PART A REQUEST FOR INFORMATION (RFI)			
Description of the works/services	**Propose a design, manufacturing, and supply of spares for the Electric Feed Main and Booster Pumps at Matimba Power Station.**		
Deadline for submission	**18 September 2025** **28 days after publication.**	**At (South African Standard Time)**	**10:00**
Tender Office address	**Tenders are uploaded via Eskom Tender bulletin site on the Eskom E-tendering page.**		
RFI are to be submitted electronically via Eskom E- tendering site by the stipulated closing date and time. ***Please note it is the responsibility of the supplier to ensure that EOI/RFI submission is submitted before the closing date and time***	**Open Tenders/ RFI's are uploaded and published on Eskom Tender Bulletin.**		
Electronic Submission of RFI	The tenderer must upload the tender via Eskom Tender bulletin site on the Eskom E- tendering page. All documents need to be submitted in a PDF and Excel format (The upload size per document is 500 megabytes and total submission is restricted to 4 gigabyte). No Zip/condense files can be uploaded No hard copy will be accepted If for some reason you resubmit your RFI, then the latest version of the RFI submitted will only be accepted and all previous submission/s will be null and void. Please ensure that the submission status is indicated as complete. Supplier Help Manual guide and video can be found on Eskom E-Tendering page		
E-tendering Help Manual for supplier	See attachment.		

Eskom Holdings SOC Ltd ("Eskom") invites you to submit an:

- **Request for information (RFI)** to submit information for the works/services as stated in the table. This RFI is a stand-alone information-gathering and market-testing exercise, intended only to inform and assist Eskom's further deliberation and development of a strategy for the [Drafting note: insert name of project]. Eskom may request indicative prices if so stated in this RFI.

Eskom has delegated the responsibility for this **RFI** to the signatory of this document, whose details can be found below.

We look forward to receipt of your response.

Yours faithfully

Name	Designation	Signature	Date
Buyile Khoza	**Procurement Officer**		20/08/2025
Telephone number	**014 763 8256**	**e-mail address**	khozaby@eskom.co.za

PART B RESPONSE SHEET IN TERMS OF A REQUEST FOR AN EXPRESSION OF INTEREST/ REQUEST FOR INFORMATION To be completed by the supplier			
To	Eskom Holdings SOC Ltd	**Date**	
Attention			
Tel no		**Fax no and /or e-mail address**	
From		**Address**	
Address			
Sender			
Description of the works/services			

Please find below our response to Eskom's questions:

No.	Question	Please indicate your response in this column
1.	**Your contact's name and contact details**	
2.	**Company registration number**	
3.	**Brief description of previous experience and Description of the solution that you can offer**	
4.	**Indicative prices (optional and only for use of RFI's)**	
5.	**Returnables for RFI**	
6.	**Additional Comments / Questions**	

INTENT FOR RFI

The intent of this RFI is strictly an information gathering and market testing exercise.

METHOD OF DELIVERY

The information can be delivered electronically as per Tender Office requirements.

FORMAT OF SUBMISSION

The information can be provided electronically.

IMPORTANT NOTES

1. Due to the specific need that this RFI process must fulfil, Eskom wishes to clarify that this invitation is not intended to impede, amend , or replace any current or future procurement process that Eskom has engaged in or will engage in.

2. Eskom reserves the right, in its sole discretion, at any stage and without notice to terminate further participation in the process by any Party, to select or disqualify any interested participant from further engagement, to amend and/or terminate this RFI process or any future process pursuant to this process.

3. This RFI is a stand-alone information gathering and market testing exercise, intended to only inform and assist Eskom's plans in pursuing solutions to the current issues experienced on Electric Feed Pumps at Matimba Power Station.

4. Any and/or all information submitted by any and/or all responders may be used without the necessity of acknowledging the source, and without such entity gaining any rights in respect of such a solution, including but not limited to any intellectual property rights.

5. No portion of any of the information submitted will be treated as confidential and respondents should **NOT** submit sensitive or confidential information.

6. Any information provided pursuant to this RFI process, and any subsequent processes and/or engagement is not confidential. Through making a submission a respondent accepts the terms and conditions which govern this process.

7. All participants to this RFI need to ensure that they have received all information and remain solely responsible for satisfying themselves as to the information required in responding hereto and are fully responsible for all costs incurred in relation hereto and under no circumstances will any resultant cost be borne by Eskom.

8. Where any information or clarification is required , please do not hesitate to contact Buyile Khoza on email : KhozaBY@eskom.co.za . Contacting the system engineer is not allowed as all communication must go through the Procurement Practitioner.

INTRODUCTION

Matimba Electric Feed Pumps are of a Howden Weir design, these types of pumps were installed on two stations across the fleet of Eskom coal fired power stations. Matimba Power Station has been utilising these make pumps since the station was commissioned between 1988 and 1993.

The Electric Feed Pumps at Matimba Power Station are expected to run for a predetermined period before the pumps must be overhauled. The overhauling of the pumps requires that components on the pumps be changed or be refurbished back to design specifications. Matimba Power Station is currently facing a challenge with acquiring the spares for the electric feed pumps as they are not locally available and they currently having long lead delivery times. Matimba Power Station requires a local solution to ensure availability of spares and plant for a more reliable feedwater system.

SUPPORTING CLAUSES

SCOPE

To test the market requesting information on how to partner with Eskom Holdings to propose a design, manufacturing, and supply of spares for the Electric Feed Pumps at Matimba Power Station.

To avoid irregularities on patented technologies and intellectual properties associated with Feedwater Pumps, the supplier must have OEM/s distribution rights as the designer and distributor of spares and Materials for the Electric Feed Pumps.

PURPOSE

This document entails the technical background and the technical requirements to aid the suppliers in their proposal for the required solution. This RFI is intended to receive feedback from all interested suppliers as per Scope of Work to determine how many possible suppliers exist that can deliver the required solutions for the spares required on the Matimba Power Station Electric Feed Pumps.

DEFINATIONS

- OEM – Original Equipment Manufacture of the Electric Feedwater Pumps at Matimba Power Station.

ABBREVATIONS

EFP	Electric Feed Pump
RH	Right Hand
LH	Left Hand
DE	Drive End
NDE	Non-Drive End
NDT	Non-Destructive Testing
OEM	Original Equipment Manufacturer

DISCLOSURE CLASSIFICATION

Controlled disclosure : controlled disclosure to external parties (either enforced by law, or discretionary)

THE WORKS BACKGROUND

As outlined in the introduction, a solution is required that will be implemented to ensure a reliable design, manufacturing and supply of spares for the Electric Feed Pumps at Matimba Power Station.

THE EXISTING SYSTEM

Matimba Power Station has six units, with each unit having its own Feedwater system. The Feedwater system is provided with three 50% duty EFP's which are arranged at the zero (0)m level. The pump set consists of two stages, a Weir type FB 1D 67 single stage horizontal centrifugal booster stage pump and Wier type FK 3C 44 three stage horizontal centrifugal pressure stage pump. The booster and pressure stage pumps are pedestal mounted on separate fabricated baseplates.

The pressure stage pump is directly drive by a variable speed motor through a flexible spacer coupling, with the coupling enclosed in a split guard. The booster pump is driven on the other end of the motor shaft through a speed reduction gearbox.

EXISTING SYSTEM:

Pressure Stage (Main) Pump

The Weir type FK 3C 44 pressure stage pump is of the horizontal three stage centrifugal, barrel casing design, which permits the removal of the pump internals as a single unit without disturbing the suction and discharge pipework and the alignment of the pump and motor. The pump casing is closed at the DE by the suction guide and at the NDE by oil lubricated journal bearings contained in housings secured to the end covers.

Pressure Stage (Main) Pump Technical Data

Manufacturer	: Wier Pumps Ltd
Type	: Barrel casing
Frame size	: FK 3C 44
Fluid pumped	: Feed water
Number of stages	: 3

Pressure Stage Pump Duty

Suction temperature (deg C)	: 169.3
Flow rate (m3/h)	: 0.3174
Head generated(m)	: 2251.9 (normal)
Efficiency (%)	: 80.14
Power absorbed at duty (kW)	: 7784.2
Pump speed (rpm)	: 5387 (norm) and 6000 (max)
Pump rotation (from DE side)	: Counter-clockwise

Booster Stage Pump

The Weir type FB 1D 67 booster pump is of the horizontal single stage centrifugal, barrel casing design, having a double entry impeller and a casing supported on its centerline to allow for free expansion both axially and radially whilst maintaining alignment. The pump is capable of being disassembled in-situ without dismantling the suction and discharge piping.

Booster Stage Pump Technical Data

Manufacturer	: Wier Pumps Ltd
Type	: Barrel casing
Frame size	: FB 1D 67
Fluid pumped	: Feed water
Number of stages	: 1

Booster Pump Duty

Suction temperature (deg C) : 169.3
Flow rate (m3/h) : 0.3174
Head generated(m) : 120.15 (normal)
Efficiency (%) : 84.3
Power absorbed at duty (kW) : 398.4
Pump speed (rpm) : 1329 (norm) and 1480 (max)
Pump rotation (from DE side) : Clockwise

Design Requirements

The Contractor is requested to do a detailed concept design to meet the design requirements as se out above, additional information can be obtained on request. The Contractor is also encouraged to visit Matimba Power Station where the Electric Feed Pumps are available for the purposes of further clarification.

Yours faithfully

Name	Designation	Signature	Date
DH Makamu	(Procurement Manager)		2025.08.21
Telephone number		**e-mail address**	