

	Request for Information (RFI)	Document Identifier	240-72663051	Rev	1	
		Effective Date	October 2022			
		Review Date	October 2027			
		RFI Number	MWP2975CX			

PART A REQUEST FOR INFORMATION (RFI)			
Description of the works/goods/services	Training Programmes for Operating and Maintenance Engineering Qualification		
Deadline for submission	13 February 2025	At (South African Standard Time)	10H00
Tender Office address	Eskom Megawatt Park Tender Office Retail Centre 1 Maxwell Drive Sunninghill 2000 (NB: TENDERS DELIVERED LATE TO THE ABOVE ADDRESS WILL NOT BE ACCEPTED)		

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

- **Request for Information (RFI)** by submitting information about Training Programmes for Operating and Maintenance Engineering Qualification 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 **Training Programmes for Operating and Maintenance Engineering Qualification**.
- Eskom may request indicative prices if so stated in this RFI.

Eskom has delegated the responsibility for this **RFI No. MWP2975CX** to the signatory of this document, whose details can be found below.

Tumelo Ramushu

Email: RamushT@eskom.co.za

We look forward to receipt of your response.

Yours faithfully



Damela Mathetja

Procurement Manager

Date: 16 Jan 2025

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- **File name:** Request for Information (RFI) MWP2975CX **Training Programmes for Operating and Maintenance Engineering Qualification.**

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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	
Attention			
Tel no		Fax no and /or e-mail address	
From		Address	
Address			
Sender			
Description of the works/goods/services			

1. BACKGROUND INFORMATION

The Generation Operations and Maintenance (O&M) training programme was initiated to equip technical personnel at the power stations with relevant advanced knowledge, which is required to improve their skills and competencies, such that they can perform effectively in an ever-increasing challenging plant operating environment, with the result that efficiency of plant operation is always achieved. Advanced training programmes for technicians, technologists and engineers have been mounted, and the focus is now on advanced training programmes for operators and maintenance artisans.

The Generation Division was identified as one of the Eskom business units that should intensify training of its technical personnel. Though there is adequate reserve margin in the generation fleet, plant inefficiencies have resulted in lower energy availability, with the result that at times the total power generated does not meet the demand load. It is expected that advanced training programmes for Generation technical personnel will help not only to improve the situation, but also to sustain generation operations.

2. BENEFITS TO ESKOM

Eskom has a wealth of experience in the power industry but has faced some challenges of late in meeting its power supply obligations to the country. It has concluded that advanced technical training of its personnel in key business areas is paramount to tackling some of the operational

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challenges. Improvements in Generation’s operations and maintenance practices make the greatest impact on the turnaround strategy adopted by the business.

The training programme that is proposed will assist Generation to meet its obligations to the business primarily in two ways. Upskilling its personnel in Operations and Maintenance will improve the competencies of these personnel, which in turn will lead to greater value being added to the business, on account of improved efficiencies. Moreover, creating a career path to higher engineering qualifications for operators and maintenance artisans brings some amount of stability to Generation, on account of the inherent lower staff turnover, which in the long run reduces the personnel cost required to serve the business.

PURPOSE OF REQUEST FOR INFORMATION

- To gather relevant information that will enable to identify potential institutions within South Africa that have capability to provide quality training programmes that will assist power station operators and maintenance artisans advance through a career path that will enable them to obtain higher qualifications up to the engineering bachelor’s degree level.

IN RESPONSE THE FOLLOWING INFORMATION IS REQUESTED

- ❖ A business profile/outline, information on experience in power station operations and maintenance training, including any endorsements from clients, and pricing formulation.
- ❖ In developing an appropriate training programme, the following core requirements should be considered:
 - Outcomes-based engineering training programme leading to a Bachelor of Science in Engineering or a Bachelor of Engineering degree qualification.
 - The Engineering qualification must be tailored to power plant operations and maintenance engineering principles.
 - Meets the requirements for accreditation with the Engineering Council of South Africa as the academic training component for registration as Professional Engineer.
 - Delivered as a blended approach to learning, comprising contact learning and distance learning and which gives prospective students the opportunity to study while working.
 - Structured such that each year of study stands alone and is packaged as a complete course with NQF certification.
 - The requirement immediately above implies that each year of study is an entry point to and an exit point with an exit qualification from the degree programme. It implies also that the degree programme considers recognition of prior learning at each level.
 - Full accreditation with all relevant authorities in South Africa
 - SAQA-approved modules.

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Kindly address the following in the submission:

Training Programmes

- State whether an engineering degree programme in operations and maintenance is available at the bachelor's level.
- Where such a training programme is available, state whether it is fit for application in the power generation industry.
- Where such a programme is available but does not meet the specific needs of the power generation industry, state whether it can be tweaked to adapt it to Eskom's needs, and the willingness of the institution to embark on such an exercise.
- Where a training programme in operation and maintenance exists at the undergraduate level but is not pitched at the engineering degree level, state whether there is a willingness on the part of the institution to create an upgraded version suitable for an engineering bachelor's degree that meets Eskom's needs.
- State what percentage of any existing training programmes are accredited by the Engineering Council of South Africa (ECSA) and other accreditation bodies.
- Where a training programme in operation and maintenance does not exist at the undergraduate level, but exists at the postgraduate level, state whether there is a willingness on the part of the institution to create a similar programme suitable for an engineering bachelor's degree and which meets Eskom's needs.
- Where a training programme in operation and maintenance does not exist, indicate the willingness of the institution to create one that satisfies Eskom's needs.
- Address the matter of each year of the training programme being an entry point to and a qualified exit point from the programme, for the case where the institution can meet Eskom's training needs.

The following sections from Training Modules to Competency Assessment are applicable for the case where the respondent has one or more existing engineering training programmes in operation and maintenance:

Training Modules

- List the modules per year comprising the programme, for each programme, irrespective of the qualification.
- State the willingness to adapt or create training modules to meet Eskom's needs.

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Training Personnel

- State the number of trainers available, their qualifications, and the average years of their training experiences.
- Will additional training personnel be sourced externally to meet Eskom's needs?
- What number of the training personnel are registered with ECSA as engineering professionals.

Training Delivery Approach

- State the method used in delivering training, i.e. will training be given in a classroom, virtually, via the Web, via eLearning, practical/hands-on, or a combination of these.
- State what forms course materials take, i.e. hard copy and/or electronic.
- State willingness to travel to different Eskom sites to deliver contact training.
- Capacity to administer Recognition of Prior Learning to place potential learners at appropriate entry levels of training.

Competency Assessment

- Describe the methods of assessment used in determining whether the goals set out in a training programme and/or modules were achieved, and if the trainees attained the stated outcomes.
- State the certification that trainees will undergo/acquire to possess proof of competency.

Training Delivery Partnerships

In the case where one or more engineering training programmes in operation and maintenance exist, whether or not they are suitable for the power generation industry, but there is limited capacity to deliver on Eskom's requirements, and also in the case where such programmes do not exist and the institution is willing to create one that meets Eskom's needs, state whether the institution is prepared to look for another institution to partner with, to develop full capacity to deliver a training programme that satisfies Eskom's needs.

Implementation Date

For the case where a training provider can assist Eskom with its training needs, state the academic year when the training programme will be ready to accept the first intake of students if an agreement to proceed is reached with Eskom in 2025.

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3. THE INFORMATION THAT NEEDS TO BE PROVIDED IS AS FOLLOWS;

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.	Pricing Formulation	
4.	Training programmes	
5.	Training Modules	
6.	Training Personnel	
7.	Training Delivery Approach	
8.	Competency Assessments	
9.	Training Delivery Partnerships	
10.	Implementation Date	

- ❖ Interested training service providers are required to address the above elements of training approach in their submissions. Additional sheets may be included if the space provided above is not sufficient.

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FORMAT OF SUBMISSION

All RFI responses must be clearly marked:

“MWP2975CX - Request for Information (RFI) about Training Programmes for Operating and Maintenance Engineering Qualification”

The respondent shall be submitted as **ONE (1)** printed original RFI including additional documents/information, if necessary, **PLUS ONE (1)** exact same printed copy.

Closing Date: 13 February 2025

Closing Time: 10H00 (South African Standard Time)

METHOD AND PLACE OF DELIVERY

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

THE TENDER OFFICE
Eskom Megawatt Park
Tender office
Retail Centre
1 Maxwell Drive
Sunninghill
2000
Gauteng

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