

 Eskom	Tender Questions and Answers	Document Identifier	240-7124948	Rev	1
		Effective Date	01 April 2023		
		Review Date	April 2031		

To whom it may concern	Date	12 August 2026
	Enquiries	Tebogo Seyama / Ngimphiwe Mathenjwa
	E-mail address	MolotsTM@eskom.co.za / MathenNG@eskom.co.za

Dear Sir/Madam

Request for Enquiry Number	E3057GXMPDUV
Description / Project Title	Identification, classification, designing, installation, maintenance and training of Hazardous Locations at Duvha Power Station for a period of 5 years (60 months).

Item	Questions	Answers	Clarity Published Dates
1.	We kindly request that you provide detailed technical specifications, drawings, datasheets, or equipment schedules (where available) for the following items: • Explosion-Proof Control Panels • Explosion-Proof Lighting (Bulkhead, Incline, Pit Area and Zone 1 & 2 Lighting) • Explosion-Proof Alarm Sirens/Hooters • Indication Lights • Cable Glands (Size 1 and Size 5) • Shrouds • Classification and Safety Signage • Suspended Magnets • Magnet Rectifiers • Lighting Distribution Boards (DBs) • Sump Pump Panels	We do not have a classification report, hence the scope of this maintenance project cover classifications of Duvha hazardous location. The company to be appointed will be responsible for inspection, area classification throughout the station, produce area qualification drawings, and provide formal classification report. The report will give directions to the correct specification of equipment to be installed. During the classification or inspection, the appointed contractor will identify nonconformances, conduct corrective and preventative maintenance. Refer to attached Hazard Locations Standard.	

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• Extraction Fans • Pratley Boxes • Earth Cables and Eye Lugs • Cable Trunking • PPE and Safety Signs Where applicable, please provide the relevant information such as: • Equipment ratings (voltage, current, power, wattage, etc.) • Hazardous area classification (Zone) • Ex protection type • IP rating • Dimensions and material of construction • Mounting requirements • Applicable SANS/IECEX/ATEX standards • General arrangement drawings, single-line diagrams, or datasheets		
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2. May you kindly confirm if the following Pricelist descriptions are correct or should rather state (Visual / Close /Detail):

36	PERIODIC MAINTENANCE SCHEDULES		
36,1	COAL CONVEYOR BELT 9 (UNIT 1 TO 6) VISUAL INSPECTION	No	50
36,2	COAL CONVEYOR BELT 9 (UNIT 1 TO 6) CLOSE INSPECTION	No	100
36,3	COAL CONVEYOR BELT 9 (UNIT 1 TO 6) DETAILED INSPECTION	No	150
36,4	COAL CONVEYOR BELT 10 (UNIT 1 TO 6) Close Inspection	No	50
assume visual? Close Detailed	COAL CONVEYOR BELT 10 (UNIT 1 TO 6) Close Inspection	No	100
36,6	COAL CONVEYOR BELT 10 (UNIT 1 TO 6) Close Inspection	No	150
36,7	SOUTH FUEL PLANT VISUAL INSPECTION	No	10
36,8	SOUTH FUEL PLANT CLOSE INSPECTION	No	20
36,9	SOUTH FUEL PLANT DETAILED INSPECTION	No	30
36,10	PLATERSHOP GAS STORAGE VISUAL INSPECTION	No	10
36,11	PLATERSHOP GAS STORAGE VISUAL INSPECTION	No	20
36,12	PLATERSHOP GAS STORAGE VISUAL INSPECTION	No	30
36,13	AMMONIA BULK STORE VISUAL INSPECTION	No	10

36.4/ 36.5/ 36.6 coal conveyor belt 10(unit 1 to 6 close inspection) Visual inspection
36.10/ 36.11 / 36.12 Plate shop Gas storage yes visual inspection

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3.

C2.2 the price list

Price List A: Materials/ Services

1	Description	Unit	Qty	Rate	Amount
1,2	SUPPLY				
1,3	CONVEYOR 9 BELT MOTOR EX 55KW 380V 105A 1455RPM	No	2	Is there a specific brand motor	
1,4	CONVEYOR 9 CONTROL PANEL EX	No	2	Details of the Panel is require (drawing)	
1,5	DIP RATED ZONE 22 LED BULKHEAD LIGHT FITTINGS	No	100		
1,6	ALARM SIREN EX	No	2	Type of siren	
1,7	INDICATON LIGHTS	No	4	Type of indication light	
1,8	GLAND SIZE 1 EX	No	20		
1,9	SHROUD SIZE 1	No	20		
1,10	CLASSIFICATION SIGN (300MM x 300MM)	No	2		
2	COAL CONVEYOR 9A & 9B Zone 22				
2,1	SUPPLY				
2,2	COAL CONVEYOR 9 MOTOR 37KW 380V 73A 1473RPM	No	2	Specific brand required	
2,3	CONVEYOR 9 CONTROL PANEL EX	No	2	Details of the Panel is require (drawing)	
2,4	DIP RATED ZONE 22 LED BULKHEAD LIGHT FITTINGS	No	100		
2,5	ALARM SIREN EX	No	2	Type of siren	
2,6	INDICATON LIGHTS	No	4	Type of indication light	
2,7	GLAND SIZE 1 EX	No	20		
2,8	SHROUD SIZE 1	No	20		
2,9	CLASSIFICATION SIGN (300MM x 300MM)	No	2		

- **Motor:** There is no specific brand motor
- **Siren:** No specific brand. As long it has EX.
- **Indication light:** We have orange on site, no specific brand.
- **Coal conveyor motor make/model:** No specific brand

(1.3) Conveyor 9 Belt Motor EX 55kW 380V 105A 1455 RPM

B3 Foot Mounted , 55kW 380V 105A 1455 RPM , WEG - EX(Explosion Proof)

(1.4) Conveyor 9 Control Panel EX

1 off ifm effector DX1041 Current loop display;
4-20mA; 4 digits
2 off Green Push Buttons
1 off Red Trip LED Indicator 24Vdc

(1.6) Alarm Siren

EX HAFC-250V-GR

(1.7) Indication Lights

CL2-523G

(2.2) Coal Conveyor 9 Motor 37kW 380V 73A 1473RPM

B3 Foot Mounted , 37kW 380V 73A 1473RPM , WEG - EX(Explosion Proof)

(2.3) Conveyor 9 Control Panel EX

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		1 off ifm effector DX1041 Current loop display; 4-20mA; 4 digits 2 off Green Push Buttons 1 off Red Trip LED Indicator 24Vdc (2.5) Alarm Siren EX HAFC-250V-GR (2.6) Indication Lights CL2-523G (3.8) Lighting DB M Double Door wall Mount EX Panel 304 S/S 5kA 400V/230Vac CBI switchgears Main Incomer 3P 160A 3 off 1P 60A , 3 off 60A E/L , 6 off 1P 20A , 6 off 15A , 6 off 1P 30A (4.1) Coal Conveyor 10 Motor 132kW 380V 243A 1475RPM B3 Foot Mounted , 132kW 380V 243A 1475RPM , WEG - EX(Explosion Proof) (4.4) Inclined Light LEDNOVA MD4070N5304WA1G MD IVD ZONE 2&21/22 (4.5) Suspended Magnet Annual Services (4.8) Lighting DB T Double Door wall Mount EX Panel 304 S/S	
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		5kA 400V/230Vac CBI switchgears Main Incomer 3P 160A 3 off 1P 60A , 3 off 60A E/L , 6 off 1P 20A , 6 off 15A , 6 off 1P 30A (4.10) Sump Pump DB Fully Wired Starter for 15kW Motor (any Brand of switchgears can be used) 1 off Wall Mount (500 × 500 × 250 mm) EX Panel 304 S/S 1 off Main CB 1 off DOL Contactor, AC-3 rated (size to suit motor) 1 off Thermal Overload Relay (size to suit motor) 1 off Control MCB, 2 Pole, 6A 2 off door mount Selector Switches 1 off off Voltmeter & Ammeter, 48 × 48 mm 1 off Indicator Lights Red & Green 1 off Phase Failure/Phase Sequence Relay 1 off Start /Stop Push Buttons Includes all Consumables required for control	
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	3,8	LIGHTING DB "M"	No	1	Drawing info required		
	3,9	CONVEYOR ALARM SIREN	No	2			
	3,10	CLASSIFICATION SIGN (300MMX300MM)	No	2			
	4	COAL CONVEYOR 10C & 10D Zone 22					
		SUPPLY					
		COAL CONVEYOR 10 MOTOR 132KW 380V 243A 1475 RPM EX					
	4,1		No	2	Make / model		
	4,2	GLAND SIZE 5 EX	No	2			
	4,3	SHROUD SIZE 5	No	2			
	4,4	INCLINE LIGHTS EX	No	100	Type / brand (Noorland is quite expensive)		
	4,5	SUSPENDED MAGNET	No	2	Details required		
	4,6	S.S.O 220V EX	No	2			
	4,7	MAGNET RECTIFIER	No	2			
	4,8	LIGHTING DB "T"	No	1	Drawing / info required		
	4,9	CONVEYOR ALARM SIREN	No	2			
	4,10	SUMP PUMP PANEL	No	1	Drawing		
	4,11	EXTERNAL EARTH CABLE 10MM SQ(SUMP PUMP A MOTOR)	No	20			
	4,12	EXTERNAL EARTH CABLE 10MM SQ (SUMP PUMP B MOTOR)	No	20			
	4,13	PIT AREA LIGHTS ZONE 22	No	10			
	4,14	CLASSIFICATION SIGN (300MMX300MM)	No	1			
4.	May you also advise if the safety officer will be provided by Eskom, no provision has been made for a safety officer on the price list.					A safety officer is compulsory, the BOQ has been updated and provision made for Safety Officer.	

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