



TENDER REQUIREMENTS DOCUMENT

Supporting Technical Report for
Flexibility Providers

September 2023



Scottish & Southern
Electricity Networks



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1. INTRODUCTION

This document will outline all details required for flexibility service providers to participate in the tender round advertised at the webinar on the 18th of September 2023. This will include information on how to take part in the procurement process, key dates, deadlines to participate, and details on each service being procured in this tender round. Please refer to the supporting appendices at the end of the document that will provide any links required to take part in this tender.

2. PROCUREMENT DEADLINES

Table 1 outlines steps to participate in this procurement round and the key dates that form part of this process.

Table 1: Procurement Cycle for Flexibility Participants

<u>Procurement Steps</u>	<u>Deadline</u>
Last date for DPS submission	17 th October 2023
Overarching agreement acceptance opens	1 st November 2023
Overarching agreement acceptance closes	13 th November 2023
Deadline for overarching agreement signature	5 th January 2024
Open tender for services	12 th January 2024
Close tender for services	30 th January 2024
Call off contracts awarded	1 st March 2024
Flexibility services live	1 st April 2024

2.1 Dynamic Purchasing System (DPS) Registration

The DPS is our online procurement platform for flexibility services. There is a separate DPS for both our north and south license areas. Participants will be required to register on the DPS for the region they have assets in. Flexibility providers who have assets in both will be required to register and complete the questionnaires for both separately.



- SSEN North (SHEPD) DPS: <https://ssen.delta-esourcing.com/delta/respondToList.html?accessCode=63RU6G5499>
- SSEN South (SEPD) DPS: <https://ssen.delta-esourcing.com/respond/4X98CZ76J8>

2.2 Pre-Qualification Questionnaire (PQQ)

Once registered on the DPS, participants are required to complete a pre-qualification questionnaire. This questionnaire contains basic technical and commercial questions. This must be completed by 17th October 2023 to participate in this procurement round. For providers who have previously prequalified, this process does not need to be repeated.

Following submission of the PQQ by each participant, SSEN will assess whether the provider meets the pre-qualification criteria 10 working days after the deadline has closed. All providers who successfully meet the prequalification requirements will be added to the DPS select list, meaning they will pass to the next stage of the procurement process.

Any potential providers whose submissions do not meet the pre-qualification criteria will be offered feedback and, if they wish, are free to re-submit an updated questionnaire. We endeavour to provide feedback to allow potential participants to still re-submit ahead of opening the next part of the process. If the re-submission is completed late and there is insufficient time for SSEN to complete the evaluation the provider will be able to participate in future tender rounds but may be excluded from this one.

2.3 Overarching Agreement Acceptance Opens

Those on the DPS select list will then be invited to proceed to the overarching agreement acceptance stage. This will be run via a process called a mini-competition on the DPS. This stage allows all participants to review the overarching agreement.

The overarching agreement used in this procurement round is based on the ENA's Standard Agreement v2.1. This agreement has been reviewed in detail by the Open Networks working group and consulted on with industry, we therefore expect minimal amendments from participants. The invitation to participate in the overarching agreement acceptance process will be issued via the DPS on 1st November 2023.

2.4 Overarching Agreement Acceptance Closes

The mini-competition will close on the DPS on the 13th November 2023; providers must respond before this date. Providers who want to continue in this procurement round must respond to this stage on the DPS, agreeing that they will sign the Flexibility Services Agreement (FSA). If there are any issues, then this is the time to raise them.



2.5 Overarching Agreement Signature Deadline

This stage covers the acceptance of the industry standard terms and conditions and award of the overarching contracts to eligible potential providers. Once agreed, flexibility providers will be able to bid in all mini tenders for services moving forward. The latest deadline for signature on overarching agreements is 5th of January 2024.

2.6 Open Tender for Services

At this stage providers who have signed the overarching contract will receive an invitation to the tender for services via email. Providers will then be able to submit bids for specific services. A valid bid will: be submitted in provided Excel template format, emailed to flexibilityprocurement@sse.com on dedicated email template, and will include details of flexible capacity offered as well as the price for providing and service participating in. The opening date to submit bids is 12th January 2024 9am UK time.

2.7 Close Tender for Services

The tender for services will close on 30th January 2024 at 5pm UK time, with no more bids accepted after this stage.

2.8 Call Off Contracts Awarded

After the tender has closed, bids will then be assessed. Where two bids have identical pricing SSEN will use additional factors to decide which bids to accept such as: carbon intensity; reliability of assets; effectiveness of impact on constraint and membership of Flex Assure or comparable association. The assessment period will last 8 weeks, with successful bids announced by 1st March 2024.

SSEN will then begin engaging with successful participants to confirm acceptance of call off contracts, the committed availability payment for each call off contract, and onboarding for our dispatch system Flexible Power.

2.9 Flexibility Services Live

Call off contracts will be active from 1st April 2024. The services can be dispatched from this date onwards depending on the defined service need.

3. TENDER DETAILS

Details on each service procured in this round are included in this section. This includes all technical information required for potential flexibility providers to assess feasibility of participation in this tender.



3.1 Minimum Unit Size

The minimum unit size for this procurement round is 10 kW. All providers must either be this unit size or are able to aggregate up to this size per Constraint Managed Zone (CMZ).

3.2 Secure Service

Details for the secure service were announced in our Global Call Webinar on 18th September 2023. Table 2 below shows the breakdown of service windows, seasons, and current availability forecasts by CMZ. Utilisation forecasts will be published in the future when forecasts have been completed.

CMZs are geographic areas which have a common distribution network. This means electricity users in this area can impact the same network limitation by changing their behaviour. Geographical areas are defined to show which areas are connected and to easily assess whether an asset is in the right location to provide a service. The geographic definition of each CMZ is available in the supporting appendices at the end of this document.



Table 2: Secure Service Tender Details

<u>CMZ</u>	<u>Capacity Required (MW)</u>	<u>Service Window</u>	<u>Season</u>	<u>Availability Forecast (Days)</u>
Alderton	0.20	17:30 - 20:00	Spring/Autumn	170
Alresford	0.27	17:00- 18:00	Winter/Spring/Autumn	168
Ashton Park	0.99	15:30 - 22:00	Winter/Spring/Autumn	63
Egham	0.20	17:00 - 20:30	Winter/Spring/Autumn	63
Faringdon	1.69	15:00 - 22:00	Winter/Spring/Autumn	168
Goring	2.82	16:30 - 21:00	Winter/Spring/Autumn	105
Harvard Lane	0.23	16:30 - 22:00	Winter/Spring/Autumn	63
Stokenchurch (AM)	0.90	07:30 - 08:30	Winter/Spring/Autumn	105
Stokenchurch (PM)	0.90	15:00 - 22:00	Winter/Spring/Autumn	105

3.3 Secure Service Payment Details

The secure service has availability and utilisation payments, with the volume and time of availability confirmed at month ahead and utilisation at week ahead. The firm commitment to provide a service is when an availability request is accepted at month ahead.

For this tender round, we will guarantee availability payment. This will be based on the availability forecasted in Table 2. Providers will still be issued with availability requests to accept each month, if at the end of the service period the value of these requests is below the guaranteed payment amount, the difference will be paid. We estimate the size of the market during this tender period to be £700k.



3.4 Dynamic and Restore Service

The tender is also open to bids for dynamic and restore services from flex participants across all network areas. These services help manage unplanned issues and we are looking to build a portfolio for these services across both our license areas.

There are no price ceilings for these services, the more expensive contracts are then the less likely they are to be utilised. When the need for these services arises in an area with multiple flex service providers, the call off contracts will be stacked on cheapest price bids.

3.5 Emergency Flex Service

In the overarching contract, flexibility service providers may also opt into the Emergency Flex service. Emergency Flex is a unique service in that it is only required on a best endeavour basis from flex participants when abnormal network conditions occur. Flex service providers who can provide demand turn down services can sign up to this service in any of our two license areas at the overarching agreement stage. This is paid on a utilisation only basis, relating to the number of households served.

3.6 West London

The West London region of our southern license area is becoming increasingly constrained. We would like flex service providers in this region to begin the overarching agreement process and sign for flexibility with SSEN. This will be the next region we are likely to procure Secure services in on a CMZ basis.

We aim to move straight into tender for these services with either no additional PQQ and overarching agreement acceptance steps. This will only be possible where many providers have already completed these steps.

The West London area covers the following Grid Supply Points: Amersham, Ealing, Iver, Laleham, North Hyde, and Willesden. Further updates on progress of this tender will be provided via the DPS and email to participants, as well as being communicated through an SSEN press release. In order to be able to participate in this tender you must ensure to register and complete DPS registration before 17th October 2023 and then sign an overarching agreement with SSEN.



APPENDIX A. USEFUL LINKS

<u>Topic</u>	<u>Link</u>
North DPS Sign Up	https://ssen.delta-esourcing.com/delta/respondToList.html?accessCode=63RU6G5499
South DPS Sign Up	https://ssen.delta-esourcing.com/respond/4X98CZ76J8
Document library	https://www.ssen.co.uk/our-services/flexible-solutions/flexibility-services/flexibility-services-document-library/
SSEN DSO Conference	https://ssen.engage-360.co.uk/events/3783?q=2022%7cUTFX4Ww1V1Axi6qdHQdAnWmX0GGRmOICsATaYrK89404IOg15osSu2dP8sJtGL25
Flexibility Services Standard Agreement	https://www.ssen.co.uk/globalassets/our-services/flexibility-services-document-library/service-documentation/flexibility-services-standard-agreement-example.pdf
Prequalification Evaluation Criteria	https://www.ssen.co.uk/globalassets/our-services/flexibility-services-document-library/service-documentation/provider-prequalification-evaluation-criteria.pdf
Flexible Power	https://www.flexiblepower.co.uk/
Contact Details	Flexibilityprocurement@sse.com



APPENDIX B. SERVICE DETAILS

Please refer to the most recent version of the SSEN Standard Flexibility Service Agreement for up-to-date parameters for each of the services we are procuring. The SSEN Standard Flexibility Service Agreement can be found in our [document library](#), under 'Service Documentation'. The table containing the Service Details is Table 1 of the Service Terms.

APPENDIX C. SECURE CMZ POSTCODES

<u>CMZ</u>	<u>Postcode Sector Area</u>
Alderton	GL8, SN14, SN16, GL9
Alresford	GU34, SO24, SO21, GU32, SO32
Ashton Park	BA14
Egham	SL4, TW20, TW18, GU25, SL5
Faringdon	SN7, SN6, OX12
Goring	RG8
Harvard Lane	W4, W3, TW8
Stokenchurch (AM)	OX49, HP14, OX39, RG9
Stokenchurch (PM)	OX49, HP14, OX39, RG9



Contact

Flexibilityprocurement@sse.com



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