

Title: **New Automotive Batteries**

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Date: ...19 Apr 23.....

## 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** for a period of 3 years.

### 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.
- 4.1.6 Battery weight in kilograms to be reflected in Table 1.
- 4.1.7 Remove old scrap batteries at the request of ERI and compensate accordingly as per table 1.
- 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 (%)
<b>Technical compliance</b>			
Proven track record of successful provision of required service	Trade letter or purchase order from client where similar work has been conducted in supplying batteries for earthmoving equipment.(more than 2 years in service)	30 = Reference letter/PO submitted where similar work has been conducted(more than 2 years in service) 0 = No submission or unacceptable proof	30
Recycling of old batteries or scrapped batteries	Proof of recycling service(certificate)	20= Submit proof of recycling certificate 0= No proof of recycle certificate	20
<b>Technical Skills, Capability and Resources</b>			
Experience of key personnel (Driver/technician)	Curriculum vitae (cv), training and Trade Test certificates of Technician and driver indicating relevant work and years of experience on working with batteries	20 = CV and certificates submitted with more than 5 years of service 0 = CV not submitted / non-compliant	20
Environmental ISO 14001 certification Quality ISO 9001 certification Safety ISO 45001 certification	Current ISO14001, 9001, 45001 certifications	20 = All three Certificates submitted.	20
		0 = No or insufficient certificates submitted.	

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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.	

**Overall minimum threshold for qualification (70%)**

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**Table 1**

Item	Description of machines	Machine Qty	Battery Specifications	Estimated RTS Batteries consumption per annum	Estimated Batteries consumption per annum (Year 2)	Estimated Batteries consumption per annum (Year 3)	Price per battery type	Price Excl VAT Including Surcharge	Price Excl VAT. Excluding Surcharge	Locally Manufactured
1	ADT	37	674	24	19	19				
2	BD	43	689	28	22	22				
3	EX	29	689	19	15	15				
4	FEL	53	689	35	27	27				
5	MG	27	689	18	14	14				
6	RCS	5	674	3	3	3				
7	SDR	25	683	17	13	13				
8	STRU	2	674	1	1	1				
9	TLB	12	674	8	6	6				

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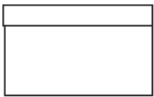
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10	TT	5	689	3	3	3				
11	TP	36	689	24	18	18				
12	WT	51	689	34	26	26				

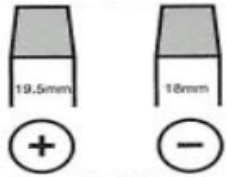


B0

No bottom hold downs




Layout



Standard taper  
(STD)



	<b>SCOPE OF WORK</b>	<b>Bulk Material Services</b>
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