

PART 3: SCOPE OF WORK

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C3.1: *PURCHASER'S* GOODS INFORMATION

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1 Overview and purpose of the goods and services

Works Information

Provision of Supply and delivery of Non-Critical Fans on five (5) year's period for Kusile Power Station with Technical Specification in Table 1

Item No	Material	Full Description	Quantity (Each)	Rate	Total Price
1	40294	FAN, ELECTRIC: TYPE: AXIAL COOLING; SIZE: 150 MM; POTENTIAL: 240 VAC; VOLUME RATING: 96.4 L/S; SUPPL P/N: W2S130-AA0323; 50 HZ 40 W; 55 MM HT	20		
2	40591	FAN, ELECTRIC: TYPE: AXIAL COOLING; SIZE: 190 MM; POTENTIAL: 220 VAC; CURRENT: 0.27 A; REFERENCE NO: W2E-200; 50 HZ 58 W, COMPLETE WITH MOUNTING FRAME GUARD GRILL AND CAPACITOR	3		
3	244087	FAN, ELECTRIC: TYPE: SICKLED; SIZE: 9 IN; POTENTIAL: 230 VAC; CURRENT: 290 MA; VOLUME RATING: 925 M3/HR; SPEED: 2550 RPM; MATERIAL: STEEL; SPECIFICATION: EN60335-1; INSULATION CLASS: B; DIRECTION: CLOCKWISE; CLASSIFICATION: IP44; BLADE QUANTITY: 7; SUPPL P/N: W2E200-HK38-01; 07002300A00002L; REQUIRED FOR USE ON ALL 50 KVA UPS; COATED IN BLACK; AC AXIAL COMPACT	1		
4	579220	FAN: TYPE: VENT; VOLUME RATING: 30 M3/MIN; MATERIAL: S235JR; DRIVER: ELECTRIC MOTOR; MANUF P/N: 199509/0005H	2		
5	612208	FAN, ELECTRIC: TYPE: UPS; SIZE: DIA 150 MM; POTENTIAL: 230 VAC; CURRENT:	77		

Item No	Material	Full Description	Quantity (Each)	Rate	Total Price
		3 A; VOLUME RATING: 100 M3/MIN; TEMPERATURE CLASS: 40 DEG C; OEM P/N: 0108040058; 66.70 VA/ 50 HZ			
6	629914	FAN, ELECTRIC: TYPE: COOLING; SIZE: SQ 323 MM; POTENTIAL: 230 VAC; CURRENT: 0.37 A; VOLUME RATING: 465 M3/HR; SPEED: 2720 RPM; MATERIAL: PLASTIC; DIRECTION: CLOCKWISE; SUPPL P/N: SK3243; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED	1		
7	635420	FAN: TYPE: DIRECT COUPLED BACKWARD BLADED CENTRIFUGAL; DIMENSIONS: LG 1703 MM; VOLUME RATING: 2 M3/S; MATERIAL: STEEL; DRIVER: ELECTRIC MOTOR; SUPPL P/N: TF710/250/14; REFERENCE NO: TF710/250/14; IMPELLER TYPE: AXIAL BLADE	2		
8	637912	FAN: TYPE: HCC SEAL AIR SIDE CHANNEL BLOWER; DIMENSIONS: WD 313 X LG 334 X HT 337 MM; VOLUME RATING: 2.5 M3 AT 70 MBAR; SUPPL P/N: 137108; 004.1330; DIRECT 0.85KW	6		
9	641885	FAN, ELECTRIC: TYPE: CENTRIFUGAL; SIZE: DIA 762 MM; POTENTIAL: 24 VDC; CURRENT: 2.2 A; VOLUME RATING: 1.699 M3/HR	3		
10	641886	FAN, ELECTRIC: TYPE: CENTRIFUGAL; SIZE: DIA 700 MM; POTENTIAL: 230 VAC; CURRENT: 10 A; VOLUME RATING: 1.990 M3/HR	10		

Item No	Material	Full Description	Quantity (Each)	Rate	Total Price
11	642607	FAN: TYPE: FORCED DRAUGHT; DIMENSIONS: DIA 10.36 MM; VOLUME RATING: 802.1 M3/S; SPECIFICATION: ENF; DRIVER: MOTOR; SUPPL P/N: 34EN8	24		
12	642608	FAN: TYPE: FORCED DRAUGHT; DIMENSIONS: DIA 10.36 MM; VOLUME RATING: 821.4 M3/S; SPECIFICATION: ENF; BLADE QUANTITY: 9; DRIVER: MOTOR; SUPPL P/N: 34EN9	25		
13	643435	FAN: TYPE: RADIAL; SUPPL P/N: DG30(EX)	1		
14	643558	FAN: TYPE: CUBICLE; SUPPL P/N: FAN15; REFERENCE NO: FK7726.230VAC- 1610CUM/HR	1		
15	644580	FAN, ELECTRIC: TYPE: DIAGONAL/SELF- STARTING; SIZE: SQ 255 MM; POTENTIAL: 230 VAC; CURRENT: 0.26 A; VOLUME RATING: 205 M3/HR; MATERIAL: PVC; POLES: 1; SUPPL P/N: SK3241.100	2		
16	644851	FAN: TYPE: GEN SET; DIMENSIONS: DIA 12 MM; VOLUME RATING: 70 M3/HR; SUPPL P/N: 38005	1		
17	644882	FAN, ELECTRIC: TYPE: FILTER; SIZE: SQ 152 X THK 89 MM; POTENTIAL: 220 VDC 22 W; CURRENT: 0.4 A; VOLUME RATING: 67 M3/HR; DIRECTION: BLOWING; SUPPL P/N: GHV1500220	2		
18	650114	FAN: TYPE: CENTRIFUGAL; SUPPL P/N: 305003; MPR SERIES 7	2		
19	655105	FAN: TYPE: FD; DIMENSIONS: DIA 9144 MM; VOLUME RATING: 643.6 M3/S;	2		

Item No	Material	Full Description	Quantity (Each)	Rate	Total Price
		SPECIFICATION: 30ENF8; BLADE QUANTITY: 8; DRIVER: MOTOR; NO DIFFUSOR PRESENT			
20	655914	FAN, ELECTRIC: TYPE: CENTRIFUGAL; SIZE: WD 600 X LG 527 X HT 462 MM; POTENTIAL: 400 V; CURRENT: 5.89 A; VOLUME RATING: 200 M3/HR; MATERIAL: MS SANS 1431-GR20WA; SPECIFICATION: F7; SUPPL P/N: 1A009966-4; IMPELLER: 386 MM; DIRECT DRIVE; BACKWARD CURVED; SERIES: DLM V 30/15	1		
21	659212	FAN, ELECTRIC: TYPE: BATTERY CHARGER; SIZE: SQ 120 X THK 38 MM; POTENTIAL: 230 VAC; CURRENT: 10 A; VOLUME RATING: 2.52-2.83 M3/MIN; SPEED: 3000 RPM; MATERIAL: DIECAST; SPECIFICATION: FAN100-4C 230HB; DIRECTION: CLOCKWISE; SUPPL P/N: 230V/BI-SONIC; HOUSING MATERIAL: AL; COLOR: BLACK; RATING: UL94V-D; POWER: 22/19 W	3		
22	660487	FAN, ELECTRIC: TYPE: CENTRIFUGAL BLOWER; SIZE: WD 182 X LG 518 X HT 472 MM; POTENTIAL: 400 V; CURRENT: 1.86 A; VOLUME RATING: 1220 M3/HR; SPEED: 2845 RPM; POLES: 2; DIRECTION: BI DIRECTIONAL; SUPPL P/N: CRB300; DRAWING NO: CBZ-400-24-000-11 REV 0; CASING MATERIAL: MS; IMPELLER MATERIAL: AL; FAN TO BE SUPPLIED AS A UNIT INCLUDING THE MOTOR CMG 0.75 KW; 2820 RPM; 2P; FOOT MOUNT; MODEL: MART080-2	3		

Item No	Material	Full Description	Quantity (Each)	Rate	Total Price
23	665876	FAN, ELECTRIC: TYPE: AC AXIAL COMPACT; SIZE: DIA 172 X WD 51 MM; POTENTIAL: 230 VAC; CURRENT: 0.1 A; VOLUME RATING: 375 M3/HR; SPEED: 2800 RPM; MATERIAL: DIE CAST ALUMINIUM; DIRECTION: COUNTER CLOCKWISE; MANUF P/N: 6058 ES; 24 WATT; -25 TO 75 DEG C; CABLE 2 FLAT PLUGS 2.8 X 0.5 MM; HOUSING WITH GROUNDING LUG FOR M4 X 6; MOTOR PROTECTION PROTECTED FROM OVERLOAD BY THERMAL SWITCH; SOUND POWER LEVEL 5.9B; SOUND POWER LEVEL 55 DB(A)	3		
24	669687	FAN, ELECTRIC: TYPE: UPS; SIZE: 250 MM; POTENTIAL: 230 V; CURRENT: 2 A; VOLUME RATING: 20 M3/HR; SUPPL P/N: 5056000038	24		
25	669723	FAN, ELECTRIC: TYPE: COOLING; SIZE: 1 M; POTENTIAL: 400 VAC; CURRENT: 4.6 A; VOLUME RATING: 1025 M2/MIN; OEM P/N: B3-270/400A, OEM: GE STEAM POWER SERVICE; S01318, OEM: GE STEAM POWER SERVICE; DRAWING NO: KUS/16/S/MKC/EA/004/60-* 0MKC10 GH021-G1 (FRONT); KUS/16/S/MKC/EA/004/60-* 0MKC10 GH021-G1 (BACK); KUS/16/S/MKC/EA/004/60-* 0MKC10 GH022-G1; KUS/16/S/MKC/EA/004/60-* 0MKC10 GH023-G1 (FRONT); KUS/16/S/MKC/EA/004/60-* 0MKC10 GH023-G1 (BACK); SUPPLY EXCITATION RECTIFIER FAN MOTOR SET	17		

Item No	Material	Full Description	Quantity (Each)	Rate	Total Price
26	675773	FAN: TYPE: GEL DRYING; DIMENSIONS: WD 910 MM X LG 1.019 M X THK 196 MM M; VOLUME RATING: 450 M3/HR; OEM P/N: WK4-101929R0001, OEM: GE STEAM POWER SERVICE; MANUF P/N: 675773; DRAWING NO: WK4-101939R0001-10 REV 0; H2 DRIER COMPONENTS	6		
27	693936	FAN, ELECTRIC: TYPE: AIR OVER MOTOR; SIZE: WD 359 X THK 490 X HT 521 MM; POTENTIAL: 400VAC 50HZ; CURRENT: 4 A; VOLUME RATING: 6000 M3/HR; SPEED: 290 RPM; INSULATION CLASS: F; POLES: 6; SUPPL P/N: DD12/9; REFERENCE NO: M954-3F-6P-2V+SCT; POWER: 1100 W	2		
28	693953	FAN, ELECTRIC: TYPE: AXIAL; SIZE: DIA 500 MM; POTENTIAL: 400 VAC; CURRENT: 1.4 A; VOLUME RATING: 9000 M3/HR; SPEED: 1340 RPM; POLES: 4; BLADE QUANTITY: 5; SUPPL P/N: S4D500-AJ03-02; WITH BASKET GRILLE, POWER: 1340 W	11		
29	695023	FAN, ELECTRIC: TYPE: BCS; SIZE: DIA 27 MM; POTENTIAL: 380 V; CURRENT: 58.1 A; VOLUME RATING: 30 M3/HR; SPEED: 2339 RPM; POLES: 4; SUPPL P/N: JB08292/3	6		
30	695932	FAN, ELECTRIC: TYPE: AXIAL; SIZE: DIA 333 X LG 710 MM; POTENTIAL: 400 V; CURRENT: 2.1 A; VOLUME RATING: 12.8 M3/HR; SPECIFICATION: HEP 56-4T/H; MOTOR SIZE 1.05 KW; BLADE QUANTITY: 6; OTHER MATERIALS: PROPELLER: FIBERGLASS; SUPPORT FRAME: STEELDRAWDING; DATA SHEET AND	1		

Item No	Material	Full Description	Quantity (Each)	Rate	Total Price
		MANUAL REQUIRED ON EVERY DELIVERY			
31	695933	FAN, ELECTRIC: TYPE: AXIAL; SIZE: DIA 236 X LG 465 MM; POTENTIAL: 400 V; CURRENT: 1.25 A; VOLUME RATING: 12.8 M3/HR; SPECIFICATION: HEP 35-2T/H; MOTOR SIZE 0,45 KW; BLADE QUANTITY: 6; OTHER MATERIALS: PROPELLER: FIBERGLASS; SUPPORT FRAME: STEELDRAIVING; DATA SHEET AND MANUAL REQUIRED ON EVERY DELIVERY	1		
32	695934	FAN, ELECTRIC: TYPE: AXIAL; SIZE: DIA 229 X LG 400 MM; POTENTIAL: 400 V; CURRENT: 0.89 A; VOLUME RATING: 4 M3/HR; SPECIFICATION: HEP 31-2T/H; MOTOR SIZE 0,3 KW; BLADE QUANTITY: 6; OTHER MATERIALS: PROPELLER: FIBERGLASS; SUPPORT FRAME: STEEL; DRAWING; DATA SHEET AND MANUAL REQUIRED ON EVERY DELIVERY	2		
33	701377	FAN, ELECTRIC: TYPE: STEEL; SIZE: 280 X 280 X 80 MM; POTENTIAL: 230 VAC; CURRENT: 1.53/0.7 A; VOLUME RATING: 400 VDB/120/160 W; SPEED: 2500/2600 RPM; INSULATION CLASS: B; POLES: 2; SUPPL P/N: W2E250-DM06-05	8		
34	704612	FAN, ELECTRIC: TYPE: PORTABLE; SIZE: 1060 X 390 X 980 X 1140 MM; POTENTIAL: 230 VAC; CURRENT: 2.36 A; VOLUME RATING: 21000/27600; HVF90	8		

Item No	Material	Full Description	Quantity (Each)	Rate	Total Price
35	708059	FAN, ELECTRIC: TYPE: STRAIGHT RADIAL BLADE; SIZE: 119 MM; POTENTIAL: 400 V; CURRENT: 2.25 A; VOLUME RATING: 0.3-0.6 M3/S; MATERIAL: STEEL; SPECIFICATION: SSZ-45-17 DCS900; DIRECTION: BI-DIRECTIONAL; SUPPL P/N: MAP-01-ME-001	1		
36	716863	FAN, ELECTRIC: TYPE: CIRCULATING AXIAL; SIZE: A2DA250; POTENTIAL: 380-400 VAC; CURRENT: 0.30-0.34 A; VOLUME RATING: 0.01 M3/S; SPEED: 2761-3259 RPM; INSULATION CLASS: B; SUPPL P/N: VVCLU025	5		
37	721343	FAN: TYPE: EXTRACTION; DIMENSIONS: DIA 560 X LG 453 MM; VOLUME RATING: 3.65 M3/S; SPECIFICATION: ISO 90001; BLADE QUANTITY: 3; MODEL NO: 56JM/20/2/3/16; 560JM	2		
38	721345	FAN: TYPE: EXTRACTION; DIMENSIONS: DIA 560 X LG 375 MM; VOLUME RATING: 6.8 M3/S; SPECIFICATION: ISO 9001; BLADE QUANTITY: 6; DRIVER: 0.55 KW; MODEL NO: 56JM/20/4/6/16; 560JM	2		
39	721488	FAN: TYPE: EXTRACTION; DIMENSIONS: DIA 800 X LG 520 MM; VOLUME RATING: 3.8 M3/S; SPECIFICATION: ISO 9001; BLADE QUANTITY: 3; DRIVER: 1.5 KW; MODEL NO: HT80JM/20/4/3/12; 800JM	2		
40	721489	FAN: TYPE: EXTRACTION; DIMENSIONS: DIA 710 X LG 520 MM; VOLUME RATING: 4.37 M3/S; SPECIFICATION: ISO 90001; BLADE QUANTITY: 3; DRIVER: 3 KW; MODEL NO: 71JM/20/4/6/18; 710 JM	2		

Item No	Material	Full Description	Quantity (Each)	Rate	Total Price
41	721491	FAN: TYPE: EXTRACTION; DIMENSIONS: DIA 710 X LG 375 MM; VOLUME RATING: 2.43 M3/S; SPECIFICATION: ISO 90001; BLADE QUANTITY: 6; DRIVER: 0.75 KW; MODEL NO: 71JM/20/6/6/18	2		
42	721492	FAN: TYPE: EXTRACTION; DIMENSIONS: DIA 560 X LG 375 MM; VOLUME RATING: 1.8 M3/S; SPECIFICATION: ISO 90001; BLADE QUANTITY: 3; DRIVER: 0.75 KW; SUPPL P/N: HT56JM/20/4/18; 560MJ	2		
43	721499	FAN: TYPE: EXTRACTION; DIMENSIONS: DIA 710 X LG 400 MM; VOLUME RATING: 4 M3/S; SPECIFICATION: ISO 9001; BLADE QUANTITY: 6; DRIVER: 2.2 KW; REFERENCE NO: JC2899/2; MAJAX-2 710.20.D.8 (DONKIN FANS)	2		
44	721500	FAN: TYPE: EXTRACTION; DIMENSIONS: DIA 1000 X LG 610 MM; VOLUME RATING: 8.29 M3/S; SPECIFICATION: ISO 9001; BLADE QUANTITY: 9; DRIVER: 15 KW; MODEL NO: 100JM/40/4/9/14; 1000JM; 100JM/40/4/9/14	2		
45	721501	FAN: TYPE: EXTRACTION; DIMENSIONS: DIA 1000 X LG 520 MM; VOLUME RATING: 7.7 M3/S; SPECIFICATION: ISO 9001; BLADE QUANTITY: 6; DRIVER: 3 KW; MODEL NO: HT100JM/25/6/6/22; 1000JM	2		
46	721502	FAN: TYPE: EXTRACTION; DIMENSIONS: DIA 900 X LG 520 MM; VOLUME RATING: 9.19 M3/S; SPECIFICATION: ISO 9001; BLADE QUANTITY: 9; DRIVER: 0.75 KW; MODEL NO: HT90JM/25/4/9/20; HA0900B250A14A07504; 900JM;	2		

Item No	Material	Full Description	Quantity (Each)	Rate	Total Price
		HT90JM/25/6/3/18			
47	721503	FAN: TYPE: EXTRACTION; DIMENSIONS: DIA 900 X LG 520 MM; VOLUME RATING: 6.52 M3/S; SPECIFICATION: ISO 9001; BLADE QUANTITY: 3; DRIVER: 3 KW; MODEL NO: 90JM/25/4/3/16	2		
48	721504	FAN: TYPE: EXTRACTION; DIMENSIONS: DIA 900 X LG 520 MM; VOLUME RATING: 6.3 M3/S; SPECIFICATION: ISO 9001; BLADE QUANTITY: 3; DRIVER: 0.75 KW; MODEL NO: HT90JM/25/6/3/18; 900JM	2		
49	722648	FAN: TYPE: AXIAL; DIMENSIONS: LG 171.5 X HT 150.4 MM; VOLUME RATING: 235 M3/MIN; SUPPL P/N: MT24B3 JQ24B4; APPLICATION: 24V; 150A; 12P BATTERY CHARGER	6		
50	723148	FAN: TYPE: FAN CONTROL U_PWM_MAX=12V; DIMENSIONS: SQ1 MM; VOLUME RATING: 1 M3/S; SPECIFICATION: S3300-120 PA05452 UPS; SUPPL P/N: 10063686; FAN CONTROL U_PWM_MAX=12V COATED	2		
51	723178	FAN: TYPE: CAPACITOR COOLING; DIMENSIONS: SQ 1 MM; VOLUME RATING: 1 M3/S; SPECIFICATION: FAN CONTROL 24VDC COATED; SUPPL P/N: 10094746	2		
52	623354	BLOWER, ELECTRICAL: TYPE: ROOT; CAPACITY: 500 NM3/HR; SIZE: 100 MM; POTENTIAL: 380/660 V; CURRENT: 40.9-23.5 A; POWER: 20.9 KW; SPECIFICATION:	4		

Item No	Material	Full Description	Quantity (Each)	Rate	Total Price
		RNT 31.30; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).			
53	636521	BLOWER: TYPE: ROOTS; CAPACITY: 2870 NM3/HR; SIZE: DN 250; POTENTIAL: 400/690 VAC; CURRENT: 129-74.8 A; POWER: 61.88 KW; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	4		
54	636522	BLOWER: TYPE: ROOTS; CAPACITY: 300 NM3/HR; SIZE: DN100; POTENTIAL: 400/690 VAC; CURRENT: 20.4-11.8 A; POWER: 7.9 KW; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	3		
55	662103	BLOWER, ELECTRICAL: TYPE: LOW PRESSURE; CAPACITY: 1080 NM3/HR; SIZE: 30 MM; POTENTIAL: 400-690 V; CURRENT: 40 A; POWER: 22 KW; REFERENCE NO: RB1309854; ROBOX EVOLUTION-RBS46ES-46/2P-RVP80-HT-SNT; 22 KW-2P-40A-3PH-IP55-180M-B3; RBS46 SIZE 2(SHAFT DIA: 38 MM); MUST SUPPLY AS A UNIT C/W WITH MOTOR; FILTERS; BELTS; SILENCER; CERTIFICATION: THE BLOWER MUST BE DYNAMICALLY BALANCED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST	4		

Item No	Material	Full Description	Quantity (Each)	Rate	Total Price
		THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).			

The total of the Prices

2 Specification and description of the goods

Documentation

The following are the *Supplier's* requirements:

- 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.
- The Supplier provides the Employer with additional spares information if so, required by the end-user
- The supplier shall supply the preservation, storage, and handling procedures, where applicable.
- 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.
- 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.
- The Supplier will ensure proper handling of the spares (from procurement of equipment, storage, and transportation).
- 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.

2.1 Purchaser's design

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.

2.2 Procedure for submission and acceptance of *Supplier's* design

N/A

Obsolescence

The Supplier notifies the Purchaser immediately upon becoming aware that any fan, component, spare part or equipment offered under this Contract will become obsolete, discontinued or unavailable during the Contract period.

No replacement item is supplied without the Purchaser's acceptance.

The Supplier ensures continued availability of spare parts and technical support for a minimum period of five (5) years after the last supply of the affected item, unless otherwise accepted by the Purchaser. The Supplier gives the Purchaser not less than twelve (12) months written notice of any planned discontinuation or obsolescence of Goods supplied under this Contract.

The notification includes:

- Details of the affected item
- The reason for obsolescence through an OEM letter
- The expected date of discontinuation
- The impact on supply and support; and
- A proposal for an equivalent or superior replacement item.

Acceptance of spares

Spares Identification

The spares to be procured under this SOW shall be identifiable or marked by means of the following.

- a. Eskom SAP Material number (as is used in the Power Station)
- b. Part description
- c. OEM and/ or OEM part number

Packaging

The Supplier packages, labels, handles and transports the Goods in a manner that prevents damage, deterioration, corrosion, contamination and moisture ingress during handling, transportation and storage.

The packaging is suitable for the mode of transport and anticipated storage conditions at the delivery location.

Each package is clearly marked with:

- Contract number
- Purchase order number
- Description of the Goods
- Quantity
- Manufacturer's name
- Item number or part number and Eskom SAP Material number
- Serial Number
- Physical address of Kusile Power Station and the Supplier
- Contact details of the Supplier

- Delivery notes number
- Handling and storage instructions where applicable.

Fan assemblies and components are securely packed and protected against impact, vibration and environmental exposure. All openings, machined surfaces and exposed components are protected against damage and corrosion. The Supplier is responsible for any loss of or damage to the Goods resulting from inadequate packaging until delivery and acceptance by the Purchaser.

All spares shall be packaged and placed on a pallet crate for ease of handling.

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.

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.

Acceptance of spares

1. The Purchaser accepts the spares only after confirming that they:

- Comply with the technical specifications and requirements of the Contract
- Are new, unused and free from defects, damage, corrosion and deterioration
- Are supplied in the correct quantities and configurations as specified in the Purchase Order
- Are accompanied by all required documentation, including certificates of conformity, test certificates, data sheets and manufacturer's instructions, where applicable
- Are correctly labelled and packaged in accordance with the Contract requirements;
- Are compatible and interchangeable with the intended fan assemblies and associated equipment
- Have passed any inspection or verification required by the Purchaser
- Meet the required quality, performance and material specifications
- Are covered by the warranty requirements stated in the Contract; and
- Are fully traceable to the manufacturer through serial numbers, batch numbers, part numbers, or other unique identification markings, where applicable.

2. The Supplier shall provide all documentation necessary to demonstrate traceability of the spares to the original manufacturer and manufacturing source.

3. The warranty period for accepted spares shall commence on the date of acceptance by the Purchaser and shall remain valid in accordance with the warranty provisions of the Contract.

4. The Purchaser may reject any spares that are damaged, defective, non-compliant, not traceable to the original manufacturer, not covered by the required warranty, or not accompanied by the required documentation.

5. Acceptance by the Purchaser does not relieve the Supplier of its obligations in respect of defects, warranties, traceability, or compliance with the Contract.

6. All the spares will be inspected and accepted by Engineering and/or OEM Technician before payment could be processed.

7. Upon delivery of the goods at the Eskom stores, an inspection of goods and the receipt must be conducted by the end-user within 10 working days after delivery.

8. 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.

9. The Supplier must deliver the goods as per the agreed to delivery times.

2.3 Other requirements of the *Supplier's* design

N/A

2.4 Use of *Supplier's* design

N/A

2.5 Manufacture & fabrication

N/A

2.6 Factory acceptance testing (FAT)

The Supplier shall inform and invite the Purchaser' end-user including Performance & Test and Quality Technicians for Factory Acceptance Tests to verify compliance with the Contract specifications. The tests shall include visual inspection, dimensional verification, motor and nameplate verification, balance checks and a mechanical run test. Test reports and certificates shall be submitted to the Purchaser before delivery. Non-conforming fans shall be repaired, replaced or retested at the Supplier's cost.

The notification for the FAT to the Purchaser must be with 48 hours from date of Test.

2.7 Other tests and inspections and commissioning in place of use

N/A

2.8 Operating manuals and maintenance schedules

Provision of Operating Manuals

The Supplier shall:

- Provide comprehensive operating manuals for all equipment/materials supplied under this contract.
- Ensure manuals are:
 - Clear, complete, and written in English (or agreed language)
 - Supplied in both hard copy and electronic format (PDF or equivalent)
- Include, at a minimum:
 - Equipment description and specifications
 - Installation instructions
 - Operating procedures (normal and emergency)
 - Preservation procedures
 - Safety guidelines and precautions
 - Troubleshooting guidance

Maintenance Schedules

The Supplier shall:

- Provide detailed maintenance schedules for all supplied equipment.
- Clearly define:
 - Preventive maintenance intervals (daily, weekly, monthly, annual)
 - Required tools, consumables, and spare parts
 - Maintenance procedures and checklists
- Ensure schedules align with:
 - Manufacturer recommendations
 - Applicable industry standards

3 Supply Requirements

The Supply Requirements for this contract are in an Annexure to the Contract Data provided by the Purchaser.

Information to be provided to the Supplier.

The Supplier will be provided with SOW document for execution, Purchase Order for the required stock items will be generated as the need arises.

4 Specification of the services to be provided.

N/A

5 Constraints on how the Supplier Provides the Goods

5.1 Programming constraints

N/A

5.2 Work to be done by the Delivery Date

Supply, test, package, preserve, document and deliver the fans and associated spares, complete with all required quality records, certificates, warranties and technical documentation, in accordance with the Scope and by the Delivery Date.

5.3 Marking the goods

Material to be clearly marked, labelled, and packed according to the required specifications.

5.4 Constraints at the delivery place and place of use

Deliveries shall comply with site security, safety and access requirements. The Supplier shall coordinate delivery arrangements with the Purchaser, provide safe off-loading, and ensure that the Goods are suitable for the environmental and operating conditions at the place of use.

- Supplier to make delivery arrangements prior to the delivery date to ensure delivery logistics are planned and confirmed to avoid unnecessary delays.
- End user will determine the offloading point at the time of delivery.
- Offloading will be done by the purchaser.

5.5 Cooperating with Others

The Supplier shall co-operate with the Purchaser, the Purchaser's representatives, other suppliers, contractors and service providers to ensure the efficient execution of the Contract.

5.6 Services & other things to be provided by the *Purchaser or Supplier*

Workshop

The Supplier and his sub-suppliers are required to have suitable premises with the required tools and equipment to be able to conduct the scope of work. Eskom reserves the right to inspect the workshop premises to make sure that it is kept up to standard.

Equipment Required

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

5.7 Management meetings

Regular meetings of a general nature may be convened and chaired by the *Supply Manager* as follows:

Title and purpose	Approximate time & interval	Location	Attendance by:
Risk register and compensation events	Weekly on ___ TBA___ at ___Kusile Power Station or Virtual___	MS Teams or Purchaser's premises	<i>Purchaser and Supplier</i>
Overall contract progress and feedback	Monthly on ___TBA___ at Kusile Power Station or Virtual___	MS Teams or Purchaser's premises	<i>Purchaser, Supplier, and relevant stakeholders___</i>

Meetings of a specialist nature may be convened as specified elsewhere in this Goods Information or if not so specified by persons and at times and locations to suit the Parties, the nature and the progress of the manufacture of the *goods*. Records of these meetings shall be submitted to the *Supply Manager* by the person convening the meeting within five days of the meeting.

All meetings shall be recorded using minutes or a register prepared and circulated by the person who convened the meeting. Such minutes or register shall not be used for the purpose of confirming actions or instructions under the contract as these shall be done separately by the person identified in the *conditions of contract* to carry out such actions or instructions.

5.8 Documentation control

- Each instruction, test certificate, acceptance, notification, reply and other communication which this contract requires is to be communicated in a form which can be read, copied and recorded.

- Writing is in the Language of this contract.

5.9 Health and safety risk management

The *Supplier* shall comply with the Occupational Health and Safety Act and relevant regulations, Eskom Contractor Health and Safety Requirements, Eskom Lifesaving rules, National Road Traffic Act and Eskom Vehicle Safety Specifications. The supplier shall submit its internal offloading safe-work procedures to the client prior contract awarding. It is also necessary for the supplier to be in Good Standing with COIDA

The *Supplier* shall comply with the health and safety requirements [stated here or contained in Annexure _____ to this Goods Information].

5.10 Environmental constraints and management

The *Supplier* shall comply with the environmental regulations as well as the following:

- Contractor to be familiarised with Environmental Statement of Commitment.
- Contractor shall report all incidents or risks whilst on site to the Eskom Project leader who will inform the environmental department.

5.11 Quality

To ensure compliance to Quality Management System requirements, the following requirements shall be adhered to:

- 240-68099512 Form A: The tenderer must complete and sign this form to acknowledge and accept Eskom Supplier Quality Requirements as per QM 58 Specification and ISO 9001 Standard
- Category 3 - Quality Assessment Criteria: Stipulated documented information to be provided for evaluation purposes
- QM 58_240-105658000 – Supplier Quality Management Specifications
- Documented information that permits the Supplier to provide highest level of quality assurance to confidentially state that the method used on the product are accurate, documented and validated.
- Documented information which allows the Supplier to legally transport hazardous goods
- Documented information on determining the knowledge, skill and competency required for the achieved conformity of product/ service (Driver, handling of hazardous goods...)

5.12 Invoicing and payment

The *Supplier* shall address the tax invoice to *Purchaser* and include on each invoice the following information:

- Name and address of the *Supplier* and the *Supply Manager*.
- The contract number and title.
- Purchase order number.
- *Supplier's* VAT registration number.
- The *Purchaser's* VAT registration number.
- Description of *goods* and *services* provided for each item invoiced based on the Price Schedule.
- Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT.

- (add other as required)

Add procedures for invoice submission and payment (e.g. electronic payment instructions)

5.13 Insurance provided by the *Purchaser*

N/A

5.14 Contract change management

N/A

5.15 Provision of bonds and guarantees

The form in which a bond or guarantee required by the *conditions of contract* (if any) is to be provided by the *Supplier* is given in Part 1 Agreements and Contract Data, document C1.3, Sureties.

The *Purchaser* may withhold payment of amounts due to the *Supplier* until the bond or guarantee required in terms of this contract has been received and accepted by the person notified to the *Supplier* by the *Supply Manager* to receive and accept such bond or guarantee. Such withholding of payment due to the *Supplier* does not affect the *Purchaser's* right to termination stated in this contract.

5.16 Records of Defined Cost, payments & assessments of compensation events to be kept by the *Supplier*.

Shall be provided to *Supply Manager* in hard copy or electronically.

6 Procurement

6.1 Subcontracting

6.1.1 Preferred subcontractors

SC does not make use of nominated subcontracting, but the *Purchaser* may list which subcontractors or sub-suppliers the *Supplier* is required to enter subcontracts with (if any). This is usually only required where plant and materials need to be obtained from a particular supplier or group of suppliers to comply with operational standards for the goods.

Commented [A1]: Will be populated with reference to SDL&I requirements

6.1.2 Limitations on subcontracting

The *Purchaser* may require that the *Supplier* must subcontract certain specialised work, or that the *Supplier* shall not subcontract more than a specified proportion of the whole of the contract.

Commented [A2]: Will be populated with reference to SDL&I requirements

6.1.3 Spares and consumables

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

6.1.4 Other requirements related to procurement

Other requirements such as ASGISA or socio-political enhancements the *Supplier* is to provide as part of Providing the Goods and Services (if any) could be included here.

Commented [A3]: Will be populated with reference to SDL&I requirements

6.1.5 Cataloguing requirements by the *Supplier*

N/A

7 List of drawings

N/A

C3.2 *SUPPLIER'S* GOODS INFORMATION

3. Scope

3.1 Description of the works

Provision of Supply and delivery of Non-Critical Fans on five (5) year's period for Kusile Power Station on "as and when required basis"

Refer to Table 1 in the Technical Specification above for the complete scope of work and bill of quantities.