



Specification

Kusile Power Station

Title: **Kusile Power Station Supply and Delivery of Hydraulic Oil Pump Unit Scope of Work**

Document Identifier: **KUS-20240917**

Alternative Reference Number:

Area of Applicability: **Kusile Power Station**

Functional Area: **Maintenance**

Revision: **01**

Total Pages: **06**

Next Review Date: **September 2027**
Controlled Disclosure

Disclosure Classification:

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1. Introduction

Kusile Power Station Maintenance Management intends to establish a partnership with a suitably qualified, experienced, and well-established *Contractor* for the supply and delivery of Hydraulic Oil Pump Unit scope of work at Kusile power Station in operating units, associated BOP. This document describes the details of the requirements, standards, scope of work and the terms and conditions of the maintenance partnership.

2. Supporting Clauses

2.1 Scope

The scope of work (SOW) specifies the required spares to be supplied by the Supplier on an as and when required basis and conditions for acceptance. 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 purchase of the supply and delivery of Hydraulic Oil Pump Unit which Kusile Power Station is procuring, are correct.

2.1.2 Applicability

This document is applicable to Kusile Power Station Generation.

2.1.3 Effective date

This document is effective from the date of authorization (last signature) until its succeeding document has been authorized.

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

Latest revisions of the following documents apply:

- [1] ISO 9001 Quality Management Systems
- [2] 240-131431301 -Kusile Power Station Unit 1 HP Bypass system 1 Hydraulic Oil pumps Routine change over.
- [3] 240-103865998 _Kusile Power Station Turbine Centerline and Auxiliaries Operating and Control Philosophy
- [4] 474- 12472- Critical Pumps Generation Engineering Strategic Report 2021

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[5] 102407 INSPECT hydraulic pump - Pump - Positive Displacement

[6] 240-86546783: Procurement Standard for Material Certification Requirements Applicable to Metallic Products Used on Low and Medium Pressure Applications

2.2.2 Informative

N/A

2.3 Definitions

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

2.4 Abbreviations

Abbreviation	Description
ISO	International Organization for Standardization
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

All parties concerned in this SOW “shall function as stated in this contract and in a spirit of mutual trust and cooperation.”

2.5.1 Employer

- The *Employer* shall identify required spares for the plant.
- The *Employer* shall compile spares specifications and load Data Capture Forms.
- Compiles and submits scope of work with technical specifications.
- The *Employer* shall perform Quality Control of all spares on delivery at the *Employer* premises.
- Initiate the repairs process all the time a Hydraulic Oil Pump Unit requires.
- Ensure Hydraulic Oil Pump Units are classified clearly.

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2.5.2 Contractor

- a) The *Contractor* shall deliver as per specified information from the *Employer*.
- b) The *Contractor* shall advise if further information is required.
- c) The *Contractor* shall honor the delivery dates committed on.
- d) Communicate extended lead times where necessary/required.
- e) Always deliver in the Kusile Power Station Stores and obtain a signed delivery note.
- f) The contractor shall deliver same spare as installed in Kusile power station with the data sheet from the OEM of the equipment.

2.6 Process for Monitoring

This document will be a once-off document to state the scope of work to the supply and delivery of Hydraulic Oil Pump Unit from Original Equipment Manufacturer (OEM) Spares contract.

2.7 Related/Supporting Documents

N/A

3. To Supply and Delivery of Hydraulic Oil Pump Unit from Original Equipment Manufacturer (OEM) Spares Scope of Work.

3.1 Supply and delivery of Hydraulic Oil Pump Unit

Supply and Delivery of Hydraulic Oil Pump Unit delivered must be complete items, ready for utilization. Supply and Delivery of Hydraulic Oil Pump Unit must meet the specifications of Kusile Power Station of Hydraulic Oil Pump Unit. All deliveries must only occur after the receipt of an official order. All of Hydraulic Oil Pump Unit Spares must be Quality Checked by an approved QC nominee from the End-User list of spares inspectors Hydraulic Oil Pump Unit or accessory shall be accepted without prior inspection and specification verification. All costs prior to delivery associated with complete spare shall be managed by the supplier concerned.

3.2 Description of the works

The work is to Supply and Delivery of Hydraulic Oil Pump Unit from Original Equipment Manufacturer (OEM). The shares are listed in Table 1.

Table 1: of Hydraulic Oil Pump Unit List

Material Number	Plant	Sub-System	Equipment Short description	OEM Part No.	Quantity
645239	Turbine		PUMP, HYDRAULIC	HTGD485981P0012	12

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4. Acceptance

This document has been seen and accepted by:

Name	Designation
Sibusiso Vezi	Turbine Maintenance Manager
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5. Revisions

Date	Rev.	Compiler	Remarks
September 2024	01	T Mbuyazi	First Issue

6. Development Team

The following people participated in the development of this document:

- Thabani Mbuyazi- Maintenance Technician
- Yingisani Chauke- Maintenance Senior Supervisor

7. Acknowledgements

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