

PROJECT: SUPPLY, DELIVERY AND REFURBISH OF MISCELLANEOUS SPARES FOR BALANCE OF PLANT ON AS AND WHEN REQUIRED BASIS AT KUSILE POWER STATION FOR A PERIOD OF FIVE (5) YEARS

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	<u>ITEM 1</u> <u>PRELIMINARIES AND GENERAL</u>				
1.1	Safety File	Once Off	1		
	Sub-total Item 1 (Preliminaries and General) carried to Final Summary				
2	<u>ITEM 2</u> <u>SUPPLY AND DELIVERY OF MISCELLANEOUS SPARES</u>				
2.1	Supply and Delivery of Miscellaneous Spares	Item	1		
	Sub-total Item 2 (Supply and Delivery of Miscellaneous Spares) carried to Final Summary				
3	<u>ITEM 3</u> <u>REFURBISHMENT OF MISCELLANEOUS SPARES</u>				
3.1	Refurbishment of of Miscellaneous Spares	Item	1		
	Sub-total Item 3 (Refurbishment of of Miscellaneous Spares) carried to Final Summary				
	<u>Final Summary</u>				
ITEM 1	PRELIMINARIES AND GENERAL				
ITEM 2	SUPPLY AND DELIVERY OF MISCELLANEOUS SPARES				
ITEM 3	REFURBISHMENT OF MISCELLANEOUS SPARES				
	Final Summary Total (Excl VAT)				

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SUPPLY AND DELIVERY OF MISCELLANEOUS SPARES

ITEM NO	COMPONENT	EQUIPMENT NAME	MATERIAL NUMBER	DESCRIPTION	AREA- LOCATION	UOM	QTY	RATE	AMOUNT
1	Winches	TAC1&2, OLC1&2, SYS1, T4A-F take-up winch, Reclaimer 1,2&3 rake winch.	0620039	WINCH: TYPE: ELECTRIC MOTORIZED TAKE UP; CAPACITY: 8.2 T; DIMENSIONS: WD 723 X HT 698 MM; SUPPL P/N: 13000.S; DRAWING NO: AC0301-0403-ALL-MAN-E00030 REV 0; INPUT SPEED: 193 RPM; GEAR RATIO: 392:1; FACTOR OF SAFETY 4.5:1; ROPE SIZE AND CONSTRUCTION: DIA (6 X 36) X LG 26 M GALVANISED STL; ROPE SPEED: 0.7M/MM (FULL DRUM); ROPE CAPACITY: 103 M (FULL DRUM); ELECTRIC GEARED MOTOR; WEG-MOTOR SPEC: 2.2 KW; 400V; 50HZ; IP66; 4 POLE; NFP; SQUIRREL CAGE; FLANGED MOUNTED; FRAME: 100L; CW SITI TYPE; MNHL 25/2-7.37:1; PAM 28/250; HELICAL GEARBOX; SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS	Coal Plant	Each	20		
2		ERC	0620037	WINCH: TYPE: ELECTRIC MOTORIZED TAKE UP; CAPACITY: 3.5 T; DIMENSIONS: WD 476 X LG 396 X HT 443 MM; SUPPL P/N: 5000.S; DRAWING NO: AC0301-0403-ALL-MAN-E0028 REV 0; INPUT SPEED: 193 RPM; GEAR RATIO: 76.8:1; 1.5M/MM (1ST LAYER); ROPE CAPACITY: 63 M (FULL DRUM); ELECTRIC GEARED MOTOR; WEG-MOTOR SPEC: 2.2 KW; 400V; 50HZ; IP66; 4 POLE; NFP; SQUIRREL CAGE; FLANGED MOUNTED; FRAME: 100L; CW SITI TYPE; MNHL 25/2-7.37:1; PAM 28/250; HELICAL GEARBOX; SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS	Ash Plant	Each	5		
3		ESC & CVY1	0620038	WINCH: TYPE: ELECTRIC MOTORIZED TAKE UP; CAPACITY: 5.4 T; DIMENSIONS: WD 710 X HT 638 MM; SUPPL P/N: 8000.S; DRAWING NO: AC0301-0403-ALL-MAN-E0029 REV 0; INPUT SPEED: 193 RPM; GEAR RATIO: 152:1; FACTOR OF SAFETY 4.5:1; ROPE SIZE AND CONSTRUCTION: DIA (6 X 36) X LG 20 M GALVANISED STL; ROPE SPEED: 1.3M/MM (FULL DRUM); ROPE CAPACITY: 94 M (FULL DRUM); ELECTRIC GEARED MOTOR; WEG-MOTOR SPEC: 2.2 KW; 400V; 50HZ; IP66; 4 POLE; NFP; SQUIRREL CAGE; FLANGED MOUNTED; FRAME: 100L; CW SITI TYPE; MNHL 25/2-7.37:1; PAM 28/250; HELICAL GEARBOX; SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS	Ash Plant	Each	5		
4		T4A-F moving head, TAC1.	620040	WINCH: TYPE: MOVING HEAD; CAPACITY: 1.8 T; DIMENSIONS: WD 850 X LG 973 X HT 585 MM; DRAWING NO: AC0301-0403-ALL-MAN-E00031 REV 0; WITH FLANGE: DIA 450MM; ENDS GROOVED TO SUIT: DIA 16MM SWR; WINCH BASE: WD 850 X LG 973; EPICYCLIC GEAR: HE30; RATIO: 5.8:1; BONFIGLIOLI MODEL W110-UFC-P100-B5/B8; FLANGE MOUNTED UNIT RATIO: 40:1; ELECTRIC MOTOR SPEC: WEG-MOTOR 3 KW; 400V; 50HZ; IP55; 4 POLE; NFP; SQUIRREL CAGE; MOUNTED: FLANGE; FRAME: 100L; CW BINDER TYPE 76431-13H00; ELECTRONIMAGNETIC DISC BRAKE AND ELECTRONIC RECTIFIER TYPE 32-67304-B00 (220-500VAC) MOTOR AND BRAKE CERTIFIED DUST IGNITION PROOF; ROPE SIZE AND CONSTRUCTION: DIA (6 X 36) X LG 16 M GALVANIZED STL; ROPE SPEED: 5.4M/MM (FULL DRUM); ROPE CAPACITY: 10 M (TRAVEL); SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS	Ash Plant	Each	10		
5			582673	WINCH: TYPE: MOTORIZED HAND; CAPACITY: 6000 KG; DIMENSIONS: 1678 X 723 X 698 MM; MANUF P/N: 130005MK2; DRAWING NO: 0.84/10517 SHT1 REV 0; SUPPLIED WITH 2.2KW 400V IP65 MOTOR; ROPE SPEED: 0.7M/MIN; ROPE SIZE: DIA 22 X 6 X 36 (WRC) GALVANISED; RIGHT HAND DRUM GROOVE 23 PITCH 5.5MM DEEP 11.5 M RADIUS	Coal Plant	Each	5		
6		SY1, SY3A&B moving head, SYR1,2 &3 moving head and SYS2.	0635883	WINCH: TYPE: MOVING HEAD; CAPACITY: 3 T; DIMENSIONS: WD 1 M X LG 1.095 M X HT 752.4 MM; SUPPL P/N: 4835-302-SY	Coal plant	Each	20		
7			0634524	WINCH: TYPE: MOVING HEAD; CAPACITY: 1.8 T; DIMENSIONS: WD 16 X LG 36 X HT 6 MM; LAY ON/LAY OFF; MATERIAL: GLAV STL WIRE ROPE; TRAVEL: 10M; ROPE SPEED: 5.4M/MIN; 1/2 AB ELECTRIC WINCH	Ash & Limestone	Each	5		
1	Sheave Wheels		0648223	WHEEL: TYPE: HORIZONTAL SHEAVE; HUB SIZE: 50 MM; OUTSIDE DIAMETER: 328 MM; WIDTH: 100 MM; MATERIAL: STL; DRAWING NO: 4132HRK-0/301 REV 0; ROOT DIA: 280MM; SHEAVE ACCOMMODATE 16MM WIRE ROPE; SHEAVE ASSEMBLY C/W BEARINGS; 2X ROPE KEEPS WITH 3 SELECTABLE POSITIONS AND MOUNTING FRAME; GREASE NIPPLE (1/8IN BSP); ITEM SHOULD BE PAINTED FOR CORROSION PROTECTION; DATA SHEET SHALL BE SUPPLIED WITH EVERY DELIVER; TO BE USED AT ESC TAKE-UP	Ash plant	Each	5		
2			0648222	WHEEL: TYPE: VERTICAL SHEAVE; HUB SIZE: 55 MM; OUTSIDE DIAMETER: 410 MM; WIDTH: 110 MM; MATERIAL: STL; DRAWING NO: 4133VRK-0/301 REV 0; ROOT DIA: 350MM; SHEAVE ACCOMMODATE 20MM WIRE ROPE; SHEAVE ASSEMBLY C/W BEARINGS; 2X ROPE KEEPS WITH 3 SELECTABLE POSITIONS AND MOUNTING FRAME; GREASE NIPPLE (1/8IN BSP); ITEM SHOULD BE PAINTED FOR CORROSION PROTECTION; DATA SHEET SHALL BE SUPPLIED WITH EVERY DELIVER; TO BE USED AT ESC TAKE-UP	Ash Plant	Each	5		
3			0635133	WHEEL: TYPE: SHEAVE; HUB SIZE: 50 MM; OUTSIDE DIAMETER: 328 MM; WIDTH: 100 MM; MATERIAL: STL; DRAWING NO: 4132VRK-0 REV 0; USED FOR VERTICAL AND HORIZONTAL; ROOT DIA: 280 MM; ROPE DIA: 16 MM; SHEAVE C/W BEARING AND ROPE KEEPS (AT ENTRY AND EXIT OF ROPE); ROPE CLEARANCE: 240 MM; SUPPLY BRACKET; GREASE NIPPLE BSP1/8 IN; DATA SHEET SHOULD BE SUPPLIED WITH EVERY DELIVERY	Ash Plant & Coal Plant	Each	5		
4			0635132	WHEEL: TYPE: SHEAVE; HUB SIZE: 55 MM; OUTSIDE DIAMETER: 410 MM; WIDTH: 110 MM; MATERIAL: STL; DRAWING NO: 4133HRK-0 REV 0; USED FOR VERTICAL AND HORIZONTAL; ROOT DIA: 350 MM; ROPE DIA: 20 MM; SHEAVE C/W BEARING AND ROPE KEEPS (AT ENTRY AND EXIT OF ROPE); ROPE CLEARANCE: 290 MM; SUPPLY BRACKET; GREASE NIPPLE BSP1/8 IN; DATA SHEET SHOULD BE SUPPLIED WITH EVERY DELIVERY	Ash Plant & Coal Plant	Each	5		
5			0634500	WHEEL: TYPE: SHEAVE; HUB SIZE: 65 MM; OUTSIDE DIAMETER: 579 MM; WIDTH: 70 MM; MATERIAL: STL; DRAWING NO: 4135HRK-0 REV 0; APPLICATION: TAC AND OLC HORIZONTAL TAKE-UP; ROOT DIA: 490MM; ROPE DIA: 28MM; 2X ROPES KEEPS WITH 3 SELECTABLE POSITIONS AND MOUNTING FRAME/BASKET; GREASE NIPPLE (BSP 1/8IN); ITEM TO BE PAINTED FOR CORROSION PROTECTION; DATA SHEET SHALL BE SUPPLIED WITH EACH DELIVERY	Ash Plant	Each	5		

6			0634501	WHEEL: TYPE: SHEAVE; HUB SIZE: 65 MM; OUTSIDE DIAMETER: 574 MM; WIDTH: 70 MM; MATERIAL: STL; DRAWING NO: 4135VRK-0 REV 0; APPLICATION: TAC AND OLC VERTICAL TAKE-UP; ROOT DIA: 490MM; ROPE DIA: 28MM; 2X ROPES KEEPS WITH 3 SELECTABLE POSITIONS AND MOUNTING FRAME/BASKET; ROPE CLEARANCE CUT OUT 406MM; GREASE NIPPLE (BSP 1/8IN); ITEM TO BE PAINTED FOR CORROSION PROTECTION; DATA SHEET SHALL BE SUPPLIED WITH EACH DELIVERY	Ash plant	Each	5		
7			0660499	WHEEL: TYPE: SHEAVE; HUB SIZE: 90 MM; OUTSIDE DIAMETER: 575 MM; WIDTH: 100 MM; MATERIAL: STL; SUPPL P/N: 1471.02 4013/3; 90H11; H9 (SHAFT); EMERGENCY ASH RECLAIMER HOIST DEVICE; ROOT DIA: 500MM; SHEAVE SUITABLE FOR 20MM WIRE ROPE; GREASE NIPPLE (1/8IN BSP) ITEM TO BE PAINTED FOR CORROSION, ONE SET CONTAINS 3X SHEAVE WHEELS; TECHNICAL DATASHEET TO BE PROVIDED ON EVERY DELIVERY	Ash Plant	Each	5		
8			0635130	WHEEL: TYPE: SHEAVE; HUB SIZE: 60 MM; OUTSIDE DIAMETER: 513 MM; WIDTH: 124 MM; MATERIAL: STL; DRAWING NO: 4134HRK-0 REV 0; USED FOR VERTICAL AND HORIZONTAL; ROOT DIA: 438 MM; ROPE DIA: 26 MM; SHEAVE CAW BEARING AND ROPE KEEPS (AT ENTRY AND EXIT OF ROPE); ROPE CLEARANCE: 374 MM; SUPPLY BRACKET; GREASE NIPPLE BSP1/8 IN; DATA SHEET SHOULD BE SUPPLIED WITH EVERY DELIVERY	Coal Plant	Each	5		
9			0661172	WHEEL SET, RAILWAY: TYPE: TRAVEL; WIDTH: 110 MM; WHEEL BASE: 7 T; AXLE TYPE: PORTAL; WEIGHT: 18.3 KG; SUPPL P/N: DRS-160-NA-A-65-K-X-X; REFERENCE NO: 82506259; WHEEL DIA: 160MM; WHEEL MUST BE SUPPLIED WITH SWEEPER; DATASHEET AND DRAWINGS TO BE SUPPLIED ON EVERY DELIVERY	Coal Plant	Each	5		
1	Ropes		0581490	ROPE, WIRE: DIAMETER: 3-5 MM; OVERALL LENGTH: 600 M; CONSTRUCTION: 6X7+FC PVC RED; MATERIAL: STL GALV; STRENGTH: 6 KN; ROPE TYPE: FC, LAY: BRAIDED RHRL; SPECIFICATION: JIS G3525; MANUF P/N: CAB47; USED TO CONNECT PULL KEYS ON THE CONVEYOR PROTECTION SYSTEM, NORMAL BREAKING FORCE: 5.85KN; CHEMICAL COMPOSITION: C (0.70%), MN (0.55%), S (0.012%), P (0.007%) AND SI (0.21%); COATED WITH RED PVC SLEEVE; 1MM THICK	Coal plant	m	300		
2			0592748	ROPE, WIRE: DIAMETER: 20 MM; CONSTRUCTION: 6X36F; MATERIAL: STL; STRENGTH: 259 KNM; ROPE TYPE: CORE FIBER; SPECIFICATION: EN12385/4/2002	Coal Plant	m	250		
3			0623164	ROPE, WIRE: DIAMETER: 26 MM; CONSTRUCTION: 6X36F; MATERIAL: STL GALV; STRENGTH: 406.3 KNM; ROPE TYPE: CORE FIBER; LAY: ORDINARY RH; APPLICATION: TAKE-UP	Coal Plant	m	500		
4			633968	ROPE, WIRE: DIAMETER: 13 MM; OVERALL LENGTH: 80 M; CONSTRUCTION: (6X25); MATERIAL: STEEL GALV; STRENGTH: MBL >105 KNM; ROPE TYPE: CORE FIBER; LAY: ORDINARY RH; SPECIFICATION: SANS 2048	Coal Plant	m	500		
5			0662946	ROPE, WIRE: DIAMETER: 16 MM; CONSTRUCTION: 6X36; MATERIAL: STL GALV; STRENGTH: 3.5 T; PLEASE SUPPLY IN ROLL OF 100M = 1EA	Ash plant	Each	5		
1	Couplings		624369	COUPLING, SHAFT FLEXIBLE: TYPE: HORIZONTAL SPLIT; TAPER LOCK SERIES: 1070H; BORE DIAMETER: 65 X 19 MM; TORQUE: 922 NM; MATERIAL: STL; SPEED: 4125 RPM; HIGH SPEED GRID; AL COVER; USED AT GYC2 AND EAS BOOM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash plant	Each	20		
2			0624371	COUPLING, SHAFT FLEXIBLE: TYPE: HORIZONTAL SPLIT; TAPER LOCK SERIES: 1100H; BORE DIAMETER: 41 X 107 MM; TORQUE: 5.818 KNM; MATERIAL: STL; SPEED: 2400 RPM; HIGH SPEED GRID; AL COVER; USED AT TAC1 AND 2; OLC1 AND 2; ESC; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash plant	Each	30		
3			0624370	COUPLING, SHAFT FLEXIBLE: TYPE: HORIZONTAL SPLIT; TAPER LOCK SERIES: 1080H; BORE DIAMETER: 27 X 78 MM; TORQUE: 1.901 KNM; MATERIAL: STL; SPEED: 3600 RPM; HIGH SPEED GRID; AL COVER; USED AT ERC; RSC AND EAS INTERMEDIATE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash plant	Each	20		
4		Emergency stacker boom conveyor	0624369	COUPLING, SHAFT FLEXIBLE: TYPE: HORIZONTAL SPLIT; TAPER LOCK SERIES: 1070H; BORE DIAMETER: 65 X 19 MM; TORQUE: 922 NM; MATERIAL: STL; SPEED: 4125 RPM; HIGH SPEED GRID; AL COVER; USED AT GYC2 AND EAS BOOM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash plant & Limestone	Each	20		
5		Limestone overbin shuttle conveyor (CVY-3)	0624372	COUPLING, SHAFT FLEXIBLE: TYPE: HORIZONTAL SPLIT; TAPER LOCK SERIES: 1060H; BORE DIAMETER: 19 X 55 MM; TORQUE: 634 NM; MATERIAL: STL; SPEED: 4350 RPM; HIGH SPEED GRID; AL COVER; USED AT CAC AND GYC1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash plant & Limestone	Each	20		
6		CVY-1	0638989	COUPLING, SHAFT: TYPE: RIGID FLANGE; BORE: 330 MM; OUTSIDE DIAMETER: 560 MM; LENGTH: 292 MM; MATERIAL: AL TECTILE COATING; SUPPL P/N: TC30- 330/560; LIMESTONE HANDLING; LOW SPEED GEARBOX P/N: 97QHRG3-798	Ash plant & Limestone	Each	10		
7		CVY-1	0638990	COUPLING, SHAFT: TYPE: RIGID FLANGE; BORE: 390 MM; OUTSIDE DIAMETER: 560 MM; LENGTH: 292 MM; MATERIAL: AL TECTILE COATING; SUPPL P/N: TC30- 390/560; LIMESTONE HANDLING; LOW SPEED GEARBOX P/N: 97QHRG3-798	Ash plant & Limestone	Each	15		
8		CVY-3	0634785	COUPLING, SHAFT: TYPE: RIGID FLANGE; BORE: 230 X 400 MM; OUTSIDE DIAMETER: 235 MM; LENGTH: 350 MM; MATERIAL: AL TECTILE COATING	Ash plant & Limestone	Each	15		
9		Gypsum Conveyor	0624369	COUPLING, SHAFT FLEXIBLE: TYPE: HORIZONTAL SPLIT; TAPER LOCK SERIES: 1070H; BORE DIAMETER: 65 X 19 MM; TORQUE: 922 NM; MATERIAL: STL; SPEED: 4125 RPM; HIGH SPEED GRID; AL COVER; USED AT GYC2 AND EAS BOOM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash plant & Limestone	Each	20		
10		Gypsum Conveyor	0624372	COUPLING, SHAFT FLEXIBLE: TYPE: HORIZONTAL SPLIT; TAPER LOCK SERIES: 1060H; BORE DIAMETER: 19 X 55 MM; TORQUE: 634 NM; MATERIAL: STL; SPEED: 4350 RPM; HIGH SPEED GRID; AL COVER; USED AT CAC AND GYC1; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash plant & Limestone	Each	30		
11		Gypsum Conveyor	0634785	COUPLING, SHAFT: TYPE: RIGID FLANGE; BORE: 230 X 400 MM; OUTSIDE DIAMETER: 235 MM; LENGTH: 350 MM; MATERIAL: AL TECTILE COATING	Ash plant & Limestone	Each	15		

1	Couplings		0637573	COUPLING, SHAFT FLEXIBLE: TYPE: TAPER GRID; TAPER LOCK SERIES: TG1090H; BORE DIAMETER: 95 X 27 MM; MATERIAL: ALUMINIUM; SPEED: 3600 RPM; SUPPL P/N: 97QHRF3-794; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE); (T1A&B), (T4A – T4F), (CVY1)	Coal plant	Each	30		
2			0637574	COUPLING, SHAFT FLEXIBLE: TYPE: TAPER GRID; TAPER LOCK SERIES: TG1110H; BORE DIAMETER: 117 X 41 MM; MATERIAL: ALUMINIUM; SPEED: 2550 RPM; SUPPL P/N: 97QHRL3-781; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE); (SYS1)	Coal plant	Each	10		
3			0637239	COUPLING, SHAFT FLEXIBLE: TYPE: TAPER GRID; TAPER LOCK SERIES: TG112H; BORE DIAMETER: 136 X 60 MM; MATERIAL: ALUMINIUM; SPEED: 2025 RPM; SUPPL P/N: 97QHRK2-777; HORIZONTAL SPLIT ALUMINIUM COVER; TYPE: H; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE); (SYR1,2&3, SY3A&B)	Coal plant	Each	30		
4			0637575	COUPLING, SHAFT FLEXIBLE: TYPE: TAPER GRID; TAPER LOCK SERIES: TG1130H; BORE DIAMETER: 165 X 67 MM; MATERIAL: ALUMINIUM; SPEED: 1800 RPM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE); (SYS2)	Coal plant	Each	10		
1	Mass meters		665109	Mass meter: 9101 Integrator Part no: XR136049	Coal & Ash plant	Each	20		
2			665112	Mass meter: 60-12CSA Part no: XR462085	Coal & Ash plant	Each	20		
3			665113	Mass meter: 4-20ma Output boards (single) Part no: XR10074	Coal & Ash plant	Each	20		
4			665115	Mass meter: HMI display Modules complete Part no: XR134179	Coal & Ash plant	Each	20		
5			665116	Mass meter: 4-20ma Output boards (double) Part no: MX161724170	Coal & Ash plant	Each	20		
6			665114	Mass meter: 4-20ma Output boards (double) Part no: MX161724170	Coal & Ash plant	Each	20		
7			659188	500KG S-Type load cell		Each	40		
1	Sprockets		0639734	SPROCKET, WHEEL: TYPE: DRIVE CHAIN; TEETH: 32; PITCH: 1.25 IN; INSIDE DIAMETER: 90 MM; MATERIAL: STL; SUPPL P/N: 230208; TAPER LOCK 4030; MATERIAL CERTIFICATE SHOULD BE ON EVERY DELIVERY	Coal Plant	Each	12		
2			0639736	SPROCKET, WHEEL: TYPE: DRIVE CHAIN; TEETH: 32; PITCH: 1.25 IN; INSIDE DIAMETER: 110 MM; MATERIAL: STL; SUPPL P/N: 230209; TAPER LOCK 4030; MATERIAL CERTIFICATE SHOULD BE ON EVERY DELIVERY	Coal Plant	Each	12		
3			0639735	SPROCKET, WHEEL: TYPE: DRIVE CHAIN; TEETH: 12; PITCH: 1.25 IN; INSIDE DIAMETER: 75 MM; MATERIAL: STL; MATERIAL CERTIFICATE SHOULD BE ON EVERY DELIVERY	Coal Plant	Each	12		
4			0574048	SPROCKET, WHEEL: TYPE: CONVEYOR CHAIN; STYLE: BOLT IN TEETH; TEETH: 9; PITCH: 120 MM; OUTSIDE DIAMETER: 360 MM; INSIDE DIAMETER: 265 MM; MATERIAL: STL; SUPPL P/N: HEKO 135716; DRAWING NO: KR6104-KD; HEKO RIS TYPE MULTI PART SPROCKET WITH INDIVIDUAL REPLACEABLE TEETH: FOR 30 X 120MM CHAIN, INITIAL TEETH PCD: 691 MM; HUB WIDTH: 260 MM; HUB FLANGE THICKNESS: 30 MM; RING THICKNESS 20 MM; TWO OFF 63 MM KEYWAYS TO DIN6885/1, 120 DEGREES APART OVER FULL WIDTH OF THE INSIDE BORE; THREADED HOLES WITH M 20 GRUB SCREWS AT EACH KEYWAY; DISTANCE BETWEEN BOLT HOLES FOR EACH TOOTH: 70 MM; BOLT HOLE PCD: 477 MM; MACHINED, WEAR RESISTANT AND HARDENED; TO CONSIST OF LEFT AND RIGHT HUB, MOUNTED AND BOLTED IN 0% WEAR TEETH (691 MM PCD), KEYS AND GRUB SCREWS; 1 EA= 1 SET OF TWO COMPLETE SPROCKETS(LEFT AND RIGHT) WITH MATCHED MACHINED KEYWAYS; EACH SET TO BE UNIQUELY MARKED TO ENSURE EASY IDENTIFICATION OF SET; DATA SHEET OF THE MANUFACTURER NEEDS TO BE SUBMITTED WITH THE QUOTE FOR EVALUATION PURPOSES; TENDERS WITHOUT DATA SHEETS WILL BE REJECTED; QUALITY ASSURANCE DOCUMENTATION WITH DIMENSIONAL AND HARDNESS TEST SHOULD BE DELIVERED WITH THE SPARES FOR SPROCKET HUBS AND TEETH. SPARES DELIVERED WITHOUT QUALITY CONTROL DOCUMENTATION WILL NOT BE ACCEPTED	Ash plant	Each	12		
1	Chains		0640022	CHAIN, POWER TRANSMISSION: STYLE: DUPLEX; LENGTH: 5 M; PITCH: 1.25 IN; MATERIAL: STL; APPLICATION: TIPPER CAR; SPECIFICATION: 20B-2; COMPLETE WITH MASTERLINK	Coal Plant	Each	10		
2			0640023	CHAIN, POWER TRANSMISSION: STYLE: DUPLEX; LENGTH: 10 M; PITCH: 1.25 IN; MATERIAL: STL; APPLICATION: CONVEYING; SPECIFICATION: 20B-2; COMPLETE WITH MASTERLINK	Coal Plant	Each	500		
3			0659879	CHAIN: TYPE: STRAND; DIMENSIONS: WD 26 MM; MATERIAL: STL; LENGTH: 92 MM; SUPPL P/N: MP4-02140-004-00; TWO LINE 265 LINKS	Coal Plant	Each	10		
4			667652	CHAIN: TYPE: ENERGY; DIMENSIONS: WD 170 X HT 80 MM; MATERIAL: PLASTIC; LENGTH: 10 M; SPECIFICATION: E4 SERIES	Coal Plant	Each	10		
5			0574047	TEETH: TYPE: CONVEYOR CHAIN; MATERIAL: STL; NUMBER OF TEETH: 9 SET; SUPPL P/N: HEKO EZ30X120-EA; APPLICATION: SSC CHAIN CONVEYOR DRIVE SPROCKET BOLT IN TEETH SET; FOR 30X120MM ROUND LINK CONVEYOR CHAIN, MACHINED, HARDENED AND HIGHLY WEAR RESISTANT; FOR USE WITH 0 PCT WORN CHAIN (NEW CHAIN); 1 EA = 1 SET CONSISTING OF 9 TEETH WITH FULL SET OF FITTED MOUNTING BOLTS AND NUTS; BOLTS: M24, GRADE 8.8, 110 MM LENGTH, 40 MM THREADED, FITTED SHANK 25 MM DIA MACHINED; NUTS: ALL METAL VIBRATION RESISTANT LOCK NUT; DATA SHEET OF THE MANUFACTURER NEEDS TO BE SUBMITTED WITH THE QUOTE FOR EVALUATION PURPOSES; TENDERS WITHOUT DATA SHEETS WILL BE REJECTED; EACH SET(EA) TO BE PACKED IN THEIR OWN INDIVIDUAL STURDY PACKAGE TO ENSURE THE SET STAYS TOGETHER DURING TRANSPORT, STORAGE AND OTHER MATERIALS MANAGEMENT ACTIVITIES; QUALITY ASSURANCE DOCUMENTATION WITH DIMENSIONAL AND HARDNESS TEST SHOULD BE DELIVERED WITH THE SPARES FOR SPROCKET TEETH. SPARES DELIVERED WITHOUT QUALITY CONTROL DOCUMENTATION WILL NOT BE ACCEPTED; 2 EACH IS REQUIRED TO DO THE FULL DRIVE SHAFT TEETH REPLACEMENT (1 LEFT AND 1 RIGHT)	Ash plant	Each	18		
6			0574389	CHAIN, CONVEYOR: TYPE: ROUND; PITCH: 120 MM; WIDTH: 102 MM; MATERIAL: CRNI STEEL ALLOY; LENGTH: 27.6 M; APPLICATION: SUBMERGED SCRAPER CONVEYOR; SUPPL P/N: RUD 7905667; REFERENCE NO: RUD R100 120X30; PROOF LOAD: 340KN; BREAKING LOAD: 640KN (+/- 10PCT); ELONGATION AT BREAK: 2PCT; SURFACE HARDNESS AT INTERLINK (INTRADOS): 800 HV30 MIN; CASE HARDENING DEPTH AT INTERLINK (INTRADOS) 550HV3 MIN: 1.35MM MIN; CARBURISING DEPTH AFTER MACRO ETCHING IN INTERLINK: 3 MM MIN; SUPPLIED IN MATCH SET; MAXIMUM DIFFERENCE IN STRAND LENGTHS: 6.9 MM MAX; 1 EA = 1 PAIR MEANING A SET OF TWO 13.8 M MATCHED LENGTH CHAINS RESULTING IN A TOTAL NOMINAL CHAIN LENGTH OF 27.6M (13.8M LEFT AND 13.8M RIGHT); TOTAL NUMBER OF LINKS: 230; CHAIN LINKS TO BE VISUALLY SYMMETRICAL AND FREE OF ANY WELDING SPATTER; A TEST CERTIFICATE WITH ALL OF THE TECHNICAL REQUIREMENTS SPECIFIED IN THIS DESCRIPTION NEEDS TO BE SUBMITTED WITH THE DELIVERY OF EACH CHAIN PAIR; CHAINS DELIVERED WITHOUT THESE TEST DOCUMENTS WILL NOT BE ACCEPTED; FOR EVALUATION PURPOSES THE SUPPLIER MUST PROVIDE A DATA SHEET INDICATING THE NORMAL FACTORY ACHIEVED VALUES OF THE REQUIRED TEST PARAMETERS SPECIFIED ABOVE FOR THE MATERIAL QUALITY OF CHAIN QUOTED ON WITH THEIR QUOTE/TENDER; TENDERS WITHOUT DATA SHEET WILL BE REJECTED; THE SSC USES 7 (13.8M PAIRS) OF THIS ITEM AND ONE 7.56M PAIR (ANOTHER MATERIAL NUMBER) TO DO A FULL UNIT REPLACEMENT (104.16M LEFT AND 104.16M RIGHT) AND 8 CHAIN CONNECTORS PER SIDE	Ash plant	Each	12		
7			0574388	LINK: TYPE: FLAT CHAIN CONNECTOR; DIMENSIONS: 30X120 MM; MATERIAL: STEEL; SUPPL P/N: RUD 7909989; REFERENCE NO: RUD UKS 30X120; TO LINK CHAIN STRANDS ON RUD 30X120 R100; ROUND LINK CHAIN; INSTALLATION USING ONLY A HAMMER AND DOWEL; NOT TO BE SECURED WITH A BOLT; DATA SHEET OF THE MANUFACTURER NEEDS TO BE SUBMITTED WITH THE QUOTE FOR EVALUATION PURPOSES; TENDERS WITHOUT DATA SHEETS WILL BE REJECTED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash plant	Each	64		
1	Hose		0640020	HOSE, NON-METALLIC: INSIDE DIAMETER: 4.1 MM; LENGTH: 50 M; CONNECTION: COUPLED X SCREWED; MATERIAL: POLYAMIDE; MAXIMUM OPERATING PRESSURE: 350 BAR; TYPE: HIGH PRESSURE; MINIMUM INSIDE BENDING RADIUS: 35 MM; SPECIFICATION: KF300 NW4; MEDIA FOR WHICH DESIGNED: GREASE; SUPPL P/N: 111-35114-1; WALL THICKNESS: 2.3MM	Coal plant	Each	98		
1			0663534	IDLER, CONVEYOR ASSEMBLY: TYPE: FLAT RETURN TRACKER; DEGREE: 0 DEG; BELT WIDTH: 900 MM; HORIZONTAL IDLER DIAMETER: 174 MM; SUPPL P/N: TTFR90HDT; HD TRUST RUBBER 12MM; SHAFT DIA: 40MM	FGD	Each	50		
2			0663516	IDLER, CONVEYOR ASSEMBLY: TYPE: TROUGHING; DEGREE: 30-45 DEG; BELT WIDTH: 900 MM; HORIZONTAL IDLER DIAMETER: 127 MM; VERTICAL IDLER FACE WIDTH: 380 MM; HORIZONTAL IDLER FACE WIDTH: 320 MM; ASSEMBLY LENGTH: 1.144 M; SUPPL P/N: TTT90TAPPU; TAPER TROUGH TRACKER POLYURETHANE 12MM; SHAFT DIA: 30MM	FGD	Each	50		

3	Self-Aligning idlers		0670293	IDLER, CONVEYOR ASSEMBLY: TYPE: TAPER TROUGH TRACKER; DEGREE: 45 DEG; BELT WIDTH: 1.8 M; VERTICAL IDLER DIAMETER: 145-210 MM; HORIZONTAL IDLER DIAMETER: 152 MM; VERTICAL IDLER FACE WIDTH: 640 MM; HORIZONTAL IDLER FACE WIDTH: 646 MM; ASSEMBLY LENGTH: 2.058 M; SPECIFICATION: SANS1313-1; DRAWING NO: TTT180EXDTARRR REV 0; ASSEMBLY MATERIAL: MS LEGGED WITH EXD RUBBER RINGS; TO BE SUPPLIED AS A UNIT CONSISTING OF THREE IDLER ROLLS AND A FRAME; DATASHEET TO BE SUBMITTED FOR APPROVAL	Coal plant	Each	100		
4			0670292	IDLER, CONVEYOR ASSEMBLY: TYPE: TAPER TROUGH TRACKER; DEGREE: 45 DEG; BELT WIDTH: 2.1 M; VERTICAL IDLER DIAMETER: 170-250 MM; HORIZONTAL IDLER DIAMETER: 152 MM; VERTICAL IDLER FACE WIDTH: 750 MM; HORIZONTAL IDLER FACE WIDTH: 720 MM; ASSEMBLY LENGTH: 2.058 M; SPECIFICATION: SANS1313-1; SUPPL P/N: TDDR210A; ASSEMBLY MATERIAL: MS LEGGED WITH EXD RUBBER RINGS; TO BE SUPPLIED AS A UNIT CONSISTING OF THREE IDLER ROLLS AND A FRAME; DATASHEET TO BE SUBMITTED FOR APPROVAL	Coal plant	Each	100		
5			0650135	IDLER, CONVEYOR ASSEMBLY: TYPE: TROUGH TRACKER; DEGREE: 0 DEG; BELT WIDTH: 1.2 M; SUPPL P/N: TTT120TAPPU	Coal plant	Each	100		
1	Scrappers	Primary Scrapper Blades	237665	BLADE: TYPE: PRIMARY SCRAPER; DIMENSIONS: WD 150 MM; MATERIAL: PU; SUPPL P/N: 2/7.81; E101/E901, CONVEYOR OUTSIDE PLANT USED ON ASH (CONDITION POOR BELT)	Coal and Limestone plant	Each	300		
2		Primary Scrapper Blades 1800BW	617772	BLADE: TYPE: SECONDARY SCRAPER; DIMENSIONS: LG 120 MM; MATERIAL: TIP WC; SPECIFICATION: 2/6.05; COLOR: RED; SPECIAL FEATURES: 13 BLADES; DRAWING NO: E305-S-003 REV 0; BELT: 1800BW	Coal and Limestone plant	Each	200		
3		V-Plough Scrapper blades 2100BW	617770	BLADE: TYPE: V PLOUGH SCRAPER; DIMENSIONS: LG 1.47 M X HT 150 MM X THK 40 MM; MATERIAL: POLYURATHANE; SPECIFICATION: 2/4(2100); COLOR: RED; DRAWING NO: E401-248 REV 0; APPLICATION: INTERMEDIATE CONVEYORS; BELT: 2100BW	Coal and Limestone plant	Each	50		
4		V-Plough Scrapper blades 1800BW	641932	SCRAPER, BELT: TYPE: V-PLOUGH; DIMENSIONS: WD 150 MM X LG 1.47 M X THK 40 MM; MATERIAL: POLYURETHANE; APPLICATION: CONVEYORS; SUPPL P/N: E401-2/4(1800); VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Coal and Limestone plant	Each	50		
5		V-Plough Scrapper blades 1200BW	618533	BLADE: TYPE: V PLOUGH SCRAPER; DIMENSIONS: LG 1.03 M X HT 150 MM X THK 40 MM; MATERIAL: POLYURATHANE; SPECIFICATION: 2/4 1200; COLOR: RED	Coal and Limestone plant	Each	300		
6		V-Plough Scrapper blades 1200BW	637712	BLADE: TYPE: ANGLE PLOUGH; DIMENSIONS: LG 150 MM; MATERIAL: POLYURATHANE; COLOR: BLACK; SUPPL P/N: 2/5-1200; BELT WIDTH: 1.2 M	Coal and Limestone plant	Each	50		
7		Primary Scrapper Assembly 2100BW	617775	SCRAPER, BELT: TYPE: PRIMARY; DIMENSIONS: 2.1 M; MATERIAL: STL; APPLICATION: CONVEYORS; SUPPL P/N: E901-TT; FOR BLADE E901-114; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Coal and Limestone plant	Each	10		
8		Primary Scrapper Assembly 1800BW	568379	SCRAPER, BELT: TYPE: PRIMARY; DIMENSIONS: 3000X413X175 MM; MATERIAL: STEEL; APPLICATION: T2A-F PRIMARY CONVEYORS; MANUF P/N: HV-M 1800; FLEXCO; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Coal and Limestone plant	Each	20		
9		Primary Scraper Assembly 1200BW	617758	SCRAPER, BELT: TYPE: PRIMARY; DIMENSIONS: 1.2 M; MATERIAL: STL; APPLICATION: CONVEYOR T3A-F, T4A- F; FOR 1200MM WIDTH BELT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Coal and Limestone plant	Each	30		
10		Secondary Scraper Assembly 1200BW	0617759	SCRAPER, BELT: TYPE: DOUBLE ROW, SECONDARY; DIMENSIONS: 1.2 M; MATERIAL: STL; APPLICATION: CONVEYOR T3A-F, T4A-F, T5A-F; FOR 1200MM WITH BELT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Coal and Limestone plant	Each	50		
11		V-Plough Scraper 1200BW	0617774	SCRAPER, BELT: TYPE: V PLOUGH; DIMENSIONS: 900- 1350BW; MATERIAL: STL; APPLICATION: CONVEYORS; FOR BLADE E401; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Coal and Limestone plant	Each	50		
12		Secondary Scraper 2100BW	0617773	SCRAPER, BELT: TYPE: DOUBLE ROW, SECONDARY; DIMENSIONS: LG 1.35 M; MATERIAL: STL; APPLICATION: CONVEYORS; SUPPL P/N: E305-TC, USED ON BLADE E305-S-003, 2100BW; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE)	Coal and Limestone plant	Each	30		
13		Secondary Scraper 1800BW	0641930	SCRAPER, BELT: TYPE: SECONDARY; DIMENSIONS: LG 1.87 M; MATERIAL: POLYURETHANE; APPLICATION: CONVEYORS; SUPPL P/N: E305-S(1800); DRAWING NO: E305-S-003(4/7) REV 0; 1800BW; DOUBLE ROW SECONDARY SCRAPER; STANDARD MOUNTING; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Coal and Limestone plant	Each	30		
14		V-plough Scraper Assembly 2100BW	641931	SCRAPER, BELT: TYPE: V-PLOUGH; DIMENSIONS: LG 2.362 M; MATERIAL: POLYURETHANE; APPLICATION: CONVEYORS; SUPPL P/N: E401-V (2100); DRAWING NO: E401-248(4/7) REV 0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Coal and Limestone plant	Each	50		
15		V-plough Scraper Assembly 1800BW	641929	SCRAPER, BELT: TYPE: V PLOUGH; DIMENSIONS: LG 2.058 M; MATERIAL: POLYURETHANE; APPLICATION: CONVEYORS; SUPPL P/N: E401-V (1800); DRAWING NO: E401-248(4/5) REV 0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Coal and Limestone plant	Each	50		
16		V-plough Scraper Assembly 900-1350BW	617774	SCRAPER, BELT: TYPE: V PLOUGH; DIMENSIONS: 900- 1350BW; MATERIAL: STL; APPLICATION: CONVEYORS; FOR BLADE E401; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Coal and Limestone plant	Each	100		
17		Angle Plough Scraper Assembly 1200BW	637713	SCRAPER, BELT: TYPE: ANGLE PLOUGH; DIMENSIONS: WD 1.2 M; MATERIAL: PU/STL; APPLICATION: ASH CONVEYOR; SUPPL P/N: E505; DRAWING NO: E505-010 REV 0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Coal and Limestone plant	Each	100		
1	Scrappers	Primary Belt Scrapper 1350BW	0665605	SCRAPER, BELT: TYPE: PRIMARY-HD; DIMENSIONS: WD 1.09 X LG 2.25 M; MATERIAL: SS/TUNGSTEN; APPLICATION: 1350BW ASH CONVEYORS; SUPPL P/N: 778013N-HD02; HEAD PULLY ASSEMBLY C/W 6X180MM BLADES; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash and gypsum plant	Each	30		
2		Primary Belt Scrapper 1350BW	0665606	SCRAPER, BELT: TYPE: PRIMARY-BV; DIMENSIONS: LG 2.504 M; MATERIAL: SS/TUNGSTEN; APPLICATION: 1350BW ASH CONVEYORS; SUPPL P/N: B6V1350; SECONDARY SCRAPER ASSEMBLY C/W 5X240MM BLADES; ASSEMBLY COMING WITH PARALLEL MOUNTS D AND SKIRT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash and gypsum plant	Each	30		
3		V-Plough Scrapper 1350BW	0620979	SCRAPER, BELT: TYPE: V PLOUGH; DIMENSIONS: LG 1.35 M; MATERIAL: STL; APPLICATION: CONVEYORS; DRAWING NO: AC301-0403-ALL-MAN-00025 REV 0; COMPLETE WITH POLYURETHANE BLADES E401; 150 MM BLADES; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash and gypsum plant	Each	50		
4		Primary Belt Scrapper 1200BW	778012N	Hosch Type HD02 1200mm Primary Scraper with HD Mounts	Ash and gypsum plant	Each	50		
5		Primary Belt Scrapper 1200BW	0662303	SCRAPER, BELT: TYPE: CONVEYOR; DIMENSIONS: WD 76MM X 2.4M; MATERIAL: MS POWDER COATED; APPLICATION: COAL PLANT; OEM P/N: B6V1200; C/W 5 OFF B6V 240MM BLADES & 10 OFF B6V SHORT ELEMENTS C/W RUBBER; HDPE 240MM SKIRT & TYPE C PARALLEL MOUNTS WITH 76MM LOOKING RINGS; WEIGHT: 66KG; MOUNT: MILD STEEL COATED BLADES & ELEMENTS: 3CR12; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash and gypsum plant	Each	30		
6		V-Plough Scrapper 1200BW	0620983	SCRAPER, BELT: TYPE: V PLOUGH; DIMENSIONS: LG 1.2 M; MATERIAL: STL; APPLICATION: CONVEYORS; COMPLETE WITH POLYURETHANE BLADES E401; 150 MM BLADES; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash and gypsum plant	Each	50		
7		Blade Scrapper Short Element	0643090	BLADE: TYPE: SCRAPER; DIMENSIONS: WD 110 X LG 130 MM; MATERIAL: 3CR12; OEM P/N: B6V004; B6V SHORT ELEMENT TORISON ARM SHORT C/W; RUBBER BOOTS	Ash and gypsum plant	Each	200		
8		Blade: Scrapper with Tungsten	0624119	BLADE: TYPE: SCRAPER; DIMENSIONS: LG 240 X THK 12 MM; MATERIAL: 3CR12; COLOR: WHITE; SPECIAL FEATURES: SELF ADJUSTING REVERSING OPERATION; MANUF P/N: B6V001; HAS 10 BLADES; 1200 MM CONVEYOR BELT	Ash and gypsum plant	Each	200		
9		Blade: Scrapper with Tungsten	0670057	BLADE: TYPE: TOP C/W LIP CARBIDE; DIMENSIONS: WD 180 X LG 200 X HT 40 MM; MATERIAL: STAINLESS STEEL; COLOR: SILVER; FURNISHED ITEMS: WITH HARDWARE SET INCLUDED SPECIAL FEATURES: TUNGSTEN CARBIDE TIPPED; MANUF P/N: 778181LIP; FOR USE ON HOSCH HD02/03 PRIMARY SCRAPER	Ash and gypsum plant	Each	200		

10		Primary Scraper 1200BW	0620984	SCRAPER, BELT: TYPE: PRIMARY HEAD; DIMENSIONS: LG 12 M; MATERIAL: STL; APPLICATION: CONVEYORS; COMPLETE WITH POLYURETHANE BLADES E901-TT 150 MM BLADES; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash and gypsum plant	Each	50		
11		Secondary Scraper 1200BW	0620982	SCRAPER, BELT: TYPE: SECONDARY; DIMENSIONS: LG 12 M; MATERIAL: TUNGSTEN CARBIDE; APPLICATION: CONVEYORS; COMPLETE WITH POLYURETHANE DOUBLE ROW MULTI-BLADES E30SS-T3; (GLASS REINFORCED NYLON BLADE 120) GRADE: 2; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	Ash and gypsum plant	Each	50		
12		Primary Scraper 900BW	0758542	SCRAPER ASSEMBLY: TYPE: BELT PRIMARY SCRAPERS; DIMENSIONS: WD 726mm x LG 1890mm MM; MATERIAL: TUNGSTEN-CARBIDE TIPPED; APPLICATION: BELT CLEANING; SPECIFICATION: HD02 HOSCH; THE SCRAPER SETS ARE FOR GY1A-B, GY2A-B, CVY 1, CVY 2 AND CVY 3.	Ash and gypsum plant	Each	50		
13		Hosch Secondary 900BW	0758562	SCRAPER ASSEMBLY: TYPE: BELT SECONDARY SCRAPERS; DIMENSIONS: 960mm x 2430mm MM; MATERIAL: TUNGSTEN CARBIDE BLADE; APPLICATION: BELT CLEANING; SPECIFICATION: SPRUNG BLADE B6V HOSCH; THE SCRAPER SETS ARE FOR GYC1A-B, CVY1, CVY2 AND CVY3	Ash and gypsum plant	Each	20		
1	Delivery	N/A	N/A	DELIVERY (12 TON CRANE TRUCK) (2 DELIVERIES PER MONTH)	N/A	Days	120		
				TOTAL AMOUNT EXCL. VAT					

PROJECT: SUPPLY, DELIVERY AND REFURBISH OF MISCELLANEOUS SPARES FOR BALANCE OF PLANT ON AS AND WHEN REQUIRED BASIS AT KUSILE POWER STATION FOR A PERIOD OF FIVE (5) YEARS

REFURBISHMENT OF MISCELLANEOUS SPARES

Equipment Name

TAC1&2, OLC1&2, SYS1, T4A-F take-up winch, Reclaimer 1,2&3 rake winch

Equipment Description

WINCH: TYPE: ELECTRIC MOTORIZED TAKE UP; CAPACITY: 8.2 T;
DIMENSIONS: WD 723 X HT 698 MM; SUPPL P/N: 13000.S; DRAWING NO:
AC0301-0403-ALL-MAN-E00030 REV 0; INPUT SPEED: 193 RPM; GEAR RATIO:
392:1; FACTOR OF SAFETY 4.5:1; ROPE SIZE AND CONSTRUCTION: DIA (6 X
36) X LG 26 M GALVANISED STL; ROPE SPEED: 0.7M/MM (FULL DRUM); ROPE
CAPACITY: 103 M (FULL DRUM); ELECTRIC GEARED MOTOR; WEG-MOTOR
SPEC: 2.2 KW; 400V; 50HZ; IP66; 4 POLE; NFP; SQUIRREL CAGE; FLANGED
MOUNTED; FRAME: 100L; CW SITI TYPE; MNHL 25/2-7.37:1; PAM 28/250;
HELICAL GEARBOX; SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS

Material Number

0620039

Area - Location

Coal Plant

Required Quantity

20 Off

ITEM NO.	TASK DESCRIPTION	UOM	QUANTITY	RATE	AMOUNT
1.1	Repair				
1.1.1	Parts Required for Repairs (Bearings, Seals. Bushes, etc)	Lot	20		
1.1.2	Strip and assess for winch assembly	Hours	40		
1.1.3	Cleaning of all components of winch	Hours	40		
1.1.4	Inspect, repair and replace gears	Hours	30		
1.1.5	Inspect, repair and replacement shaft	Hours	10		
1.1.6	Replacement of bearings	Hours	10		
1.1.7	Inspect, repair and replace winch rope/cable	Hours	40		
1.1.8	Service the rope feeder/winding guide unit	Hours	40		
1.1.9	Inspect, repair the drum	Hours	4		
1.1.10	Replace brake fluid, lining and seals	Hours	40		
1.1.11	Welding and machining of worn-out portions	Hours	20		
1.1.12	Replace all gaskets, rubber items and seals	Hours	4		
1.1.13	Exterior surfaces cleaned of all loose scale and rust	Hours	10		
1.1.14	Entire drum and shaft surfaces cleaned and sandblasted of all dirt and oil	Hours	10		
1.1.15	One coat of orange enamel applied on the exterior	Hours	10		
1.1.16	New identification tag with date overhauled, contractor job number, Eskom purchase order number and details of the OEM	Each	20		
1.2	Testing				
1.2.1	Vibration and other non-destructive testing	Hours	20		
1.2.2	Test running to check contact patterns, clearances, backlash, and freedom of movement.	Hours	20		
1.3	Documentation				
1.3.1	Strip condition report (Engineering Technician)	Each	20		
1.3.2	QCP (Quality Control Plan)	Each	20		
1.3.3	Final Data Pack (Engineering Technician) consisting of below:	Each	20		
1.3.4	Strip condition report	Included in item 1.3.3			
1.3.5	Copy of Quotation				
1.3.6	Copy of order				
1.3.7	Assembly condition report				
1.3.8	Completed QCP				
1.3.9	Material Certificates (where applicable)				
1.3.10	NDT Test Reports (where applicable)				
1.3.11	Performnace test Certificate				
1.3.12	Final QC check list				
1.3.13	Warranty Certificate				
1.4	Transportation				
1.4.1	Collection from site (4 Ton Truck)	Each	20		
1.4.2	Delivery to site (4 Ton Truck)	Each	20		
1.4.3	10 Ton Forklift (Rental for 2 days per month for collection and delivery)	Per Day	40		
Total for Item 1 (TAC1&2, OLC1&2, SYS1, T4A-F take-up winch, Reclaimer 1,2&3 rake winch)					

Equipment Name

ERC

Equipment Description

WINCH: TYPE: ELECTRIC MOTORIZED TAKE UP; CAPACITY: 3.5 T;
 DIMENSIONS: WD 476 X LG 396 X HT 443 MM; SUPPL P/N: 5000.S; DRAWING
 NO: AC0301-0403-ALL-MAN-E0028 REV 0; INPUT SPEED: 193 RPM; GEAR
 RATIO: 76.8:1; 1.5M/MM (1ST LAYER); ROPE CAPACITY: 63 M (FULL DRUM);
 ELECTRIC GEARED MOTOR; WEG-MOTOR SPEC: 2.2 KW; 400V; 50HZ; IP66; 4
 POLE; NFP; SQUIRREL CAGE; FLANGED MOUNTED; FRAME: 100L; CW SITI
 TYPE; MNHL 25/2-7.37:1; PAM 28/250; HELICAL GEARBOX; SUPPLIER TO
 SUPPLY DATASHEETS/DATABOOKS

Material Number

0620037

Area - Location

Ash Plant

Required Quantity

5 Off

ITEM NO.	TASK DESCRIPTION	UOM	QUANTITY	RATE	AMOUNT
2.1	Repair				
2.1.1	Parts Required for Repairs (Bearings, Seals, Bushes, etc)	Lot	5		
2.1.2	Strip and assess for winch assembly	Hours	10		
2.1.3	Cleaning of all components of winch	Hours	10		
2.1.4	Inspect, repair and replace gears	Hours	7.5		
2.1.5	Inspect, repair and replacement shaft	Hours	2.5		
2.1.6	Replacement of bearings	Hours	2.5		
2.1.7	Inspect, repair and replace winch rope/cable	Hours	10		
2.1.8	Service the rope feeder/winding guide unit	Hours	10		
2.1.9	Inspect, repair the drum	Hours	1		
2.1.10	Replace brake fluid, lining and seals	Hours	10		
2.1.11	Welding and machining of worn-out portions	Hours	5		
2.1.12	Replace all gaskets, rubber items and seals	Hours	1		
2.1.13	Exterior surfaces cleaned of all loose scale and rust	Hours	2.5		
2.1.14	Entire drum and shaft surfaces cleaned and sandblasted of all dirt and oil	Hours	2.5		
2.1.15	One coat of orange enamel applied on the exterior	Hours	2.5		
2.1.16	New identification tag with date overhauled, contractor job number, Eskom purchase order number and details of the OEM	Each	5		
2.2	Testing				
2.2.1	Vibration and other non-destructive testing	Hours	5		
2.2.2	Test running to check contact patterns, clearances, backlash, and freedom of movement.	Hours	5		
2.3	Documentation				
2.3.1	Strip condition report (Engineering Technician)	Each	5		
2.3.2	QCP (Quality Control Plan)	Each	5		
2.3.3	Final Data Pack (Engineering Technician) consisting of below:	Each	5		
2.3.4	Strip condition report	Included in item 2.3.3			
2.3.5	Copy of Quotation				
2.3.6	Copy of order				
2.3.7	Assembly condition report				
2.3.8	Completed QCP				
2.3.9	Material Certificates (where applicable)				
2.3.10	NDT Test Reports (where applicable)				
2.3.11	Performnace test Certificate				
2.3.12	Final QC check list				
2.3.13	Warranty Certificate				
2.4	Transportation				
2.4.1	Collection from site (4 Ton Truck)	Each	5		
2.4.2	Delivery to site (4 Ton Truck)	Each	5		
2.4.3	10 Ton Forklift (Rental for 2 days per month for collection and delivery)	Per Day	10		
Total for Item 2 (ERC)					

Equipment Name

ESC & CVY1

Equipment Description

WINCH: TYPE: ELECTRIC MOTORIZED TAKE UP; CAPACITY: 5.4 T;
 DIMENSIONS: WD 710 X HT 638 MM; SUPPL P/N: 8000.S; DRAWING NO: AC0301-0403-ALL-MAN-E0029 REV 0; INPUT SPEED: 193 RPM; GEAR RATIO: 152:1;
 FACTOR OF SAFETY 4.5:1; ROPE SIZE AND CONSTRUCTION: DIA (6 X 36) X LG 20 M GALVANISED STL; ROPE SPEED: 1.3M/MM (FULL DRUM); ROPE CAPACITY: 94 M (FULL DRUM); ELECTRIC GEARED MOTOR; WEG-MOTOR SPEC: 2.2 KW; 400V; 50HZ; IP66; 4 POLE; NFP; SQUIRREL CAGE; FLANGED MOUNTED; FRAME: 100L; CW SITI TYPE; MNHL 25/2-7.37:1; PAM 28/250; HELICAL GEARBOX; SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS

Material Number

0620038

Area - Location

Ash Plant

Required Quantity

5 Off

ITEM NO.	TASK DESCRIPTION	UOM	QUANTITY	RATE	AMOUNT
3.1	Repair				
3.1.1	Parts Required for Repairs (Bearings, Seals, Bushes, etc)	Lot	5		
3.1.2	Strip and assess for winch assembly	Hours	10		
3.1.3	Cleaning of all components of winch	Hours	10		
3.1.4	Inspect, repair and replace gears	Hours	7.5		
3.1.5	Inspect, repair and replacement shaft	Hours	2.5		
3.1.6	Replacement of bearings	Hours	2.5		
3.1.7	Inspect, repair and replace winch rope/cable	Hours	10		
3.1.8	Service the rope feeder/winding guide unit	Hours	10		
3.1.9	Inspect, repair the drum	Hours	1		
3.1.10	Replace brake fluid, lining and seals	Hours	10		
3.1.11	Welding and machining of worn-out portions	Hours	5		
3.1.12	Replace all gaskets, rubber items and seals	Hours	1		
3.1.13	Exterior surfaces cleaned of all loose scale and rust	Hours	2.5		
3.1.14	Entire drum and shaft surfaces cleaned and sandblasted of all dirt and oil	Hours	2.5		
3.1.15	One coat of orange enamel applied on the exterior	Hours	2.5		
3.1.16	New identification tag with date overhauled, contractor job number, Eskom purchase order number and details of the OEM	Each	5		
3.2	Testing				
3.3.1	Vibration and other non-destructive testing	Hours	5		
3.3.2	Test running to check contact patterns, clearances, backlash, and freedom of movement.	Hours	5		
3.3	Documentation				
3.3.1	Strip condition report (Engineering Technician)	Each	5		
3.3.2	QCP (Quality Control Plan)	Each	5		
3.3.3	Final Data Pack (Engineering Technician) consisting of below:	Each	5		
3.3.4	Strip condition report	Included in item 3.3.3			
3.3.5	Copy of Quotation				
3.3.6	Copy of order				
3.3.7	Assembly condition report				
3.3.8	Completed QCP				
3.3.9	Material Certificates (where applicable)				
3.3.10	NDT Test Reports (where applicable)				
3.3.11	Performnace test Certificate				
3.3.12	Final QC check list				
3.3.13	Warranty Certificate				
3.4	Transportation				
3.4.1	Collection from site (4 Ton Truck)	Each	5		
3.4.2	Delivery to site (4 Ton Truck)	Each	5		
3.4.3	10 Ton Forklift (Rental for 2 days per month for collection and delivery)	Per Day	10		
Total for Item 3 (ESC & CVY1)					

Equipment Name

T4A-F moving head, TAC1

Equipment Description

WINCH: TYPE: MOVING HEAD; CAPACITY: 1.8 T; DIMENSIONS: WD 850 X LG 973 X HT 585 MM; DRAWING NO: AC0301-0403-ALL-MAN-E00031 REV 0; WITH FLANGE: DIA 450MM; ENDS GROOVED TO SUIT: DIA 16MM SWR; WINCH BASE: WD 850 X LG 973; EPICYCLIC GEAR: HE30; RATIO: 5.8:1; BONFIGLIOLI MODEL W110-UFC-P100-B5/B8; FLANGE MOUNTED UNIT RATIO: 40:1; ELECTRIC MOTOR SPEC: WEG-MOTOR 3 KW; 400V; 50HZ; IP55; 4 POLE; NFP; SQUIRREL CAGE; MOUNTED: FLANGE; FRAME: 100L; CW BINDER TYPE 76431-13H00; ELECTRONIMAGNETIC DISC BRAKE AND ELECTRONIC RECTIFIER TYPE 32-67304-B00 (220-500VAC) MOTOR AND BRAKE CERTIFIED DUST IGNITION PROOF; ROPE SIZE AND CONSTRUCTION: DIA (6 X 36) X LG 16 M GALVANIZED STL; ROPE SPEED: 5.4M/MM (FULL DRUM); ROPE CAPACITY: 10 M (TRAVEL); SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS

Material Number

620040

Area - Location

Ash Plant

Required Quantity

10 Off

ITEM NO.	TASK DESCRIPTION	UOM	QUANTITY	RATE	AMOUNT
4.1	Repair				
4.1.1	Parts Required for Repairs (Bearings, Seals. Bushes, etc)	Lot	10		
4.1.2	Strip and assess for winch assembly	Hours	25		
4.1.3	Cleaning of all components of winch	Hours	25		
4.1.4	Inspect, repair and replace gears	Hours	20		
4.1.5	Inspect, repair and replacement shaft	Hours	5		
4.1.6	Replacement of bearings	Hours	10		
4.1.7	Inspect, repair and replace winch rope/cable	Hours	20		
4.1.8	Service the rope feeder/winding guide unit	Hours	20		
4.1.9	Inspect, repair the drum	Hours	14		
4.1.10	Replace brake fluid, lining and seals	Hours	20		
4.1.11	Welding and machining of worn-out portions	Hours	15		
4.1.12	Replace all gaskets, rubber items and seals	Hours	2		
4.1.13	Exterior surfaces cleaned of all loose scale and rust	Hours	5		
4.1.14	Entire drum and shaft surfaces cleaned and sandblasted of all dirt and oil	Hours	10		
4.1.15	One coat of orange enamel applied on the exterior	Hours	10		
4.1.16	New identification tag with date overhauled, contractor job number, Eskom purchase order number and details of the OEM	Each	10		
4.2	Testing				
4.4.1	Vibration and other non-destructive testing	Hours	10		
4.4.2	Test running to check contact patterns, clearances, backlash, and freedom of movement.	Hours	10		
4.3	Documentation				
4.4.1	Strip condition report (Engineering Technician)	Each	10		
4.4.2	QCP (Quality Control Plan)	Each	10		
4.4.3	Final Data Pack (Engineering Technician) consisting of below:	Each	10		
4.4.4	Strip condition report	Included in item 4.3.3			
4.4.5	Copy of Quotation				
4.4.6	Copy of order				
4.4.7	Assembly condition report				
4.4.8	Completed QCP				
4.4.9	Material Certificates (where applicable)				
4.4.10	NDT Test Reports (where applicable)				
4.4.11	Performnace test Certificate				
4.4.12	Final QC check list				
4.4.13	Warranty Certificate				
4.4	Transportation				
4.4.1	Collection from site (4 Ton Truck)	Each	10		
4.4.2	Delivery to site (4 Ton Truck)	Each	10		
4.4.3	10 Ton Forklift (Rental for 2 days per month for collection and delivery)	Per Day	20		
Total for Item 4 (T4A-F moving head, TAC1)					

Equipment Name

N/A

Equipment Description

WINCH: TYPE: MOTORIZED HAND; CAPACITY: 6000 KG; DIMENSIONS: 1678 X 723 X 698 MM; MANUF P/N: 130005MK2; DRAWING NO: 0.84/10517 SHT1 REV 0; SUPPLIED WITH 2.2KW 400V IP65 MOTOR; ROPE SPEED: 0.7M/MIN; ROPE SIZE: DIA 22 X 6 X 36 (IWRC) GALVANISED; RIGHT HAND DRUM GROOVE 23 PITCH 5.5MM DEEP 11.5 M RADIUS

Material Number

582673

Area - Location

Coal Plant

Required Quantity

5 Off

ITEM NO.	TASK DESCRIPTION	UOM	QUANTITY	RATE	AMOUNT
5.1	Repair				
5.1.1	Parts Required for Repairs (Bearings, Seals, Bushes, etc)	Lot	5		
5.1.2	Strip and assess for winch assembly	Hours	10		
5.1.3	Cleaning of all components of winch	Hours	10		
5.1.4	Inspect, repair and replace gears	Hours	7.5		
5.1.5	Inspect, repair and replacement shaft	Hours	2.5		
5.1.6	Replacement of bearings	Hours	2.5		
5.1.7	Inspect, repair and replace winch rope/cable	Hours	10		
5.1.8	Service the rope feeder/winding guide unit	Hours	10		
5.1.9	Inspect, repair the drum	Hours	1		
5.1.10	Replace brake fluid, lining and seals	Hours	10		
5.1.11	Welding and machining of worn-out portions	Hours	5		
5.1.12	Replace all gaskets, rubber items and seals	Hours	1		
5.1.13	Exterior surfaces cleaned of all loose scale and rust	Hours	2.5		
5.1.14	Entire drum and shaft surfaces cleaned and sandblasted of all dirt and oil	Hours	2.5		
5.1.15	One coat of orange enamel applied on the exterior	Hours	2.5		
5.1.16	New identification tag with date overhauled, contractor job number, Eskom purchase order number and details of the OEM	Each	5		
5.2	Testing				
5.5.1	Vibration and other non-destructive testing	Hours	5		
5.5.2	Test running to check contact patterns, clearances, backlash, and freedom of movement.	Hours	5		
5.3	Documentation				
5.5.1	Strip condition report (Engineering Technician)	Each	5		
5.5.2	QCP (Quality Control Plan)	Each	5		
5.5.3	Final Data Pack (Engineering Technician) consisting of below:	Each	5		
5.5.4	Strip condition report	Included in item 5.3.3			
5.5.5	Copy of Quotation				
5.5.6	Copy of order				
5.5.7	Assembly condition report				
5.5.8	Completed QCP				
5.5.9	Material Certificates (where applicable)				
5.5.10	NDT Test Reports (where applicable)				
5.5.11	Performnace test Certificate				
5.5.12	Final QC check list				
5.5.13	Warranty Certificate				
5.4	Transportation				
5.5.1	Collection from site (4 Ton Truck)	Each	5		
5.5.2	Delivery to site (4 Ton Truck)	Each	5		
5.5.3	10 Ton Forklift (Rental for 2 days per month for collection and delivery)	Per Day	10		
Total for Item 5					

Equipment Name

SY1, SY3A&B moving head, SYR1,2 &3 moving head and SYS2

Equipment Description

WINCH: TYPE: MOVING HEAD; CAPACITY: 3 T; DIMENSIONS: WD 1 M X LG 1.095 M X HT 752.4 MM; SUPPL P/N: 4835-302-SY

Material Number

0635883

Area - Location

Coal Plant

Required Quantity

20 Off

ITEM NO.	TASK DESCRIPTION	UOM	QUANTITY	RATE	AMOUNT
6.1	Repair				
6.1.1	Parts Required for Repairs (Bearings, Seals. Bushes, etc)	Lot	20		
6.1.2	Strip and assess for winch assembly	Hours	40		
6.1.3	Cleaning of all components of winch	Hours	40		
6.1.4	Inspect, repair and replace gears	Hours	30		
6.1.5	Inspect, repair and replacement shaft	Hours	10		
6.1.6	Replacement of bearings	Hours	10		
6.1.7	Inspect, repair and replace winch rope/cable	Hours	40		
6.1.8	Service the rope feeder/winding guide unit	Hours	40		
6.1.9	Inspect, repair the drum	Hours	4		
6.1.10	Replace brake fluid, lining and seals	Hours	40		
6.1.11	Welding and machining of worn-out portions	Hours	20		
6.1.12	Replace all gaskets, rubber items and seals	Hours	4		
6.1.13	Exterior surfaces cleaned of all loose scale and rust	Hours	10		
6.1.14	Entire drum and shaft surfaces cleaned and sandblasted of all dirt and oil	Hours	10		
6.1.15	One coat of orange enamel applied on the exterior	Hours	10		
6.1.16	New identification tag with date overhauled, contractor job number, Eskom purchase order number and details of the OEM	Each	20		
6.2	Testing				
6.6.1	Vibration and other non-destructive testing	Hours	20		
6.6.2	Test running to check contact patterns, clearances, backlash, and freedom of movement.	Hours	20		
6.3	Documentation				
6.6.1	Strip condition report (Engineering Technician)	Each	20		
6.6.2	QCP (Quality Control Plan)	Each	20		
6.6.3	Final Data Pack (Engineering Technician) consisting of below:	Each	20		
6.6.4	Strip condition report	Included in item 6.3.3			
6.6.5	Copy of Quotation				
6.6.6	Copy of order				
6.6.7	Assembly condition report				
6.6.8	Completed QCP				
6.6.9	Material Certificates (where applicable)				
6.6.10	NDT Test Reports (where applicable)				
6.6.11	Performnace test Certificate				
6.6.12	Final QC check list				
6.6.13	Warranty Certificate				
6.4	Transportation				
6.6.1	Collection from site (4 Ton Truck)	Each	20		
6.6.2	Delivery to site (4 Ton Truck)	Each	20		
6.6.3	10 Ton Forklift (Rental for 2 days per month for collection and delivery)	Per Day	40		
Total for Item 6 (SY1, SY3A&B moving head, SYR1,2 &3 moving head and SYS2)					

Equipment Name

N/A

Equipment Description

WINCH: TYPE: MOVING HEAD; CAPACITY: 1.8 T; DIMENSIONS: WD 16 X LG 36 X HT 6 MM; LAY ON/LAY OFF; MATERIAL: GLAV STL WIRE ROPE; TRAVEL: 10M; ROPE SPEED: 5.4M/MIN; 1/2 AB ELECTRIC WINCH

Material Number

0634524

Area - Location

Ash and Limestone

Required Quantity

5 Off

ITEM NO.	TASK DESCRIPTION	UOM	QUANTITY	RATE	AMOUNT
7.1	Repair				
7.1.1	Parts Required for Repairs (Bearings, Seals. Bushes, etc)	Lot	5		
7.1.2	Strip and assess for winch assembly	Hours	10		
7.1.3	Cleaning of all components of winch	Hours	10		
7.1.4	Inspect, repair and replace gears	Hours	7.5		
7.1.5	Inspect, repair and replacement shaft	Hours	2.5		
7.1.6	Replacement of bearings	Hours	2.5		
7.1.7	Inspect, repair and replace winch rope/cable	Hours	10		
7.1.8	Service the rope feeder/winding guide unit	Hours	10		
7.1.9	Inspect, repair the drum	Hours	1		
7.1.10	Replace brake fluid, lining and seals	Hours	10		
7.1.11	Welding and machining of worn-out portions	Hours	5		
7.1.12	Replace all gaskets, rubber items and seals	Hours	1		
7.1.13	Exterior surfaces cleaned of all loose scale and rust	Hours	2.5		
7.1.14	Entire drum and shaft surfaces cleaned and sandblasted of all dirt and oil	Hours	2.5		
7.1.15	One coat of orange enamel applied on the exterior	Hours	2.5		
7.1.16	New identification tag with date overhauled, contractor job number, Eskom purchase order number and details of the OEM	Each	5		
7.2	Testing				
7.2.1	Vibration and other non-destructive testing	Hours	5		
7.2.2	Test running to check contact patterns, clearances, backlash, and freedom of movement.	Hours	5		
7.3	Documentation				
7.7.1	Strip condition report (Engineering Technician)	Each	5		
7.7.2	QCP (Quality Control Plan)	Each	5		
7.7.3	Final Data Pack (Engineering Technician) consisting of below:	Each	5		
7.7.4	Strip condition report	Included in item 7.3.3			
7.7.5	Copy of Quotation				
7.7.6	Copy of order				
7.7.7	Assembly condition report				
7.7.8	Completed QCP				
7.7.9	Material Certificates (where applicable)				
7.7.10	NDT Test Reports (where applicable)				
7.7.11	Performnace test Certificate				
7.7.12	Final QC check list				
7.7.13	Warranty Certificate				
7.4	Transportation				
7.7.1	Collection from site (4 Ton Truck)	Each	5		
7.7.2	Delivery to site (4 Ton Truck)	Each	5		
7.7.3	10 Ton Forklift (Rental for 2 days per month for collection and delivery)	Per Day	10		
Total for Item 7					
GRAND TOTAL EXCL. VAT					