

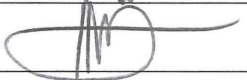
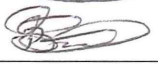
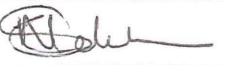




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PLANT AREA: Matla Power Station					
TITLE: Supply and delivery of Matla Unit 1 and Unit 4 ESP spares for a once off order					
REF: MEB-055747		Reference Rev No: 1		MULTIDISCIPLINARY: No	
Plant Level: All					
COMPILED BY	Name: John Khoza Systems Engineer/End User	Signature:		Date: 07/04/2026	
APPROVED	Name: John Makuleka Line Manager	Signature:		Date: 07/04/2026	
APPROVED	Name: Lindokuhle Ngobese Group Manager	Signature:		Date: 09/04/2026	
REVIEWED	Name: Johan Lourens Quality Department	Signature:		Date: 13/04/2026	
REVIEWED	Name: NTOKOZO LUKHUIENI Occupational Health and Safety	Signature:		Date: 13/04/2026	
REVIEWED	Name: CUTENDO MYROUTHI Environmental Department	Signature:		Date: 13/04/2026	
ACCEPTED	Name: Outage Manager/Maintenance manager	Signature:		Date: 13/04/2026	
ACCEPTED	Name: AIA	Signature:	N/A	Date:	

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NB: Do not tamper with the template.

GENERAL

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

	SCOPE OF WORK DESCRIPTION / ACTIVITY	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
1.1	Occupational Health and Safety	<ul style="list-style-type: none"> • Health and safety file should be approved by Safety risk management department prior to any work commences on site • All work is to be done in accordance with OHS Act 85 of 1993, Matla plant procedures and Plant Safety Regulations. (240-150642762). • Matla power station SHEQ induction must be done before access to site can be granted • The contractor should ensure that all employees have acquired the required competency for the task they are performing. • The contractor to ensure compliance to updated legal requirements and other requirements. • BUY QUIET: All stakeholders are encouraged to purchase or rent quieter machinery, equipment, and tools to reduce worker noise exposure, contribute towards compliance 	Eskom to witness.	Contractor

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		to OHS noise exposure limits and ultimately reduce the risk of noise induced hearing loss.		
1.2	Environmental Management.	<ul style="list-style-type: none"> All activities listed in the National Environmental Act 107 of 1998, EIA Regulations as amended, must have environmental AUTHORISATION before commencement of work. The contractor shall comply with all applicable legal and other requirements. The polluter pays principle will be applied. The contractor manager shall ensure compliance with Eskom Matla Environmental procedures to ensure the prevention of pollution (refer: OMOP 4090 and 4402). The last payment will be processed based on the status of the last housekeeping check sheet (Annexure C: OMOP 4402) of designated area. EMS file based on ISO14001 will be required. 	Eskom to witness.	Contractor
1.3	Quality Management	<ul style="list-style-type: none"> The contractor/executioner of work will be responsible for drawing up all QCP documentation and this must be approved by engineering and authorised by the Quality Department before commencing with the work. Contractors/executioner to adhere to QM 58 and OMOP4497 requirements Number of NCR issued can affect your next tendering process. The QCP shall be signed progressively by the Engineer/Supervisor, Eskom QC Inspector, Contractor QC Inspector and/or AIA. 	Hold point	Contractor

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		<ul style="list-style-type: none"> No procuring of outage items without the approval of scopes by quality All outage scopes creep and scopes addition should be approved by quality No contractor should be in the possession of scopes for execution without the scopes approved by quality The contractor is subjected to quality auditing at any point in time during execution of scope 		
1.4	Inputs from other departments			
1.5	Commissioning reference			

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	SCOPE OF WORK DESCRIPTION / ACTIVITY	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
1	Supply and deliver Unit 1 and Unit 4 ESP spares to Matla Power Station as per specifications provided below.	Supply Original Equipment Manufacturer (OEM) data sheet or documentation where applicable on every delivery. Spares to be supplied in their original OEM packaging still sealed.	H	Supplier

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BILL OF MATERIAL

	Full description of Material/Spares/Equipment	Specifications of Material/Spares/Equipment	Stock No	Part Number	Required Quantity (Ea)
1	Wall bushing Insulator	INSULATOR: TYPE: WALL BUSHING 7121-L1; DIMENSIONS: L 650±2 max OD Ø92 Body Ø73 ;skirts 30 MM; MATERIAL: 60% ALUMINA CERAMIC	0781397	0.47_60467	60
2	SO3 lances	INJECTOR: TYPE: SO3 INJECTION; SIZE: DIA 150 MM X LG 3.067 M; MATERIAL: STAINLESS STEEL; APPLICATION: SO3 FLUE GAS CONDITIONING;	0177716	0.47/57908	50
3	Thermocouple	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 6 MM; DESIGN LENGTH: 890 MM; TEMPERATURE RANGE: 0-1100 DEG C; SHEATH MATERIAL: SS GR 316	0155848		25
4	SO3 Flexible hoses	HOSE, FLEXIBLE METAL: HOSE SIZE: 80 MM; LENGTH: 1.6 M; CONNECTION SIZE: 80 MM;	0625609		70
5	Fiberglass Gasket	Fiberglass LG 2000 x WD 50 x THK 3	0781392	0.47_60474	20
6	Vertical guide vanes B	S355JR Plate LG 3300 x WD 1254 x THK 6 R600 Rolled MS Plate	0781482	0.47_60460 0.47_60461 0.47_60462	60
7	Horizontal guide vanes	S355JR LG 3838 x WD 1210 x THK 6 R600 Rolled MS Plate	0781396	0.47_60463 0.47_60460	60

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8	Vertical guide vanes A	S355JR Plate LG 3288 x WD 1254 x THK 6 R600 Rolled MS Plate	0781482	0.47_60460 0.47_60461 0.47_60462	60
9	Perforated Screen 2	H3080 x WD 1475 x THK 6 ASTM A36-93A	0781221	0.47_60477 0.47_60478 0.47_60475	30
10	Perforated Screen 1	H3080 x WD 2265 x THK 6 ASTM A36-93A	0781509	0.47_60477 0.47_60478 0.47_60475	30
11	Rapping system gearboxes for CEs	Bevel gear Output B KAD89-Z39-K4 Model Mounting; (D14)M4 Output side B Ratio;1.518 Speed; 0.99 RPM Torque; 2.068 Nm Shaft size; H50 mm	0781391		20
12	Rapping system gearboxes for CEs	Bevel gear Output A KAD89-Z39-K4 Model Mounting; (D14) M4 Output side A Ratio;1.518 Speed; 0.99 RPM Torque; 2.068 Nm Shaft size; H50 mm	0781390		15
13	Guide pins for the CE curtains	Steel Rod S355JR LG 6000 x OD 40 mm	0781452		15
14	Antisway insulators	445 +10/-0 L; WD 76±3 x THK 14 +2/-0 section; holes Ø14 +2/-0 on 395±2 centres C610-NTP51A; white glazed	0781568	0.47_60466	90
15	Teflon sealing membrane	LG 435xWD435 x THK 3	0781485	0.47_60474	70
16	8.9 Kg Short CE Hammer Assembly	L 255; arm 50 wide; head Ø140 x 47; pin Ø16 mm S355JR HEAD, S355JR BRACKET, GRADE 8.8 BOLT & NUT	0781395	0.47_60471	40

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17	6 Kg Special CE Hammer Assembly	L 220; arm 50 wide; head Ø140 x 47; pin Ø16 mm S355JR HEAD, S355JR BRACKET, GRADE 8.8 BOLT & NUT	0781480	0.47_60470	40
18	6.9 Kg CE Hammer Assembly	L 300; arm 50 wide; head Ø120 x 47; pin Ø16 mm S355JR BRACKET, GRADE 8.8 BOLT & NUT	0781472	0.47_60472	60
19	Rapping system clamps	95 H; Ø60 main bore; Ø30 lower bore; 45 thick; pin Ø16 mm Clamp and Pin; S235JR, Bolt; Grade 8.8, Nut ; Grade 8.8	0781387	0.47_60464	80
20	Rubber couplings	OD Ø145; bore Ø60; hub OD Ø100; face length 100; PCD 122.5; keyway 18 mm Fixed + float assy; M10 bolts/lock nuts; M8x1.25 cap screw	0781294		35
21	Torque insulators	L 510; 5 skirts @ 50 pitch; max OD Ø175; body Ø75 mm C610-NTP51A ceramic; malleable cast iron sleeve; SS pin/nut	0781325	0.47_60469	90
22	Conical support Insulators	H 500±5; top OD Ø371±10 / ID Ø321±9; base OD Ø483±12 / ID Ø433±11 mm LD alumina ceramic NTP51A; white glazed	0781388	0.47_60468	70
23	Bolts M12 x 65 and Nut (25 kg)	Bolt; Grade 8.8, Nut ; Grade 8.8	84575		70
24	Grating	GRATING: TYPE: EGG; DIMENSIONS: WD 1.2 X LG 2.4 M;	0114889		50
25					
26					
27					

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SCOPE COMPILATION REFERENCES				
SOURCE & Ref No.	Yes	No	N/A	Comments
Previous outage service reports	x			
Return to service data packages	x			
Maintenance Strategy with Rev number	x			
SAP defects (attach list as appendix)	x			
GHRMS (STEP) reports (Generation Heat Rate Management System)		x		
Online Condition Monitoring	x			
Pre-outage performance test results	x			
Post outage performance test results	x			
GPSS/ Plant Performance data on UCLF incurred	x			

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OMS / IIRMS recommendations (Audits Reports)		x		
Risk controls (IRM system)	x			
Previous audits and reviews (e.g. ERAP)		x		
Engineering Change Requests (Projects)		x		
LOPP strategy reports	x			
URS	x			
Philosophy (Outage)	x			
Condition Monitoring Report	x			
VA/PHD Viewer trends	x			
Corrective Actions	x			
CARAB reports		x		
Statutory Requirements	x			
Grid code requirements		x		
Waivers and Exemptions		x		
Calibration requirements		x		
Previous Outage SOW variations	x			
Post Mortems Actions from previous outages	x			
Pre-Outage plant walks	x			

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Risk based inspection (RBI) report		x		
Simulation, TOIs, OON, SI	x			


COMMENTS

ATTACHMENTS: DRAWINGS, SKETCHES, DIAGRAMS, INSTRUCTIONS, etc	
1	0.47_60464-Hammer clamp
2	0.47_60468-Conical support insulator
3	0.47_60469-Torue insulator
4	0.47_60472-6.9kg CE hammer
5	0.47_60470-6 kg CE hammer
6	0.47_60471-8.9 kg CE hammer
7	0.47_60474-Teflon
8	0.47_60466-Antisway insulator

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9	0.47_60477-Screens 0.47_60478-Screens 0.47_60475-Screens
10	0.47_60460- vertical turning vanes 0.47_60461- vertical turning vanes 0.47_60462-vertical turning vanes
11	0.47_60463-Horizontal vanes 0.47_60460-Horizontal vanes
12	0.47/57908-SO3 lances
13	0.47_60467-Wall bushing insulator

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