 2 or NQF level 4 further education and training in fire and rescue operations Hazmat awareness Hazmat operations Pump operator course	2	40
				Advance Industrial firefighting or firefighter 1 & 2 or NQF level 4 further education and training in fire and rescue operations Hazmat awareness Hazmat operations	0	0
		2.3.3	License and Registration		3	20
				Code 14 driver's license Valid Public Drivers Permit (PrDP) Professional Registration with HPCSA as ANA	5	100
				Code 10 driver's license Valid Public Drivers Permit (PrDP) Professional Registration with HPCSA as ANA	4	80

				Code 10 driver's license Invalid or No Public Drivers Permit (PrDP) Professional Registration with HPCSA as ANA	2	40
				Code 10 driver's license Invalid or no Public Drivers Permit (PrDP) Invalid or no Professional Registration with HPCSA as BAA	0	0
		2.3.3	Proof of Experience		1.5	10
				3 years or more related experience in the Fire Services 2 years or more Similar environment Firefighting. 1 year or more experience as supervisor	5	100
				Less than 3 years, but ≥ 2 years related experience in the Fire Services Less than 2 years, but ≥ 1 year Similar environment Firefighting. Less than 1 year experience as supervisor	4	80
				Less than 2 years, but ≥ 1 years related experience in the Fire Services Less than 1 year, but ≥ 6 months Similar environment Firefighting. Less than 6 months experience as supervisor	2	40
				Less than 1 year related experience in the Fire Services Less than 6 months, similar environment Firefighting. No experience as supervisor	0	0

	2.4	Firefighters		Provide Certified Qualifications, Certifications and Contactable References for verification to Proof of Experience or Letters of recommendations	15	25
		2.4.1	Qualifications		6	40
				Grade 12 or equivalent	5	100
				No proof of Qualification	0	0
		2.4.2	Certifications and Competencies		4.5	30
				Advance Industrial firefighting or firefighter 1 & 2 or NQF level 4 further education and training in fire and rescue operations Hazmat awareness Hazmat operations Advance fire prevention Pump operator course High angle rope rescue two (2) Vehicle extrication Confined Space Rescue	5	100
				Advance Industrial firefighting or firefighter 1 & 2 or NQF level 4 further education and training in fire and rescue operations Hazmat awareness Hazmat operations Advance fire prevention	4	80

				Pump operator course High angle rope rescue two (2)		
				Advance Industrial firefighting or firefighter 1 & 2 or NQF level 4 further education and training in fire and rescue operations Hazmat awareness Hazmat operations Advance fire prevention	2	40
				Advance Industrial firefighting or firefighter 1 & 2 or NQF level 4 further education and training in fire and rescue operations Hazmat awareness Hazmat operations	0	0
		2.4.3	License and Registration		3	20
				Code 10 drivers' license Valid Public Drivers Permit (PrDP) Professional Registration with HPCSA as BAA	5	100
				Code 10 drivers' license Invalid or no Public Drivers Permit (PrDP) Professional Registration with HPCSA as BAA	4	80
				Code 08 drivers' license Invalid or no Public Drivers Permit (PrDP) Professional Registration with HPCSA as BAA	2	40
				Code 08 drivers' license	0	0

				Invalid or no Public Drivers Permit (PrDP) No Professional Registration with HPCSA as BAA		
		2.4.3	Proof of Experience		1.5	10
				2 years or more related experience in the Fire Services 1 year or more similar environment Firefighting.	5	100
				Less than 2 years but more than 1 year related experience in the Fire Services Less than 1 year but more than 6 months similar environment Firefighting.	4	80
				Less than 1 year but more than 6 months related experience in the Fire Services Less than 6 months similar environment Firefighting.	2	40
				No experience	0	0

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3
1	X	X	X
2	X	X	X
3	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3
1	X	X	X
2	X	X	X
3	X	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	Marginally failing to meet the 70% threshold as stipulated in section 3.4 on Table 3.

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Failing to meet any of the Technical Gatekeepers as listed in section 3.3, Table 2.

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	As per the requirements set out under the Qualitative Technical Evaluation Criteria, on section 3.4 on Table 3 of this document

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	As per the requirements set out under the Mandatory Technical Evaluation Criteria, in section 3.3, Table 2 of this document.

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation

5. REVISIONS

Date	Rev.	Compiler	Remarks
	0		To evaluate the Scope of Work for the Provision of Fire, Hazmat, Rescue and Emergency Medical Services at Hendrina Power Station

6. DEVELOPMENT TEAM

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

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