Appendix 2 – EOI Wind Tender submission and technical requirements declaration form

|  |  |
| --- | --- |
| Provider Name | [ Complete ] |
| Site/Asset/Project Name | [ Complete ] |

Your Details

|  |  |  |
| --- | --- | --- |
| Primary Contact | Name |  |
| Email |  |
| Telephone Number |  |
| Position |  |
| Secondary Contact | Name |  |
| Email |  |
| Telephone Number |  |
| Position |  |

Instructions

**All relevant Sections within this document must be completed in full and submitted along with a signed NDA on or before 17:00 5th September 2022 to qualify for a compliant EOI Submission.**

For this tender, wind service providers will be referred to as the primary restoration service providers.

Tender Category Submission

|  |  |  |
| --- | --- | --- |
| Category | Description | Complete sections |
| Primary Restoration Service Provider | The ability to self-start and meet the full technical requirements to energise and block load at transmission level | Section 1, 2 & Section 2.1 |

Section 1 - Project Summary

|  |  |
| --- | --- |
| Question | Brief project summary of no more than 500 words to include:   * Description of current plant and capability. * Description of how planned capability would be achieved. |
| Response |  |

**EOI Responses**

Please write your response in the last column, in the response format described. If the question requires you to submit another attachment, it will be indicated in column 4, otherwise it has been left as ‘N/a’.

|  | **Question/Information Required** | **Response Format** | **Provider to complete and return** | **Column 5 – Provider Response** |  |
| --- | --- | --- | --- | --- | --- |
| 1 | Please provide the geographical and electrical location of any/all sites/assets involved in your proposed project, highlighting the point of delivery of the service to the network. | Please complete column 5 with the region, and postcode/s or coordinates of point of delivery to the network. | N/a |  |  |
| 2 | Does the proposed project meet the stated technical requirements? Are there any limitations with regards to meeting the technical requirements? | Please complete column 5 and label any relevant appendices clearly. | N/a |  |  |
| 3 | As a potential ESR service provider, do you agree not to make any public announcements to disclose the potential ESR capability, and do you agree to sign the Non-Disclosure Agreement (NDA) by 5th September 2022. | Please state Yes/No in column 5. | Appendix 3 – Non-Disclosure Agreement |  |  |
| 4 | Do you agree to meet the service commencement date by Dec 2026? | Please state Yes/No in column 5. | N/a |  |  |
| 5 | For the site/asset/project in question, have you previously submitted a Stage 1 Feasibility Study? | Please provide details if applicable in column 5, including:  File names  Submission date  Approval date | N/a |  |  |
| 6 | For the site/asset/project in question, have you previously submitted a scope of works for a Stage 2 Feasibility Study? | Please provide details if applicable in column 5, including:  File names  Submission date  Approval date | N/a |  |  |
| 7 | For the site/asset/project in question, have you previously submitted a Stage 2 Feasibility Study? | Please provide details if applicable in column 5, including:  File names  Submission date  Approval date | N/a |  |  |
| 8 | Please confirm your stations Registered Capacity in MW? | Numerical Value | N/a |  |  |

Section 2 – Technical Declaration

Please complete the table below to demonstrate the capability of your asset or project.

In the third column, ‘Current Capability’, please delete the instructions within each cell, and state the values at present in the requested format.

In the fourth column, ‘Planned Capability’, please state the values at present in the requested format.

Failure to submit a completed Technical Declaration and your bid will be deemed as non-compliant.

**Example Question and Response**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Requirement** | **Minimum** | **Response format** | **Provider Response** | **If requirement is not met, but the provider expects to deliver changes through the tender process in order to meet it, please summarise what will be required here.** |
| Resilience of Supply,  ESR Auxiliary Unit(s) | ≥ 72h | State in number of hours | No auxiliary units on site currently | * We would propose as part of our submission to purchase and install auxiliary units * We would/would not require capital to do this * Once installed, the auxiliary units will have resilience for ≥ 72h |

# Provider Declaration of Technical Requirements

| **Requirement** | **Minimum** | **Response format** | **Provider Response** | **If requirement is not met, but the provider expects to deliver changes through the tender process in order to meet it, please summarise what will be required here:**   * If changes are required/planned, please briefly describe them. * Is capital required? Indicative budget * What is the indicative capability post changes? |
| --- | --- | --- | --- | --- |
| Time to Connect | ≤ 2h | State in number of hours and minutes. |  |  |
| Service Availability | ≥ 80% | State percentage of expected average availability between Dec 2026 and Dec 2031, based on number of settlement periods where the contracted service is delivered. |  |  |
| Voltage Regulation | Existent | Yes/No |  |  |
| Frequency Regulation | Existent | Yes/No |  |  |
| Resilience of Supply,  ESR Service | ≥ 10h | State in number of hours |  |  |
| Resilience of Supply,  ESR Auxiliary Unit(s) | ≥ 72h | State in number of hours |  |  |
| Block Loading Size | ≥ 10MW | State expected largest size of block load |  |  |
| Reactive Capability | ≥ 50MVAr Leading | State capability in MVAr Leading |  |  |
| Sequential ESR Starts | ≥ 3 | Yes/No |  |  |
| Short-circuit level (following the start of a system disturbance) | For t ≤ 80ms:  I ≥ [kA]  U ≡ connection voltage [kV] | For t≤80ms, please state value of I, in kA |  |  |
| For t > 80ms:  I ≥ [kA]  U ≡ connection voltage [kV] | For t>80ms, please state value of I, in kA |  |  |
| Inertia Value | ≥ 400 MVA.s | Please state value in MVA.s |  |  |
| All technical requirements listed above can be met at one point of delivery to network. | Yes | Yes/No |  |  |