

	Strategy	Majuba Power Station
---	-----------------	-----------------------------

Title: **Tender Technical Evaluation for the Provision of Boiler Pressure Parts tube bending service for Outages and Maintenance in Eskom Majuba Power Station** Document Identifier: **ENG/GEN/STG/58**

Alternative Reference Number: **N/A**

Area of Applicability: **Engineering**

Functional Area: **Engineering**

Revision: **1**

Total Pages: **19**

Next Review Date: **N/A**

Disclosure Classification: **Controlled Disclosure**

Compiled by

Supported by

Functional Responsibility



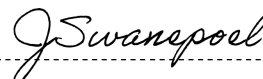
Bonginkosi Dlamini
Boiler Senior Engineer

Date: 16/02/2023



Lindani Madonsela
Boiler Plant Engineering Manager

Date: 16/02/2023



Johan Swanepoel
Middle Manager Engineering

Date: 2023/02/20

Content

Page

1. Introduction.....	3
2. Supporting Clauses	3
2.1 Scope	3
2.2 Manufacture & fabrication.....	3
2.3 Manufacture & Fabrication	3
2.3.1 Mechanical Properties	3
2.3.2 Creep Data.....	4
2.3.3 Non-destructive Examination.....	4
2.3.4 Purpose.....	11
2.3.5 Applicability	11
2.3.6 Effective Date	11
2.4 Normative/Informative References	11
2.4.1 Normative.....	11
2.4.2 Informative.....	11
2.5 Definitions	11
2.5.1 Document:.....	11
2.6 Abbreviations	12
2.7 Roles and Responsibilities	12
2.8 Process for Monitoring.....	12
2.9 Related/Supporting Documents.....	12
3. TENDER TECHNICAL EVALUATION STRATEGY	12
3.1 Technical Evaluation Threshold.....	12
3.2 TET Members	12
Table 2: TET Members	12
3.3.1 Qualitative Technical Evaluation Criteria for Part 1	12
4. Acceptance.....	19
5. Revisions.....	19
6. Development Team	19
7. Acknowledgements	19

CONTROLLED DISCLOSURE

1. Introduction

The purpose of this document is to outline the scope of work that is required for the bending of boiler tubes at Majuba Power Station and the Technical evaluation strategy to be followed in acquiring such external services.

2. Supporting Clauses

2.1 Scope

The works information in this scope includes the following activities:

The supply and delivery of boiler pressure parts tubes and material to Majuba Power Station, on an as and when required basis from unit 1 to unit 6, as per the bill of material and quantities provided. Delivery shall be three (3) months prior to the start of an outage, as per the outage rolling schedule, which will be updated and communicated to the supplier.. Material certificates are to accompany delivered goods at all times.

2.2 Manufacture & fabrication

The following standards shall apply

- VGB-S-109-00-2012-08-DE-EN: Material specification for components under pressure in fossil-fired power plants.
- Valid and current Third Party/Notified Body certification (as contemplated in EN 764-5 clause 4.2) that the plant from which tubing is to be produced has been audited and authorised as having a quality assurance system for material manufacture in accordance with PED 97/23/EC or 2014/68/EU (Pressure Equipment Directive) to produce the material grades and dimension ranges consistent with those tendered for or quoted in tender returnables

2.3 Manufacture & Fabrication

2.3.1 Mechanical Properties

Mechanical testing shall be done in accordance with the relevant part (and applicable optional tests) of EN 10216 or the relevant part of Section II of the ASME BPVC, subject to suitability of dimensions in line with the provisions of the relevant specification.

(a) Tensile testing at elevated temperatures shall be carried out for all materials used in time independent designs (hot yield strength range). A temperature of 550°C shall be used. The measured mechanical properties shall comply with the values in the applicable specification. Yield strength (or 0,2% proof strength), ultimate tensile strength, elongation and reduction in area shall be reported.

CONTROLLED DISCLOSURE

(b) Hardness testing (macro-Vickers with 10kg load) shall be carried out on a cross section, close to the outside surface (0,5 - 1mm), in the centre and close to the inside surface (0,5 - 1mm) of each sample. Care must be taken to polish away the cold work effects from cutting of the samples. The following hardness range shall be used as the acceptance criteria for the respective material grades:

- 16Mo3 140 to 190 HV
- 13CrMo4-5 135 to 185 HV
- 10CrMo9-10 140 to 190 HV
- 7CrMoVTiB10-10 175 to 260 HV
- X12CrCoWMoVNb12-2-2 205 to 260 HV
- X20CrMoV11-1 215 to 265 HV
- X10CrMoVNb9-1 215 to 260 HV

(c) Impact testing shall be done in the transverse direction except where dimension do not allow. The sample orientation must be noted on the test report. Impact properties shall comply with code values.

2.3.2 Creep Data

In line with the provisions of Appendix B of EN 12952-2, the material manufacturer shall furnish to Eskom, verification of the creep test results for materials intended for operation in the creep range ($\geq 450^{\circ}\text{C}$). The creep tests results shall be based on tests conducted by the material manufacturer from heats of a given material produced from its own plant. The creep tests results shall be based on actual data for each material grade tendered for or quoted in tender returnable documents. The minimum test duration for the actual creep test shall be 40 000 hrs.

The material manufacturer shall provide this data with the tender returnable documents or provide a written declaration that the data will be made available to Eskom personnel during a factory or site assessment or at any stage prior to contract award.

2.3.3 Non-destructive Examination

Magnetic particle testing (MT) shall be carried out on all tubes.

In all cases leak tightness testing shall be performed using electromagnetic testing. The electromagnetic testing shall be fully capable of detecting longitudinal defects.

The preparation (Pre-Outage) work for Planned Outages which entails the activities stipulated above is meant to reduce the Outage/Boiler Tube failure repair durations, thus fulfilling the intent of the approved Boiler Tube Failure Reduction Strategy.

CONTROLLED DISCLOSURE

Tender technical evaluation for the Provision of Boiler Pressure Parts tube bending service for Outages and Maintenance at Eskom Majuba Power Station

Unique Identifier: ENG/GEN/STG/58

Revision: 1

Page: 5 of 19

SUBSYSTEM								
No	COMPONENT FLOC (KKS CODE)	COMPONENT DESCRIPTION	COMPONENT / MATERIAL SPECIFICATION / DRAWING no:	PART / NUMBER	STOCK NUMBER	DESIGN QUANTITY Per MGO/GO	10 X MGO/GO QUANTITY	QTY
Superheater 1								
1	HAH11-14	Tube 15Mo3	44.5mm OD X 4mm WT		185558	440m (6m lengths)	4400m	4400
2	HAH11-14	Tube 10CrMo 910	44.5mm OD x 6.3mm WT		598222	200m (6m lengths) High Stock	2000m	2000
3	HAH11-14	Tube 15Mo3	44.5mm OD X 4.5mm WT		598266	200m (6m lengths)	2000m	2000
Superheater 2								
4		Tube 10CrMo910	44.5mm OD X 7.1mm WT		598221	300m (6m lengths)	3000m	3000m
Superheater 3								
5	HAH51-54	Tube X20CrMo V121	44.5mm OD X 5mm WT		183200	1530m (6m lengths)	15300m	15300
6	HAH51-54	Tube X20CrMo V121	44.5mm OD X 5.6mm WT		183199	900m (6m lengths)	9000m	9000
7	HAH51-54	Tube X20CrMo V121	44.5mm OD X 6,3mm WT		183223	900m (6m lengths)	9000m	9000
Reheater 1								
8	HAI11-14	Tube ST 35.8	57mm OD X 3.7mm WT		185569	1200m (6m lengths)	12000m	12000
9	HAI11-14	Tube ST 35.8	60.3mm OD X 3.9mm WT		183198	1440m (6m lengths)	14400m	14400
13	HAI11-14	Tube 16 Mo3	57mm OD X 3.7mm WT		598256	300m (6m lengths)	3000m	3000
14	HAI11-14	Tube 13 CrMo44	57mm OD X 5mm WT		183197	240m (6m lengths)	2400m	2400
Reheater 2								
15	HAI31-34	Tube 13CrMo44	57mm OD X 3.7mm		185568	510m (6m lengths)	5100m	5100

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

16	HAI31-34	Tube 10CrMo910	57mm OD X 3.7mm		185578	510m (6m lengths)	5100m	5100
17	HAI31-34	Tube 10CrMo910	57mm OD X 4.5mm		598206	50m (6m lengths)	500m	500
Economiser								
20	HAC	Economiser Fin Tube 15Mo3	51mm OD X 4.5mm WT		598260	210m (3.2mlengths)	2100m	2100
Evaporator								
24		Sling Tube 13 CrMo44	44.5mm X 8mm		598370	180m (6m lengths)	1800m	1800
25		Sling Tube 15 Mo3	38mm OD X 4.5mm WT		598525	180m (6m lengths)	1800m	1800
26		Evap Tube 15Mo3	31.8mm OD X 5.6mm		598154	180m (6m lengths)	1800m	1800
27		Spiral wall Tube 16Mo3	48.3mm X 6.3mm		598263	180m (6m lengths)	1800m	1800
28		Spiral / vertical evaporator 16Mo3	44.5mm X 5.6mm		598165	600m (6m lengths)	6000m	6000
Hopper								
29	HAD	Tube 15Mo3 fin (Ribbed) Tube	38mm OD X 4.5mm WT		56048	60m (6m lengths)	600m	600
30	HAD	Tube 15Mo3	38mm OD X 6.3mm WT		598160	180m (6m lengths)	1800m	1800
31	HAD	Hopper Shoes (sealing blocks)				0	0	0
Reducers								
50		Reducers; st35.8	57mm to 60.3mm OD X 3.9mm WT X 500mm long		640601	0 Pieces (High Stock)	0	0
Y-Pieces (Bifurcation)								
72		Y- bifurcation piece at 69mtr lvl sling Tube 16 Mo3 as per drawing	38mm OD X 4.5 mm WT; As per drawing/sample		640604	60 Pieces	600	600

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

73		Y-bifurcation piece at 79mtr lvl vertical evaporator 16 Mo3	44.5mm OD X 5.6mm, 32.5mm ID to 20mm ID, 160mm long; As per drawing/sample		640604	110 Pieces	1100	1100
Stopper blocks								
34		Stopper blocks 310 S/S	10mm X 10mm x 5mm Thick			1000 Pieces	10000	10000
36		Castle lugs small for sling Tube X10CrAl7	35mm X 12mm X 12mm		647065	0	0	0
Protection Shields and Bangles								
38		Protecting shields 310 s/s	38mm OD X 3m		642448	160 lengths	1600	1600
39		Protecting shields bangles 310 s/s	38mm, non-slotted X 50mm		641229	480 Pieces	4800	4800
41		Protecting shields 310 s/s	44.5mm ID X 1.8m		647063	250 lengths	2500	2500
42		Protecting shields bangles 310 s/s	44.5mm, non-slotted		641366	750 pieces	7500	7500
43		Protecting shields bangles	44.5mm, slotted		641228	500 Pieces	5000	5000
44		Protecting shields 310 s/s	60,3mm ID X 1.8m		638372	250 lengths	2500	2500
45		Protecting shields Bangles 310 s/s	60,3mm, non-slotted		641230	750 Pieces	7500	7500
46		Protecting shields Bangles 310 s/s	60,3mm, slotted		635218	500 Pieces	5000	5000
Evaporator Sleeves								

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

47		Evaporator wall sleeves 94 mtr lvl, 16Mo3 tack welded together	Plate 62mm Hole X 110mm X 70mm X 8mm Thick: Sleeve tube 68mm OD X 3mm X 68mm sleeve pipe length; As per drawing/sample		641227	250 pieces	2500	2500
48		Round bar 316 s/s	10mm OD		235014	120m	1200m	1200
		Flat Bar 310 s/s	50mm X 5mm X 6m			240m	2400m	2400
Sheet Metal								
51		Raised Expanded sheet metal 325A flow screen; 316 s/s	SWM = 18mm, LWM=45mm, strand width = 5mm, strand thickness = 5mm, raise=10mm, W = 1.2m X L = 2.4m		185233	30 Sheets	300	300
52		Flatex 6320K sheet metal flow screen grid 316 s/s	SWM=30mm, LWM = 80mm, strand width = 9mm, strand thickness = 3mm			10 Sheets	100	100
55		Plate for Sealing 15 Mo3	2.4m X 1.2m X 8mm		640605	10 Sheets	100	100
		Hopper Plate 316 s/s	1.2m X 2.4m X 10mm			6 Sheets	60	60
Angle Iron								
53		Angle iron mild steel	40mm X 40mm X 5mm X 6m length		17181	60m	600m	6000
Hydro Blocking Material								
56		Blocking Devices Gaskets small hydro block sqr pressure seal graphite, graphite	560mm OD X 30mm, high 45'		640598	8 Pieces	80	80

CONTROLLED DISCLOSURE

57		Gasket large hydro block flt metaflex Hochdruck,	670mm OD X 30mm X 3mm		640777	4 Pieces	40	40
58		Gasket small hydro block flt metaflex Hochdruck,	500mm OD X 15mm X 3mm			6 Pieces	60	60
Circ. Pump Gasket								
60		Gasket Boiler circulation pump metaflex spiral wound	760mm OD X 25mm width X 5mm thick			1 Piece	10	10
Blocking Frame Material								
Bolts, Nuts and Washers								
Hopper Shoes								
65		Evaporator sealing shoes "Hopper shoes" hopper 16 Mo3	200mm X 55mm to fit 38mm pipe		641226	100 Pieces (High stock)	1000	1000
Stopper Blocks								
66		Bangle stopper blocks 310 s/s, 310s/s	40mm X 20mm X 6mm		639848	1000 Pieces	10000	10000
67		Bangle stopper blocks 310 s/s, 310s/s	30mm X 25mm X 6mm		639849	200 pieces	2000	2000
Wire								
Retaining Brackets								
69		Retaining brackets for sling Tube 310 s/s	44.5mm Dia. X 5mm as per drawing/sample		641235	100 Pieces (High stock)	1000	1000
70		Retaining brackets for sling Tube	57mm Dia. X 5mm as per drawing/ sample		641234	400 Pieces (High Stock)	4000	4000

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

71		Retaining brackets for sling Tube	60.3mm Dia. X 5mm as per drawing/sample		640768	100 Pieces (High Stock)	1000	1000
Gaskets and Rope Gaskets								
74		Rope gasket	10mm		639806	500m	5000m	5000
76		Pressure gauge seals copper	18mm OD X 6mm ID X 2mm Thick		641233	20 Pieces	120	120
77		Pressure gauge seals aluminium	18mm OD X 6mm ID X 2mm Thick		641232	20 Pieces	120	120
Scalloped Plates								
78		Scalloped plates / Economiser flow plates flat with arches 16 Mo3	As per drawing/sample		640778	20 Pieces	200	200
79		Scalloped plates / Economiser flow plates bend with arches 16 Mo3	As per drawing/sample		640780	20 Pieces	200	200
80		Scalloped plates / Economiser flow plates box type 16 Mo3	As per drawing/sample		640769	20 Pieces	200	200
81		Scalloped plates / Economiser flow plates U-Bolt mild steel	As per drawing/sample		640779	80 pieces	800	800

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

2.3.4 Purpose

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

2.3.5 Applicability

This document shall apply to Majuba Power station.

2.3.6 Effective Date

This document is effective from the authorisation date.

2.4 Normative/Informative References

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

2.4.1 Normative

[1] 240-48929482 Tender Technical Evaluation Procedure.

2.4.2 Informative

Not Applicable.

2.5 Definitions

Definition	Description
Tender	A tender refers to a written competitive offer, quotation, proposal made by the supplier in a prescribed or stipulated form in response to an invitation to tender/competitive enquire for provision of assets/goods or services and or the disposal thereof.

2.5.1 Document:

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

CONTROLLED DISCLOSURE

2.6 Abbreviations

Abbreviation	Explanation
OEM	Original Equipment Manufacturer
TET	Technical Evaluation Team

2.7 Roles and Responsibilities

As per 240-48929482: Tender Technical Evaluation Procedure

2.8 Process for Monitoring

Not applicable.

2.9 Related/Supporting Documents

Not applicable.

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 80%.

3.2 TET Members

Table 2: TET Members

TET number	TET Member Name	Designation
TET 1	Bonginkosi Dlamini	Boiler Senior Engineer
TET 2	Nduduzo Gazu	System Engineer
TET 3	Lulama Matiwana	Execution Manager Outage
TET 4	Lindani Madonsela	Boiler Engineering Line Manager

3.3 CRITERIA

3.3.1 Qualitative Technical Evaluation Criteria for Part 1

CONTROLLED DISCLOSURE

Table 3: Technical Evaluation Criteria

Mandatory Technical Evaluation Criteria

BOILER PRESSURE PARTS BILL OF MATERIAL TECHNICAL EVALUATION						
TECHNICAL EVALUATION CRITERIA						
Criteria	Requirements	Weight				
Technical Description	Mandatory Requirement: Any supplier who is evaluated a "NO" will be automatically disqualified	Yes/No				
	Valid and current Third Party/Notified Body certification (as contemplated in EN 764-5 clause 4.2) that the plant from which tubing is to be produced has been audited and authorised as having a quality assurance system for material manufacture in accordance with PED 97/23/EC or 2014/68/EU (Pressure Equipment Directive) to produce the material grades and dimension ranges consistent with those tendered for or quoted in tender returnables.					
Possible Score						
Previous supply	Mandatory Requirement: Any supplier who is evaluated a "NO" will be automatically disqualified	Yes/No				

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

	List of previous supply of materials and dimensions tendered for or quoted in tender returnable documents, for the last five years. The list shall include, at the very least, the following details: dates of delivery, material grade, dimensions, tonnage/quantity and user contact details.					
Possible Score			0.0%	40.0%	80.0%	100.0%
Manufacturing Process		10%				
	Trading or formal business name of the manufacturing plant.		No name supplied			Name Supplied
Possible Score			0.0%	40.0%	80.0%	100.0%
Manufacturing Process		30%				
	Street and postal addresses, contact names and telephone numbers of top/senior plant managers, along with their respective organizational roles.		No address Supplied and Contacts	-		Address Supplied
	The site of manufacturing, inspection, testing, and release – if any activity is done at a different location or facility other than at the main manufacturing plant shall also be listed.		No Site Manufacturing Supplied			Site Manufacturing Supplied

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

Tender technical evaluation for the Provision of Boiler Pressure Parts tube bending service for Outages and Maintenance at Eskom Majuba Power Station

Unique Identifier: ENG/GEN/STG/58

Revision: 1

Page: 15 of 19

Steel Making Process	The foundries used to supply cast billets for the manufacture of all tubing shall be listed in the tender returnable documents.		Foundries Not listed			Foundries Listed
	Raw materials and scrap control by foundries shall demonstrate control measures that are in place to ensure low contamination levels from trace, dangerous (poisonous and radioactive) and any other undesirable elements.		Control Measures not Supplied			Control Measures not Supplied
	Valid or current ISO 9001 certificates to be supplied or comprehensive quality manuals (Where an ISO 9001 certificates is not available		Certificates not supplied			Certificates supplied or comprehensive quality manual
	The material manufacturer shall provide Eskom with a short technical description of its steel-making process to ensure the production of "clean" steel. Note: Only fully killed steels shall be acceptable to Eskom		Description of steel making process not supplied			Description of steel making process supplied
		Possible Score	0.0%	40.0%	80.0%	100.0%
Heat Treatment		30%				
	Valid or current calibration certificate(s) for facilities used for the heat treatment of tubing shall be provided with tender returnable documents		Non Responsive			Responsive

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

	Heat treatment plans or schedules for each material tendered for or quoted shall be provided with tender returnable documents. The heat treatment plans or schedules shall, at least, include the following information: 1. Heating and cooling rates. 2. The heating and cooling mediums. 3. Holding temperatures and holding times. The heat treatment plans may be provided in the form of schematic heat treatment dummy charts.		Non Responsive			Responsive
		Possible Score	0.0%	40.0%	80.0%	100.0%
Chemical composition		10%				
	Procedure for adequate measures for the control of Delta Ferrite formation in these steels (X20 Material) shall be put in place and provided to Eskom as part of the tender returnable documents. Refer to chemical composition as per clause 3.3.4 of document 474-12132: Technical Specification for Procurement of Boiler Tubing Across the Eskom Generation Fleet of Coal-Fired Power Plants.		Non Responsive			Responsive
		Possible Score	0.0%	40.0%	80.0%	100.0%
Creep data		10%				

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

	<p>In line with the provisions of Appendix B of EN 12952-2, the material manufacturer shall furnish to Eskom verification of the creep test results for materials intended for operation in the creep range ($\geq 450^{\circ}\text{C}$). The creep tests results shall be based on tests conducted by the material manufacturer from heats of a given material produced from its own plant. The creep tests results shall be based on actual data for each material grade tendered for or quoted in tender returnable documents. The minimum test duration for the actual creep test shall be 40 000 hrs.</p> <p>The material manufacturer shall provide this data with the tender returnable documents or provide a written declaration that the data will be made available to Eskom personnel during a factory or site assessment or at any stage prior to contract award.</p>		Non Responsive =0	<30kh	30-40kh	40kh
--	---	--	-------------------	-------	---------	------

CONTROLLED DISCLOSURE

		Possible Score	0.0%	40.0%	80.0%	100.0%
Compliance to document 474-12132 (Section 3.3.9 page 8)		10%				
	Provide supply details of the coating and desiccant/inhibitor that will be applied on the tubes		Non Responsive			Responsive
Possible Score			0.0%	40.0%	80.0%	100.0%
			100%			

Tenderers will be expected to score at least the minimum threshold of 70% to proceed to the next phase. Eskom reserves the right to lower the threshold score uniformly for all tenderers to 60%, should the need arise OR should none of the tenderers meet the 70% threshold.

CONTROLLED DISCLOSURE

4. Acceptance

Name	Designation
Nduduzo Gazu	System Engineer
Enoch Chirema	Boiler Health care Engineer
Lindani Madonsela	Boiler Engineering Line Manager
Sindisiwe Mdluli	Senior Advisor Outage
Lulama Matiwana	Majuba Outage Manager
Joseph Selialia	Boiler Maintenance Line manager

5. Revisions

Date	Rev.	Compiler	Remarks
Revisions	Revisions	Revisions	Revisions

6. Development Team

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

TET Member Name	Designation
Bonginkosi Dlamini	Senior Engineer
Nduduzo Gazu	System Engineer
Lulama Matiwana	Execution manager Outage
Lindani Madonsela	Boiler Engineering Manager

7. Acknowledgements

None.

CONTROLLED DISCLOSURE