	<b>Expression of Interest (EOI)/ Request for Information (RFI)</b>	<b>Template Identifier</b>	240-72663051	<b>Rev</b>	1
		<b>Document Identifier</b>	N/A	<b>Rev</b>	N/A
		<b>Effective Date</b>	01 August 2016		
		<b>Review Date</b>	September 2022		
		<b>RFI No.</b>	MWP1403CX		

<b>PART A REQUEST FOR INFORMATION(RFI)</b>			
<b>Description of the goods</b>	Request for Information for Multigas Online Dissolved Gas Analysers (DGA) for application on Power Transformers across Eskom Divisions		
<b>Deadline for submission</b>	18 July 2022	<b>At (South African Standard Time)</b>	10h00
<b>Tender Office address</b>	Retail Centre Megawatt Park 1 Maxwell Drive Sunninghill 2000		


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

- **Request for Information (RFI)** to submit information for the works/goods/services as stated on Table A below. 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 Multigas Online Dissolved Gas Analysers (DGA) for application on Power Transformers across Eskom Divisions. 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

<b>Name</b>	<b>Designation</b>	<b>Signature</b>	<b>Date</b>
Damela Mathetja	Procurement Manager		01 Jun 2022
<b>Telephone number</b>	011 800 5611	<b>Fax and/or e-mail address</b>	MathetD@eskom.co.za

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## 1. Background Information

Majority of Eskom power transformers are immersed in mineral oil. The oil is used for insulation and cooling, but can also be used for condition monitoring. Manual oil sampling for condition assessment is utilised across the industry, but online dissolved gas analysers (DGA) provide early fault detection and alarming.

## 2. Objective of the Multigas Online Dissolved Gas Analysers

- To discover cost effective DGA systems with less maintenance and to be able to compare how the systems in the market compare to the ones Eskom is already using.
- To discover how the technology improvements.

## 3. Benefits to Eskom

- More frequent sampling on condition assessment
- Early warning indicator for fault condition
- Onsite storage of transformer gassing tendencies
- Reduction of human errors on sampling

## 4. Method and Place of Delivery

All the responses must be sealed and be delivered at the tender box located at the following address:

**THE TENDER OFFICE**  
**Eskom Megawatt Park Tender office**  
**Northside (Retail Centre)**  
**Maxwell Drive**  
**Sunninghill**


**All RFI responses must be clearly marked: “MWP1403CX Request for Information on Multigas Online Dissolved Gas Analysers”**

The RFI respondent must submit one (1) complete original RFI, plus one (1) hard copy of the original RFI at RFI closing date.

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<b>PART B</b> <b>RESPONSE SHEET IN TERMS OF A REQUEST FOR AN EXPRESSION OF INTEREST /REQUEST FOR INFORMATION</b> <b>To be completed by the supplier</b>			
<b>To</b>	Eskom Holdings SOC Ltd	<b>Date</b>	
<b>Attention</b>	Zekhaya Nzima		
<b>Tel no</b>	011 516 7042	<b>Fax no and /or e-mail address</b>	NzimaZZ@eskom.co.za
<b>From</b>		<b>Address</b>	
<b>Address</b>			
<b>Sender</b>			
<b>Description of the works/goods/services</b>			

Please find below our response to Eskom's questions:


**Table A:**

No.	Question	Please indicate your response in this column
1.	Contact name and contact details	
2.	Company name and registration number	
3.	THE SUBMISSION SHOULD ADDRESS THE FOLLOWING REGARDING THE TECHNOLOGY:	
3.1	Name of Original Equipment Manufacturer (OEM)	
3.2	Name of Country of Origin	
3.3	Name of Local Agent/Supplier in South Africa	
3.4	Product Name	

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<b>3.5</b>	<b>Product Description</b>	
<b>3.6</b>	<b>Product Specifications</b>	
<b>3.7</b>	<b>List and number of gases monitored</b>	
<b>3.8</b>	<b>Gas Detection Technique</b>	
<b>3.9</b>	<b>Communication protocol</b>	
<b>3.10</b>	<b>Years on the Market</b>	
<b>3.11</b>	<b>Expected Life Cycle Interventions and Associated Life Cycle Costs</b>	
<b>3.12</b>	<b>Calibration Requirements and Frequency (Local or international)</b>	
<b>3.13</b>	<b>Maintenance Requirements (Local or International)</b>	
<b>3.14</b>	<b>Repair Requirements (Local or International)</b>	
<b>3.15</b>	<b>Spares Availability (Local or International)</b>	
<b>3.16</b>	<b>Support (Local or International)</b>	
<b>3.17</b>	<b>User Training (Local or International)</b>	
<b>3.18</b>	<b>Local and International Usage of the equipment - Describe local and worldwide usage by country, utility/company name, period used</b>	
<b>3.19</b>	<b>Case Studies/Reports/Literature/Publications Based on Product Experience/Usage</b>	
<b>3.20</b>	<b>Applicable standards of the technology</b>	
<b>3.21</b>	<b>Cost of the equipment</b>	


Yours faithfully

<b>Name</b>	<b>Designation</b>	<b>Signature</b>	<b>Date</b>

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<b>Telephone number</b>		<b>Fax and/or e-mail address</b>	
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