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|-----------------------------------------------------------------------------------|---------------------------------------------------|----------------------------|---------------|------------|---|
|  | <b>Request for Information (RFI)<br/>Template</b> | <b>Document Identifier</b> | 240-72663051  | <b>Rev</b> | 2 |
|                                                                                   |                                                   | <b>Effective Date</b>      | 14 March 2025 |            |   |
|                                                                                   |                                                   | <b>Review Date</b>         | March 2030    |            |   |
|                                                                                   |                                                   | <b>RFI Number</b>          | E1735NTCSACS  |            |   |

| PART A<br>REQUEST FOR INFORMATION (RFI)                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                         |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------|
| <b>Description of the works/goods/services</b>                                                                                                                                                                                                                    | <p>Request for information pertaining to the supply, support, delivery and offloading of Travelling wave-based (TW-based) protection Intelligent Electronic Devices (IEDs) for High Voltage (HV) and Extra High Voltage (EHV) feeders.</p> <p>The Travelling Wave (TW) based protection technique makes use of the current and voltage transients that are generated and propagated along the transmission line when a fault occurs on the line to pinpoint whether the fault occurred within the protected line (zone) or not. The information contained in the travelling waves is also used to determine the location of the fault. The accuracy of the distance to fault location by travelling waves has a better accuracy when compared to the traditional type used in algorithms with phasor current and voltage quantities measured at system power frequency.</p> <p>TW-based protection is a fast transmission feeder protection that can trip faults in the power system within short time duration, e.g., operation time is around 1ms while the conventional protection operating time are longer ranging between 20 to 30ms. The TW-based protection is not susceptible to adverse effects of series compensation or high penetration of Independent Power Producers (IPPs), specifically Inverter Based Resources (IBRs).</p> |                                         |          |
| <b>Deadline for submission</b>                                                                                                                                                                                                                                    | 18 September 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>At (South African Standard Time)</b> | 10:00 AM |
| <b>Tender Office address</b>                                                                                                                                                                                                                                      | Tenders are uploaded on NTCSA Tender bulletin and NT eTender Portal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |          |
| <b>RFI are to be submitted electronically via Eskom E- tendering site by the stipulated closing date and time.</b><br><br><i>Please note it is the responsibility of the supplier to ensure that RFI submission is submitted before the closing date and time</i> | <b>Suppliers are not allowed to submit physical files to NTCSA/Eskom Tender Offices, any physical files submitted will be regarded as non-responsive and will not proceed with evaluation process.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                         |          |
| <b>Electronic Submission of RFI</b>                                                                                                                                                                                                                               | The tenderer must submit the RFI on the Eskom E- tendering site by the stipulated closing date and time.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         |          |

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|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      | <p><b>Please note that no late submissions will not be accepted.</b></p> <p>All documents need to be submitted in a PDF and Excel format (The limit is 50MB per file and total submission of 900MB per submissions).</p> <p>No Zip/condense files can be uploaded<br/>No hard copy will be accepted</p> <p>If for some reason you resubmit your RFI, then the latest version of the RFI submitted will only be accepted and all previous submission/s will be null and void.</p> <p>Please ensure that the submission status is indicated as complete.</p> <p>Supplier Help Manual guide and video can be found on Eskom E-Tendering page</p> |
|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| E-tendering Help Manual for supplier | Refer to the attached E-tendering Help Manual for suppliers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

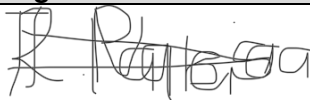
National Transmission Company South Africa SOC Ltd ("NTCSA") invites you to submit an:

- **Request for information (RFI)** to submit information for the works/goods/services as stated in the table. This RFI is a stand-alone information-gathering and market-testing exercise, intended only to inform and assist NTCSA's further deliberation and development of a strategy for fast tripping operation times on the HV and EHV feeders.

NTCSA 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                 |
|------------------|------------------------------|-------------------------------------------------------------------------------------|----------------------|
| Palesa Thekiso   | Learner Intern<br>Grad Non-E |  | 12 August 2025       |
| Telephone number | 011 800 8111                 | Fax and/or e-mail address                                                           | ThekisPa@ntcsa.co.za |

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**PART B**  
**RESPONSE SHEET IN TERMS OF A REQUEST FOR INFORMATION**  
 To be completed by the supplier

|                                         |                                                                          |                              |                                                       |
|-----------------------------------------|--------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|
| To                                      | National Transmission Company<br>South Africa SOC Ltd                    | Date                         | <b>[insert today's date]</b>                          |
| Attention                               | <b>[insert name of Procurement Practitioner as it appears in Part A]</b> |                              |                                                       |
| Tel no                                  | <b>[insert your tel number]</b>                                          | Fax no and/or e-mail address | <b>[insert your fax number and/or e-mail address]</b> |
| From                                    | <b>[insert the registered full legal name of the company]</b>            | Address                      | <b>[insert the business address of the company]</b>   |
| Address                                 | <b>[insert the physical address of the company]</b>                      |                              |                                                       |
| Sender                                  | <b>[insert the full name of the sender at the company]</b>               |                              |                                                       |
| Description of the works/goods/services |                                                                          |                              |                                                       |

Please find below our response to NTCSA's questions:

| No. | Question                                                        | Please indicate your response in this column |
|-----|-----------------------------------------------------------------|----------------------------------------------|
| 1.  | Your contact name and contact details                           |                                              |
| 2.  | Company registration number                                     |                                              |
| 3.  | Please provide a description of the solution that you can offer |                                              |
| 4.  | Indicative prices (optional and only for use of RFI's)          |                                              |
| 5.  | Please indicate your product guarantee.                         |                                              |

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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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