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| **Transmission Constraint Management Requirement Notice:****Invitation to Tender Pack, Letter 1** | Sam StokesContracts Managersam.stokes@nationalgrideso.com Direct tel: +44 (0) 7929662622 |
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| 04 May 2022  |  |
| Issue 1 |  |

Dear Service Provider

**Transmission Constraint Management Requirement Notice - TCMRN/01/22**

The following Transmission Constraint Management Requirement has been identified by National Grid Electricity System Operator Limited (“NGESO”) to manage forecast constraint costs and volumes, arising from asset health, planned outages and forecast system conditions. NGESO is therefore, seeking to procure constraint management services in order to economically and efficiently manage a potential constraint.

There are a number of contract requirements as detailed below (either firm or optional) and we are inviting tenders for the firm contract or optional contract(s) or both. Please note the below requirement is for a voltage only service at minimum output (SEL).

With these requirements, there are several other documents to go alongside which will be published on the website:

* Tender submission spreadsheet
* Generic contract terms for firm contract
* Generic contract terms for optional contract

Please note when providers submit tenders this is on the basis that the contract terms can be delivered. The contract terms will not be amended post tender, please read the contract terms thoroughly before submitting a tender.

**Constraint Requirement**

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| **Zonal Requirement:** | Estuary |
| **Potential Service Providers:** | Damhead Creek, Coryton South, Grain and Medway Power |
| **Estimated volume required:** | 1 GT firm + 1GT (optional) to run at SEL overnight |

Service providers are requested to provide prices for the following service(s):

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| **Service description:** | 1. Voltage Only (Firm) |
| **Service Type:** | Firm to run 1x GT at SEL for the overnight periods  |
| **Minimum MVAr range:** | Damhead Creek (1+1 mode acceptable if MVAr range > 248MVAr leading) Coryton South (1+1 ,mode acceptable if MVAr range > 234MVAr leading)Grain (Mvar range > 180MVAr leading per unit)Medway Power (1+1 mode acceptable if MVAr range > 250MVAr leading) |
| **Term:** | From: 10/06/2022 (23:00) To: 13/06/2022 (07:00)  |
| **Period:** | 23:00 to 07:00 (23:00 – 08:00 on Weekends and Bank Holidays) |
| **Cost information:** | Firm payment for overnight period |
| **Payment Rate:** | £/SP |

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| **Service description:** | 2. Voltage Only (Optional-Call off)  |
| **Service Type:** | Option price for 1x GT at SEL for overnight  |
| **Minimum MVAr range:** | Damhead Creek (1+1 mode acceptable if MVAr range > 248MVAr leading) Coryton South (1+1 ,mode acceptable if MVAr range > 234MVAr leading)Grain (Mvar range > 180MVAr leading per unit)Medway Power (1+1 mode acceptable if MVAr range > 250MVAr leading) |
| **Term:** | From: 01/06/2022 (23:00) To: 18/07/2022 (07:00)  |
| **Period:** | 23:00 to 07:00 (23:00 - 08:00 on weekends and bank holidays) |
| **Cost information:** | Option 1 - where at the time of the instruction, PN < SEL in EFA block 6 and EFA block 3.Option 2 - where at the time of the instruction, PN >= SEL in EFA block 6 or where at the time of the instruction PN >= SEL in EFA block 3.Option 3 - where at the time of the instruction, PN >= SEL in EFA block 6 and EFA block 3.Carbon intensity: xxx - given by providerEfficiency constant: xxx - given by provider |
| **Payment Rate:** | On days when National Grid enacts the option, National Grid payout to unit based on the difference between the day ahead spark/dark spread and pre-agreed strike level (SEL) for the contracted period, as detailed in the Voltage Constraint Formula document. £/MWh |
| **Notice:** | 13:00 within day for 23:00 same night |
| **Extension:** | Possible (if Damhead Creek extends outage we might want to extend) |

These requirements are NGESO’s current best view based on OC2 generation availability, demand estimates, asset condition and forecast market conditions. However, if in NGESO’s view the drivers change significantly then NGESO reserves the right to amend or withdraw these requirements. Where appropriate NGESO may republish the tender requirements and revise the relevant timescales accordingly.

**Timescales**

Due to the short notice of this requirement we are looking for a prompt reply to meet the specific requirement, the timetable is as follows:-

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| Business Day 1 | May 4th | Requirement published |
| Business Day 8, 17:00 | May 13th | Submission of prices & services |
| Business Day 12, 17:00 | May 23rd  | Outcome published |
| Business Day 19, 17:00 | June 1st  | Service Start |

**Submission of Service and Price Offers**

Should a service provider wish to submit service and price offers for these constraint management requirements, these should be submitted to Sam Stokes – Sam.stokes@nationalgrideso.com in accordance with the timescales above.

This process is not governed by NGESO standard contract terms, therefore the electronic submission of such offers are acceptable providing the above timescales are complied with.

**A template for submissions is provided in Excel format on the constraint management website. Please use this Tender Sheet for your offer submission.**

If there are any technical limitations on your stations ability to deliver this service, please ensure these are included in the tender for consideration in the assessment.

**Publication of Information**

NGESO shall publish and / or announce details of the information submitted for the provision of constraint management from any service provider, and the service provider is required to consent to the disclosure by NGESO of any such information. To this end, NGESO cannot accept an offer from any potential service provider unless they consent to the disclosure of such information.

**Further Information**

For further information and a more detailed explanation of the procurement process for the above or similar requirements, please contact your Market Services Contract Manager.

Yours faithfully

Sam Stokes

Contracts Manager