

	Request for Information (RFI) Template	Document Identifier	240-72663051	Rev	1
		Effective Date	October 2022		
		Review Date	October 2027		
		RFI Number	MWP2443TX		

PART A

REQUEST FOR INFORMATION (RFI) – MWP2443TX

Description of the goods	Request for Information for the Supply, Delivery, Off-Loading of SF6 (Sulphur Hexafluoride) Gas and Rental of Gas Cylinders for Transmission Division		
Deadline for submission	07 March 2024	At (South African Standard Time)	10h00 SAST (GMT+2)
Tender Office address	The Tender Office Megawatt Park Tender Office - Northside No. 01 Maxwell Drive Sunninghill Gauteng		

Eskom Holdings SOC Ltd (“Eskom”) invites you to submit a:

Request for Information (RFI) to submit information for the goods as stated in the table 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 Establishment of a National Contract of the Supply, Delivery, Off-loading of SF6 Gas and Rental of Gas Cylinders for Transmission Division. Eskom requests Commercial Information separately in the title Commercial Folder.

We have shared the technical standards for the full reference of what is required from the short description as contained in the table below.

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
Didimalang Motsemme	Senior Advisor: Procurement		20 February 2024
Telephone number	011 800 5081	Fax and/or e-mail address	MotsemD@eskom.co.za

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PART B

RESPONSE SHEET IN TERMS OF A REQUEST FOR INFORMATION

To be completed by the supplier

To	Eskom Holdings SOC Ltd.	Date	<i>[insert today's date]</i>
Attention	Didimalang Motsemme		
Tel no	<i>[insert your tel number]</i>	Fax no and /or e-mail address	<i>[insert your fax number and/or e-mail address]</i>
From	<i>[insert the registered full legal name of the company]</i>	Address	<i>[insert the business address of the company]</i>
Address	<i>insert the physical address of the company]</i>		
Sender	<i>[insert the full name of the sender at the company]</i>		
Description of the goods	<i>[insert a description of the works as per part A]</i>		

Please find below our response to Eskom's questions:

No.	Question	Please indicate your response in this column
1.	<i>[Your contact's name and contact details]</i>	
2.	<i>[Company registration number]</i>	
3.	<i>[Brief description of previous experience and Description of the solution that you can offer]</i>	
4.	Is your company a manufacturer or distributor?	
5.	If your company is a manufacturer, please indicate in which country the manufacturing takes place.	
6.	If your company is a distributor, please indicate from which country you source these goods.	
7.	List of your customers in the past ten (10) years	
8.	Number of SF6 gas supplied as per shopping list provided across all customers for the past ten (10) years	

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9.	Is your offered SF6 gas as per the shopping list in accordance with the Eskom Standards requirements?	
10.	Annexure D CPA Requirements for Local Goods and Services (South Africa)	
11.	Annexure E CPA (IG) Requirements for Foreign Goods and Services Please select and provide CPA formula and payment method of preference as in the Annexure E.	
12.	Please state if the SF6 Gas commodity is volatile / not volatile to the market price?	
13.	Propose contract duration (provide reasons for your selection)	
13.1	Once-off purchase?	
13.2	One-year contract period?	
13.3	Two-year contract period?	
13.4	Five-year contract period?	
13.5	Establish a Panel Contract for a specific period with the secondary procurement process entailing the issuing of Request for Quotation (RFQ) to suppliers on the panel for prices whenever there are requirements	
14.	Please provide separate NEC deviation (if any)	
15.	Technical	
15.1	SF6 gas cylinders design, manufacturing, and testing	Confirmed (Y/N) or Comment
a)	The SF6 gas cylinders require hydrostatic testing (hydraulic burst test) every ten (10) years. The supplier shall provide Eskom the copy of the valid test Certificate of hydrostatic testing (hydraulic burst test). The Certificate shall be in an acceptable form similar to Annex D of SANS / ISO 9809 Standard [8],[9].	
b)	Very important: Eskom shall accept cylinders that have a legible hydrostatic test date stamped on	

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	them and that gas shall be accepted in cylinders that have at the minimum 3 years remaining before next hydrostatic test due date.	
15.2	SF6 gas cylinder rentals	Confirmed (Y/N) or Comment
a)	Is the bottle rental offered as an option? Indication of price is to be provided as per the estimated quantity below and on the second delivery, the empty cylinders is to be removed and returned to the supplier on the offloading of a repeat delivery.	
b)	Do you have capacity and capability to supply the SF6 gas across all provinces of the country?	
15.3	Valves and fittings	Confirmed (Y/N) or Comment
a)	Each cylinder shall be equipped with a one-way type of shutoff valve which ensures the contents may only be extracted by the user.	
b)	The shutoff valve outlet shall be in accordance with SANS 10019 (Table 9-line item 25; Table 10 namely non-flammable gas) [4] which is to [7] British Standard BS341-3, valve no. 6. It is a 5/8" BSP RH External thread that accepts a fitting having a flat seal and gasket.	
c)	No deviations from point (b) above will be considered and therefore no adapters will be accepted to accommodate a different valve type.	
15.4	Cylinder – Type, colour and marking.	Confirmed (Y/N) or Comment
a)	SF6 gas shall be supplied in Class 1 steel cylinders, seamless metallic type in accordance with [4] SANS 10019 standard.	
c)	Screw on cap is to be provided with each bottle as the ring type possess safety hazard due to fingers get caught between ring and valve when bottles are being rolled vertically to move them.	
d)	There is no preference to the colour of the bottle The marking of SF6 Gas cylinders (Class 1 category) shall be according to its contents, (Marked as Sulphur Hexafluoride) vertical along the length of the bottle in black letters of at least 75mm in height.	
e)	Cylinder stampings shall comply with the requirements of an approved manufacturing standard according to the requirements of SANS	

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	10019 standard. (Bottle weight, last Hydrostatic test date)	
f)	The name of the supplier is to be added to the bottle in painted, stamped format but not by paste on sticker format.	
15.5	Gas Purity	Confirmed (Y/N) or Comment
a)	The required purity of new SF6 to be used in SF6 insulated equipment is detailed in the latest edition of IEC 60376 standard.	
b)	<p>The process must be made known to the client, which process was followed by the supplier to supply the gas to the end user. (Were the bottles filled by the supplier from a bulk supply or was this bottle prefilled before the supplier obtained it).</p> <p>In both cases, a bottle certificate verifying the quality of the gas is to be supplied by the OEM with each bottle. Certificate is to correlate with the specific cylinder with the bottle serial number as reference. If at any time, the client verifies that the gas supplied does not adhere to the required specification as set by IEC, the supplier is to be held responsible.</p>	
15.6	General Requirement	Confirmed (Y/N) or Comment
a)	SF6 is to be supplied in Class 1 standard type gas cylinders in which the SF6 is stored in liquid form under its own vapour pressure when the cylinder is fully charged. (SANS 10019-2023 Table 4 Page 21 Nr 53. Minimum Class 3 highest specified by Eskom Class 1)	
b)	The SF6 capacity of each cylinder shall be either 50 (+/- 3) kilograms or 20 kg (+/- 2) kilograms according to the purchasing requirement Bill of Material.	

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The estimated quantities are listed below:

Cylinder Size (kg)	Estimated Forecast	Unit Cost
10	270	
20	250	
50	865	
Total	1 385	

Yours faithfully

Name	Designation	Signature	Date
<i>[insert your full name/s]</i>	<i>[Insert your full designation]</i>		
Telephone number		Fax and/or e-mail address	

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