

332080-2025 - Wettbewerb

Deutschland – Umspann-Unterstation – 2 GW Offshore and Onshore Converter System – North Sea Connector 2

OJ S 98/2025 22/05/2025

Auftrags- oder Konzessionsbekanntmachung – Standardregelung

Bauleistungen

1. Beschaffer

1.1. Beschaffer

Offizielle Bezeichnung: 50Hertz Transmission GmbH

E-Mail: matthiaswolfgang.schaeuble@50hertz.com

Tätigkeit des Auftraggebers: Mit Strom zusammenhängende Tätigkeiten

1.1. Beschaffer

Offizielle Bezeichnung: 50Hertz Offshore GmbH

E-Mail: matthiaswolfgang.schaeuble@50hertz.com

Tätigkeit des Auftraggebers: Mit Strom zusammenhängende Tätigkeiten

2. Verfahren

2.1. Verfahren

Titel: 2 GW Offshore and Onshore Converter System – North Sea Connector 2

Beschreibung: s. Description in chapter 5.1 of this EU-announcement

Kennung des Verfahrens: 26fe7405-6695-41c2-95a6-b407a652872e

Vorherige Bekanntmachung: 220939-2025

Verfahrensart: Verhandlungsverfahren mit vorheriger Veröffentlichung eines Aufrufs zum Wettbewerb/Verhandlungsverfahren

Das Verfahren wird beschleunigt: ja

Begründung des beschleunigten Verfahrens: Due to a necessary cancellation and re-start of the previously published tender (TED Nr. 220939-2025) and unchanged planned date of award a shorter application period has become necessary.

2.1.1. Zweck

Art des Auftrags: Bauleistungen

Haupteinstufung (cpv): 45232221 Umspann-Unterstation

Zusätzliche Einstufung (cpv): 31170000 Transformatoren, 31200000 Elektrizitätsverteilungs- und -schaltanlagen, 45232220 Bau von Unterwerken, 45317200

Elektroinstallationsarbeiten für Transformatoren, 60651400 Einsatz von Schwergutschiffen,

60651600 Einsatz von Offshore-Versorgungsschiffen, 71248000 Projektaufsicht und

Dokumentation, 71541000 Projektmanagement im Bauwesen

2.1.2. Erfüllungsort

Land, Gliederung (NUTS): Ludwigslust-Parchim (DE800)

Land: Deutschland

Zusätzliche Informationen: AWZ, Area N12.4 & N12.5 German North Sea

2.1.4. Allgemeine Informationen

Zusätzliche Informationen: The Contracting Entity may request applicants, in compliance with the principles of transparency and equal treatment, to submit missing company-related documents, in particular self-declarations, information, certificates, or other evidence. Applicants have no right to request additional documents.

Rechtsgrundlage:

Richtlinie 2014/25/EU

sektvo -

2.1.6. Ausschlussgründe

Quellen der Ausschlussgründe: Bekanntmachung

Beteiligung an einer kriminellen Vereinigung: The grounds for exclusion listed here are not an exhaustive list of grounds for exclusion. The complete list of grounds for exclusion can be found in the tender documents.

5. Los

5.1. Los: LOT-0000

Titel: 2 GW Offshore and Onshore Converter System – North Sea Connector 2

Beschreibung: Pursuant to §17d EnWG, transmission system operators must construct and operate offshore connections as defined in the German Grid Development Plan (NEP) and the Site Development Plan (FEP) according to §5 WindSeeG. In this context, 50Hertz is responsible for the offshore grid connection for the two offshore sites N-12.4 and N-12.5. The planned total generation capacity of the two offshore sites N-12.4 and N-12.5 amounts to 2 GW. Therefore, 50Hertz introduced the project NSC2 which will connect the two wind farm sites to the onshore grid. The grid connection system will be realised with 525 kV DC technology and a transmission capacity of 2 GW with a required Readiness-for-Trial-Operation in 03/2034. NSC2 comprises the projects LanWin6 and DC32 and is integrated into the NordHub. The scope of all three projects is briefly described in the following. The LanWin6 project (defined as project NOR-12-3 in the NEP) aims at the connection of the two offshore wind farm sites N-12.4 and N-12.5 via an offshore converter station and a DC sea and land cable connection to a Multiterminal Hub. The offshore wind farms will be connected via a 132 kV (AC) direct connection to the offshore converter station. The Multiterminal Hub, to which LanWin6 is connected to, is planned in the Pöschendorf search area and is called NordHub. It will be designed as a 4-terminal hub, i.e. it will integrate the two converters of the NSC2 project and the two converters of the LanWin7 project (developed by German TSO TenneT to connect other offshore wind sites), respectively offshore and onshore, in a DC-switching station. The necessary MTDC technology standards, including but not limited to the HVDC system and control and protection requirements, are being developed in an ongoing 'Innovation Partnership' project of the four German TSOs with HVDC OEMs. This partnership aims at defining the basic design for the Multiterminal Hubs, prequalifying the required DC circuit breakers and providing the MTDC specifications. These specifications will outline the basic system requirements for multiterminal hub operation. The specifications will be available earliest in July 2025 and will therefore be made available to the Tenderer later in the Tender phase. Whereas the overall system in scope of the Tender is required to be fully MTDC-ready, the Multiterminal Hub as such is out of the scope of the Tender. The NordHub will further be connected via a DC link to an onshore converter station near Mühlenbeck (near Schossin, Mecklenburg-Western Pomerania). This subproject of the NSC2 is called DC32 (as defined in the NEP). In summary, the scope of the upcoming Tender covers the following two elements of the NSC2 project: (1) The Offshore Converter Station (part of LanWin6) (2) The Onshore Converter Station (part of DC32). In addition to the EPCI Bid submission the following Service

and Maintenance Agreements (SMA) with extension option period of up to 5 years are part of the Tender: - SMA for converter systems including but not limited to the DC converters, primary systems, auxiliary systems, OT & IT systems. - Options for the SMA for platform structure (above and below the water surface), auxiliary/ ancillary systems (onshore and offshore station) such as but not limited to HVAC, cooling, fire-fighting/ detection, communication, water systems for technology and accommodation, rescue and safety appliances, etc. Further information regarding the tender scope is described in document "SCM.01.001-2GW_Project Introduction", which is directly available to applicants via the weblink mentioned under section 5.1.11 of the contract notice. For getting access to the Ariba platform and later during the ITT-process, applicants are required to request the access to the tender platform by sending an e-mail to: - Matthias Schäuble via email MatthiasWolfgang.Schaeuble@50hertz.com or - Viacheslav Shalaginov via email viacheslav.shalaginov@50hertz.com. Please provide following information in the email: - Name of the candidate (and for legal entities, including the company form); - Address of the candidate; - VAT number of the candidate; - Information of the contact person/contact persons for the tender (name, e-mail address and telephone number). Information to access the tender on the Ariba platform will be provided by e-mail as soon as possible. Candidates are advised to request this access as soon as possible and to click on 'intend to participate' in Ariba in order to receive possible clarifications from the contracting entity. The Candidates must submit by the closing date (see section 5.1.12) the selection questionnaire (SQ) with the most current available data together with the requested documents. Contracting Entity doesn't guarantee to provide the Ariba login details before closing time for candidates requesting their access to Ariba less than 48 hours before closing time. The Candidates is solely responsible for requesting the access to the tender on the Ariba platform on time. The contracting entity declines any responsibility in the event of problems with the Ariba platform. Any application not sent correctly via Ariba will be rejected. The manuals for usage of E-Sourcing (Ariba) can be found via the following URL: <http://www.elia.be/en/suppliers/information-and-tools-for-suppliers#ariba> Due to the short application period, Candidates who have already applied for access to Ariba and submitted application in the last tender TED Nr. 220939-2025 will automatically receive access to Ariba for the new tender. The Tenderer shall submit signed Non-Disclosure-Agreement SCM.01.007-2GW_Non Disclosure Agreement via Ariba to receive the link to confidential parts of the Tender Package.

Interne Kennung: Lot 1

5.1.1. Zweck

Art des Auftrags: Bauleistungen

Haupteinstufung (cpv): 45232221 Umspann-Unterstation

Zusätzliche Einstufung (cpv): 31170000 Transformatoren, 31200000 Elektrizitätsverteilungs- und -schaltanlagen, 45232220 Bau von Unterwerken, 45317200

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60651600 Einsatz von Offshore-Versorgungsschiffen, 71248000 Projektaufsicht und

Dokumentation, 71541000 Projektmanagement im Bauwesen

5.1.2. Erfüllungsort

Land, Gliederung (NUTS): Ludwigslust-Parchim (DE800)

Land: Deutschland

Zusätzliche Informationen: AWZ, Area N12.4 & N12.5 German North Sea

5.1.3. Geschätzte Dauer

Datum des Beginns: 01/12/2025

Enddatum der Laufzeit: 31/12/2034

5.1.4. Verlängerung

Maximale Verlängerungen: 0

5.1.6. Allgemeine Informationen

Vorbehaltene Teilnahme:

Teilnahme ist nicht vorbehalten.

Die Beschaffung fällt unter das Übereinkommen über das öffentliche Beschaffungswesen: nein

Diese Auftragsvergabe ist auch für kleine und mittlere Unternehmen (KMU) geeignet: nein

Zusätzliche Informationen: Contracting Entities may decide to announce with the separate notice that the Tender can be awarded based on the first complete binding Bid the Tenderers submit. This means there is no guarantee that additional negotiation rounds will be organized, nor that an intermediary shortlisting decision will be taken. Pursuant to Article 29 of Regulation (EU) 2022/2560 (the "Regulation"), economic operators participating in the Tender within the meaning of Articles 2(1) and 29(5) of the Regulation must, (1) together with the request to participate and (2) together with the final bid [for two staged procedures] / together with the tender [for single staged procedures]: 1. submit a notification to the Contracting Entity in accordance with Article 29(1) of the Regulation listing all foreign financial contributions within the meaning of Articles 3, 28(1) and 28(2) of the Regulation. This notification shall be submitted to the Contracting Entity in the form set out in Annex II to the European Commission's implementing Regulation (EU) 2023/1441; or 2. if the notifying parties did not receive any notifiable foreign financial contributions: a) submit a declaration to the Contracting Entity in accordance with Article 29(1) of the Regulation; and b) submit a list of all foreign financial contributions received; and c) submit a statement confirming that none of the participating notifying party(ies) have received foreign financial contributions notifiable under Chapter 4 of the Regulation. The declaration or statement shall be submitted to the Contracting Entity in the form set out in Annex II to the European Commission's implementing Regulation (EU) 2023 /1441. Pursuant to Article 29(5) of the Regulation, the obligation to notify foreign financial contributions applies to: • economic operators, groups of economic operators within the meaning of Article 37(2) of Directive 2014/25/EU; and • main subcontractors and main suppliers within the meaning of Article 29(5) of the Regulation. The main contractor within the meaning of Directive 2014/25/EU shall ensure the submission of the notification or declaration. Failure to submit the notification or declaration will be treated in accordance with Article 29(3) of the Regulation.

5.1.7. Strategische Auftragsvergabe

Ziel der strategischen Auftragsvergabe: Verringerung der Auswirkungen auf die Umwelt

Beschreibung: An offshore converter system reduces environmental impact by efficiently transmitting renewable energy from offshore wind farms, decreasing reliance on fossil fuels and lowering emissions. It also minimises land use and habitat disruption by reducing the need for extensive onshore infrastructure while incorporating eco-friendly design to protect marine ecosystems

Konzept zur Verringerung der Umweltauswirkungen: Anpassung an den Klimawandel

5.1.9. Eignungskriterien

Quellen der Auswahlkriterien: Bekanntmachung

Kriterium: Andere wirtschaftliche oder finanzielle Anforderungen

Beschreibung des Auswahlkriteriums: Economic operators based in European Union or in a country with an international agreement on market access to the European Union. The same

requirement has to be fulfilled for significant scope subcontractors and/ or in case of reliance on the capacities of other entities (subcontractors) to fulfil one or more Selection Criteria (in German "Eignungsleihe").

Kriterium: Techniker oder technische Stellen zur Durchführung der Arbeiten

Beschreibung des Auswahlkriteriums: The fabrication yard must be located within 5.000 km around the 50Hertz office location in Berlin, Heidestrasse 2, 10557 Berlin

Kriterium: Andere wirtschaftliche oder finanzielle Anforderungen

Beschreibung des Auswahlkriteriums: No exclusion grounds according §§123, 124 GWB (in German "Gesetz gegen Wettbewerbsbeschränkungen, GWB")

Kriterium: Andere wirtschaftliche oder finanzielle Anforderungen

Beschreibung des Auswahlkriteriums: Confirmation that paid wages are compliant with the statutory minimum wage or collectively agreed remuneration regulations are obeyed, where applicable.

Kriterium: Andere wirtschaftliche oder finanzielle Anforderungen

Beschreibung des Auswahlkriteriums: Self-declaration Sanctions against Russia according to the "SCM.01.004-2GW_Selection Questionnaire" available via link at the chapter 5.1.11 of this EU-Announcement documents

Kriterium: Referenzen zu bestimmten Arbeiten

Beschreibung des Auswahlkriteriums: Technical Capability including Project References: 1. At least 1 (one) reference as contractor or as being the responsible and executing contract member (as being part of a consortium/ as being subcontractor) for the converter system for a commissioned and operating HVDC system project with a transmission capacity of at least 800 MW. The HVDC system under this reference project shall be considered as an HVDC offshore converter station as well as the corresponding onshore converter station. The reference project shall have successfully achieved BSH1 and BSH2 Release-certification via a statement of conformity according to BSH standard 7005, documents 513 and 520 respectively or should have been certifiable according to BSH regulations. 2. At least 1 (one) reference as contractor or as being the responsible and executing contract member (as being part of a consortium/ as being subcontractor) of a commissioned and operating offshore platform. The offshore platform under this reference project shall be considered as an offshore platform with topside and substructure. The reference project shall have been designed according to internationally recognized standards, e.g. BSH standard 7005, DNV, NORSOK, API and shall have successfully achieved third-party certification. Certified scope shall be at minimum concept design and basic design. If the reference is an offshore platform commissioned and operating in the German EEZ, concept design should be equal to BSH1 and basic design should be equal to BSH2. It is clarified that a project may also consist of more than one platform. The reference is sufficient, if engineering and construction of the works are distributed across different topsides and substructures of the same project. In case of an application by a consortium: - The project reference, item 1, needs to be fulfilled only by the consortium partner which is executing the main parts of the converter system. - The project reference, item 2, needs to be fulfilled only by the consortium partner which is executing the main parts of the platform (topside & substructure) The Candidate is required to provide a copy of the "SCM.01.008-2GW_Reference Table form" (as provided with document package of EU-notification) in unprotected Excel format, fully filled in with its list of project references and along with all requested information.

Kriterium: Maßnahmen zur Sicherstellung der Qualität

Beschreibung des Auswahlkriteriums: Candidate is required to provide the following proofs

/references: 1. Quality Management System certified in accordance with ISO 9001. 2.

Environmental management system certified in accordance with ISO 14001. 3. Occupational health and safety management system certified in accordance with ISO 45001.

Kriterium: Allgemeiner Jahresumsatz

Beschreibung des Auswahlkriteriums: Candidate is required to provide the proofs of the average annual turnover of at least 2.5 billion EUR over the last three completed audited

years. If the Bidder was established more recently, a shorter period is acceptable. Clarification: in the case of a joint venture/consortium application, it is sufficient if either one member meets this criterion, or the criterion is met by the combined turnovers of two or more members; finally, a "Eignungsleihe" is also possible.

Kriterium: Supply-Chain-Management

Beschreibung des Auswahlkriteriums: The Candidate is required to confirm their capability to achieve the Readiness-for-Trial-Operation-Date for the offshore and onshore HVDC converter system by 31st March 2034.

5.1.10. Zuschlagskriterien

Kriterium:

Art: Kosten

Beschreibung: Commercial Evaluation

Kategorie des Gewicht-Zuschlagskriteriums: Gewichtung (Punkte, genau)

Zuschlagskriterium — Zahl: 60

Kriterium:

Art: Qualität

Beschreibung: Non-Commercial Evaluation

Kategorie des Gewicht-Zuschlagskriteriums: Gewichtung (Punkte, genau)

Zuschlagskriterium — Zahl: 40

5.1.11. Auftragsunterlagen

Zugang zu bestimmten Auftragsunterlagen ist beschränkt

Begründung für die Beschränkung des Zugangs zu bestimmten Auftragsunterlagen: Aspekte des Schutzes der Rechte des geistigen Eigentums

Sprachen, in denen die Auftragsunterlagen offiziell verfügbar sind: Englisch

Informationen über zugangsbeschränkte Dokumente einsehbar unter: https://eliagroup.sharepoint.com/:f/s/EFSS/EFSS/EnTVQBZNvOdFjqsK0tU_RxkBWJc7m-lhdtY_xsqa4hYWC5Q

Ad-hoc-Kommunikationskanal:

Name: Tender Platform Ariba

URL: <http://www.ariba.com>

5.1.12. Bedingungen für die Auftragsvergabe

Verfahrensbedingungen:

Voraussichtliches Datum der Absendung der Aufforderungen zur Angebotseinreichung: 11/06 /2025

Bedingungen für die Einreichung:

Elektronische Einreichung: Erforderlich

Adresse für die Einreichung: <http://www.ariba.com>

Sprachen, in denen Angebote oder Teilnahmeanträge eingereicht werden können: Englisch

Elektronischer Katalog: Nicht zulässig

Varianten: Nicht zulässig

Die Bieter können mehrere Angebote einreichen: Zulässig

Frist für den Eingang der Teilnahmeanträge: 06/06/2025 11:00:00 (UTC+02:00)

Osteuropäische Zeit, Mitteleuropäische Sommerzeit

Informationen, die nach Ablauf der Einreichungsfrist ergänzt werden können:

Nach Ermessen des Käufers können alle fehlenden Bieterunterlagen nach Fristablauf nachgereicht werden.

Zusätzliche Informationen: The Contracting Entities reserve the right to request additional documents in accordance with legal requirements (in particular § 51 SektVO; Regulation (in German "Verordnung") 2022/2560).

Auftragsbedingungen:

Die Auftragsausführung muss im Rahmen von Programmen für geschützte

Beschäftigungsverhältnisse erfolgen: Nein

Bedingungen für die Ausführung des Auftrags: Details (e.g. requirements on joint and several liability) will be further provided after submission of NDA

Finanzielle Vereinbarung: Details on the requirements are described in the attached EU-notification documents and will be further provided after submission of NDA.

5.1.15. Techniken

Rahmenvereinbarung:

Keine Rahmenvereinbarung

Informationen über das dynamische Beschaffungssystem:

Kein dynamisches Beschaffungssystem

Elektronische Auktion: nein

5.1.16. Weitere Informationen, Schlichtung und Nachprüfung

Überprüfungsstelle: Vergabekammer des Landes Berlin

Informationen über die Überprüfungsfristen: Deadlines for filing an application for review arise from Section 160 (3) GWB. For clarification, this provision is reproduced in full. The application is inadmissible if: 1. the Candidate recognized the alleged violation of procurement regulations before submitting the application for review and did not complain to the Contracting Entity within a period of ten (10) calendar days; the expiry of the deadline pursuant to Section 134 (2) GWB remains unaffected, 2. violations of procurement regulations that are identifiable from the announcement are not complained to the Contracting Entity by the expiry of the deadline for application or submission of a bid specified in the announcement, 3. violations of procurement regulations that are only identifiable in the Tender documents are not complained to the Contracting Entity by the expiry of the deadline for application or submission of a bid, 4. more than 15 calendar days have passed since receipt of the Contracting Entity's notification that it does not intend to remedy a complaint.

Organisation, die zusätzliche Informationen über das Vergabeverfahren bereitstellt: 50Hertz Transmission GmbH

Organisation, die weitere Informationen für die Nachprüfungsverfahren bereitstellt: 50Hertz Transmission GmbH

8. Organisationen

8.1. ORG-0000

Offizielle Bezeichnung: 50Hertz Transmission GmbH

Registrierungsnummer: DE813473551

Stadt: Berlin
Postleitzahl: 10557
Land, Gliederung (NUTS): Berlin (DE300)
Land: Deutschland
E-Mail: matthiaswolfgang.schaeuble@50hertz.com
Telefon: 000

Rollen dieser Organisation:

Beschaffer
Organisation, die zusätzliche Informationen über das Vergabeverfahren bereitstellt
Organisation, die weitere Informationen für die Nachprüfungsverfahren bereitstellt

8.1. ORG-0001

Offizielle Bezeichnung: Vergabekammer des Landes Berlin
Registrierungsnummer: DE296830277
Stadt: Berlin
Postleitzahl: 10825
Land, Gliederung (NUTS): Berlin (DE300)
Land: Deutschland
E-Mail: vergabekammer@senwtf.berlin.de
Telefon: +49 3090138316

Rollen dieser Organisation:

Überprüfungsstelle

8.1. ORG-0002

Offizielle Bezeichnung: 50Hertz Offshore GmbH
Registrierungsnummer: DE255687660
Stadt: Berlin
Postleitzahl: 10557
Land, Gliederung (NUTS): Berlin (DE300)
Land: Deutschland
E-Mail: matthiaswolfgang.schaeuble@50hertz.com
Telefon: 000

Rollen dieser Organisation:

Beschaffer

8.1. ORG-0003

Offizielle Bezeichnung: Datenservice Öffentlicher Einkauf (in Verantwortung des Beschaffungsamts des BMI)
Registrierungsnummer: 0204:994-DOEVD-83
Stadt: Bonn
Postleitzahl: 53119
Land, Gliederung (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Land: Deutschland
E-Mail: noreply.esender_hub@bescha.bund.de
Telefon: +49228996100

Rollen dieser Organisation:

TED eSender

Informationen zur Bekanntmachung

Kennung/Fassung der Bekanntmachung: a92b8b0b-cb7e-4e95-9655-2fbf66a9b447 - 01

Formulartyp: Wettbewerb

Art der Bekanntmachung: Auftrags- oder Konzessionsbekanntmachung – Standardregelung

Unterart der Bekanntmachung: 17

Datum der Übermittlung der Bekanntmachung: 21/05/2025 10:55:03 (UTC+02:00)

Osteuropäische Zeit, Mitteleuropäische Sommerzeit

Sprachen, in denen diese Bekanntmachung offiziell verfügbar ist: Deutsch

Veröffentlichungsnummer der Bekanntmachung: 332080-2025

ABl. S – Nummer der Ausgabe: 98/2025

Datum der Veröffentlichung: 22/05/2025