	Expression of Interest (EOI)	Template Identifier	240-72663051	Rev	1
		Document Identifier	N/A	Rev	N/A
		Effective Date	01 August 2016		
		Review Date	September 2022		
		EOI/RFI No.	LPEOI0001GX		

PART A REQUEST FOR AN EXPRESSION OF INTEREST (EOI)			
Description of the works/goods/services	The Refurbishment and Maintenance of the Turbine Steam Traps		
Deadline for submission	17 October 2022	At (South African Standard Time)	14:00
Tender Office address	THE TENDER OFFICE MAIN SECURITY GATE, THE TENDER BOX MATIMBA POWER STATION NELSON MANDELA DRIVE LEPHALALE 0555		


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

- **Expression of interest (EOI)** to indicate your interest in the works/goods/services as stated in the table above; OR

Eskom has delegated the responsibility for this EOI 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
Mpho Motshegoa	Senior Advisor Procurement		2022.09.22
Telephone number	014 763 8538	Fax and/or e-mail address	motshemj@eskom.co.za

Confidential

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	Expression of Interest (EOI)	Template Identifier	240-72663051	Rev	1
		Document Identifier	N/A	Rev	N/A
		Effective Date	01 August 2016		
		Review Date	September 2022		
		EOI/RFI No.	LPEOI0001GX		

PART B
RESPONSE SHEET IN TERMS OF A REQUEST FOR AN EXPRESSION OF INTEREST

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/goods/services			


Please find below our response to Eskom's questions:

No.	Question	Please indicate your response in this column
1.	<i>Your contact name and contact details</i>	
2.	<i>Company registration number</i>	
	<i>Technical capacity (CVs and Qualifications)</i>	
3.	<i>Description of previous experience with refurbishment and maintenance steam traps , as well as solutions offered</i>	
4	<i>Do you have Hydraulic testing capability</i>	
	<i>Average lead-time on the refurbishment of steam traps</i>	
4.	<i>Submit references of scope similar to current requirements</i>	
5.	<i>Detailed activity breakdown provided as to how the works are to be executed.</i>	

Confidential

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	Expression of Interest (EOI)	Template Identifier	240-72663051	Rev	1
		Document Identifier	N/A	Rev	N/A
		Effective Date	01 August 2016		
		Review Date	September 2022		
		EOI/RFI No.	LPEOI0001GX		

6	Detailed Quality Control Plans	
---	---------------------------------------	--

INTENT OF THIS EOI

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

METHOD OF DELIVERY

This EOI forms part of the formal Eskom tender process and as such must be submitted in the Tender Office address as per above.

FORMAT OF SUBMISSION

The information must be provided as a hard copy document.


IMPORTANT NOTES

1. Due to the specific need that this EOI process has to 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 absolute 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 EOI process or any future process pursuant to this process.
3. This EOI is a stand-alone information-gathering and market-testing exercise, intended only to inform and assist Eskom's plans in pursuing solutions to the current issues experienced on the Steam traps at Matimba.
4. Any and/or all information submitted by any and/or all respondents 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 EOI process and any subsequent processes and/or engagement is not confidential. Through making a submission a respondent accept the terms and conditions which governs this process.
7. All participants responding to this EOI process 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 send an email to **Mpho Motshegoa** at MotsheMJ@eskom.co.za. Contacting the system engineer is not allowed as all communication must go through the buyer.

Confidential

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	Expression of Interest (EOI)	Template Identifier	240-72663051	Rev	1
		Document Identifier	N/A	Rev	N/A
		Effective Date	01 August 2016		
		Review Date	September 2022		
		EOI/RFI No.	LPEOI0001GX		

1 BACKGROUND

Matimba turbine drain valves are equipped with steam traps. The steam trap is an automatic valve that holds the steam at the load until it gives up its heat energy and condenses to water (condensate). The steam condenses to water when the steam trap allows only the condensate to pass, thereby contributing to the plant's efficiency and preventing water hammering. The steam trap is an integral part of the turbine plant and consists of many dynamic parts, which all need to work together to ensure successful operation.

2. SCOPE


The scope of work is for comprehensive maintenance and refurbishment of the turbine steam traps, including regular and periodic inspections. The following scope of work is carried out during outages: (please refer to figure 1 for identification of components)

- i. Unscrew the cover bolts(4.4) and remove the cover(3)
- ii. Unscrew the bimetallic regulator(2) and take off the strainer(4.3)
- iii. Clean and inspect the body(1) and the cover(3), and reserve them safely for reassembly
- iv. Inspect, recondition and test the steam trap regulator at the contractor's workshop. The refurbishment of the regulator will include the measurement and cleaning of the bimetallic plates. The steam trap seat and disc shall be inspected and leak tested and lapped if necessary. The regulator will be pressure tested and adjusted according to the operating pressure. Replacement of defective and suspect parts shall be discussed with the employer for approval.
- v. The contractor shall deliver back to Matimba the reconditioned regulators.
- vi. Prior to reassembling the gasket (4.2) shall be renewed and the sealing surfaces of the body (1) and the metal-to-metal seal cleaned.
- vii. Replace the strainer (4.3).
- viii. Apply heat resistant lubricant to the thread of the bolts. Insert bolts (4.4) and screw on the nuts (4.5) in diagonally opposite pairs.

Confidential

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.

	Expression of Interest (EOI)	Template Identifier	240-72663051	Rev	1
		Document Identifier	N/A	Rev	N/A
		Effective Date	01 August 2016		
		Review Date	September 2022		
		EOI/RFI No.	LPEOI0001GX		

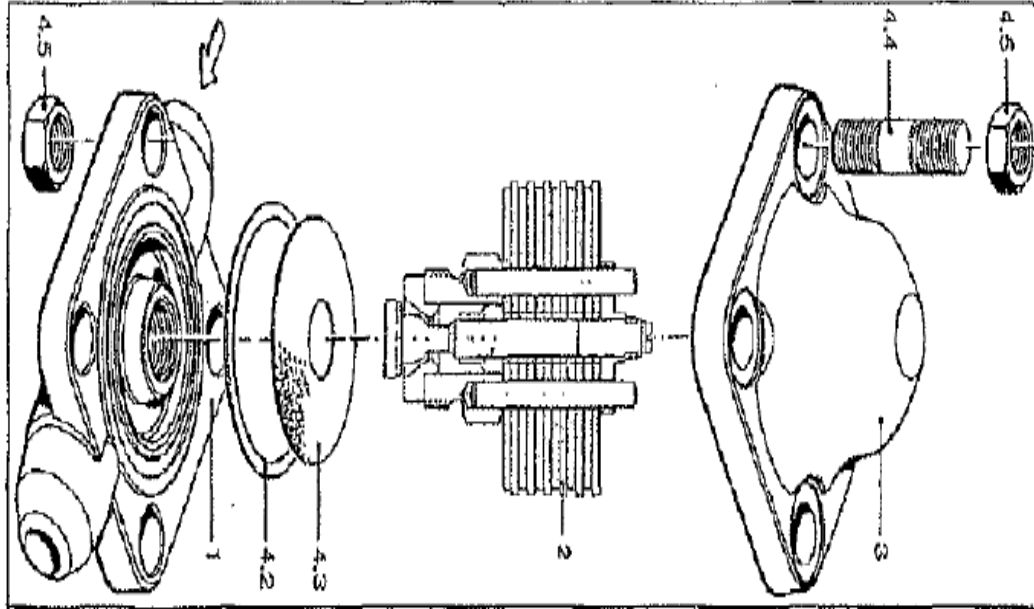


Figure 1: BK 29 steam trap, housing and internals

3. SUBMISSION FOR THIS EOI

The Supplier shall provide the following information as part of this EOI:

- Technical capacity (CVs and Qualifications)
- Description of previous experience with refurbishment and maintenance steam traps , as well as solutions offered
- Submit references of scope similar to current requirements
- Detailed activity breakdown provided as to how the works are to be executed.
- Detailed Quality Control Plans

Yours faithfully

Name	Designation	Signature	Date
Telephone number		Fax and/or e-mail address	

Confidential

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30.