1. Buyer

1.1 Buyer

Official name: TenneT TSO B.V.

2. Procedure

2.1 Procedure

Title: Voluntary Ex-Ante Transparency Notice for NFDTES – RTDS units

Description: VEAT Motivation TenneT TSO B.V., together with Delft University of Technology (TU Delft), participates in the National Facility Digital Twin Electricity System (NFDTES) initiative. NFDTES aims to develop advanced digital twin capabilities for the Dutch electricity grid, including real-time simulation of transmission and distribution networks, hardware-in-the-loop testing, large-scale power system modelling and research into system stability, resilience and HVDC integration. For more information see tender documents.

Procedure identifier: bbcb3180-95ea-456c-b33a-1bcadafa93f7

Internal identifier: 182c7375-2231-479d-9dbb-309f92714afa

Type of procedure: Negotiated without prior call for competition

2.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38970000 Research, testing and scientific technical simulator

Additional classification (cpv): 30230000 Computer-related equipment

2.1.2 Place of performance

Country: Netherlands

Anywhere in the given country

Additional information: See documentation

2.1.4 General information

Legal basis:

Directive 2014/25/EU

5. Lot

5.1 Lot technical ID: LOT-0000

Title: Voluntary Ex-Ante Transparency Notice for NFDTES – RTDS units

Description: VEAT Motivation TenneT TSO B.V., together with Delft University of Technology (TU Delft), participates in the National Facility Digital Twin Electricity System (NFDTES) initiative. NFDTES aims to develop advanced digital twin capabilities for the Dutch electricity grid, including real-time simulation of transmission and distribution networks, hardware-in-the-loop testing, large-scale power system modelling and research into system stability, resilience and HVDC integration. For more information see tender documents.

Internal identifier: e4c2fcb4-3579-4ab0-9e46-9df2f7d2fd96

5.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38970000 Research, testing and scientific technical simulator

Rijksoverheid

Additional classification (cpv):	30230000 Computer-related equipment
Options:	
Description of the options:	One off procurement of the RTDS hardware (including NovaCor chassis and associated components) and permanent software licenses (core licenses and system-specific functionalities).

5.1.2 Place of performance

Country:	Netherlands

Anywhere in the given country

Additional information:	See documentation

5.1.3 Estimated duration

Other duration:	Unlimited

5.1.6 General information

Procurement Project fully or partially financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA):	yes

5.1.16 Further information, mediation and review

Organisation providing additional information about the procurement procedure:	TenneT TSO B.V.
Organisation signing the contract:	TenneT TSO B.V.

6. Results

Direct award:	
Justification for direct award:	Partial replacement or extension of existing supplies or installations by the original supplier ordered under the strict conditions stated in the Directive
Other justification:	Due to the technical dependency on the existing TU Delft infrastructure, the implementation requires close coordination between TU Delft, the supplier and involved stakeholders, including TenneT.

6.1 Result lot Identifier: LOT-0000

6.1.2 Information about winners

Winner:	
Official name:	RTDS Technologies Inc
Tender:	
Tender identifier :	EU-509
Identifier of lot or group of lots:	LOT-0000
Contract information:	
Identifier of the	

Rijksoverheid

contract:	NFDTES – RTDS units
Organisation signing the contract:	TenneT TSO B.V.

8. Organisations

8.1 ORG-0001

Official name:	TenneT TSO B.V.
Registration number:	09155985
Postal address:	Utrechtseweg 310
Town:	Arnhem
Postcode:	6812AR
Country subdivision (NUTS):	Arnhem/Nijmegen (NL226)
Country:	Netherlands
Contact point:	Martijn Witsel
Email:	martijn.witsel@tennet.eu
Telephone:	+31618540068
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

8.1 ORG-0002

Official name:	RTDS Technologies Inc
Postal address:	150 Innovation Drive
Town:	Winipeg
Postcode:	R3T2E1
Country:	Canada

Roles of this organisation:

Tenderer

Winner of these lots:	LOT-0000

Notice information

Notice identifier /version:	a13b7ad0-4606-495b-85ef-47c97aa7998b - 02
Form type:	Direct award preannouncement
Notice type:	Voluntary ex-ante transparency notice
Notice dispatch date:	07/09/2026 09:57 +00:00
Notice dispatch date (eSender):	07/09/2026 09:57 +00:00
Languages in which this notice is	English

Rijksoverheid

officially
available:

Rijksoverheid