

	<p style="text-align: center;"><b>Scope of Work</b></p>	<p style="text-align: center;"><b>Kusile Power Station</b></p>
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## **1. Introduction**

Kusile Power Station management has decided to implement short-term procurement agreements for spares required for replenishment. These spares are considered essential due to their potential to cause partial or complete unit load losses, as well as their role in planned maintenance and emergency situations. To safeguard production continuity, these items are prioritized to minimize operational disruptions and maintain consistent efficiency and reliability across the plant.

## **2. Supporting Clauses**

### **2.1 Scope**

The Scope of Work (SOW) outlines the specific spares to be provided by the Supplier under a single, one-time contract agreement. 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 ensure that all maintenance spares that are being procured by Kusile Power Station are correct and correctly specified.

#### **2.1.2 Applicability**

This document is applicable to Kusile Power Station.

#### **2.1.3 Effective date**

This document will be effective from the date of its authorisation.

## **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

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## 2.2.2 Informative

## 2.3 Definitions

Abbreviation	Explanation
Contractor	Service provider contracted to provide specific spares & documentation to Kusile Power Station. Referred to as the Supplier on this document.
Employer	Kusile Power Station

## 2.4 Abbreviations

Abbreviation	Description
OEM	Original Equipment Manufacturer
PCLF	Planned Capability Loss Factor
QCP	Quality Control Plan
SOW	Scope of Work
UCF	Unit Capability Factor
UCLF	Unplanned Capability Loss Factor
SSC	Submerged Scrapper Conveyor
QA	Quality assurance
QC	Quality Control
NDT	Non-Destructive Testing
PCM	Process Control Manual
OD	Outside Diameter
PSCM	Procurement and Supply Chain Management
C&I	Control and instrumentation
WT	Wall Thickness

## 2.5 Roles and Responsibilities

### 2.5.1 Contractor/Supplier

- a. Provide a quotation for each listed item in Appendix A / Pricing Data as part of tender deliverable
- b. Supply procured spares as requested by the Employer
- c. Provide technical support services as requested by the Employer
- d. Confirm correctness of the supplied spares information.
- e. Provide spares technical information in accordance with this SOW.
- f. Timeously inform the Employer of any delays or when outstanding or additional information

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from the Employer is required

- g. Responsible to ensure that a quality product is delivered
- h. Responsible to ensure that the correct spare is supplied
- i. Responsible to ensure that every effort is made to keep to the agreed program and plan
- j. Provide all required technical datasheets and/or product brochures
- k. Provide Materials Management with populated DCFs for cataloguing of spares and record keeping
- l. Conform to all the other requirements stipulated in this document
- m. Supply all the necessary test sheets/results, where applicable
- n. All Supplier employees entering site shall comply with Eskom's policies and site regulations, adherence to Eskom's Life Saving Rules, adherence to Generation Occurrence Management Procedure, Smoking Policy, zero tolerance on alcohol usage, etc. These requirements will be detailed during the induction training process.
- o. Ensure that all staff brought onto site in connection with this SOW should be able to fluently speak, understand and write in English language.
- p. The Contractor ensures that all staff brought to Kusile PS site have a valid fitness certificate based on the specified plant man-job specification.

### **2.5.2 Employer: End-user**

The responsibilities of the Employer include the following:

- a. Compile and submit scope of work with technical specifications.
- b. Performs Quality Control of all spares on delivery at the Employer premises.
- c. Liaise with all relevant stakeholders for any input
- d. Ensure that the Works Information is in accordance with Eskom policies and procedures.
- e. Provide all necessary information to assist in spares and technical support services Procurement
- f. Participate in technical evaluation of the tender documents
- g. Assist with the preparation of all the reports to different tender committees, where applicable
- h. Provide technical assistance to Maintenance, Materials Management and Procurement
- i. Perform Quality Checks on procured spares and accompanying documentation
- j. Verification and acceptance of all supplied documentation including DCFs
- k. Responsible for QC at delivery of procured spares
- l. Departments during the execution of this Works Information
- m. Provide Materials Management with populated DCFs for cataloguing of spares and record keeping

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### **2.5.3 Employer: Materials Management**

- a. Catalogue the spares after completion of DCFs
- b. Confirm that the information supplied by the engineer is enough for cataloguing
- c. Perform QC on all submitted DCFs
- d. Make provision for storage of procured spares
- e. Work together with engineering and maintenance when accepting spares into stores

### **2.5.4 Employer: Procurement Department**

- a. Perform all procurement processes outlined in this Works Information
- b. Issue invitation to tender to the Supplier
- c. Supply engineering with Supplier information for sole source justifications, where applicable.
- d. Set up clarification meetings between Supplier and Employer
- e. Act as communication link between Supplier and Employer
- f. Ensure all necessary payments are affected timeously and keep record thereof.
- g. Arrange technical evaluation sessions.
- h. Compile and present mandate to negotiate and arrange negotiation meetings if and when required and give feedback to relevant tender committee.
- i. Keep record of all tender documentation

### **2.5.5 Employer: QC Technician / End-user**

- a. Perform inspections and QC on spares upon delivery
- b. Ensure spare items are stored properly by Materials Management as per relevant storage recommendations by the respective manufacturers
- c. Ensure Spares are used sparingly and appropriately for the duration of the contract.

## **2.6 Process for Monitoring**

This document will be a for annual service of diesel engines for Kusile Power Station.

## **2.7 Related/Supporting Documents**

Receiving and Issuing of Materials

## **3. Scope**

The Scope of Work (SOW) outlines the specific spares to be provided by the Supplier under a single, one-time contract agreement. The scope included here does not substitute procurement procedures that will be followed during the procurement process.

**CONTROLLED DISCLOSURE**

No.	Material	Text	UMC	QTY
01	0749583	SWITCH, PRESSURE: TYPE: N/C OR N/O; RANGE: 2-8 BAR; POTENTIAL: 230 VAC; CURRENT: 6 A; ACTION: ELECTROMECHANICAL; CONNECTION: THREAD SIZE G ½; CONTACT ARRANGEMENT: SPDT; POWER: 24 V; DIMENSIONS: WD 30 X LG 110 X THK 50 MM; APPLICATION: OIL; CLASSIFICATION: OIL; ENCLOSURE RATING: IP65; SPECIFICATION: DIN EN 175301-803; OEM P/N: VD 8 D.O /-L24; PERMITTED OPERATING.PRESSURE – 420 BAR. PERMITTED TEMPERATURE RANGE - -30 °C TO +100 °C.USED ON 60-4 0HAY62 CP301, PLEASE PROVIDE DATA SHEET,	EA	4
02	0757677	MODULE: TYPE: CP 341; OUTPUT: 24 VDC; APPLICATION: USE AT FGD OXI- BLOWER PLANT; DIMENSIONS: WD 40 X HT 125 X DP 120 MM; OEM P/N: 6ES73411CH020AE0; SIMATIC S7-300, COMMUNICATIONS PROCESSOR WITH RS422/485 INTERFACE	EA	4
03	614656	DETECTOR: TYPE: TRIBOELECTRIC MEASURING DEVICE; RATING: ACCORDING TO DIN 40050; MOUNTING: DIRECTLY MOUNTED ON SIDE OF DUCT; SPECIFICATION: EMV DIRECTIVE 89/336/EEC; LOW VOLTAGE DIRECTIVE 73/23/EEC; SUPPL P/N: PFM 92 C; IP65	EA	26
04	0760716	TRANSMITTER, LEVEL: RANGE: 35 M; OUTPUT: 4 – 20 MA; SUPPLY: 9.6 – 36 V DC; CONNECTION: G1 ½ THREADED; WORKING PRESSURE: 40 BAR; TYPE: RADAR LEVEL SENSOR; BODY MATERIAL: STAINLESS STEEL; DIAPHRAGM MATERIAL: ALLOY C22, ALLOY 400; ELECTRICAL CONNECTION: 2 WIRE; APPLICATION: RADIAL STACKER ASH PILE SENSOR; MANUF P/N: PS62.XXDGD2HKMXX; SPECIFICATION: 34496-EN-160119; MODEL NO: VEGAPULS 62; ORDER CODE = ZC2955296 OPERATING INSTRUCTIONS QUICK SETUP GUIDE 36503-EN 47109-ENMODEL NO: VEGAPULS 62	EA	6
05	622431	POWER SUPPLY: INPUT: 120-230 V 4.4-2.4 A 50/60 HZ; OUTPUT VOLTAGE: 24 VDC; OUTPUT CURRENT: 10 A; APPLICATION: SITOP PSU200M; DIMENSIONS: SQ 130 X WD 80 MM; CLASSIFICATION: CL 1 DIV 2; TYPE: SIGNALING MODULE; MOUNTING: SNAP ON; SPECIFICATION: DIN EN 60715-TH35-15/7.5; OEM P/N: 6EP1334-3BA10, OEM: SIEMENS	EA	7
	630874	MODULE: TYPE: TEMPERATURE CONTROL RELAY; POWER SOURCE: 24-240 VAC/DC 50 HZ; APPLICATION: DRY TYPE TRANSFORMER WINDING TEMPERATURE MONITOR; DIMENSIONS: WD 92 X HT 92 X DP 131 MM; SUPPL P/N: NT935-AD; OUTPUT: 1 SENSOR OR OPERATION FAILURE (FAULT) RELAY SPST; OUTPUT RELAYS WITH 10A-250VAC-RES COS=1 CONTACTS; MODBUS RTU RS485 OUTPUT; AMBIENT OPERATING TEMPERATURE: -20 TO 60 DEG C; ABSORPTION 7.5VA; 3 DIGIT LOCAL TEMPERATURE DISPLAY; 3 DIGIT LOCAL CHANNEL	EA	1

**CONTROLLED DISCLOSURE**

06		DISPLAY; 4 X PT100 INPUTS (3 WIRE); 2 X SPDT (ALARM & TRIP)' 1 X SPST (FAULT); 1 X 4-20MA; 1 X MODBUS RTU RS485		
07	0761518	SWITCH, LEVEL: METHOD OF ACTUATION: CAPACITANCE; RANGE: -50 TO 150 DEG C; POTENTIAL: 20 TO 72 VDC; CURRENT: 1 A DC; POWER: 1.5 W; ACTION: DPDT; CONTACT ARRANGEMENT: 2 FLOATING CHANGE OVER CONTACTS; APPLICATION: ANTI COLLISION SLEW PROBE; ELECTRICAL CONNECTION: 2 WIRE; ENCLOSURE RATING: IP66/67; CLASSIFICATION: NONE HAZARDOUS; LENGTH 2000 MM, PROCESS CONNECTION THREADED VERSION, -1 TO 64 BAR, 20 TO 253 VAC, 8 VA AC,	EA	45
08	0727527	HOSE, FLEXIBLE METAL: HOSE SIZE: 8 MM; LENGTH: 1.1 M; CONNECTION SIZE: 7/11 MM; CONNECTION TYPE: TAPER NIPPLE; MATERIAL: STAINLESS STEEL; RATING: 6 BAR; TYPE: HIGH PRESSURE; SPECIFICATION: INSTRUMENT AIR; MAXIMUM OPERATING PRESSURE: 44 BAR; SUPPL P/N: 323274; CORRUGATED STAINLESS STEEL FLEXIBLE TUBE, A NIPPLE WITH CYLINDRICAL TUBE THREAD, DN8 X 1100 MM	EA	300
09	0637089	LAMP, AUTOMOTIVE: TYPE: HEADLIGHT; POWER: 55-60 W; POTENTIAL: 220 VAC; COLOR: CLEAR; CONNECTION TYPE: PLUG; SPECIFICATION: IPX4; SUPPL P/N: H7R.2; STYLE: 117753; RECHARGEABLE BATTERY PACK, BATTERY SIZE: 4X AA; BULB TYPE: LED LENSER; ADJUSTABLE HEADBAND; USB CHARGER	EA	300
10	0692480	CONTROLLER, ELECTRONIC: TYPE: CONTROLLER; POTENTIAL: 240 VAC; INPUT: 240 VAC; SPECIFICATION: IP 66; REFERENCE NO: P0903055; SUPPLIER:STI; SERIAL NO: P0903055; PLEASE SUPPLY AND DELIVER THE FOLLOWING STI SMART TRACK CONTROLLER; SERIAL NO P0900024V TAG 29799; SUPPLY VOLTAGE 240 VAC; FREQUENCY 50-60HZ; AMBIENT TEMPERATURE -20 TO 0 DEGREES CELCIUS; THE CONTROLLER ENCLOSURE IS RATED FOR NEMA4X / IP66 ENVIRONMENT; INSIDE CONTROLLER BOX THREE ELECTRONIC BOARDS ARE MOUNTED; THE FIRST ONE IS MOUNTED ON THE CONTROLLER COVER AND IT IS CALLED "DISPLAY BOARD" (STI P/N 64037); THE SECOND ONE IS MOUNTED ON THE BOTTOM OF THE CONTROLLER'S BOX AND IS CALLED "POWER BOARD:(STI P/N 64038); THE 3RD ONE IS THE DRIVER IF THE HYDRAULIS PROPORTIONAL VALVE AND IT IS PLUGGED IN TO POWER BOARD (P/N CS05032BT)	EA	14
11	0714816	MODULE, COMMUNICATION: TYPE: SYNCHRONIZATION; OEM P/N: A900-CM-GNSS; GLOBAL NAVIGATION SATELLITE SYSTEM MODULE	EA	18
12	0011588	KIT, CABLE JOINT: CABLE SIZE: 20-50 MM2; TYPE: ELECTRICAL; CONDUCTOR: 2/3/4 CORE CU, 10-16 MM2; POTENTIAL: 1.1 KV; SUPPL P/N: J3; SPLICE ELECTRICAL, POLYETHYLENE INSULATION, PVC/SWA/PVC CABLES	EA	8

**CONTROLLED DISCLOSURE**

13	0044180	GLAND, CABLE: TYPE: COMPRESSION; SIZE: NO 0; MATERIAL: BRS NICKEL PLTD; CONNECTION: COMPRESSION; MANUF P/N: 0535-0; REFERENCE NO: CCG.A2	EA	20
14	0120047	DESICCANT: TYPE: SILICA GEL; CONTAINER: BAG 25 KG; MESH: 3-6 MM; ENVIROGEL ORANGE INDICATING BEADS; FOR USE ON TRANSFORMER BREATHERS; TO BE PROPERLY SEALED SO THAT MOISTURE WILL NOT BE ABSORBED; DELIVERY WILL NOT BE ACCEPTED IF HAZARDOUS CHEMICAL DATA SHEET IS NOT SUPPLIED WITH EVERY DELIVERY	KG	50
15	0137358	GLAND, CABLE: TYPE: CAPTIVE CONE; SIZE: NO 3; MATERIAL: BRS NICKEL PLTD; MANUF P/N: 050303; REFERENCE NO: CCG-BW; FOR STEEL WIRE ARMoured	EA	20
16	0211159	BALLAST, LAMP: TYPE: FLUORESCENT; POTENTIAL: 198-264 VAC; LAMP ACCOMMODATION QUANTITY: 2; CURRENT: 0.31 MA; POWER: 36 W; LAMP STYLE: TUBE; BALLAST STYLE: ELECTRONIC; SUPPL P/N: QTP2X36/230-240; QUICK TRONIC PROFESSIONAL TYPE, FOR DOUBLE LIN36W/21 LUMILUX PLUS 4 FOOT TUBES	EA	96
17	0218260	SENSOR: TYPE: PROXIMITOR; RANGE: 0-25 MM; RATING: 24 VDC; SUPPL P/N: 330180-51-00; 3300XL, FOR USE WITH KEYPHASOR, MUST BE CHECKED AT RECEIVING BEFORE BEING PLACED ON THE SELF	EA	4
18	0241694	CABLE, ELECTRICAL: VOLTAGE: 0.6/1 KV; CORE QUANTITY: 4; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 2.5 MM2; ARMOR: UNARMORED; DESIGN TYPE: INDUSTRIAL; BEDDING LAYER MATERIAL: PVC; SHEATH MATERIAL: PVC; TYPE: CONDUIT, STRANDED; COVERING: BLACK; RATING: 0.6/1 KV; SPECIFICATION: SANS 139; WEIGHT PER UNIT MEASURE: 0.24 KG/M; TEMPERATURE RATING: 70 DEG C; CONDUCTOR INSULATION: PVC; REFERENCE NO: BVV04DCM; F4CC 4925 002; LH WITH BLUE STRIPE UNARMoured COVERING; TEST CERTIFICATES TO BE SUPPLIED WITH DELIVERY	M	4000
19	0241699	CABLE, ELECTRICAL: VOLTAGE: 0.6/1 KV; CORE QUANTITY: 4; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 6 MM2; ARMOR: UNARMORED; DESIGN TYPE: INDUSTRIAL; BEDDING LAYER MATERIAL: PVC; SHEATH MATERIAL: PVC; TYPE: STRANDED; COVERING: PVC; RATING: 0.6/1 KV; SPECIFICATION: SANS 1339; WEIGHT PER UNIT MEASURE: 0.46 KG/M; TEMPERATURE RATING: 70 DEG C; CONDUCTOR INSULATION: PVC; REFERENCE NO: BVV04FCM; LH WITH BLUE STRIPE COVERING; TEST CERTIFICATE TO BE SUPPLIED WITH DELIVERY	M	2000
20	0241787	CABLE, ELECTRICAL: VOLTAGE: 0.6/1 KV; CORE QUANTITY: 3; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 70 MM2; RATING: 0.6/1 KV; CONDUCTOR INSULATION: PVC LH PVC SWA; REFERENCE NO: BVX03NCM; LOW HALOGEN WITH A BLUE STRIPE COVERING	M	300
21	0561044	BALLAST, LAMP: TYPE: FLUORESCENT; POTENTIAL: 220 V; CURRENT: 0.76 A; POWER: 80 W; LAMP STYLE: FLUORESCENT TUBE; BALLAST	EA	100

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		STYLE: QUICK TRONIC; LENGTH: 42 MM; HEIGHT: 20 MM; SPECIFICATION: QT-FQ; MOUNT: FLAT BASE; WIDTH: 30 MM		
22	0574043	SWITCH, PROXIMITY: TYPE: MAGNETIC; SENSING RANGE: 2.5 MM; POTENTIAL: 24 VDC; CURRENT: 3 A; ACTION: SPDT; CONTACT ARRANGEMENT: 1NO 1NC; CONTACT RATING: 24 VDC 3 A; DIMENSIONS: DIA 16 X LG 70 MM; APPLICATION: IDLER WHEEL ROTATION; MANUF P/N: 74-13528-B3; CONTACT MATERIAL: DALLADIUM SILVER WITH SAWTOOTH SURFACE; EPOXY FILLED; RESPONSE TIME: LESS THEN 8 MS; OPERATING TEMP: -40 DEG C TO 105 DEG C; HOUSING MATERIAL: 303 SS; CABLE LENGHT: 1.8 M; 48 MM OF THE COMPLETE LENGHT MUST BE THREADED; SENSING RANGE CAN BE 9 MM WITH TARGET MAGNET; TO BE SUPPLIED WITH TARGET MAGNET AMP3 - 21 MM X 13.65 MM; ALL TENDERS/QUOTES TO BE ACCOMPANIED BY APPLICABLE DATA SHEETS AND/OR DRAWINGS OF ITEM(S) TENDERED ON; TENDERS WITHOUT DATA SHEETS AND/OR DRAWINGS WILL BE REJECTED	EA	5
23	0581488	ASSEMBLY: TYPE: ELT TEAR DETECTOR UNIT; APPLICATION: CONVEYOR BELT; MATERIAL: STAINLESS STEEL; COMPRISING: POTENTIOMETER, SPRING, ROLLER; MANUF P/N: BSD47	EA	5
24	0621122	KIT, PUMP REPAIR: TYPE: CENTRIFUGAL; APPLICATION: PUMPS; COMPRISING: BEARINGS P/N 713580160; GASKETS P/N 713580430; MECHANICAL SEAL P/N 772240943; SHAFT KEYS/NUTS P/N 743980040; SHAFT SLEEVE P/N 763470140; TRIMMED IMPELLER DIA 300 MM P/N 76018203N; MODEL NO: LSN-125-330-S1VL1-13202	EA	6
25	0621124	KIT, PUMP REPAIR: TYPE: CENTRIFUGAL; APPLICATION: PUMPS; MODEL NO: LS-150-500S1VL1-16004; COMPRISING: TRIMMED DIAMETER IMPELLER 500 MM: P/N 76018169B; WEAR RING SUCTION SIDE: P/N 760950120; WEAR RING DISCHARGE SIDE: P/N 760950090; SHAFT WITH KEYS AND NUTS: P/N 743580010; BEARINGS: P/N 713580160; SHAFT SLEEVE: P/N 763470680; GASKETS: P/N 713580190; MECHANICAL SEAL: P/N 772240943	EA	3
26	0622582	CONNECTOR, LUG: TYPE: NON INSULATED; CONDUCTOR: 70 MM <sup>2</sup> ; HOLE SIZE: 12 MM; MATERIAL: CU TIN PLTD ELECTROLYTIC; TERMINATION END: RING; INSULATION: NO; POTENTIAL: 1 KVAC; CONDUCTOR CONNECTION: CRIMP; COLOR: SILVER; SUPPL P/N: XL0510	EA	150
27	0634166	SENSOR: TYPE: NON CONTACT POSITION; RANGE: 0-600 MM; RATING: 15-20 VDC; SUPPL P/N: RD4-C-R6-B-0600M-D60-A01; IP65; OUTPUT 4-20MA; SENSOR ROD STYLE: M18 X 1.5 HEX 46	EA	9
28	0636524	VALVE, BUTTERFLY: TYPE: HIGH PERFORMANCE; VALVE SIZE: 400 MM; DESIGN RATING: 400 KPA G; TEMPERATURE RATING: 50 DEG C; CONNECTION: FLANGE ANSI 150; BODY MATERIAL: ASTM A351 GR CF8M; FACE TO FACE LENGTH: 104 MM; OPERATED: MANUAL/PNEUMATIC; TRIM: DISC/GLAND RETAINER/SEAT RETAINER ASTM A351 GR CF8M; RETAINING RING/WASHER SS GR 18-8; SEAT RPTFE; STEM ASTM A564 TYPE 630; SOFTGOODS: STEM SEAL RING	EA	15

**CONTROLLED DISCLOSURE**

		CARBON FIBER/PTFE; APPLICATION: WATER; SPECIFICATION: 41-1600; STYLE: LUG; DRAWING NO: BGY-000284 REV 0		
29	0636525	VALVE, BUTTERFLY: TYPE: HIGH PERFORMANCE; VALVE SIZE: 500 MM; DESIGN RATING: 1000 KPA G; TEMPERATURE RATING: 110 DEG C; CONNECTION: FLANGE ANSI 150; BODY MATERIAL: ASTM A351 GR CF8M; FACE TO FACE LENGTH: 104 MM; OPERATED: MANUAL/PNEUMATIC; TRIM: DISC/GLAND RETAINER/SEAT RETAINER ASTM A351 GR CF8M; RETAINING RING/WASHER SS GR 18-8; SEAT RPTFE; STEM ASTM A564 TYPE 630; SOFTGOODS: STEM SEAL RING CARBON FIBER/PTFE; APPLICATION: WATER; SPECIFICATION: 41-2000; STYLE: LUG; DRAWING NO: BGY-000285 REV 0	EA	14
30	0643257	DESICCANT: TYPE: SILICA GEL; CONTAINER: 1 KG; SUPPL P/N: FS-AP03F5100; DRY FILTER	KG	200
31	0643438	FILTER, AIR: TYPE: 8 POCKETS; DIMENSIONS: SQ 600 X THK 300 MM; MATERIAL: FIBER; APPLICATION: AIR CONDITIONER; SECONDARY AIR FILTERS; EFFICIENCY: 85 PCT; SHAPE: SQ; SUPPL P/N: DPF85-600-600-300; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	80
32	0646332	SWITCH, LIMIT: POTENTIAL: 24 VDC; CURRENT: 10 A; ACTION: SPST; ACTUATOR: SNAP SWITCH ELEMENT; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: METAL; POWER: 230 W; CONTACT RATING: 1 A; APPLICATION: POSITIONER; ENCLOSURE RATING: IP67; SUPPL P/N: ZR355-11Z-1637; SNAP ACTION WITH CONSTANT CONTACT PRESSURE UP TO SWITCHING POINT	EA	10
33	0648743	METER, FLOW: TYPE: ELECTROMAGNETIC; CONNECTION: FLANGE; RANGE: 0-110000 M3/HR; MATERIAL: AL CAST; POTENTIAL: 85-260 VAC; ENCLOSURE RATING: IP67 NEMA 4X; SUPPL P/N: 50W2F-UR0A4AA0AABD; CL150; SS 316L; FLANGE ANSI B16.5; CALIBRATION: 0.5PCT; ELECTRODES: 1.4435/316L; HOUSING: COMPAC ALU; OUTPUT: 4-20MA; CABLE ENTRY: GLAND M20; CALIBRATION CERTIFIACE RQUIRED	EA	2
34	0648915	TRANSMITTER, PRESSURE: RANGE: 0-3 BAR; OUTPUT: 4-20 MA; SUPPLY: 11.5-45 VDC; CONNECTION: 1/4 IN-NPT; BODY MATERIAL: ALUMINIUM; TYPE: CONTINUOUS MODULARITY; APPLICATION: FGD BLOWERN DIFFERENTIAL PRESSURE; CLASSIFICATION: NON HAZARDOUS; MOUNT: BRACKET; ENCLOSURE: IP66/67; SUPPL P/N: PMD75-ABA7H11BAUA	EA	6
35	0653635	BALLAST, LAMP: TYPE: HIGH PRESSURE SODIUM; POTENTIAL: 230 VAC; LAMP ACCOMMODATION QUANTITY: 1; CURRENT: 7.5 A; POWER: 100 W; LAMP STYLE: NAV-T; BALLAST STYLE: MAGNETIC; MOUNT: BOLTED; SUPPL P/N: 89121968	EA	57
36	0655950	HEAT EXCHANGER: TYPE: SHELL/TUBES; PASS: 2; RATING: 88KW PN40; DIMENSIONS: SHELL: 219.1 MM X TUBE: DN80; SUPPL P/N: KS20-AEN-421-L1300; OIL CONNECTION: SAE 2-1/2IN WATER CONNECTION; 1.4404 TUBES; STEEL SHELL; VENDORS ARE RESPONSIBLE FOR	EA	3

**CONTROLLED DISCLOSURE**

		ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).		
37	0659047	POSITIONER, VALVE: TYPE: FLUID; SUPPLY PRESSURE: 1.4-6.9 BAR; INPUT: 24 VDC; SUPPL P/N: SVI2-21113121; PNEUMATIC TRAIN: SINGLE ACTING; COMMUNICATION: HART 4-20MA; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	14
38	0659167	CABLE, ELECTRICAL: VOLTAGE: 0.6/1 KV; CORE QUANTITY: 1; CONDUCTOR MATERIAL: COPPER; CONDUCTOR SIZE: 240 MM2; ARMOR: UNARMORED; DESIGN TYPE: BVV01TCM; BEDDING LAYER MATERIAL: PVC; SHEATH MATERIAL: LOW HALOGEN PVC SHEATHED BLACK WITH BLUE STRIPE; STANDARD: SANS1507 PART3; TYPE: STRANDED; COVERING: PVC; RATING: 0.6/1 KV; SPECIFICATION: SANS 1507-3; LENGTH: DRUM 1000 M; APPLICATION: LOW VOLTAGE DISTRIBUTION; PVC FIRE RETARDANT (FR) BLACK/BLUE (LHFR) ONE CORE LV CABLE	M	2500
39	0659775	UNION, PIPE: SIZE: DN8; CONNECTION: 1/4 IN; MATERIAL: POLYURETHANE; SUPPL P/N: 153005; PUSH-IN MALE THREADED WITH EXTERNAL HEX CONNECTION	EA	30
40	0661580	MODULE: TYPE: ACOUSTIC HEAD AMPLIFIER; OUTPUT: 4-20/0-10 MA; POWER SOURCE: 24 VDC 0.3 A; APPLICATION: TUBE LEAK DETECTOR SIGNAL PROCESSING UNIT; DIMENSIONS: WD 230 X LG 300 X HT 132 MM; SUPPL P/N: EA81-014-000/EA81-015-000; IP65; OPERATING TEMP: -10 TO 55 DEG; ACOUSTIC HEAD AMPLIFIER NO A/P; CONSISTING OF THE ACOUSTIC HEAD AMPLIFIER CARD AND BOX ASSEMBLY	EA	8
41	0666374	TRANSMITTER, PRESSURE: RANGE: 0-1200 KPA; OUTPUT: 1200 KPA; SUPPLY: 24 V; CONNECTION: DN50 MM; APPLICATION: FGD BLEED PUMP EXHAUST 10HTN20CP001; CAPPILARY LENGTH: 10 M; ENCLOSURE: ALUMINIUM; SUPPL P/N: PMP75-ABA1SC2B319E	EA	9
42	0656173	VALVE, BUTTERFLY: TYPE: LUG; VALVE SIZE: DN80; DESIGN RATING: 16 BAR; TEMPERATURE RATING: -10 TO 120 DEG C; CONNECTION: LUG; BODY MATERIAL: DUCTILE IRON ASTM A3356 GR65-45-12; FACE TO FACE LENGTH: 80 MM; OPERATED: ACTUATOR ELECTRIC; SOFTGOODS: BODY AND BONNET: DUCTILE ASTM A536 GR65-45-12; FULLY EPDM(SYNTHETIC RUBBER) LINED; SEAT: EPDM; DISC: HASTELLOY C22; APPLICATION: REAGENT TO WET SCRUBBER ABSORBER 1 MOV-10-60HTK11/21/31AA101; GRADE: LV2; SPECIFICATION: LEAKAGE CLASS: CLASS VI; ANSI FCI 70-2 AND IEC60534-4; SUPPL P/N: SGM05.01-F07/DN80; VALVE INSTALLED WITH HORIZONTAL STEM; SEALING SEAT/PLUG: SSTSO CS; RULES FOR SEALING: DRILLING TEMPERATURE AS PER PN16 EN1092-1; FULLY EPDM, SYNTHETIC RUBBER, LINED; PROTECTION: IP55	EA	1
43	0656175	VALVE, BUTTERFLY: TYPE: LUG; VALVE SIZE: DN100; DESIGN RATING: 16 BAR; TEMPERATURE RATING: -10 TO 120 DEG C; CONNECTION: LUG; BODY MATERIAL: DUCTILE IRON ASTM A3356 GR65-45-12; FACE TO FACE LENGTH: 100 MM; OPERATED: ACTUATOR ELECTRIC;	EA	1

**CONTROLLED DISCLOSURE**

		SOFTGOODS: BODY AND BONNET: DUCTILE ASTM A536 GR65-45-12; FULLY EPDM(SYNTHETIC RUBBER) LINED; SEAT: EPDM; DISC: DUCTILE ASTM A536 GR65-45-12; FULLY EPDM(SYNTHETIC RUBBER) LINED; APPLICATION: WET SCRUBBER ABSORBER 1 GYPSUM RECYCLE TO ABSORBER FLUSHING MOV-10-60HTN64AA101; GRADE: LV2; SPECIFICATION: LEAKAGE CLASS: CLASS VI; ANSI FCI 70-2 AND IEC60534-4; SUPPL P/N: SGM05.01-F07/DN100; VALVE INSTALLED WITH HORIZONTAL STEM; SEALING SEAT/PLUG: SSTS0 CS; RULES FOR SEALING: DRILLING TEMPERATURE AS PER PN16 EN1092-1; FULLY EPDM(SYNTHETIC RUBBER) LINED; PROTECTION: IP55		
44	0656177	VALVE, BUTTERFLY: TYPE: LUG; VALVE SIZE: DN 250; DESIGN RATING: 10 BAR; TEMPERATURE RATING: -10 TO 120 DEG C; CONNECTION: LUG; BODY MATERIAL: DUCTILE ASTM A536 GR65-45-12; FACE TO FACE LENGTH: 250 MM; OPERATED: ACTUATOR ELECTRIC; SOFTGOODS: BODY AND BONNET: DUCTILE ASTM A536 GR65-45-12; FULLY EPDM(SYNTHETIC RUBBER) LINED; SEAT: EPDM; DISC: DUCTILE ASTM A536 GR65-45-12; FULLY EPDM(SYNTHETIC RUBBER) LINED; APPLICATION: FILTER FEED TANK TO DEWATERING 1 MOV-00HTN26AA131/2/3/4 OR 00HTN25AA1111/2/3/4; GRADE: LV2; SPECIFICATION: LEAKAGE CLASS: CLASS VI; ANSI FCI 70-2 AND IEC60534-4; SUPPL P/N: SGM10.1-F10/DN250; VALVE INSTALLED WITH HORIZONTAL STEM; SEALING SEAT/PLUG: SSTS0 CS; RULES FOR SEALING: DRILLING TEMPERATURE AS PER PN16 EN1092-1; FULLY EPDM (SYNTHETIC RUBBER) LINED; PROTECTION: IP55	EA	1
45	0656118	VALVE, BUTTERFLY: TYPE: LUG; VALVE SIZE: 80 MM; DESIGN RATING: 16 BAR; TEMPERATURE RATING: -10 TO 120 DEG C; CONNECTION: FLANGE PN16; BODY MATERIAL: SPHERIODAL GRAPHITE CI JS1030 (3G); FACE TO FACE LENGTH: 46 MM; OPERATED: LEVER-SR-180 MM; SOFTGOODS: SHAFT: SS 1.4029 (6K); DISC: SPHERIODAL GRAPHITE CAST IRON JS1030 WITH HARD RUBBER COATING (3P); APPLICATION: LIMESTONE REAGENT TO ABSORBER; SUPPL P/N: 16DN80.T4.PN16.3G6K3PXA-LEVER-SR-180; WITH RAISED FACE-T4; LINER-EPDM XA (XA); ISORIA	EA	5
46	0656178	VALVE, BUTTERFLY: TYPE: LUG; VALVE SIZE: DN150; DESIGN RATING: 16 BAR; TEMPERATURE RATING: -10 TO 120 DEG C; CONNECTION: LUG; BODY MATERIAL: DUCTILE ASTM A536 GR65-45-12; FACE TO FACE LENGTH: 150 MM; OPERATED: ACTUATOR ELECTRIC; SOFTGOODS: BODY AND BONNET: DUCTILE ASTM A536 GR65-45-12; FULLY EPDM(SYNTHETIC RUBBER) LINED; SEAT: EPDM; DISC: DUCTILE ASTM A536 GR65-45-12; FULLY EPDM(SYNTHETIC RUBBER) LINED; APPLICATION: WFGD GYPSUM VALVE TO FILTER FEED FLUSHING VALVE 10-60HTN82AA101; GRADE: LV2; SPECIFICATION: LEAKAGE CLASS: CLASS VI; ANSI FCI 70-2 AND IEC60534-4; SUPPL P/N: SGM10.1-F10/DN150; VALVE INSTALLED WITH HORIZONTAL STEM; SEALING SEAT/PLUG: SSTS0 CS; RULES FOR SEALING: DRILLING TEMPERATURE AS PER PN16 EN1092-1; FULLY EPDM(SYNTHETIC RUBBER) LINED; PROTECTION: IP55	EA	2

**CONTROLLED DISCLOSURE**

47	0656133	VALVE, BUTTERFLY: TYPE: LUG; VALVE SIZE: 250 MM; DESIGN RATING: 16 BAR; TEMPERATURE RATING: -20 TO 20 DEG C; CONNECTION: FLANGE PN 10; BODY MATERIAL: SPHERIODAL GRAPHITE CI JS1030 (3G); FACE TO FACE LENGTH: 68 MM; OPERATED: MR-50-MARINE; SOFTGOODS: SHAFT: SS 1.4029 (6K); DISC: SPHERIODAL GRAPHITE CAST IRON JS1030 WITH HARD RUBBER COATING (3P); APPLICATION: RAPID DRAIN TANK DRAIN; SUPPL P/N: 16DN250.T4.PN10.3G6K3PXA-MR-50-MARINE; WITH RAISED FACE-T4; LINER-EPDM XA (XA); ISORIA	EA	3
48	0714918	MODULE: TYPE: CANIF-00 POWER SUPPLY CARD; INPUT: 400 V; OUTPUT: 230 V; POWER SOURCE: 24 V; SUPPL P/N: 5911080000_DT320876_10KVA	EA	9
49	0714640	MODULE: TYPE: CUX BOARDS; POWER SOURCE: 24 VDC; APPLICATION: CHLORIDE UPS 10 KVA; SUPPL P/N: 6911100000_DT320876_10KVA	EA	7
50	0717118	SWITCH, LIMIT: POTENTIAL: 240 VDC; CURRENT: 3 A; ACTION: DPDT; ACTUATOR: DPDT; CONTACT ARRANGEMENT: 2NC 2NO; ENCLOSURE: IP66; SUPPL P/N: ZCK-J2 ZCK-E65; DATASHEET OF LIMIT SWITCH TO BE SUPPLIED WITH THE COMPONENT UPON DELIVERY TO SITE. BOTH THE LIMIT SWITCH; BODY (ZCK-J2) AND PLUNGER HEAD (ZCK-E65) NEEDS TO BE DELIVERED ALREADY ASSEMBLED	EA	18
51	0642384	CONVERTER: TYPE: ANALOG; INPUT: 0-5 VDC 0-20 MA; OUTPUT: 0-10 VDC 4-20 MA; APPLICATION: BARRING GEAR; REFERENCE NO: 6644207; SPRING CLAMP TERMINALS; 24VDC +-15 PERCENT OPERATING VOLTAGE; 50MA OPERATING CURRENT; 25HZ INPUT FRREQUENCY; 4002 OUTPUT LOAD; 0.5% TOLERANCE; TEMPERATURE RANGE -25 TO 50 DEG C; DIN RAIL MOUNTABLE; DIMENSIONS WD 12.4 X HT 90 X DP 65MM; TEST ISOLATION VOLTAGE 0.75KV	EA	12
52	0699979	MODULE: TYPE: SPECIAL I/O MODULE HDD17; INPUT: 24-30 V; POWER SOURCE: 24-30 V; APPLICATION: BOILER FLUE GAS CLEANING; DIMENSIONS: WD 130 X LG 238 X HT 90 MM; COMMERCIAL SIZE: WD 130 X LG 238 X HT 90 MM; SUPPL P/N: RM-X5.35/HDD17; I/O MODULE (TWO WHITE ELECTRONIC CASINGS) - 1X RM-X05.32, 1XRM-I/O BOX RM-X05.32 COMES WITH 1XM25 BLIND; 4XM20 GLAND; 1XPRESSURE SENSOR CONNECTIONS RM-I/O - BOX 1XVENTING ELEMENT, 4XM25 GLAND TOTAL LENGTH FOR TWO BOXES - 501MM I/O BOX TO BE CONFIGURED FOR CELL HDD17: BUS ADDRESS 8 ALL PCB MALE CONNECTORS TO BE INCLUDED; I/O BOX TO INCLUDE PRESSURE TRANSMITTER (OEM 511.930003141 10 BAR); I/O BOX LABELLED WITH BUS ADDRESS AND CELL ADDRESS; I/O MODULE; COMES AS DUAL BOX - WHITE IN COLOUR REVIEW THE BUS ADDRESS AND CELL LABEL; IP66, RS-485	EA	5
53	0218263	SWITCH, PROXIMITY: POTENTIAL: 24 VDC; SUPPL P/N: 330105-02-12-10-02-00; PROBE, SIZE 8MM, MATERIAL SS, 1130MM CABLE LENGTH, 3300XL, FOR USE WITH KEYPHASOR	EA	12
54	0645213	SWITCH, PROXIMITY: TYPE: INDUCTIVE SENSOR; SUPPL P/N: NCN4-12GM40-Z0	EA	6

**CONTROLLED DISCLOSURE**

55	0232771	PROBE: TYPE: VIBRATION; DIAMETER: 8 MM; RATING: 0-24 V; CABLE LENGTH: 1 M; MATERIAL: STEEL; SUPPL P/N: 330105-02-12-10-02-05; REVERSE MOUNT, TO MEASURE RADIAL AS WELL AS KEYPHASOR, AISI 4140	EA	19
56	0238426	MODULE, POWER SUPPLY: TYPE: POWER SUPPLY 1-PHASE AC; INPUT: 120/230 VAC; OUTPUT: 24 VDC; SUPPL P/N: 6EP1334-2BA00; SITOP PSU100S/1AC/24VDC/10A	EA	3
57	0698209	TRANSDUCER: TYPE: PROXIMITOR; INPUT: -20 TO -1 V; OUTPUT: -4 TO 20 MA; POWER SOURCE: -17.5 TO -26 VDC; APPLICATION: VIBRATION MONITORING; SPECIFICATION: CSA, ATEX, IECEX; SUPPL P/N: 330180-51-ZA; 3300 XL 8 MM	EA	6
58	0655108	SENSOR, VIBRATION: FREQUENCY RESPONSE: 2 HZ-1 KHZ; OPERATING TEMPERATURE: -25 TO 90 DEG C; OUTPUT: 4-20 MA DC; POTENTIAL: 12-32 VDC; CONNECTION: DCS; MOUNT: BOLTED; DIMENSIONS: DIA 28 MM X LG 5.7 M; ENCLOSURE: IP67; VELOCITY TRANSDUCER WITH DC OUTPUT FOR CONTINUOUS VIBRATION; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	3
69	0635979	VALVE, BALL: VALVE SIZE: DN 150; DESIGN RATING: 12 BAR; TEMPERATURE RATING: 50 DEG C; CONNECTION: FLANGE; BODY MATERIAL: 1.4408 SST/CF3M SST; FACE TO FACE LENGTH: 150 MM; OPERATED: ACTUATOR/ELECTRICAL; APPLICATION: RECLAIMING WATER TANK; TYPE: LEVEL CONTROL; REFERENCE NO: DN150V150; FLANGE ACCORDING TO PN10/16 RF FLG.	EA	2
60	0635980	VALVE, BALL: VALVE SIZE: DN 150; DESIGN RATING: 12 BAR; TEMPERATURE RATING: 50 DEG C; CONNECTION: FLANGE; BODY MATERIAL: 1.4408 SST/CF3M SST; FACE TO FACE LENGTH: 200 MM; OPERATED: ACTUATOR/ELECTRICAL; APPLICATION: MAKE UP WATER MIST ELIMINATOR TANK; TYPE: LEVEL CONTROL; REFERENCE NO: DN150V200; FLANGE ACCORDING TO PN10/16 RF FLG.	EA	5
61	0620426	GEARBOX: TYPE: BEVEL HELICAL; RATIO: 33.88:1; SPEED: 1455/43 RPM; POWER: 30 KW; SHAFT SIZE: 110 MM; APPLICATION: AERATOR; ROTATION DIRECTION: CLOCK/ANTI CLOCKWISE; MODEL NO: ZR168K2S200L4-W; REFERENCE NO: JHK0908-3001588046/3; MOUNTING: V1-1A; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	4
62	0762633	ENCODER, MOTOR: TYPE: ROTARY; POTENTIAL: 10 TO 30 V; SHAFT: 25 MM; FREQUENCY RANGE: 1000 HZ; MOUNT: MAGNET; CURRENT: 70 MA; POWER: 1.68 W; OEM P/N: PPE-1000-E3-Q-XHD-M	EA	18
63	0767600	PROBE: TYPE: THRUST; DIAMETER: 110 MM; LENGTH: 1000 MM; RATING: -17,5 TO -26 VDC; CABLE LENGTH: 50.8 MM; MATERIAL: ARMORED STEEL	EA	24
64	0662681	ANALYZER, OXYGEN: TYPE: LIQUID CRYSTAL DISPLAY; DIMENSIONS: LG 91.44 M; POWER SUPPLY: 240 VDC; ANALYSIS CELL TYPE: FLUE GAS DUCT MEASUREMENT; STANDARD: WDG-1200/INSITU	EA	20

**CONTROLLED DISCLOSURE**

65	0621688	THERMOMETER, DIAL: RANGE: 0-120 DEG C; STEM LENGTH: 160 MM; DIAL SIZE: 100 MM; CONNECTION LOCATION: ADJUSTABLE; CONNECTION: 1/2 IN-BSP; MATERIAL: SS GR 316; CAPILLARY LENGTH: 1.5 M; SPECIFICATION: K1V; SUPPL P/N: K1V731460	EA	3
66	0580287	TRANSMITTER, DIFFERENTIAL PRESSURE: RANGE: 0-450 M3/HR; OUTPUT: 4-20 MA; SUPPLY: 10.5V-45VDC; WORKING PRESSURE: 21 BAR; CONNECTION: 1/2 IN-NPT; ELECTRICAL CONNECTION: M20; APPLICATION: BFP INTERMEDIATE FLOW; MOUNT: BRACKET; ENCLOSURE: IP67; MANUF P/N: FKCW35	EA	3
67		Transport	KM	

### 3.1 Plant Description

Kusile Power Station is a 4 800MW rated power station, with each of the six (6) Units rated at 800MW.

### 3.2 Description of the Works

The works entails the supply and delivery of spares with technical specifications detailed in a spares list (BOQ) that is included herein: Spares Replenishment BOQ.

### 3.3 Documentation

The following are the *Employers* requirements from the *Supplier*:

- 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 spares 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.*
- c. The *Supplier* will supply any additional information such as brochure, general arrangement drawing, certificates (including material certificates), detailed specification, data sheet, Settings, Documents for programmable electronic cards and spares 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* in order 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.

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### **3.4 Acceptance of Spares**

#### **3.4.1 Spares Identification**

Appendix A – Pricing Data will be included in this document when additional material items, beyond those currently listed, are identified for procurement under this Scope of Work (SOW). This list corresponds to the provided electronic copy of the DCF's or SAP Specification.

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.

#### **3.4.2 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.

#### **3.4.3 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.
- 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
  - c) Part number
  - d) Eskom SAP Material number
  - e) Drawing number, where applicable
  - f) Physical address of Kusile Power Station and the *Supplier*
  - g) Contact details of the *Supplier*
  - h) Delivery note number

#### **3.4.4 Acceptance of spares**

- a. Incorrect, damaged or faulty spares will NOT be accepted.

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- 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 within 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.
- 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.

#### **3.4.5 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 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, which is 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.
- 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

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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.

### **3.5 Spares Management**

**Appendix A – Pricing Data** will be included in this document when additional material items, beyond those currently listed, are identified for procurement under this Scope of Work (SOW). This list corresponds to the provided electronic copy of the DCF's or SAP Specification Printout 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.

### **3.6 Equipment Required**

The Supplier and his sub-suppliers must possess the tools and equipment to satisfy the requirements for the scope.

### **3.7 Consumables Required**

The Supplier must supply his own consumables to satisfy the requirements for scope.

### **3.8 Planned Key Performance Indicators (KPI)**

The KPI's will be used to determine the successful performance of the scope. The Supplier is required to perform to meet these targets. The KPI's are to be agreed to between parties and are subject to change on a quarterly basis, based on the need.

- o First committed delivery date
- o Quality
- o Non-compliance to the agreed Scope of Work and Quality Control Plans

### **3.9 Insurance of the Goods**

Insurance to be the responsibility of the Supplier until delivery.

## **4. Acceptance**

This document has been seen and accepted by:

<b>Name</b>	<b>Designation</b>
	Materials Management Line Manager
	Material Requirement Planner
	PSCM Group Manager

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## 5. Revisions

<b>Date</b>	<b>Rev.</b>	<b>Compiler</b>	<b>Remarks</b>
September 2025	1	Doreen Mbatha	First Issue

## 6. Development Team

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

## 7. Acknowledgements

N/A

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**Appendix A / Pricing Data – Spares Replenishment BOQ**

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