	Request for Information (RFI) for Composite Insulators	Document Identifier	240-72663051	Rev	1
		Effective Date	October 2022		
		Review Date	October 2027		
		RFI Number	MWP1896TX		

PART A REQUEST FOR INFORMATION (RFI)			
Description of the works/goods/services	Request for information for the design, manufacture, testing and supply of composite (Long rod and Line post) insulators to Eskom.		
Deadline for submission	03 April 2023	At (South African Standard Time)	10h00 (SAST)
Tender Office address	Tender Advice Centre (Retail Centre) Eskom Megawatt Park 1 Maxwell Drive Sunninghill 2157		


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

- **Request for information (RFI)** to submit information for the goods 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 the design, manufacture, testing and supply of composite (Long rod and Line post) insulators.

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
Yurisha Pillay	Senior Advisor: Procurement		16 March 2023
Telephone number	072 254 4689	e-mail address	yurisha.reddy@eskom.co.za

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		Effective Date	October 2022		
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ANNEXURE A - ACKNOWLEDGEMENT FORM

TO: **ESKOM Holdings SOC Limited** FROM _____
Megawatt Park _____
Maxwell Drive, Sandton _____
Attention **Yurisha Pillay** Sender _____
Fax No. **086 663 3543** Fax No. _____

REQUEST FOR INFORMATION: MWP1896TX

REQUEST FOR INFORMATION (RFI) REGARDING COMPOSITE INSULATORS

We are in receipt of Eskom Holdings SOC Limited's letter dated 16 March 2023.

Please find attached our response to the information requested in Annexure B

We confirm the following (please mark the appropriate response):

No	Statement	Yes	No	Comments
1	We are interested in submitting a response in terms of Eskom's RFI process requirements			
2	We have noted the deadline for the RFI submission			
3	We intend to submit the information in the name of the organisation stated above			
4	We would like to receive all further information and correspondence at our e-mail address as above			
5	We have read and understood all the "important notes" above, particularly with regard to non-confidentiality of information submitted as part of a response to this RFI.			


We accept the terms and conditions which govern this process.

Yours faithfully

For the Respondent

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1. BACKGROUND

The composite insulator types used in ESKOM include longrod and line post type insulators. These are the major categories of composite insulators on our Transmission lines.

2. SCOPE OF WORK

The ESKOM requirements for the mentioned insulator types will be provided with this RFI. The insulators are to be used in the Eskom transmission network for voltages 132kV and above. The technical requisites pertaining to the required products have been long standing in ESKOM, albeit some minor changes. Nonetheless, the respondent needs to reply as completely as possible to all the requirements, especially technical, to allow a sufficient assessment of offered products suitability. No points will be allocated for different criteria or form part of the assessment. However, the appropriateness of offered products will inform Eskom for the forthcoming competitive bid process.

Information is requested for following products:

A. Transmission Long Rod Composite Insulators (ESKOM STANDARDS:Error! Reference source not found.

SAP No.	Item Description
0216689	INSUL,L/ROD 132kV 120kN COR 20 COMPD7014
0216690	INSUL,L/ROD 132kV 120kN COR 31 COMPD7014
0611240	INSUL:L/ROD;LG 1.2 M;COMP;132 KV
0611241	INSUL:L/ROD;LG 1.2 M;COMP;132 KV
599996	INSUL: COMPOSITE 220kV 120kN 25mm/kV
599997	INSUL: COMPOSITE 220kV 120kN 31mm/kV
599999	INSUL: COMPOSITE 220kV 210kN 25mm/kV
599998	INSUL: COMPOSITE 220kV 210kN 31mm/kV
600000	INSUL: COMPOSITE 275kV 120kN 25mm/kV
600001	INSUL: COMPOSITE 275kV 120kN 31mm/kV
600002	INSUL: COMPOSITE 275kV 210kN 25mm/kV
600003	INSUL: COMPOSITE 275kV 210kN 31mm/kV
600004	INSUL: COMPOSITE 275kV 300kN 25mm/kV
600005	INSUL: COMPOSITE 275kV 300kN 31mm/kV
600006	INSUL: COMPOSITE 400kV 120kN 25mm/kV
600007	INSUL: COMPOSITE 400kV 120kN 31mm/kV
600008	INSUL: COMPOSITE 400kV 210kN 25mm/kV
600009	INSUL: COMPOSITE 400kV 210kN 31mm/kV
600010	INSUL: COMPOSITE 400kV 300kN 25mm/kV
600011	INSUL: COMPOSITE 400kV 300kN 31mm/kV

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		Effective Date	October 2022		
		Review Date	October 2027		
		RFI Number	MWP1896TX		

TBA	INSUL: COMPOSITE 400kV 300kN 25mm/kV Phase to Phase
600015	INSUL: COMPOSITE 400kV 300kN 31mm/kV Phase to Phase
600012	INSUL: COMPOSITE 400kV 400kN 31mm/kV
600013	INSUL: COMPOSITE 765kV 300kN 31mm/kV
600014	INSUL: COMPOSITE 765kV 400kN 31mm/kV
716958	INSUL: COMPOSITE 275kV 210kN 30,3mm/kV 2611mm 22mm CL/CL 330mm CR
717035	INSUL: COMPOSITE 275kV 210kN 29mm/kV 2485mm B/S 330mm CR
716887	INSUL: COMPOSITE 400kV 120kN 30,1mm/kV 3408mm B/S 370-370mm CR
716886	INSUL: COMPOSITE 400kV 120kN 29.7mm/kV 3355mm B/S 370-370mm CR
716922	INSUL: COMPOSITE 400kV 210kN 31mm/kV 3405mm 22mm CL/CL 370-370mm CR
717032	INSUL: COMPOSITE 400kV 120kN 25mm/kV 3514mm B/S 370-370mm CR
716925	INSUL: COMPOSITE 400kV 120kN 31mm/kV 3514mm B/S 370-370mm CR
717033	INSUL: COMPOSITE 400kV 210kN 31mm/kV 3598mm B/S 370-370mm CR
716920	INSUL: COMPOSITE 400kV 210kN 25mm/kV 3599mm B/S 370-370mm CR
716921	INSUL: COMPOSITE 400kV 300kN 31mm/kV 3656mm B/S 370-370mm CR
717034	INSUL: COMPOSITE 400kV 300kN 25mm/kV 3652mm B/S 370-370mm CR
TBA	LINE POST IEC6-1952 standard E/*,12.5kN
167605	LONGROD Groundwire Insulator, 120kN

**B. Transmission Line Post Composite Insulators
(ESKOM STANDARD: Error! Reference source not found.)**

SAP No.	Item Description
0167535	INSUL:LINE POST;BS970;132 KV
180632	INSUL,LINE POST 132kV 5.3kN T/C 31CD7013
190379	INSUL,LINE POST 132kV 5.3kN D/E 20CD7013
190380	INSUL,LINE POST 132kV 5.3kN D/E 31CD7013
0686101	INSUL:FL/FL 13KN 25C;LINE POST;220 KV
0686120	INSUL:FL/FL 13KN 25C;LINE POST;275 KV
0686135	INSUL:FL/FL 13KN 25C;LINE POST;400 KV
0686104	INSUL:FL/FL 13KN 31C;LINE POST;220 KV
0686122	INSUL:FL/FL 13KN 31C;LINE POST;275 KV
0686138	INSUL:FL/FL 13KN 31C;LINE POST;400 KV

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		Effective Date	October 2022		
		Review Date	October 2027		
		RFI Number	MWP1896TX		

0686087	INSUL:FL/FL 5KN 25C;LINE POST;LG 2100 MM
0686106	INSUL:FL/FL 5KN 25C;LINE POST;LG 2500 MM
0686107	INSUL:FL/FL 5KN 25C;LINE POST;LG 2500 MM
0686124	INSUL:FL/FL 5KN 25C;LINE POST;LG 3200 MM
0686093	INSUL:FL/FL 5KN 31C;LINE POST;LG 2100 MM
0686108	INSUL:FL/FL 5KN 31C;LINE POST;LG 2500 MM
0686127	INSUL:FL/FL 5KN 31C;LINE POST;LG 3200 MM
0686097	INSUL:FL/FL 8KN 25C;LINE POST;LG 2100 MM
0686130	INSUL:FL/FL 8KN 25C;LINE POST;LG 3200 MM
0686099	INSUL:FL/FL 8KN 31C;LINE POST;LG 2100 MM
0686116	INSUL:FL/FL 8KN 31C;LINE POST;LG 2500 MM
0686133	INSUL:FL/FL 8KN 31C;LINE POST;LG 3200 MM
0686100	INSUL:GB/DE 13KN 25C;LINE POST;220 KV
0686118	INSUL:GB/DE 13KN 25C;LINE POST;275 KV
0686134	INSUL:GB/DE 13KN 25C;LINE POST;400 KV
0686103	INSUL:GB/DE 13KN 31C;LINE POST;220 KV
0686121	INSUL:GB/DE 13KN 31C;LINE POST;275 KV
0686136	INSUL:GB/DE 13KN 31C;LINE POST;400 KV
0686085	INSUL:GB/DE 5KN 25C;LINE POST;LG 2100 MM
0686105	INSUL:GB/DE 5KN 25C;LINE POST;LG 2500 MM
0686123	INSUL:GB/DE 5KN 25C;LINE POST;LG 3200 MM
0686088	INSUL:GB/DE 5KN 31C;LINE POST;LG 2100 MM
0686126	INSUL:GB/DE 5KN 31C;LINE POST;LG 3200 MM
0686094	INSUL:GB/DE 8KN 25C;LINE POST;LG 2100 MM
0686109	INSUL:GB/DE 8KN 25C;LINE POST;LG 2500 MM
0686128	INSUL:GB/DE 8KN 25C;LINE POST;LG 3200 MM
0686098	INSUL:GB/DE 8KN 31C;LINE POST;LG 2100 MM
0686110	INSUL:FL/FL 8KN 25C;LINE POST;LG 2500 MM
0686114	INSUL:GB/DE 8KN 31C;LINE POST;LG 2500 MM
0686132	INSUL:GB/DE 8KN 31C;LINE POST;LG 3200 MM

The ESKOM standards indicated above have been provided and the requirements therein must be referenced during the compilation of the supplier submission. For ease of use, the schedules have been extracted from each standard and populated with ESKOM's requirements. These need to be filled in with the offered insulator values and returned with the submission.

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		Effective Date	October 2022		
		Review Date	October 2027		
		RFI Number	MWP1896TX		

3. TECHNICAL RETURNABLES

The schedules in the referenced ESKOM standards do not need to be filled in; only the schedules in the folder need to be filled and returned.

While some of the ESKOM standards call for the submission of product test reports, the actual report does not need to be submitted at this RFI stage; only report numbers in the relevant schedule. ESKOM reserves the right to request test reports at the RFQ stage.

The supplier needs to respond with the following technical information:

1. Schedules completed for offered products
2. Drawings for each offered insulator

4. OTHER INFORMATION REQUIRED:

4.1. Submission Guidelines

- a. The timetable for the RFI process is set out as follows

Item	Action	Due Date
1	RFI issue date	16 March 2023
2	E-mail acknowledgement form	24 March 2023
3	Closing date to submit queries for clarification	30 March 2023
4	RFI closing date and time	03 April 2023 at 10h00 (SAST)
5	Eskom evaluation period	07 April 2023 – 28 April 2023
6	Eskom request for clarification to suppliers	10 April 2023 – 25 April 2023


- b. Acknowledgement of Receipt and willingness to participate

To ensure the receipt of communication with regard to this Request for Information (RFI) process, kindly complete Annexure A - Acknowledgement form and return via email to yurisha.reddy@eskom.co.za.

Note: All the queries must be directed to yurisha.reddy@eskom.co.za and the responses will be published on the e tender portal and Eskom website daily.

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		Effective Date	October 2022		
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		RFI Number	MWP1896TX		

RFI submissions must be submitted:

Tender Advice Centre (Retail Centre)
Eskom Megawatt Park
1 Maxwell Drive
Sunninghill
2157

All RFI responses must be clearly marked as follows:

Ref number: MWP1896TX
Closing date: 03 April 2023
Closing time: 10h00 (South African Standard Time)

The tenderer shall submit an **original response** to the RFI, plus **one (1) complete hard copy** (identical to the original) at submission deadline and **one (1) soft copy (USB flash drive)** labelled in the same format as the hard copy of the original submission.

Files should be labeled as follows:


- Commercial (including, Pricing schedule, Supplier Development, Localization & Industrialization)
- Technical

4.2 Returnables are as follows:

Reference	Returnables from supplier
Commercial	<ul style="list-style-type: none"> • Acknowledgement form • Completed questionnaire for Long Rod Composite Insulators (if applicable) • Completed questionnaire for Line Post Composite Insulators (if applicable)
Budget Pricing Schedule	<ul style="list-style-type: none"> • Completed Budget Pricing Schedule for Long Rod Composite Insulators (if applicable) • Completed Budget Pricing Schedule for Line Post Composite Insulators (if applicable)
Technical	<ul style="list-style-type: none"> • Schedule summary (as applicable) • Completed schedules (as applicable) • Drawings
Supplier Development, Localization and Industrialization	<ul style="list-style-type: none"> • Completed SDL&I questionnaire for Long Rod Composite Insulators (if applicable) • Completed SDL&I questionnaire for Line Post Composite Insulators (if applicable)

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5. Important Notes

- (i) Eskom wishes to clarify that this request is not intended to impede, amend or replace any past, current or future procurement process that Eskom has engaged in or will engage in.
- (ii) Eskom reserves the right, in its absolute discretion, at any stage to terminate this RFI process.
- (iii) This RFI is an information-gathering and market-testing exercise. All respondents participate herein on the basis that it is providing information voluntarily to strengthen a potentially beneficial process for all stakeholders.
- (iv) Any or all information submitted by any or all respondents may be used by Eskom, 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.
- (v) No portion of any of the information submitted will be treated as confidential and respondents should NOT submit sensitive or confidential, market or commercial information.
- (vi) Any information provided pursuant to this RFI process and any subsequent processes and/or engagement is not confidential, but Eskom will use the information only in the course of its process of carrying out an investigation for this commodity.
- (vii) Further information or any clarification regarding this process will be published on the Eskom web-site and e tender portal.
- (viii) All participants responding to this RFI 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.

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

Please find attached our response to Eskom's questions for Technical, Commercial, Indicative Budget Pricing and Supplier, Development, Localisation & Industrialisation.

Yours faithfully

Name	Designation	Signature	Date
Yurisha Pillay	Senior Advisor: Procurement		16 March 2023
Telephone number	072 254 4689	e-mail address	yurisha.reddy@eskom.co.za

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