

	Scope of Work	Matimba Power Station
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Title: **Matimba Power Station, Supply and Delivery of the Conveyor Power Transmission Devices and Belt Drives**

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Content	Page
1. Introduction.....	3
2. Supporting Clauses	3
2.1 Scope.....	3
2.1.1 Purpose.....	3
2.1.2 Applicability	3
2.1.3 Effective date.....	3
2.2 Normative/Informative References	3
2.2.1 Normative.....	3
2.2.2 Informative.....	4
2.3 Definitions	4
2.4 Abbreviations	4
2.5 Roles and Responsibilities	5
2.5.1 <i>Supply Manager</i>	5
2.5.2 <i>Contractor</i>	5
2.6 Process of Monitoring.....	5
2.7 Related/Supporting Documents.....	6
3. Document Content.....	6
3.1 General	6
3.1.1 Adherence to Eskom General Policies & Standards	6
3.1.2 Quality Standard.....	6
3.1.3 Document Control.....	6
3.1.4 Contractual Meetings.....	6
3.1.5 Correspondence.....	6
3.1.6 <i>Task Order</i>	6
3.2 Scope of Work Information	7

1. Introduction

Eskom, Matimba Power Station Management has decided to outsource the supply and delivery of the conveyor power transmission devices and belt drives to an experienced, well-established, and qualified Service Provider.

This document describes the detail of the applicable requirements, scope of work, specifications, terms & conditions as well as the criteria to qualify for the tender.

2. Supporting Clauses

2.1 Scope

This document sets out the detailed User Scope of Work requirements necessary for Ash and Coal plant Maintenance Services.

2.1.1 Purpose

The purpose of this document is to define a User Scope of Work requirement based on which a supply contract will be established between the Employer and the supplier.

Matimba Power Station is expected to perform at EAF>85, PCLF<8 and UCLF<5, and the supplied material must support this requirement.

It is therefore imperative that the successful and suitably qualified supplier aligns their company fully to these specified user supply requirements scope of work.

2.1.2 Applicability

This document shall apply to the user requirements of supply of conveyor power transmission devices and belt drives to Matimba Power Station.

2.1.3 Effective date

The effective date of this document is as per the date and signature of the authorizer, as indicated on the cover page.

2.2 Normative/Informative References

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

2.2.1 Normative

[1] ISO 9001 Quality Management Systems.

[2] 32 – 1034: Procurement and Supply Chain Management Procedure

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[3] 32- Preferential Procurement Policy Framework Act 5 of 2000

2.2.2 Informative

[1]. 240-62072907: Eskom Delegation of Authority Policy.

[2]. 240-165040111: Supplier Terms Policy

[3]. 32-1033: Procurement and Supply chain Management Policy

[4]. 240-141007195: Electronic Signature usage Policy

[5]. 240-156280553: Procedure for signing documentation electronically using the Eskom electronic signing system.

[6]. 240-168966153: Generation Tender Technical Evaluation Procedure

2.3 Definitions

2.3.1. Ad hoc: A solution designed for a specific problem or task, non-generalizable, and not intended to be able to be adapted to other purposes.

2.3.2. *Contractor*: Partnership agreements and service provider contracted for supplying specific service/goods to Eskom Generation Matimba Power Station.

2.3.3. Controlled Disclosure: Controlled disclosure to external parties (either enforced by law, or discretionary).

2.3.4. Employer: Eskom or Eskom Generation, Matimba Power Station.

2.3.5. Parties: The Employer and the Contractor.

2.3.6. Supply Manager: The Employer's representative in regard to the supply contract agreement.

2.3.7. Task Order: The Service Manager's instruction to perform a task. SAP PM orders will also be used as task orders.

2.4 Abbreviations

Abbreviation	Description
NECSC	Supply Contract Document
NEC3	New Engineering Contract
URS	User Requirement Specification.
CFT	Cross Functional Team
OEM	Original Equipment Manufacturer.
PCM	Process Control Manual.

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PDF	Portable Document Format.
QCP	Quality Control Plan.
SAP	Systems, Applications Products.
TET	Technical Evaluation Team
SME	Subject Matter Expert

2.5 Roles and Responsibilities

2.5.1 Supply Manager

1. Co-ordinating and Manage contract budget and expenses.
2. Ensures that the service provider operates within the budget.
3. Communicate technical interface between Eskom and the service provider.
4. Review, verify and approve receipt of services or deliverables from the goods supplier.
5. Manage and maintain records and correspondence between the employer and service provider.
6. Ensures that the service provider comply with the terms and conditions of the contract.
7. Keep the records of the contract for history and audit purposes.

2.5.2 Contractor

1. Supply of spares service to the *Employer* in accordance with Matimba Power Station procurement process as per spares URS.
2. Ensure that quality of spares delivered in Process for Monitoring in accordance to the Scope of Work as stipulated within Matimba Power Station spares URS.
3. The supplier shall ensure that all spares are accompanied by their related user specification as per their URS.

2.6 Process of Monitoring

On delivery of spares to Matimba Power station main stores, items will be subjected to quality control (QC) by an End User to ensure that description of delivered items complies with that of the order.

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2.7 Related/Supporting Documents

[1]. NEC 3 Supply Contract.

3. Document Content

3.1 General

3.1.1 Adherence to Eskom General Policies & Standards

The Supplier shall ensure that their Employees delivering spares to site comply with Eskom's policies and site regulations and Eskom's Life Saving Rules.

3.1.2 Quality Standard

The Supplier shall ensure that the quality of spares delivered to Matimba is as per the ISO 9001 Standard to support Matimba's objective of improving performance.

3.1.3 Document Control

All contractual communication between the *Employer* and *Supplier* shall be in written format accompanied by an official letterhead and signed by the authorised *Parties*.

All attached documentation shall be in the format of Microsoft Word/ Excel and/ or Power Point.

All contractual communication letterheads and attached documentation shall be electronically mailed as per PDF format.

3.1.4 Contractual Meetings

a) ADHOC Meetings can be scheduled and agreed upon

3.1.5 Correspondence

All verbal and non – verbal communication between the *Employer* and *Supplier* shall be communicated in an electronic format which can be read or copied.

3.1.6 Task Order

The *Contractor* shall by no means carry out any maintenance work in terms of the Scope of Work Information, without the approval of the *Employer*.

The *Contractor* shall by no means carry out any maintenance work in terms of the Scope of Work Information, without the approval an official SAP Task Order Number being supplied by the *Employer* to the *Contractor*

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3.2 Scope of Work Information

Supply & Delivery of Power Transmission Devices					
Item nr	Material number	Material Description and Texts (power transmission devices)	UMC	QT Y	Unit Price
1	0177253	CLUTCH: BELT DRIVE;28 MM;132TCD4/3KW	EA	40	
2	0634858	CLUTCH: DOG;60 MM	EA	175	
3	0232024	CLUTCH: PIV OVERLOAD;15 MM	EA	10	
4	0232023	CLUTCH: PIV STARTING;6 MM; SCC A2	EA	10	
5	0026386	CLUTCH: SLIP FRICTION;3 MM	EA	50	
6	0610864	SHOE: LIFT DOOR; WD 20 X LG 70 X THK 10 MM	EA	60	
7	0050801	SHOE: PERIPHERAL; THK 30 MM; CI	EA	480	
8	0050785	SHOE: RADIAL; CI;1169	EA	40	
9	0050783	SHOE: RADIAL; THK 30 MM; CI	EA	80	
10	0050786	SHOE: RADIAL; THK 30 MM; CI	EA	40	
11	0050787	SHOE: RADIAL; THK 30 MM; CI	EA	40	
12	0050788	SHOE: RADIAL; THK 30 MM; CI	EA	40	
13	0050789	SHOE: RADIAL; THK 30 MM;CI	EA	80	
14	0050790	SHOE: RADIAL; THK 30 MM;CI	EA	80	
15	0050791	SHOE: RADIAL; THK 30 MM; CI	EA	80	
16	0050794	SHOE: RADIAL; THK 30 MM; CI	EA	15	
17	0050795	SHOE: RADIAL; THK 30 MM; CI	EA	50	
18	0050796	SHOE: RADIAL; THK 30 MM; CI	EA	15	
19	0050797	SHOE: RADIAL; THK 30 MM; CI	EA	15	

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20	0050798	SHOE: RADIAL; THK 30 MM; CI	EA	40	
21	0050799	SHOE: RADIAL; THK 30 MM; CI	EA	30	
22	0050792	SHOE: WEAR; THK 30 MM; CI	EA	40	
23	0050793	SHOE: WEAR; THK 30 MM; CI	EA	40	
24	0050802	SHOE: WEAR; THK 30 MM; CI	EA	80	
25	0050782	SHOE: WEAR; THK 30 MM; CI;1166	EA	15	
26	0050800	SHOE: WEAR; THK 30 MM; CI;1184	EA	30	
27	0037262	SHOE BRK: ASH CONVEYOR BELT DRIVES;2	EA	5	
28	0037263	SHOE BRK: CONVEYOR; ASB;2	EA	10	
29	0662288	SHOE BRK: COURSE ASH WINCH; CORK/ASBESTOS	EA	20	
30	0038051	SHOE BRK: HOIST; ASB	EA	0	
31	0037275	SHOE BRK: STACKER SPREADER; DIA 400 MM; STL	EA	0	
32	0109193	WHEEL ABRSV:120;10-15000 RPM; ID 30 MM	EA	20	
33	0109195	WHEEL ABRSV:120;10-15000 RPM; ID 6 MM	EA	20	
34	0215718	WHEEL ABRSV:120;10-15000 RPM; ID 6 MM	EA	20	
35	0215719	WHEEL ABRSV:60;10-15000 RPM; ID 6 MM	EA	20	
36	0109194	WHEEL ABRSV:60;10-15000 RPM; OD 40 MM	EA	20	
37	0215720	WHEEL ABRSV:60;10-15000 RPM; RD	EA	20	
38	0079592	WHEEL ABRSV: FINE; OD 32 MM; THK 17 MM; A12	EA	20	
39	0109247	WHEEL ABRSV:M;4388 RPM; ID 20 MM	EA	20	
40	0214717	WHEEL: CHAIN GUIDE;200 MM; OD 620 MM; STL	EA	20	
41	0038776	WHEEL: CHAIN GUIDE;260 MM; OD 610 MM; STL	EA	50	
42	0038777	WHEEL: CHAIN GUIDE;350 MM; OD 475 MM; STL	EA	20	

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43	0037267	WHEEL: FRICTION;150 MM; OD 165 MM; WD 60 MM	EA	20	
44	0623550	WHEEL: SHEAVE;60 MM; OD 510 MM; WD 60 MM; MS	EA	15	
45	0581947	WHEEL: SSC RUNNING;110 MM; OD 500 MM	EA	70	
46	0219023	WHEEL: TRACK CRAWLER; OD 450 MM;42CRM04V	EA	20	
47	239272	SET: COUPLING BUFFER ROLLER;12; BUFFERS	EA	50	
48	615507	GRID CPLG: FLEXIBLE; T1120; MS	EA	10	
49	37215	SPIDER CPLG: FLEXIBLE; RUBBER; ID 135 MM	EA	60	
50	706297	HUB CPLG FLXBL: GRID COUPLING; STL;120 MM	EA	20	
51	552824	SLEEVE CPLG: TAPER; ID 55 X OD 75 X LG 121	EA	30	
52	602640	GRID CPLG: FLEXIBLE;43T	EA	20	
53	45176	COUPLING SHFT FLEX: ELASTOMERIC RING;38	EA	150	
54	238715	PIN: COUPLING;19 MM; LG 72 MM; HTS	EA	280	
55	238713	COUPLING SHFT FLEX: RUBBER	EA	500	
56	624376	COUPLING SHFT FLEX: BUSHING;33 MM	EA	240	
57	615997	COUPLING: HUB;50 MM; MS	EA	10	
58	616248	COUPLING: MILL BIN;60 MM; MS	EA	10	
59	616249	COUPLING: HUB;65 MM; MS	EA	10	
60	664668	COUPLING: CLUTCH; ID 48 X OD 146 X LG 150	EA	10	
61	552787	SLEEVE CPLG: TAPER; ID 42 X OD 65 X LG 130	EA	30	
62	552797	SLEEVE CPLG: TAPER; ID 55 X OD 65 X LG 134	EA	30	
63	0177253	CLUTCH: BELT DRIVE;28 MM;132TCD4/3KW	EA	40	
Supply & Delivery of Belt Drives					

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Item nr	Material number	Material Description and Texts (power transmission devices)	UMC	QT Y	Unit Price
65	0177277	PULLEY CONV:1.05 M;1.5 M;STL;240 MM	EA	10	
66	0177276	PULLEY CONV:900 MM;1.5 M;STL;180 MM	EA		
67	0038646	PULLEY CONV:ASH TAIL;400 MM;900 MM;STL	EA	15	
68	0608688	PULLEY CONV:BEND;315 MM;1.27 M;MS;70 MM	EA	10	
69	0177305	PULLEY CONV:BEND;630 MM;2 M;STL;2.78 M	EA	10	
70	0038652	PULLEY CONV:COURSE ASH DRIVE;500 MM;STL	EA		
71	0177275	PULLEY CONV:CROSS DRIVE;900 MM;1.5 M;STL	EA	5	
72	0038651	PULLEY CONV:CROSS TAKE UP BEND;630 MM	EA	10	
73	0038650	PULLEY CONV:CROSS TAKE UP;630 MM;1.5 M	EA		
74	0588397	PULLEY CONV:CROWN;900 MM;745 MM;MS	EA	30	
75	0612507	PULLEY CONV:DRIVE END;900 MM;900 MM	EA	20	
76	0177280	PULLEY CONV:DRIVE SNUB/TAKE UP;630 MM	EA	10	
77	0177309	PULLEY CONV:DRIVE SNUB;750 MM;2 M;STL	EA	10	
78	0177304	PULLEY CONV:DRIVE SNUB;800 MM;2 M	EA		
79	0177279	PULLEY CONV:DRIVE TRANSVERSE;700 MM;STL	EA		
80	0619540	PULLEY CONV:DRIVE;1 M;2.6 M;STL;300 MM	EA		
81	0670203	PULLEY CONV:DRIVE;1.05 M;2 M;STL	EA	10	
82	0590960	PULLEY CONV:DRIVE;1.1 M;2.3 M;MS;220 MM	EA	10	
83	0038653	PULLEY CONV:DRIVE;500 MM;1.35 M;RUBBER	EA	10	
84	0038669	PULLEY CONV:DRIVE;516 MM;1.65 M;STL	EA	10	
85	0038671	PULLEY CONV:DRIVE;900 MM;1.5 M;STL	EA	10	

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86	0177287	PULLEY CONV:EXTENDABLE DRIVE;900 MM;STL	EA		
87	0588436	PULLEY CONV:FEEDER BOOSTER;215 MM;762 MM	EA		
88	0177285	PULLEY CONV:HEAD END;500 MM;1.5 M;STL	EA		
89	0177307	PULLEY CONV:HEAD;1.05 M;2 M;STL;2.84 M	EA		
90	0586591	PULLEY CONV:HEAD;1.05 M;2 MM;STL;2.84 M	EA	10	
91	0622281	PULLEY CONV:HEAD;2 M;800 MM;STL;280 MM	EA	20	
92	0586592	PULLEY CONV:HIG H TENSION BEND;1.05 M;2 M	EA	30	
93	0622273	PULLEY CONV:HIG H TENSION BEND;800 MM;2 M	EA	20	
94	0586593	PULLEY CONV:HT DRIVE SNUB;1.05 M;2 M;STL	EA	20	
95	0610670	PULLEY CONV:HT DRIVE SNUB;800 MM;2;MS	EA	20	
96	0177306	PULLEY CONV:LT BEND;630 MM;2 M;STL	EA		
97	0622274	PULLEY CONV:LT BEND;630 MM;2 M;STL	EA	20	
98	0610669	PULLEY CONV:LT BEND;630 MM;2;MS;2.86 M	EA	20	
99	0610671	PULLEY CONV:LT DRIVE SNUB;630 MM;2;MS	EA	20	
100	0038943	PULLEY CONV:MILL BIN BEND;315 MM;1.27 M	EA		
101	0038944	PULLEY CONV:MILL BIN DRIVE;600 MM;1.27 M	EA		
102	0038946	PULLEY CONV:MILL BIN DRIVE;600 MM;1.27 M	EA		
103	0038941	PULLEY CONV:MILL BIN SNUB;315 MM;1.27 M	EA		
104	0038942	PULLEY CONV:MILL BIN TAIL;500 MM;1.27 M	EA		
105	0177281	PULLEY CONV:OVERLAND DRIVE;1.25 M;1.5 M	EA	30	
106	0177278	PULLEY CONV:OVERLAND H/T BEND 2;1.05 M	EA		
107	0177273	PULLEY CONV:OVERLAND TAIL;900 MM;1.5 M	EA	30	
108	0610673	PULLEY CONV:PRIMARY DRIVE;800 MM;2;MS	EA	20	

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109	0610675	PULLEY CONV:PRIMARY DRIVE;800 MM;2;MS	EA	20	
110	0177284	PULLEY CONV:RETURN;516 MM;1.64 M;STL	EA		
111	0610674	PULLEY CONV:SECONDARY DRIVE;800 MM;2;MS	EA	20	
112	0610667	PULLEY CONV:SECONDARY DRIVE;800;2 M;MS	EA	20	
113	0177286	PULLEY CONV:SHIFTABLE TAKE UP;630 MM	EA		
114	0177282	PULLEY CONV:SHIFTABLE TRIPPER CAR;900 MM	EA	30	
115	0654116	PULLEY CONV:SNUB;141 MM;1.26 M;STL;65 MM	EA		
116	0619537	PULLEY CONV:SNUB;315 MM;1.27 M;STL	EA		
117	0038672	PULLEY CONV:SNUB;500 MM;1.5 M;STL;100 MM	EA	10	
118	0619538	PULLEY CONV:SNUB;650 MM;2.6 M;STL;200 MM	EA		
119	0613606	PULLEY CONV:SQUEEZER,140 MM,2 M,MS,100	EA	20	
120	0177283	PULLEY CONV:STACKER DRIVE;500 MM;1.5 M	EA	15	
121	0038940	PULLEY CONV:T8 DRIVE SNUB;630 MM;1.4 M	EA		
122	0177308	PULLEY CONV:T8 DRIVE;800 MM;1.4 M;STL	EA		
123	0609262	PULLEY CONV:TAIL SNUB;750 MM;2 M;MS	EA	15	
124	0038649	PULLEY CONV:TAIL, CROSS;630 MM;1.5 M;STL	EA		
125	0619539	PULLEY CONV:TAIL;1 M;2.6 M;STL;240 MM	EA		
126	0038673	PULLEY CONV:TAIL;630 MM;1.5 M;STL;150 MM	EA	10	
127	0610672	PULLEY CONV:TAIL;750 MM;2;MS;2.78 MM	EA	10	
128	0609263	PULLEY CONV:TAIL;900 MM;2 M;MS;240 MM	EA	10	
129	0038645	PULLEY CONV:TAKE UP, BEND;400 MM;900 MM	EA	10	
130	0038647	PULLEY CONV:TAKE UP, BEND;450 MM;1.35 M	EA	15	
131	0038939	PULLEY CONV:TAKE UP, BEND;500 MM;2 M	EA		

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132	0610668	PULLEY CONV:TAKE UP, BEND;630 MM;2;MS	EA	10	
133	0609264	PULLEY CONV:TAKE UP, BEND;900 MM;2 M;MS	EA	10	
134	0671088	PULLEY CONV:TAKE UP;260 MM;300 MM;STL	EA	10	
135	0670014	PULLEY CONV:TAKE UP;260 MM;850 MM;STL	EA		
136	0642801	PULLEY CONV:TAKE UP;750 MM;2 M;MS	EA	10	
137	0177274	PULLEY CONV:TRANSVERSE GIB HEAD;700 MM	EA	10	
138	0038648	PULLEY CONV:TRANSVERSE TAIL;630 MM;1.8 M	EA		
139	0248677	PULLEY GRV:CONTROL ROLLER;RADIAL VANE	EA	80	
140	0248678	PULLEY GRV:CONTROL ROLLER;RADIAL VANE	EA	40	
141	0252345	PULLEY V BELT:13N;OD 131 MM;2;CI;1610	EA	60	
142	0252344	PULLEY V BELT:13N;OD 156 MM;2;CI;2012	EA	35	
143	0584497	PULLEY V BELT:SPB;55 MM;OD 223 MM;4	EA	10	
144	0579091	PULLEY:COAL FEEDER;ID 223 X OD 273 MM;1	EA	60	
145	0609689	PULLEY:TENSION;273 MM;STL EN3A;1	EA		
146	613477	HOLDBACK:CONVEYOR BELT DRIVES;CI;720 KNM	EA	10	
147	670331	HOLDBACK:CONVEYOR BELT DRIVES;CI;720 KNM	EA	10	
148	670334	HOLDBACK:FLACK BACK;STL	EA	10	
149	224916	STOP: HOLD BACK; 110 MM; STL	EA	10	
150	729997	IDLER: WEIGH CLASS; DIA 127 X WD 340 MM	EA		
151	729996	IDLER: WEIGH CLASS; DIA 127 X WD 690 MM	EA		
152	729985	IDLER: BALANCE ROLLS; DIA 127 X LG 624 MM	EA		
153	729998	IDLER: BALANCE ROLLS; DIA 127 X LG 624 MM	EA		
154	730000	IDLER: WEIGH CLASS; DIA 127 X LG 370 MM	EA		

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155	730001	TACHOMETER: BELT MOTION MONITOR; 0-10 VDC	EA		
156	730003	LOAD CELL: MILL TRONICS; CAP 250 LB	EA		
157	730004	IDLER: BALANCE ROLLS G40; DIA 127 X WD 660 MM	EA		
The Total of the Prices = R					

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