1. Buyer

1.1 Buyer

Official name:	TenneT TSO B.V.
Activity of the contracting entity:	Electricity-related activities

2. Procedure

2.1 Procedure

Title:	Dynamic Security Assessment (DSA) software and services
Description:	The business objective of this tender is to acquire high-quality Dynamic Security Assessment (DSA) software and services, such that TenneT is able implement and operationally deploy Online DSA functionalities to mitigate the risks of the evolving power system with regards to dynamic stability. The software tool for Dynamic Security Assessment (DSA) of an electric power grid, specifically Transient Stability Assessment evaluates a power system's ability to maintain synchronism when subjected to a large disturbance, such as a fault, line outage, or sudden loss of generation. It involves analyzing the dynamic response of generators and system components during and immediately after the disturbance to ensure the system can return to a stable operating state. The tender scope includes maintenance and support regarding the software tool as well as expertise/consultancy for during the implementation/integration phase and for during the operational phase. Optionally are functionalities regarding Voltage Stability Assessment, Small Signal Stability Assessment, RMS-EMT co-simulation as well as other current or future functionalities for evaluation of a power systems dynamic behaviour beyond those described above that are beneficial to a control room operator's situational awareness and decision making. The goals of this tender are as follows: Goal 1: Procure software tooling for Online DSA, including updates, bugfixes and new versions. Goal 2: Procure support expertise to facilitate TenneT's implementation and integration of the procured Online DSA tool. Goal 3: Procure third-line support during the Online DSA tool's operation at TenneT. Goal 4: Procure expertise as needed for optimizing TenneT's understanding and usage and operation of the Online DSA tool.
Procedure identifier:	a7232469-fd72-4654-b716-cf6554ef1ffd
Previous notice:	cb2eb542-a965-41ca-bb69-bf6b01f76bf1-01
Internal identifier:	EU-474
Type of procedure:	Open
The procedure is accelerated:	no
Main features of the procedure:	Open procedure which uses Best Value

2.1.1 Purpose

Main nature of the contract :	Services
Main classification (cpv):	72200000 Software programming and consultancy services
Additional classification (cpv):	48000000 Software package and information systems

2.1.2 Place of performance

Rijksoverheid

Postal address :	Utrechtseweg 310
Town:	Arnhem
Postcode:	6812 AR
Country subdivision (NUTS):	Arnhem/Nijmegen (NL226)
Country:	Netherlands
Additional information:	See documentation in Mercell

2.1.3 Value

Estimated value excluding VAT:	4 300 000 Euro

2.1.4 General information

Call for competition is terminated

Legal basis:

Directive 2014/25/EU

5. Lot

5.1 Lot technical ID: LOT-0000

Title:	Dynamic Security Assessment (DSA) software and services
Description:	The business objective of this tender is to acquire high-quality Dynamic Security Assessment (DSA) software and services, such that TenneT is able implement and operationally deploy Online DSA functionalities to mitigate the risks of the evolving power system with regards to dynamic stability. The software tool for Dynamic Security Assessment (DSA) of an electric power grid, specifically Transient Stability Assessment evaluates a power system's ability to maintain synchronism when subjected to a large disturbance, such as a fault, line outage, or sudden loss of generation. It involves analyzing the dynamic response of generators and system components during and immediately after the disturbance to ensure the system can return to a stable operating state. The tender scope includes maintenance and support regarding the software tool as well as expertise/consultancy for during the implementation/integration phase and for during the operational phase. Optionally are functionalities regarding Voltage Stability Assessment, Small Signal Stability Assessment, RMS-EMT co-simulation as well as other current or future functionalities for evaluation of a power systems dynamic behaviour beyond those described above that are beneficial to a control room operator's situational awareness and decision making. The goals of this tender are as follows: Goal 1: Procure software tooling for Online DSA, including updates, bugfixes and new versions. Goal 2: Procure support expertise to facilitate TenneT's implementation and integration of the procured Online DSA tool. Goal 3: Procure third-line support during the Online DSA tool's operation at TenneT. Goal 4: Procure expertise as needed for optimizing TenneT's understanding and usage and operation of the Online DSA tool.
Internal identifier:	EU-474

5.1.1 Purpose

Main nature of the contract :	Services
Main classification (cpv):	72200000 Software programming and consultancy services
Additional classification (cpv):	48000000 Software package and information systems
Quantity:	1

Rijksoverheid

Options:	
Description of the options:	See tender documents

5.1.2 Place of performance

Postal address:	Utrechtseweg 310
Town:	Arnhem
Postcode:	6812 AR
Country subdivision (NUTS):	Arnhem/Nijmegen (NL226)
Country:	Netherlands
Additional information:	See documentation in Mercell

5.1.3 Estimated duration

Duration:	4 Year

5.1.4 Renewal

Maximum renewals:	7
Other information about renewals:	Option of 7 renewals * 3 years.

5.1.5 Value

Estimated value excluding VAT:	4 300 000 Euro

5.1.6 General information

Procurement Project not financed with EU Funds.	
The procurement is covered by the Government Procurement Agreement (GPA):	yes

5.1.10 Award criteria

Criterion:	
Type:	Quality
Name:	Level of Expertise document
Description:	Substantiation of performance: maximum fictitious monetary value of € 4.600.000.
Criterion:	
Type:	Quality
Name:	Risk Management document
Description:	Risk Management of TenneT's risks: maximum fictitious monetary value of € 2.300.000
Criterion:	
Type:	Quality
Name:	Value Added document

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Description:	Propose value adds: maximum fictitious monetary value of € 2.300.000
Criterion:	
Type:	Price
Name:	Price
Description:	Tender Price as per Price model
Description of the method to be used if weighting cannot be expressed by criteria:	For this tender, the award criterion Most Economically Advantageous Tender (MEAT) is used, which is calculated based on the Best Price Quality Ratio (BPQR). The award method is 'award by value', whereby the Tender with the lowest evaluation price (fictitious tender price) is the Most Economically Advantageous Tender. To determine the Tender with the lowest evaluation price, the following formula is used: Evaluation Price = ''Price' - 'Total scored fictitious monetary value of Quality' Quality is divided into sub-awarding criteria which are based on the Best Value approach and are described in tender documentation. Each sub-awarding criterion has been assigned a maximum fictitious monetary value. All sub-awarding criteria of Quality together have a maximum fictitious monetary value of € 9.200.000.

5.1.15 Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16 Further information, mediation and review

Review organisation:	Rechtbank Gelderland, zittingsplaats Arnhem
Information about review deadlines:	See Mercell environment
Organisation providing additional information about the procurement procedure:	TenneT TSO B.V.
Organisation whose budget is used to pay for the contract:	TenneT TSO B.V.
Organisation executing the payment:	TenneT TSO B.V.
Organisation signing the contract:	TenneT TSO B.V.

6. Results

6.1 Result lot Identifier: LOT-0000

At least one winner was chosen.

6.1.2 Information about winners

Winner:

Official name:	Powertech Labs Inc

Tender:

Tender identifier:	Tender from Powertech Labs

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Identifier of lot or group of lots:	LOT-0000
The tender was ranked:	yes
Rank in the list of winners:	1
The tender is a variant:	no
Country of origin of the product or the service:	Canada
Subcontracting :	No

Contract information:

Identifier of the contract:	T146415
Title:	Dynamic Security Assessment software and services (DSA)
Date on which the winner was chosen:	11/08/2025
Date of the conclusion of the contract:	15/12/2025
Organisation signing the contract:	TenneT TSO B.V.

6.1.4 Statistical information

Summary of the review requests the buyer received:

Number of complainants:	0

Received tenders or requests to participate:

Type of received submissions:	Tenders
Number of tenders or requests to participate received:	3

8. Organisations

8.1 ORG-0001

Official name:	TenneT TSO B.V.
Registration number:	09155985
Postal address :	Utrechtseweg 310
Town:	Arnhem
Postcode:	6812AR
Country	

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subdivision (NUTS):	Arnhem/Nijmegen (NL226)
Country:	Netherlands
Contact point:	Dick Slaats
Email:	Dick.Slaats@tennet.eu
Telephone:	+31653809206
Internet address:	http://www.tennet.eu
Buyer profile:	https://s2c.mercell.com/buyer/1286

Roles of this organisation:

Buyer

Organisation providing additional information about the procurement procedure

Organisation signing the contract

Organisation whose budget is used to pay for the contract

Organisation executing the payment

8.1 ORG-0002

Official name:	Rechtbank Gelderland, zittingsplaats Arnhem
Registration number:	82940827
Postal address :	Walburgstraat 2-4
Town:	Arnhem
Postcode:	6811 CD
Country subdivision (NUTS):	Arnhem/Nijmegen (NL226)
Country:	Netherlands
Email:	infobalie.rb-gel.arnhem@rechtspraak.nl
Telephone:	+31 883612000
Internet address:	https://www.rechtspraak.nl/Organisatie-en-contact/Organisatie/Rechtbanken/Rechtbank-Gelderland/Paginas/default.aspx

Roles of this organisation:

Review organisation

8.1 ORG-0003

Official name:	Powertech Labs Inc
Size of the economic operator:	Medium
Registration number:	604
Postal address :	12388 88th Ave
Town:	Surrey
Postcode:	V3W 7R7
Country:	Canada
Contact point:	Jeff Bloemink
Email:	Jeff.Bloemink@powertechlabs.com
Telephone:	+1 6048027485

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Internet address:	http://www.powertechlabs.com
Roles of this organisation:	
Tenderer	
Winner of these lots:	LOT-0000

Notice information

Notice identifier /version:	e6452cee-9c4b-406a-83fd-673c498962ee - 01
Form type:	Result
Notice type:	Contract or concession award notice – standard regime
Notice dispatch date:	22/12/2025 08:07 +00:00
Notice dispatch date (eSender):	22/12/2025 08:07 +00:00
Languages in which this notice is officially available:	English

Rijksoverheid