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Contract notice – utilities

Services

Legal Basis:

Directive 2014/25/EU

Section I: Contracting entity

I.1) **Name and addresses**

Official name: TenneT Offshore GmbH

National registration number: Amtsgericht Bayreuth: HRB 4516

Postal address: Bernecker Straße 70

Town: Bayreuth

NUTS code: DE Deutschland

Postal code: 95448

Country: Germany

Contact person: Carsten Heinrich

E-mail: carsten.heinrich@tennet.eu

Telephone: +49 5132892421

Internet address(es):

Main address: <https://www.tennet.eu/de/>

Address of the buyer profile: <https://platform.negometrix.com/PublishedTenders.aspx?tenderid=181444>

I.3) **Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://platform.negometrix.com/PublishedTenders.aspx?tenderid=181444>

Additional information can be obtained from another address:

Official name: TenneT Offshore GmbH

National registration number: Amtsgericht Bayreuth: HRB 4516

Postal address: Mergelfeld 25B

Town: Lehrte

NUTS code: DE Deutschland

Postal code: 31275

Country: Germany

Contact person: Carsten Heinrich

E-mail: carsten.heinrich@tennet.eu

Internet address(es):

Main address: <https://www.tennet.eu/de/>

Tenders or requests to participate must be submitted electronically via: <https://platform.negometrix.com/PublishedTenders.aspx?tenderid=181444>

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at: <https://platform.negometrix.com/PublishedTenders.aspx?tenderid=181444>

I.6) **Main activity**

Electricity

Section II: Object

II.1) **Scope of the procurement**

- II.1.1) **Title:**
Structural Health Monitoring (SHM)
- II.1.2) **Main CPV code**
51200000 Installation services of equipment for measuring, checking, testing and navigating
- II.1.3) **Type of contract**
Services
- II.1.4) **Short description:**
The Contractor's scope of services includes in particular the installation of a Structural Health Monitoring System (SHM System) on the HVDC platforms. On 9 HVDC platforms which are in operation, the installation of the SHM system shall be carried out offshore during operation. For the 3 HVDC platforms which are under construction or in the planning phase, the installation of the SHM system takes place in the respective shipyard during the construction phase. In connection with the installation of the SHM system, a platform-specific monitoring concept has to be developed that is based on periodic data determination. Therefore periodic reporting should be implemented. In addition to the immediate detection of beyond-design-basis events and changes in the foundation structure, this should also enable the total service life of the structures to be recorded mathematically.
- II.1.5) **Estimated total value**
Value excluding VAT: 3 250 000.00 EUR
- II.1.6) **Information about lots**
This contract is divided into lots: no
- II.2) **Description**
- II.2.2) **Additional CPV code(s)**
72200000 Software programming and consultancy services
51200000 Installation services of equipment for measuring, checking, testing and navigating
- II.2.3) **Place of performance**
NUTS code: DE Deutschland
Main site or place of performance:
North Sea - German Bight
Onshore installation:
Spain - Cadiz
and another shipyard which is not determined yet.
- II.2.4) **Description of the procurement:**
The contractor shall develop and install a monitoring concept for the support structures of the 12 platforms included in the tender scope. The monitoring concept should take into account, among others, the most important dynamic parameters to be determined for system identification, such as.
1. natural frequencies and mode shape
 2. damping
 3. vibration intensity
 4. trend maps
- Additional monitoring methods, such as strain gauges and inclination sensors, can also be used to enhance the results from the environmental vibration monitoring and to provide a complete system identification intended for checking the agreement between the computational model and the actual bearing behaviour. It is intended to include additional strain gauges for monitoring the HVDC platforms.
- The evaluation of the vibration behaviour should allow a root cause analysis to be carried out to identify the type of significant degradation caused by, for example, long-term corrosion, overloading, fatigue, scouring and

problems with grouted connections. Any damage caused by the above problems would lead to changes in the dynamic behaviour of the structure and should therefore be detected by the vibration monitoring system. It is important that the computational models are able to isolate the sources of damage, locate damaged areas and provide as much useful information as possible to identify the causes affecting structural integrity so that appropriate measures can be planned. This should be analysed and reported by the contractor on a regular basis.

II.2.5) **Award criteria**

Criteria below

Quality criterion - Name: Technical concept / Weighting: 35%

Quality criterion - Name: Contract terms / Weighting: 25%

Quality criterion - Name: HSE / Weighting: 5%

Price - Weighting: 35%

II.2.6) **Estimated value**

II.2.7) **Duration of the contract, framework agreement or dynamic purchasing system**

Start: 25/01/2022

End: 31/12/2026

This contract is subject to renewal: no

II.2.10) **Information about variants**

Variants will be accepted: no

II.2.11) **Information about options**

Options: yes

Description of options:

OPTION 1: Monitoring of the operating structure & substructure during temporary conditions

The Contractor must ensure that the SHM remains functional and provides reliable and accurate results of the structural behaviour during the load-out and sea transport. In particular, the fatigue damage accumulated during transport and ULS (extreme) loads that occur during transport are to be recorded

OPTION 2: Local scour monitoring

In addition to the basic SHM equipment, the Contractor must offer to install a local scour monitoring system for the platform foundation as an option. The scope of supply includes all required sensors, cabling, distribution boxes, fixings and other additional equipment.

The Contractor shall make the most use possible of the arrangement and fitments of the basic SHM system. Where possible, the cables are to be laid in existing cable routes and if additional wiring is required, this is to be provided by the Contractor. The scour sensors are

to be connected to the data acquisition system and integrated in the same frame as the SHM system. The Contractor is requested to install a Multibeam Sonar scour sensor for each location to evaluate the crater progress over time.

The final arrangement and the exact location of the sensor on each foundation to be monitored is agreed between the Contractor and the Client.

All specifications defined for the basic SHM also apply to this optional scope. Underwater activities should be avoided as far as possible, especially with respect to maintenance acquirements, and preventative maintenance activities should never be required more frequently than on an annual basis.

The following applies to both options: The Contractor must submit an offer for the services described above; the Client will also take this into account in its offer evaluation, but is not obligated to draw the negotiated options in the event that a concrete need materializes, but is free to also retender and award the optionally tendered scope.

II.2.13) Information about European Union funds

The procurement is related to a project and/or programme financed by European Union funds: no

II.2.14) Additional information

The client reserves the right to negotiate with a maximum of four candidates. The selection of candidates to be invited for negotiations after the submission of tenders will be based on the award criteria according to number II.2.5).

Section III: Legal, economic, financial and technical information**III.1) Conditions for participation****III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions:

Proof must be provided by presenting the following documents, which represent minimum conditions:

(a) Extract of professional or trade register

Proof of registration in a professional or trade register of the country in which the applicant is established, which must be no more than three months old at the time of expiry of the time limit for submitting an application for participation and

(b) Declaration that no grounds for exclusion under §§123,124 GWB exists (corresponding form Annex_A7) and

(c) Business organization

The applicant and each member of a bidding consortium shall submit a presentation of the business organization as part of their application for participation, including references to the business model (corresponding form Annex_A1 and, if applicable, form Annex_A2).

Please follow the instructions given in the "Procedure_guidelines" that can be downloaded from Negometrix. The form "Annex_A4" should be used for verification purposes.

In the event that the tenderer uses the capacity of another company to obtain the necessary professional, financial and technical qualifications under Sections III.1.1 to III.1.3 (e.g. group companies), the "Annex_A3" must be completed and handed in together with the request for participation (the relevant documents can be downloaded from Negometrix) by the tenderer in order to prove that other company/companies will be jointly and severally liable with.

The corresponding form Annex_A1-A4 and A7 can be downloaded via Negometrix and are to be submitted (uploaded) along with the application for participation of the applicant / tenderer.

III.1.2) Economic and financial standing

List and brief description of selection criteria:

- Annual reports (at least company balance sheet/profit and loss account) of the last 3 years must be submitted;
- Proof of a minimum of an average annual turnover of EUR 6,500.000.00 must be provided for the past three years;

- In the case of a consortium, the aforementioned turnover shall be based on the cumulative turnover of the consortium partners, whereby the total turnover of the group shall apply to each individual bidder or consortium

partner in the case of a group integration, provided that the bidder or consortium partner is 100% owned by the group parent company;

- Please provide proof of existing business liability insurance with customary market conditions (General Third Party Liability Insurance) to cover all possible claims of third parties from contractual and legal liability, i.e. a limit of at least EUR 3,000,000 per claim for personal injury, property damage and resulting financial loss.

The above-mentioned minimum coverage amounts can be demonstrated by a certificate from the insurer that the applicant is willing to cover the above-mentioned coverage amounts in the event of an award, including a letter of confirmation from the applicant to conclude these in the event of an award.

Please follow the instructions given in the "Procedure_guidelines" that can be downloaded from Negometrix. The form "Annex_A5" should be used for verification purposes.

In the event that the tenderer uses the capacity of another company to obtain the necessary professional, financial and technical qualifications under Sections III.1.1 to III.1.3 (e.g. group companies), the "Annex_A3" must be completed and handed in together with the request for participation (the relevant documents can be downloaded from Negometrix) by the tenderer in order to prove that other company/companies will be jointly and severally liable with.

The corresponding form Annex_A5 can be downloaded via Negometrix and are to be submitted (uploaded) along

with the application for participation of the applicant / tenderer.

III.1.3) **Technical and professional ability**

List and brief description of selection criteria:

- Certification according to ISO 9001:2015

- Evidence of at least 2 reference projects each, not longer than 3 years ago 1) that required planning and implementation of structural monitoring of offshore platforms and/or offshore wind turbines 2) that involved a continuous or periodic and automated method for determining and monitoring the condition correlating (operational) monitoring results with the analysis results of a reference FE model

- Availability of personnel with offshore certificates (GWO, HUET): minimum 4 latest at the time of commissioning.

- Availability of capacity in Q1 2022 to provide detailed design by mid-March 2022 and installation on DW6 as of mid-April 2022

Please follow the instructions given in the "Procedure_guidelines" that can be downloaded from Negometrix. The form "Annex_A6" should be used for verification purposes.

In the event that the tenderer uses the capacity of another company to obtain the necessary professional, financial and technical qualifications under Sections III.1.1 to III.1.3 (e.g. group companies), the "Annex_A3" must be completed and handed in together with the request for participation (the relevant documents can be downloaded from Negometrix) by the tenderer in order to prove that other company/companies will be jointly and severally liable with.

The corresponding form Annex_A6 can be downloaded via Negometrix and are to be submitted (uploaded) along

with the application for participation of the applicant / tenderer.

III.1.8) **Legal form to be taken by the group of economic operators to whom the contract is to be awarded:**

In the event that different bidders join together to form a consortium, the client will only accept a joint liability of the consortium.

A statement has to be made, using Annex A2, stating that all members of the consortium are jointly liable. Furthermore, a clear consortia leader must be appointed. Moreover, the exact bidder constellation has to be explained and the legal construction needs to be visualized. The consortium structure shown in the prequalification phase is considered as fixed and may not be changed in the further proceedings.

Section IV: Procedure

IV.1) Description

IV.1.1) Type of procedure

Negotiated procedure with prior call for competition

IV.1.3) Information about a framework agreement or a dynamic purchasing system

The procurement involves the establishment of a framework agreement

Framework agreement with a single operator

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: no

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date: 15/10/2021

Local time: 09:00

IV.2.3) Estimated date of dispatch of invitations to tender or to participate to selected candidates

IV.2.4) Languages in which tenders or requests to participate may be submitted:

English

IV.2.6) Minimum time frame during which the tenderer must maintain the tender

Tender must be valid until: 30/06/2022

Section VI: Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: no

VI.3) Additional information:

Please consider all documents are provided on Negometrix (<https://platform.negometrix.com/PublishedTenders.aspx?tenderid=181444>).

Please read carefully the "Procedure_guidelines" made available on Negometrix and follow the instructions given.

The application for participation must be submitted electronically via the Negometrix e-Tendering Platform, together with all the required information and supporting documents. Pre-submission of the application documents by email, post and fax is not permitted and may lead to an exclusion.

The requests to participate must be submitted in due time and completely by the deadline (see section IV.2.2). Late entries cannot be considered. Incomplete submitted documents may lead to exclusion.

All documents referred to in point III.1) "Conditions of participation" and the "Procedure_guidelines" in this call for tender have to be submitted. All attachments have to be submitted exclusively via Negometrix only. Please use the templates made available on Negometrix.

The client is entitled to transfer the rights and obligations of the subject matter of the contract to a special purpose vehicle (NewCo), irrespective of whether third parties have already participated as shareholders in this project company, or only after any transfer of this master agreement to such a project participate.

§57 SektVO entitles the client to discontinue the award procedure at any time.

The framework agreement is concluded without minimum purchase quantities.

On the basis of legitimate confidentiality interests, the client will make the tender documents available to the tenderer only after receipt of the confidentiality agreement signed by the tenderer. The NDA can be downloaded in Negometrix under the following link <https://platform.negometrix.com/PublishedTenders.aspx?tenderid=181444>

Authorized to call for this framework agreement are also companies affiliated with the client within the meaning of

§§ 15 ff. AktG.

Call-offs under this contract are made by the client (TenneT Offshore GmbH) and/or one of the following authorized entities:

- TenneT TSO GmbH,
- TenneT Offshore 1. Beteiligungsges. mbH,
- TenneT Offshore 9. Beteiligungsges. mbH,
- TenneT Offshore DoIWin3 GmbH & Co. KG,

VI.4) **Procedures for review**

VI.4.1) **Review body**

Official name: Regierung Mittelfranken — Vergabekammer Nordbayern
Town: Ansbach
Postal code: 91511
Country: Germany
E-mail: vergabekammer.nordbayern@reg-mfr.bayern.de
Telephone: +49 981531277
Fax: +49 981531837
Internet address: <http://www.regierung.mittelfranken.bayern.de>

VI.4.2) **Body responsible for mediation procedures**

Official name: Regierung Mittelfranken — Vergabekammer Nordbayern
Town: Ansbach
Postal code: 91511
Country: Germany
E-mail: vergabekammer.nordbayern@reg-mfr.bayern.de
Telephone: +49 981531277
Fax: +49 981531837
Internet address: <http://www.regierung.mittelfranken.bayern.de>

VI.4.3) **Review procedure**

Precise information on deadline(s) for review procedures:

The period of §160 Abs. 3 No. 4 GWB is explicitly pointed out. Accordingly, a claim for a review procedure(objection) is illegitimate, if more than 15 calendar days have passed after the client rejected to rectify this claim.

VI.4.4) **Service from which information about the review procedure may be obtained**

Official name: Regierung Mittelfranken — Vergabekammer Nordbayern
Town: Ansbach
Postal code: 91511
Country: Germany
E-mail: vergabekammer.nordbayern@reg-mfr.bayern.de
Telephone: +49 981531277
Fax: +49 981531837
Internet address: <http://www.regierung.mittelfranken.bayern.de>

VI.5) **Date of dispatch of this notice:**

14/09/2021