	DUVHA POWER STATION SCOPE OF WORK	Template Identifier			
		Document Identifier			
		Effective Date			
		Review Date			

PLANT AREA: SO3 Plant				
TITLE: SO3 heaters: Supply & Deliver New, Dismantle, Inspect, Report, Quotation & Repairs				
REF:		Reference Rev No:		MULTIDISCIPLINARY: No
				Plant Level: 1
COMPILED BY	<i>Name:</i>	Signature:	Date:	
APPROVED	<i>Name:</i>	Signature:	Date:	
APPROVED	<i>NAME:</i>	Signature:	Date:	
APPROVED	<i>Name:</i>	Signature:	Date:	
REVIEWED	<i>Name:</i>	Signature:	Date:	
ACCEPTED	<i>Name:</i>	Signature:	Date:	

Reference No: MEB-	Reference Rev No:	Date: 08/06/220	Page 1 of 7
---------------------------	-------------------	-----------------	-------------

Public

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 authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.



DUVHA POWER STATION

SCOPE OF WORK

Template Identifier			
Document Identifier			
Effective Date			
Review Date			

GENERAL

- Data books, reviews, reports and diagrams/drawings shall be submitted to Engineering after the completion of the work. Engineering to forward the data books to Quality Department (Document Control)
- All QCP's to be submitted to Engineering and Quality for approval prior to outage/project or maintenance work commencement.

	SCOPE OF WORK DESCRIPTION / ACTIVITY	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
1.1	Safety	<ul style="list-style-type: none">• All work is to be done in accordance with Duvha plant procedures and safety regulations. (GGR 0992).• Duvha power station induction must be done before any work commences.• Permit to work must be in place before any work commences.• Worker's register must be completed and daily risk assessment conducted before any work commences.	Eskom to witness.	Contractor
1.2	Environmental Management.	<ul style="list-style-type: none">• All activities listed in the National Environmental Act 107 of 1998, EIA Regulation 982,983,984 & 985(2014), must have AUTHORISATION before commencement of work.• The contractor shall comply with all applicable legal and other requirements.• The polluter pays principle will be applied.• The contractor manager shall ensure compliance with Eskom Duvha Environmental	Eskom to witness.	Contractor

Reference No: MEB-	Reference Rev No:	Date: 08/06/220	Page 2 of 7
---------------------------	-------------------	-----------------	-------------

Public

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 authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.



DUVHA POWER STATION

SCOPE OF WORK

Template Identifier

Document Identifier

Effective Date

Review Date

		<p>procedures to ensure the prevention of pollution (OMOP 4090).</p> <ul style="list-style-type: none">The last payment will be processed based on the status of the last housekeeping check sheet (Annexure G: OMOP 4018) of designated area. EMS file based on ISO14001 will be required.		
1.3	Quality Management	<ul style="list-style-type: none">The contractor/executioner of work will be responsible for drawing up all QCP documentation and this must be approved by engineering and authorised by the Quality Department before commencing with the work.Contractors/executioner to adhere to QM 58 and OMOP4497 requirementsNumber of NCR issued can affect your next tendering process.The QCP shall be signed progressively by the Engineer/Supervisor, Eskom QC Inspector, Contractor QC Inspector and/or AIA.No procuring of outage items without the approval of scopes by qualityAll outage scopes creep and scopes addition should be approved by qualityNo contractor should be in the possession of scopes for execution without the scopes approved by qualityThe contractor is subjected to quality auditing at any point in time during execution of scope	Hold point	Contractor
1.4	Inputs from other departments	<p>Electrical Plant Maintenance Department.</p> <p>Quality Management Department.</p>		
1.5		<ul style="list-style-type: none">		

Reference No: **MEB-**

Reference Rev No:


Date: 08/06/220

Page 3 of 7

Public

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 authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	DUVHA POWER STATION SCOPE OF WORK	Template Identifier			
		Document Identifier			
		Effective Date			
		Review Date			

	SCOPE OF WORK DESCRIPTION / ACTIVITY	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
--	---	--	----------------------------------	----------------------

DETAILED SCOPE

	SCOPE OF WORK DESCRIPTION / ACTIVITY	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
1.	Supply and Deliver HEATER: TYPE: S03 PROCESS AIR; POTENTIAL: 380 V; POWER: 120 KW; DIMENSIONS: LG 2.1 M; MOUNTING METHOD: FLANGE; FLANGE DIAMETER 250NB,PRESSURE-OPERATING 70KIPA; QTY OF BANKS THREE,QTY OF THERMOCOUPLES-THREE-ONE FOR EACH BANK; QUANTITY OF TUBULAR ELEMENTS 36; WATT DENSITY-ELEMENTS 2.4 W/CM2; 3 PHASE DELTA CONNECTED COIL MUST BE MADE OF INCONEL MATERIAL; ESKOM ELECTRICAL MAINTENANCE DEPARTMENT TO CONDUCT QUALITY CONTROL CHECKS AT THE SUPPLIER SITE BEFORE			

Reference No: MEB-	Reference Rev No:	Date: 08/06/220	Page 4 of 7
---------------------------	-------------------	-----------------	-------------

Public

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 authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.



DUVHA POWER STATION

SCOPE OF WORK

Template Identifier			
Document Identifier			
Effective Date			
Review Date			

	DELIVERY OF THE HEATERS; QC TO BE CONDUCTED AS PER QM58 DOCUMENT 240-105658000 - SUPPLIER QUALITY MANAGEMENT SPECIFICATION; DRAWING NO: EJ0400/DUVHA/1/2; SERIAL NO: EJ400/D/120-2/75; PART NO: DSD-055			
2.	Dismantle, Inspection, Report and Quotation			
3.	Submit a program detailing the start and end dates of the heater dismantling, inspection, report, final Scope of Work verification and quotation.		Report	Service Provider
4.				Service Provider
5.	COLLECT FROM DUVHA damaged heaters Collect the damaged SO3 heater from Duvha Power Station. The heater will be loaded at Duvha Power Station by site personnel.		Witness	Service Provider
6.	STRIP AND ASSESS Note: The heater will be dismantled, repaired, assembled and tested at the heater repair contractor works.		Written Report	Service Provider
7.	CALL THE EMPLOYER ASSESSMENT		Call	Service Provider

Reference No: MEB-	Reference Rev No:	Date: 08/06/220	Page 5 of 7
---------------------------	-------------------	-----------------	-------------

Public

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 authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.



DUVHA POWER STATION

SCOPE OF WORK

Template Identifier			
Document Identifier			
Effective Date			
Review Date			

8.	ISSUE THE SCOPE OF WORK INCLUDING A QUALITY CONTROL PLAN (QCP) FOR EMPLOYER INTERVENTIONS		Written Report	Service Provider
9.	REPAIR AND REPLACE AS PER THE AGREED SCOPE		Written Report	Service Provider
10.	ASSEMBLE		Written Report	Service Provider
11.	DELIVER BACK TO DUVHA P/S		witness	Service Provider
12.	Full description Material/Spares/Equipment to be refurbished	Specifications of Material/Spares/Equipment	Stock No	Part Number
13.			Written Report	Service Provider
14.			Written Report	Service Provider
15.			Written Report	Service Provider
16.			Written Report	Service Provider.
17.			Written Report	Service Provider
18.			Written Report	Service Provider
19.			Written Report	Service Provider.

Reference No: MEB-	Reference Rev No:	Date: 08/06/220	Page 6 of 7
---------------------------	-------------------	-----------------	-------------

Public

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 authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.



DUVHA POWER STATION
SCOPE OF WORK

Template Identifier

Document Identifier

Effective Date

Review Date

SCOPE COMPILATION REFERENCES

COMMENTS

Compiled by:

Reference No: **MEB-**

Reference Rev No:

Date: 08/06/220

Page 7 of 7

Public

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 authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.