



Scope of Work

**Tutuka Power Station
Engineering**

**Title: Supply & Delivery of Circulating
System Blowdown 50% Quick-
Drain Isolating Valves at Tutuka
Power Station**

Document Identifier: 559-68051042

Alternative Reference N/A

Number:

Area of Applicability: Tutuka Power Station

**Functional Area: Engineering,
Materials Management**

Revision: 1

Total Pages: 9

Next Review Date: As required

**Disclosure
Classification: Controlled Disclosure**

Compiled by

T [Redacted]

Boiler Engineer

Date: 21/09/2026

Supported by

[Redacted]

Senior Boiler Engineer

Date: 2026/09/21

Authorized by

[Redacted]

**Engineering Manager
(Acting)**

Date: 2026/09/21

Content

Page

1. Introduction	3
2. Supporting Clauses	3
2.1 Scope.....	3
2.1.1 Purpose.....	3
2.1.2 Applicability	3
2.1.3 Effective date	3
2.2 Normative/Informative References	3
2.2.1 Normative.....	3
2.2.2 Informative	4
2.3 Definitions	4
Disclosure Classification	4
2.4 Abbreviations	4
2.5 Roles and Responsibilities	4
2.5.1 Contractor	4
2.5.2 Employer.....	4
2.6 Process for Monitoring	5
2.7 Related/Supporting Documents.....	5
2.8 Scope.....	5
3. Description of the works	5
3.1 Documentation	5
3.2 Acceptance of Spares	6
3.2.1 Spares Identification.....	6
3.2.2 Obsolescence	6
3.2.3 Packaging	6
3.2.4 Acceptance of spares.....	7
3.2.5 Information to be provided to the Supplier	8
4. Acceptance	9
5. Revisions.....	9
6. Development Team	9
7. Acknowledgements	9

Tables

Table 1: Circulating System Blowdown 50% Quick-Drain Isolating Valves.....	5
--	---

CONTROLLED DISCLOSURE

1. Introduction

Tutuka Power Station intends to request Contractors/Suppliers to tender for supplying and delivering Circulating System Blowdown Quick-Drain Isolating Valve critical spares as per scope of works. The spares are to be supplied and delivered to Tutuka power station. This document details the specifications of all the required items.

2. Supporting Clauses

2.1 Scope

The scope of work (SOW) specifies the required spares to be supplied by the *Supplier*. The scope included here does not substitute procurement procedures that will be followed during the procurement process.

2.1.1 Purpose

The purpose of this document is to provide scope of work and technical information for the Supply & Delivery of Circulating System Blowdown 50% Quick-Drain Isolating Valve and ensure that all maintenance spares, which Tutuka Power Station is procuring, are correct.

2.1.2 Applicability

This document is applicable to Tutuka Power Station.

2.1.3 Effective date

When the document is authorised.

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] ISO 9001 Quality Management Systems
- [2] 36-681 Generation Plant Safety Regulations
- [3] 32-727 SHEQ Policy
- [4] 240-84513751. Material Specification and Certification Guideline for Power Generation Plant
- [5] 240-54820279: Receive Materials

CONTROLLED DISCLOSURE

[6] BS EN 10204 (2004) - Metallic products -Types of Inspection Documents

[7] Table 2 – List of Standards applicable for use

2.2.2 Informative

N/A

2.3 Definitions

Definition	Explanation
Contractor	Service provider contracted to provide a specific spares & documentation to Tutuka Power Station. Referred to as the Supplier on this document.
Employer	Tutuka Power Station
Disclosure Classification	Controlled Disclosure to external parties (either enforced by law, or discretionary)

2.4 Abbreviations

Abbreviation	Description
ISO	International Organisation for Standardisation
KPI	Key Performance Indicator
OEM	Original Equipment Manufacturer
OHS	Occupational Health & Safety
PSR	Plant Safety Regulations
SHEQ	Safety, Health, Environmental & Quality
SOW	Scope Of Work

2.5 Roles and Responsibilities

2.5.1 Contractor

- To Supply & Deliver Circulating System Blowdown 50% Quick-Drain Isolating Valves for Tutuka Power Station in accordance with the specifications and technical requirements on this document.
- Contractor shall submit all documentation as requested by the Employer
- Contractor to provide schedule on deliveries of spares.

2.5.2 Employer

- Compiles and submit scope of work with technical specifications and technical drawings where required.
- Performs Quality Control of all spares on delivery at the Employer premises

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

2.6 Process for Monitoring

This document will be a once-off document to state the scope of work to Supply & Delivery of Circulating System Blowdown 50% Quick-Drain Isolating Valves.

2.7 Related/Supporting Documents

N/A

2.8 Scope

Supply and delivery of Steel Plant Spares

3. Description of the works

The works is to Supply & Delivery of Circulating System Blowdown 50% Quick-Drain Isolating Valves for Tutuka Power Station with technical specification as per the spares list in Table 1.

Table 1: Circulating System Blowdown 50% Quick-Drain Isolating Valves

Material	Text	Unit	QTY
0789096	VALVE, GATE: VALVE SIZE: DN200; TYPE: WEDGE GATE; DESIGN PRESSURE: 25 MPA; DESIGN TEMPERATURE: 375 DEG C; CONNECTION: ID 244 X WALL THI 25 MM; FACE TO FACE LENGTH: 950 MM; BODY MATERIAL: 13CRM04-5; TRIM: STERLITE 6 WEDGE; OPERATED: ACTUATED	EA	2

3.1 Documentation

The following are the *Supplier's* requirements:

- a) The *Supplier* will ensure proper handling of the spares (from procurement of equipment, storage and transportation).
- b) The spare must be to the exact same specification as installed in the plant and specified on this scope of work document. *Notwithstanding the stipulated condition that the Supplier is responsible for verifying the correctness of the spare's information provided by the Employer in relation to the existing installed spare. This may include the Supplier consulting the original supplier of the spare to ensure correctness of information provided by the Employer.*

CONTROLLED DISCLOSURE

- c) The *Supplier* will supply any additional information such as brochure, general arrangement drawing, certificates, detailed specification, data sheet, Settings Document for programmable electronic cards etc. Check sheets or drawings for quality inspections.
- d) The *Supplier* provides the *Employer* with additional spares information and verifies information required in the attached data capturing forms (DCF).
- e) The *Supplier* shall supply preservation and storage procedure/s, where applicable.
- f) The *Employer* may make clarification sessions available to either prospective *Supplier/s* to further assist the prospective *Supplier's* to meet the requirements of the work to be performed by the *Supplier*.
- g) The *Supplier* must ensure that all components supplied must be individually packed in such a way as to protect the parts during transport and storage. The packaging must also include the necessary labels to identify the items.

3.2 Acceptance of Spares

3.2.1 Spares Identification

Lists all the spares to be procured under this SOW. This list corresponds to the provided electronic copy of the DCF's that contain more information about the required spares.

Each spare is identifiable by means of an Eskom SAP Material number (as is used in the Power Station), part description, OEM and/or OEM part number.

3.2.2 Obsolescence

The *Supplier* shall inform the *Employer* immediately where spares are found to be obsolete before the alternative spares is supplied, the *Supplier* shall indicate this to the *Employer* and indicate viable alternatives thereof.

3.2.3 Packaging

- I. All supplied spares shall be packaged in such a manner that they will be transported and stored without damage. This includes preventing damage due to moisture ingress, dust and foreign objects. The contractor's procedure shall be used Transportation and Storage.

CONTROLLED DISCLOSURE

- II Different spare types shall be packaged separately such that each spare type can be stored separately. Packaging shall be such that the spare can be identified without opening the packaging. Packaging shall be of material that will not be damaged, to an extent possible, by harsh weather conditions during transportation. If that is not possible, then the packaging shall be protected against such conditions.
- III. Where possible, packaging to be such that procured spares can be positively identified through the packaging. Where this is not possible, the packaging to be such that it allows opening and closing of packaging and still maintain the packaging integrity thereafter
- IV. Delivery packaging shall include as a minimum the following details:
 - a) Purchase Order Number
 - b) Part Description, Part number and Eskom SAP Material number
 - c) Drawing number, where applicable
 - d) Physical address of Tutuka Power Station and the *Supplier*
 - e) Contact details of the *Supplier*
 - f) Delivery notes number

3.2.4 Acceptance of spares

- a) No incorrect, damaged or faulty spares will be accepted.
- b) All the spares will be inspected and accepted by Engineering and/or OEM Technician before payment could be processed.
- c) Data capturing forms information must be supplied and must meet an acceptable level.
- d) The Supplier must ensure that the supply and preservation of spares is done in compliance with preservation specifications and good engineering practice.
- e) The Supplier to advise the Purchasers warehouse/stores on effective storage of spares and preservation.
- f) Upon delivery of the goods at the Eskom stores, an inspection of goods and the receipt must be conducted by the End-user and the Supplier with 48 hours of delivery. There must be an approved list of appointed quality inspectors available with specimen signatures, and this must be updated annually. As per Work Instruction, Receive Materials – 240-54820279

CONTROLLED DISCLOSURE

- g) The Supplier must supply the Purchaser with warrantee certificates, test certificates and the complete data book of spares at the time of delivery which shall be uploaded into the SAP system Goods Receipt document as per Work Instruction, Receive Materials - 240-54820279.
- h) The Supplier must deliver the goods as per the agreed to delivery times.
- i) The Supplier to provide 3.1 Material certificates as a minimum, where applicable.

3.2.5 Information to be provided to the Supplier

The *Supplier* is provided with electronic Data Capture Form (DCF) for each spare required. The *Supplier* is required to ensure that the correct information is captured on the DCF's. The DCF's are required by the *Purchaser's* Material Management System to be able to book the item in the store, and the information should also be sufficient to procure the correct spares in future. Most of the DCF's have been populated by the *Purchaser* where information was available. This information may not be correct and needs to be reviewed and verified/corrected as part of the *Services*.

The DCF's are provided in Microsoft Word format. The *Supplier* needs to ensure the 'Track Changes' function is selected 'on' so that any changes to the existing information as well as inserted information can easily be identified and tracked. The following information needs to be provided as detailed as possible on the DCF's.

- a) Verify the existing information that is already populated on the DCF's and make changes where required. Ensure the 'track changes' function is on.
- b) Populate/verify all fields highlighted in 'yellow' on the DCF's, in the electronic format provided.
- c) Supply additional information in the field "Free Format Text" or "Purchase order text" on the DCF's. This includes:
 - The standards or specification that the product must conform to.
 - Add any spares information which has been omitted, and deemed relevant for spares identification, packaging and protection requirements during transportation and storage.
 - The Quality Control requirements for manufacturing and testing of the product to ensure that the spares conform to the correct specifications or standards, including certificates and test results, that is required with delivery of the goods.

CONTROLLED DISCLOSURE

- d) Supply any other additional information that has not been specified on the DCF's but necessary for storage, preservation, installation and utilisation of spares where applicable. Such information includes brochures, technical data, etc. These DCF's with the added information needs to be made available electronically to the employer
- e) Supply any other additional information that has not been specified on the DCF's but necessary for storage, preservation, installation and utilisation of spares where applicable. Such information includes brochures, technical data, etc

4. Acceptance

This document has been seen and accepted by:

Name	Designation
[REDACTED]	General Manager
[REDACTED]	Technical Plant Manager
[REDACTED]	Snr Advisor Procurement
[REDACTED]	Middle Manager
[REDACTED]	Snr MRP
[REDACTED]	Snr Advisor Financial Accounting

5. Revisions

Date	Rev.	Compiler	Remarks
September 2026	1	[REDACTED]	New document

6. Development Team

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

- N/A

7. Acknowledgements

N/A

CONTROLLED DISCLOSURE