

Title: **Engineer, Procurement and  
Construction (EPC) Panel - Line  
Engineering Tender Evaluation  
Returnables**

Template Unique Identifier: **240-141157901**

Template Revision: **3**

Project Unique Identifier: **TX.351**

Document Unique Identifier: **LES1632**

Area of Applicability: **Engineering**

Documentation Type: **Report**

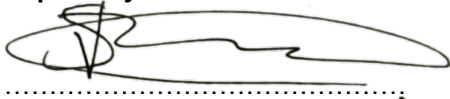
Revision: **2**

Total Pages: **5**

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Disclosure Classification: **CONTROLLED  
DISCLOSURE**

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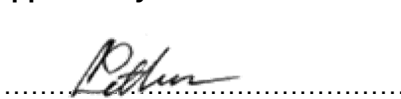


**Sifiso Zikhali**

**Chief Engineer: Coastal Cluster**

Date: **11 September 2025**

Supported by

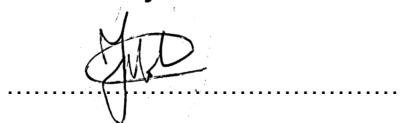


**Tebogo Bhulose**

**Middle Manager: LES Coastal  
Cluster**

Date: **12 September 2025**

Authorised by



**Faith Makhonoana**

**Senior Manager Line Engineering  
Services and Design Review  
Chairperson**

Date: **16/09/2025**



|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            |                                                                                                         |                     |                    |           |                                                         |                         |                         |                              |                            |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------|--------------------|-----------|---------------------------------------------------------|-------------------------|-------------------------|------------------------------|----------------------------|--|
| <div><div><div>Eskom</div><div>National Transmission Company South Africa™</div><div>NTCSA Engineering</div><div>Line Engineering Services (LES)</div></div></div> |                                                                                                                                                                                                                                                            | Panel A Engineering Tender Evaluation Returnables<br><br>(for a Transmission Powerline)                 |                     |                    |           |                                                         | Template No.:           | 240-141157901           |                              |                            |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            |                                                                                                         |                     |                    |           |                                                         | Template Rev:           | 3                       |                              |                            |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            |                                                                                                         |                     |                    |           |                                                         | Document No:            | LES1632                 |                              |                            |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            |                                                                                                         |                     |                    |           |                                                         | Document Rev:           | 2                       |                              |                            |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | Schedule A: Engineering                                                                                 |                     |                    |           |                                                         | Name of Supplier:       |                         |                              |                            |  |
| Item                                                                                                                                                                                                                                                | Description                                                                                                                                                                                                                                                | Select Option                                                                                           | Tick Applicable Box | Score by Evaluator | Weighting | Details to be submitted in engineering returnables file | Comments from Evaluator | Maximum allowable score | Actual subsection percentage | Subsection allowable score |  |
| 1                                                                                                                                                                                                                                                   | Key Personnel: Principal* subject matter expert (electrical engineering personnel)                                                                                                                                                                         |                                                                                                         |                     |                    | 20%       |                                                         |                         |                         | 0.0%                         | 0.0%                       |  |
| 1.1                                                                                                                                                                                                                                                 | Certified copies of Qualifications                                                                                                                                                                                                                         | Qualification(s): No submission = 0.                                                                    |                     |                    | 20%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | Qualification(s): Mtech/ BTEch and above = 5.                                                           |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 1.2                                                                                                                                                                                                                                                 | Professional Registration - certified copy of certificate to be provided (an electrical engineer must be registered with ECSA** or equivalent professional body)                                                                                           | No = 0                                                                                                  |                     |                    | 40%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | Yes = 5                                                                                                 |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 1.3                                                                                                                                                                                                                                                 | More than 3 transmission line1 projects designed                                                                                                                                                                                                           | No = 0                                                                                                  |                     |                    | 40%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | 3 or more = 5                                                                                           |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 2                                                                                                                                                                                                                                                   | Key Personnel: Principal* subject matter expert (high voltage powerlines mechanical engineering personnel)                                                                                                                                                 |                                                                                                         |                     |                    | 20%       |                                                         |                         |                         | 0.0%                         | 0.0%                       |  |
| 2.1                                                                                                                                                                                                                                                 | Certified copies of Qualifications                                                                                                                                                                                                                         | Qualification(s): No submission = 0.                                                                    |                     |                    | 20%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | Qualification(s): Mtech/ BTEch and above = 5.                                                           |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 2.2                                                                                                                                                                                                                                                 | Professional Registration - certified copy of certificate to be provided (a mechanical engineer must be registered with ECSA** or equivalent professional body)                                                                                            | No = 0                                                                                                  |                     |                    | 40%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | Yes = 5                                                                                                 |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 2.3                                                                                                                                                                                                                                                 | More than 3 transmission line projects designed                                                                                                                                                                                                            | No = 0                                                                                                  |                     |                    | 40%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | 3 or more = 5                                                                                           |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 3                                                                                                                                                                                                                                                   | Key Personnel: Principal* subject matter expert (high voltage powerlines civil engineering personnel)                                                                                                                                                      |                                                                                                         |                     |                    | 20%       |                                                         |                         |                         | 0.0%                         | 0.0%                       |  |
| 3.1                                                                                                                                                                                                                                                 | Certified copies of Qualifications                                                                                                                                                                                                                         | Qualification(s): No submission = 0.                                                                    |                     |                    | 20%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | Qualification(s): Mtech/ BTEch and above = 5.                                                           |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 3.2                                                                                                                                                                                                                                                 | Professional Registration - certified copy of certificate to be provided (a civil engineer must be registered with ECSA** or equivalent professional body)                                                                                                 | No = 0                                                                                                  |                     |                    | 40%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | Yes = 5                                                                                                 |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 3.3                                                                                                                                                                                                                                                 | More than 3 transmission line projects designed                                                                                                                                                                                                            | No = 0                                                                                                  |                     |                    | 40%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | 3 or more = 5                                                                                           |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 4                                                                                                                                                                                                                                                   | Key Personnel: Principal* subject matter expert (geotechnical engineering personnel or engineering geologist personnel)                                                                                                                                    |                                                                                                         |                     |                    | 20%       |                                                         |                         |                         | 0.0%                         | 0.0%                       |  |
| 4.1                                                                                                                                                                                                                                                 | Certified copies of Qualifications                                                                                                                                                                                                                         | Qualification(s): National Diploma / no submission = 0.                                                 |                     |                    | 20%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | Qualification(s): BSc (HONS) Engineering Geology /BSc Eng (HONS) Civil Engineering and above = 5.       |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 4.2                                                                                                                                                                                                                                                 | Professional Registration - certified copy of certificate to be provided (an engineering geologist must be registered with SACNASP3 or equivalent professional body; a geotechnical engineer must be registered with ECSA or equivalent professional body) | No = 0                                                                                                  |                     |                    | 40%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | Yes = 5                                                                                                 |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 4.3                                                                                                                                                                                                                                                 | More than 3 transmission line1 projects designed                                                                                                                                                                                                           | No = 0                                                                                                  |                     |                    | 40%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | 3 or more = 5                                                                                           |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 4                                                                                                                                                                                                                                                   | Key Personnel: Principal* subject matter expert (land surveying personnel)                                                                                                                                                                                 |                                                                                                         |                     |                    | 20%       |                                                         |                         |                         | 0.0%                         | 0.0%                       |  |
| 4.1                                                                                                                                                                                                                                                 | Certified copies of Qualifications                                                                                                                                                                                                                         | Qualification(s): BSc or BTech in Land Surveying = 5; Diploma in Land Surveying = 2, No submission = 0. |                     |                    | 20%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | Qualification(s): BSc or BTech in Land Surveying = 5; Diploma in Land Surveying = 2, No submission = 0. |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 4.2                                                                                                                                                                                                                                                 | Professional Registration - certified copy of certificate to be provided (with SAGC4 as a professional land surveyor / professional surveyor or equivalent professional body)                                                                              | No = 0                                                                                                  |                     |                    | 40%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | Yes = 5                                                                                                 |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
| 4.3                                                                                                                                                                                                                                                 | More than 3 transmission line projects designed                                                                                                                                                                                                            | No = 0                                                                                                  |                     |                    | 40%       |                                                         |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            | 3 or more = 5                                                                                           |                     |                    |           |                                                         |                         |                         |                              | 5                          |  |
|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                            |                                                                                                         |                     | 0%                 | 100%      | Name of Evaluator:                                      |                         | Signature of Evaluator: |                              |                            |  |
| A total of 70% or higher is required to pass this tender evaluation section                                                                                                                                                                         |                                                                                                                                                                                                                                                            |                                                                                                         |                     |                    |           |                                                         |                         |                         |                              |                            |  |

Notes:

1. Principal subject matter experts should be competent people as defined by the constructions regulations of South Africa.
2. Geotechnical engineering or engineering geologist (soil profiling, soil nominations, speciliased geotech such as dolomitic studies, undermining studies, etc.)
3. ECSA is the Engineering Council of South Africa.
4. For this evaluation the definition of a transmission powerline is rated at 220 kV and above.
5. For this evaluation the definition of a high voltage (HV) powerline is rated at 220 kV and above.
6. SACNASP is the South African Council for Natural Scientific Professions
7. AI resources will be verified upon Task Order stage.
8. SAGC is the South African Geomatics Council.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                |                               |                     |                    |           |                                                                           |                         |                         |                              |                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|--------------------|-----------|---------------------------------------------------------------------------|-------------------------|-------------------------|------------------------------|----------------------------|
| <div><div><div><div>National Transmission Company South Africa™</div><div>NTCSA Engineering</div><div>Line Engineering Services (LES)</div></div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Panel A & B Engineering Tender Evaluation Returnables<br><br>(for a Transmission Powerline)                                                                                                    |                               |                     |                    |           | Template No.:                                                             | 240-141157901           |                         |                              |                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                |                               |                     |                    |           | Template Rev:                                                             | 3                       |                         |                              |                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                |                               |                     |                    |           | Document No:                                                              | LES1632                 |                         |                              |                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                |                               |                     |                    |           | Document Rev:                                                             | 2                       |                         |                              |                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Schedule B: Procurement of HV Equipment                                                                                                                                                        |                               |                     |                    |           | Name of Supplier:                                                         |                         |                         |                              |                            |
| Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Description                                                                                                                                                                                    | Select Option                 | Tick Applicable Box | Score by Evaluator | Weighting | Details to be submitted in engineering returnables file                   | Comments from Evaluator | Maximum allowable score | Actual subsection percentage | Subsection allowable score |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Regarding <b>Steel wires (earthwire)</b> , provide a:<br>Signed letter of commitment stating that products have been accepted and meet NTCSA requirements for use.                             | No submission (0)             |                     |                    | 8%        | Provide:<br>- Signed letter of commitment from the supplier or contractor |                         | 5                       | 0                            | 0                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                | Signed documents received (5) |                     |                    |           |                                                                           |                         |                         |                              | 5                          |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Regarding <b>Phase Conductors</b> , provide a:<br>Signed letter of commitment stating that products have been accepted and meet NTCSA requirements for use.                                    | No submission (0)             |                     |                    | 15%       | Provide:<br>- Signed letter of commitment from the supplier or contractor |                         | 5                       | 0                            | 0                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                | Signed documents received (5) |                     |                    |           |                                                                           |                         |                         |                              | 5                          |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Regarding <b>Glass insulators</b> , provide a:<br>Signed letter of commitment stating that products have been accepted and meet NTCSA requirements for use.                                    | No submission (0)             |                     |                    | 7%        | Provide:<br>- Signed letter of commitment from the supplier or contractor |                         | 5                       | 0                            | 0                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                | Signed documents received (5) |                     |                    |           |                                                                           |                         |                         |                              | 5                          |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Regarding <b>Composite/Silicone (phase and earthwire) insulators</b> , provide a:<br>Signed letter of commitment stating that products have been accepted and meet NTCSA requirements for use. | No submission (0)             |                     |                    | 7%        | Provide:<br>- Signed letter of commitment from the supplier or contractor |                         | 5                       | 0                            | 0                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                | Signed documents received (5) |                     |                    |           |                                                                           |                         |                         |                              | 5                          |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Regarding <b>Line post insulators</b> , provide a:<br>Signed letter of commitment stating that products have been accepted and meet NTCSA requirements for use.                                | No submission (0)             |                     |                    | 7%        | Provide:<br>- Signed letter of commitment from the supplier or contractor |                         | 5                       | 0                            | 0                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                | Signed documents received (5) |                     |                    |           |                                                                           |                         |                         |                              | 5                          |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Regarding <b>Line Hardware</b> , provide a:<br>Signed letter of commitment stating that products have been accepted and meet NTCSA requirements for use.                                       | No submission (0)             |                     |                    | 10%       | Provide:<br>- Signed letter of commitment from the supplier or contractor |                         | 5                       | 0                            | 0                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                | Signed documents received (5) |                     |                    |           |                                                                           |                         |                         |                              | 5                          |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Regarding <b>OPGW</b> , provide a:<br>Signed letter of commitment stating that products have been accepted and meet NTCSA requirements for use.                                                | No submission (0)             |                     |                    | 15%       | Provide:<br>- Signed letter of commitment from the supplier or contractor |                         | 5                       | 0                            | 0                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                | Signed documents received (5) |                     |                    |           |                                                                           |                         |                         |                              | 5                          |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Regarding <b>OPGW Hardware</b> , provide a:<br>Signed letter of commitment stating that products have been accepted and meet NTCSA requirements for use.                                       | No submission (0)             |                     |                    | 10%       | Provide:<br>- Signed letter of commitment from the supplier or contractor |                         | 5                       | 0                            | 0                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                | Signed documents received (5) |                     |                    |           |                                                                           |                         |                         |                              | 5                          |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Regarding <b>Spacers/Spacer dampers</b> , provide a:<br>Signed letter of commitment stating that products have been accepted and meet NTCSA requirements for use.                              | No submission (0)             |                     |                    | 7%        | Provide:<br>- Signed letter of commitment from the supplier or contractor |                         | 5                       | 0                            | 0                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                | Signed documents received (5) |                     |                    |           |                                                                           |                         |                         |                              | 5                          |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Regarding <b>Labels</b> , provide a:<br>Signed letter of commitment stating that products have been accepted and meet NTCSA requirements for use.                                              | No submission (0)             |                     |                    | 7%        | Provide:<br>- Signed letter of commitment from the supplier or contractor |                         | 5                       | 0                            | 0                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                | Signed documents received (5) |                     |                    |           |                                                                           |                         |                         |                              | 5                          |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Regarding <b>Anti Bird perching devices</b> , provide a:<br>Signed letter of commitment stating that products have been accepted and meet NTCSA requirements for use.                          | No submission (0)             |                     |                    | 7%        | Provide:<br>- Signed letter of commitment from the supplier or contractor |                         | 5                       | 0                            | 0                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                | Signed documents received (5) |                     |                    |           |                                                                           |                         |                         |                              | 5                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                |                               |                     | 0%                 | 100%      | Name of Evaluator:                                                        |                         | Signature of Evaluator: |                              |                            |
| A total of 70% or higher is required to pass this tender evaluation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                |                               |                     |                    |           |                                                                           |                         |                         |                              |                            |
| <div>Clarification Notes:</div> <div>1. It is important to file all documents properly, in separate sections of the file. Clearly mark the sections.</div> <div>2. At Task order stage you will be required to provide additional information on the OEM and product you will be supplying. This includes but is not limited to the following:<br/><br/>a. Verification to ensure that all products listed meet NTCSA requirements as per the product's specification.<br/>b. Verification to ensure that all products have valid type test certificates.<br/>c. All drawings will be sent for acceptance by NTCSA prior to placing orders after Task Order appointment.<br/>d. To ensure all SHEQ requirements are met prior to release of material at the OEM plant.</div> |                                                                                                                                                                                                |                               |                     |                    |           |                                                                           |                         |                         |                              |                            |

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                 |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    |                         |                         |                              |                            |  |
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| <div><div><div>Eskom</div><div>National Transmission Company South Africa™</div><div>NTCSA Engineering</div><div>Line Engineering Services (LES)</div></div></div> | Panel A, B & C Engineering Tender Evaluation Returnables<br><br>(for a Transmission Powerline)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                 |                     |                    |           | Template No.:                                                                                                                                                                                                                                                                                                                      | 240-141157901           |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                 |                     |                    |           | Template Rev:                                                                                                                                                                                                                                                                                                                      | 3                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                 |                     |                    |           | Document No:                                                                                                                                                                                                                                                                                                                       | LES1632                 |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                 |                     |                    |           | Document Rev:                                                                                                                                                                                                                                                                                                                      | 2                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   | Schedule C: Construction Experience and Personnel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                 |                     |                    |           | Name of Supplier:                                                                                                                                                                                                                                                                                                                  |                         |                         |                              |                            |  |
| Item                                                                                                                                                                                                                                              | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Select Option                                                   | Tick Applicable Box | Score by Evaluator | Weighting | Details to be submitted in engineering returnables file                                                                                                                                                                                                                                                                            | Comments from Evaluator | Maximum allowable score | Actual subsection percentage | Subsection allowable score |  |
| 1                                                                                                                                                                                                                                                 | Specify the registration (SAGC) and power line experience of the proposed <b>LAND SURVEYOR</b> to be used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No Registration (0)                                             |                     | 0                  | 20%       | Provide:<br>- Name of surveyor<br>- Professional registration details<br>- List of power line projects where the person was appointed as land surveyor (A letter of appointment for each project should be submitted)                                                                                                              |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registered with no power line experience (2)                    |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 2                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registered with one power line project experience (4)           |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 4                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registered with two or more power line project experience (5)   |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 5                       |                         |                              |                            |  |
| 2.1                                                                                                                                                                                                                                               | Specify the registration and power line experience of the proposed <b>SOIL PROFILER</b> to be used.<br>(requirement: Engineering Geologist with Pr. Nat. Sci. registered with SACNASP or ECSA registered Civil Engineer/Technologist with Pr. Eng. or Pr. Tech. Eng.).                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No Registration (0)                                             |                     | 0                  | 20%       | Provide:<br>- Name of soil profiler<br>- Professional registration details<br>- Years of post registration soil profiling<br>- List of power line projects where the person was appointed as Soil Profiler (A letter of appointment for each project should be submitted)                                                          |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registered with no power line projects experience (2)           |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 2                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registered with one to three power line projects experience (4) |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 4                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registered with four or more power line projects experience (5) |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 5                       |                         |                              |                            |  |
| 2.2                                                                                                                                                                                                                                               | Specify the registration and power line experience of the proposed <b>FOUNDATION DESIGNER</b> to be used.<br>(requirement: ECSA registered Pr. Eng. or Pr. Tech. Eng. (Civil/Structural), also to be responsible for signing off safe work procedures)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No Registration (0)                                             |                     | 0                  | 20%       | Provide:<br>- Name of foundation designer<br>- Professional registration details<br>- List of power line projects as foundation designer and person responsible for compiling the safe work procedure (A letter of appointment for each project should be submitted).                                                              |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registered (2)                                                  |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 2                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registered with one power line project experience (4)           |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 4                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registered with two or more power line projects experience (5)  |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 5                       |                         |                              |                            |  |
| 3                                                                                                                                                                                                                                                 | Specify the registration and experience related to transmission power lines of the proposed <b>TEMPORARY WORKS DESIGNER</b> and the proposed SWP compiler for tower assembly and erection.<br>(requirement: ECSA registered Pr. Eng. or Pr. Tech. Eng. and also to be responsible for signing off safe work procedures)                                                                                                                                                                                                                                                                                                                                                                                                                            | No Registration (0)                                             |                     | 0                  | 10%       | Provide:<br>- Name of temporary works designer for tower assembly and erection<br>- Registration certificate(s)<br>- List of the power line projects done by the temporary works designer and the SWP compiler for tower assembly and erection (A letter of appointment for each project should be submitted)                      |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registration with no experience (2)                             |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 2                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registered with one power line project experience (4)           |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 4                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registered with two or more power line projects experience (5)  |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 5                       |                         |                              |                            |  |
| 4                                                                                                                                                                                                                                                 | Specify the registration and experience related to Transmission power lines, of the proposed <b>TEMPORARY WORKS DESIGNER</b> and the proposed SWP compiler for dressing, stringing and regulation.<br>(requirement: ECSA registered Pr. Eng. or Pr. Tech. Eng. and also to be responsible for signing off safe work procedures)                                                                                                                                                                                                                                                                                                                                                                                                                    | No Registration (0)                                             |                     | 0                  | 10%       | Provide:<br>- Name of temporary works designer and SWP compiler for dressing, stringing and regulation<br>- Registration certificate(s)<br>- List of the power line projects done by the temporary works designer and the SWP compiler for stringing and regulation (A letter of appointment for each project should be submitted) |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registration with no experience (2)                             |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 2                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registered with one power line project experience (4)           |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 4                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Registered with two or more line project experience (5)         |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 5                       |                         |                              |                            |  |
| 5                                                                                                                                                                                                                                                 | Have you (your company or your resources) constructed transmission lines on a minimum 220 kV level in the past 7 years?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No (0)                                                          |                     | 0                  | 20%       | Provide list of power line projects where:<br>- Foundations, tower assembly and erection and stringing has been performed as well as the role (main contractor/sub contractor) (A letter of appointment for each project should be submitted)                                                                                      |                         | 5                       | 0                            | 0                          |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes as a subcontractor (2)                                      |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 2                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes as a main contractor (5)                                    |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    | 5                       |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                 |                     | 0%                 | 100%      | Name of Evaluator:                                                                                                                                                                                                                                                                                                                 |                         | Signature of Evaluator: |                              |                            |  |
| A total of 70% or higher is required to pass this engineering tender evaluation                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                 |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    |                         |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                 |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    |                         |                         |                              |                            |  |
|                                                                                                                                                                                                                                                   | <div>Clarification Notes:</div> <div>1. It is important to file all documents properly, in separate sections of the file. Clearly mark the sections. (Section 1 -7)</div> <div>2. Not providing the supporting documentation will result in a ZERO score for that particular question.</div> <div>3. ECSA is preferred but other equivalent (ECSA acceptable) registrations will be considered.</div> <div>4. SWP - Safe Works Procedure</div> <div>5. Upon contracting with NTCSA, all these resources will be required.</div> <div>6. Please note that if the relevent registered professional mentioned above, changes, the profile of the person taking up this post as a replacement must have an equivalent profile as outlined above.</div> |                                                                 |                     |                    |           |                                                                                                                                                                                                                                                                                                                                    |                         |                         |                              |                            |  |