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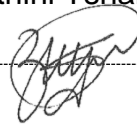
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Functional Responsibility

Zwelithini Tshabalala



Authorised by

Sizo Myeni



Operations Manager

Head Of Department

General Manager

Date: 15/11/2021

Date: 15/11/2021

Date: 15 November 2021

Supported by:

James Wiggins



Yellow Plant Specialist

Date: 08/11/21

1. PURPOSE

The purpose of this document is to define the services needed to supply automotive Batteries for various makes and models of Yellow and White plant to ERI – BMS.

2. BRIEF OVERVIEW OF OUR BUSINESS

Eskom Rotek Industries` (ERI) Bulk Material Services (BMS) division provide amongst other services mobile (yellow) plant equipment for bulk materials handling (ash and coal) to ERI BMS division in various power stations across the country mainly fossil power station. The fossil power stations are concentrated in Mpumalanga, Limpopo and Gauteng. The mobile plant equipment is used to build and maintain coal stockyard, ash dams and dumps. In order to provide high standard of service a well maintained and reliable mobile plant is essential.

ERI has invested in diverse makes and types of mobile plant equipment. The mobile plant comprises of Articulated Dump Trucks (ADTs), Motor Graders (MGs), Bulldozers (BDs), Front End Loaders (FELs), Excavators (EXs), Tractor Loader Backhoes (TLBs), Smooth Drum Rollers (SDRs), Tipper Trucks (TPs) and Water Tankers (WTs) i.e., brands such as Komatsu, Caterpillar, Doosan, Volvo, Man, Iveco, Nissan, Mercedes Benz, Hitachi, Bell and JCB.

Table 1 : ERI Mobile Plant Fleet Complement

MAKE	PLANT TYPE	MODEL	QTY
BELL	ADT	B30D	18
BELL	MG	770	6
BELL	FEL	L2606D	2
BELL/KATO	EX	820E	7
Bomag	SDR	BW213	1
Caterpillar	ADT	730	26
Caterpillar	BD	D8R	40
Caterpillar	FEL	966H	12
Caterpillar	EX	320D2L	6
Caterpillar	MG	140H	24
Caterpillar	SDR	CS533	10
Caterpillar	TLB	422E	5
Doosan	EX	DX200A	2
HAMM	SDR	3414	2
Heil	FL	CPCD25M330	1
Hitachi	FEL	ZW310	26
Hyundai	FEL	HL770-9s	21
IVECO	TP	Trakker 380	17
JCB	SDR	VM115	17
JCB	TLB	3CX	1
Kleeman	RCS	Mobiscreen MS19D	3

KOMATSU	ADT	HM300	4
KOMATSU	BD	DX155-6	17
KOMATSU	EX	PC series	14
KOMATSU	FEL	WA320/470	3
KOMATSU	MG	GD675-5	9
KOMATSU	TLB	WB93R	3
MAN	TP-TT	TGA	28
Mercedes-Benz	WT	Axor 2628	42
NISSAN	WT	UD CW 26.490FC	9
VOLVO	EX	EC210	9
VOLVO/SDLG	TLB	B877	7

3. DESCRIPTION OF SERVICES

The services required are for a Local Manufacturer of Automotive batteries to be able to supply ERI – BMS with a full range of batteries on an as and when required basis.

4. SCOPE OF WORK

4.1 FUNCTIONS SPECIFICATIONS

The Service provider shall:

- 4.1.1 Supply automotive batteries of various sizes and specifications as and when required to our Rosherville workshop.
- 4.1.2 Supply proof of local manufacturing status.
- 4.1.3 Have manufactured in South Africa for more than 5 years
- 4.1.4 Currently supply OEM's or have supplied in the past 5 years
- 4.1.5 Pricing to be reflected in Table 1 and 2.
- 4.1.6 Battery weight in kilograms to be reflected in Table 1 and 2.
- 4.1.7 Remove old scrap batteries at the request of ERI and compensate accordingly as per table 1 and 2.
- 4.1.8 A Material Safety Data Sheet should be supplied with each delivery.
- 4.1.9 All batteries supplied should be of the maintenance free type.
- 4.1.10 All batteries should be delivered within 12 to 24 working hours of receipt of a purchase order.
- 4.1.11 All batteries will be suitably protected during transport to Rosherville and will be inspected by ERI before receipt.
- 4.1.12 The majority of the batteries supplied should be locally manufactured, batteries not locally manufactured should be indicated in the tables.
- 4.1.13 Battery weight will be without packaging for transport.

5. REQUIREMENTS

5.1 Quality – Safety - Environmental

5.1.1 Batteries supplied should be as per OEM specifications.

5.1.2 The manufacturer should be ISO 9001 accredited.

5.1.3 The manufacturer should be ISO 45001 accredited

5.1.4 The manufacturer should be ISO 14001 accredited

5.1.1 Warranty

The duration of warranty on all batteries must be for a minimum period of 12 months or more from date of delivery to Rosherville.

5.2 SUPPORTING DOCUMENTS

NB: The following documentation must be returned for the purpose of technical evaluation:

- a) Technical Evaluation Criteria document

A weighted score-card approach will be used to evaluate the technical compliance of the tenders against the specifications. Tenderers need to have a weighted score of 81% overall or more to technically qualify for further evaluation. Refer to **Appendix A**

	SCOPE OF WORK	Bulk Material Services
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APPENDIX A

Description	Technical Criterion	Scoring Criteria	Weight (%)
Technical compliance			
Number of years the Company has been manufacturing batteries in South Africa	More than Five Years' experience in manufacturing and supplying a full range of batteries to local industry by means of certification or reference letter.	20 = Reference letter submitted with more than 5 years of service. 0 = No submission or unacceptable proof	20
Prove current local manufacturing status	Suitable proof of business registration clearly stating core business.	21 = Proof of local manufacturing status. 0 = No submission or unacceptable proof	21
Proof of supply to OEMs in the last 5 years	OEM certification of supplying locally produced batteries to them or any other reference document acceptable to ERI	20 = Reference letter submitted with proof of OEM supply. 0 = No submission or unacceptable proof	20
Environmental ISO 14001 certification Quality ISO 9001 certification Safety ISO 45001 certification	Current 14001, 9001, 45001 certifications	30 = All three Certificates submitted.	29
		0 = No or insufficient certificates submitted.	
Battery weights supplied	Suitable proof of battery weight by means of specification or other documentation acceptable to ERI.	10 = Valid proof of specification submitted	10
		0 = No proof or specification documentation submitted.	

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Total Weighted Score	100
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Overall minimum threshold for qualification (81%)**Table 1**

Commercial Vehicle Battery list													
Type	Cn (Ah)	Reserve Capacity (Min)	IEC/EN CCA(A)	Length mm	Width mm	Height mm	Weight Kg	Price Excl VAT (Rand) including Scrap surcharge	Price Excl VAT (Rand) excluding Scrap surcharge	Hold down	Terminal	Layout	Locally Manufactured Y / N
674C	96	180	770	346	174	226				BO	STD	0	
682C	120	225	840	513	188	221				BO	STD	4	
683C	120	225	840	513	188	221				BO	STD	3	
685C	118	200	820	513	188	209				BO	STD	3	
686C	14	256	950	513	188	221				BO	STD	3	

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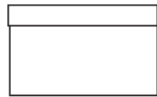
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688C	200	350	1340	513	276	241				BO	STD	4	
689C	143	256	950	514	220	221				BO	STD	3	
690C	143	256	950	514	220	221				BO	STD	4	
690CP	160	275	1040	514	220	221				BO	STD	4	
692C	160	275	1040	514	220	221				BO	STD	3	
695CZ	203	400	1350	513	276	241				BO	STD	3	
696C	180	305	1250	514	220	221				BO	STD	3	
696CZ	180	305	1180	514	220	221				BO	STD	3	
698CZ	180	305	1180	514	220	221				BO	STD	4	
SMF100	102	180	710	328	171	239				BO	STUD	CENTRE	
SMF101	102	180	710	328	171	241				BO	STD	CENTRE	

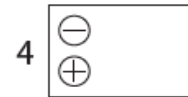
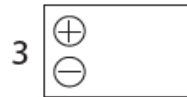
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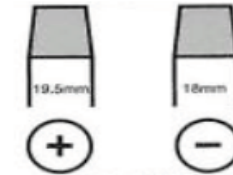
No bottom hold downs



Centre



Layout



Standard taper
(STD)

Table 2

Automotive battery list								
Type	Cold Cranking	Length	Width	Height	Weight	Price Excl VAT Including Surcharge	Price Excl VAT. Excluding Surcharge	Locally Manufactured

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	Is	mm	mm	mm	Kg	Rand	Rand	Y / N
NG28E	0	245	175	175				
NG52	0	276	175	190				
NG17E	0	207	175	175				
NG19E	0	207	175	175				
658C	845	352	175	190				
SMF100	710	328	171	241				
SMF101	710	328	171	241				
619CEB	230	207	175	175				
RR0B	190	241	173	200				
615C	259	187	127	224				
616C	259	187	127	224				
616CS	259	187	127	224				
628CEB	320	242	175	175				
612S	0	207	175	190				
630C	296	241	135	204				
631C	296	241	135	204				
619C	230	207	175	175				
636C	295	218	135	204				
617CE	230	207	175	175				
619CE	325	207	175	175				
634C	368	218	135	204				

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612CE	348	207	175	190				
636CS	368	219	135	205				
612	348	207	175	190				
631P	368	241	135	204				
634S	215	218	135	204				
NX100S6	430	238	129	225				
NX100S6L	430	238	129	225				
NX100S6LS	430	238	129	225				
NX100S6S	430	238	129	225				
612D	240	207	175	190				
626CE	416	242	175	175				
635C	260	242	175	175				
628CE	416	242	175	175				
612PE	397	207	175	190				
628CSE	0	242	175	175				
628E	425	242	175	175				
635CE	0	245	175	175				
612PPD	0	207	175	190				
647C	416	290	175	175				
643S	496	242	175	190				
646DS	320	242	175	190				
638CNIS	285	241	173	215				
641	496	247	175	190				

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646	496	242	175	190				
646SE	496	247	175	190				
651CS	0	276	175	175				
646E	496	242	175	190				
646PD	300	242	175	190				
640CE	448	242	175	190				
641C	280	242	175	190				
643C	280	242	175	190				
646C	280	242	175	190				
646D	280	242	175	190				
646CE	448	242	175	190				
643	496	242	175	190				
651C	509	276	175	175				
651	555	276	175	175				
657CS	0	276	175	190				
652C	496	276	175	190				
SMF75	710	231	179	205				
657C	496	276	175	190				
651CP	555	276	175	175				
652D	400	276	175	190				
652DS	595	276	175	190				
657NIS	595	276	175	190				
652AGM	760	276	175	190				

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657	595	276	175	190				
652PDS	430	276	175	190				
652PD	420	276	175	190				
662P	645	276	175	190				
652CP	544	276	175	190				
652PPS	696	276	175	190				
652PS	645	276	175	190				
662PS	645	276	175	190				
662PPS	696	276	175	190				
659PP	740	314	175	175				
654C	740	352	175	175				
668D	696	315	175	190				
668DS	440	315	175	190				
668AGM	800	314	175	190				
SMF68	690	315	175	175				
SMF39	680	260	175	222				
669P	744	314	175	190				
668P	744	314	175	190				
669PS	744	314	175	190				
663C	490	352	175	190				
663DS	792	352	175	190				
668PP	792	314	175	190				
650CR	750	302	175	225				

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650C	750	302	175	225				
658AGM	900	352	175	190				

	SCOPE OF WORK	Bulk Material Services
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