

1. Buyer

1.1 Buyer

Official name: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: General public services
:

2. Procedure

2.1 Procedure

Title: HPHT Triaxial Apparatus

Description: The objective of the proposed Contract is to supply, install, and provide training for a high end, high pressure and high temperature Triaxial Apparatus, including all necessary hardware, software, sensors, peripheral components, and infrastructure adaptations required for full operational readiness within the Geomechanics Laboratory. One, see procurement guide

Procedure identifier: 569d5ac8-0da0-45bf-982c-92fe641bb235

Internal identifier: WS3011436760

Type of procedure: Open

The procedure is accelerated: no

2.1.1 Purpose

Main nature of the contract: Supplies

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

Additional classification (cpv): 38540000 Machines and apparatus for testing and measuring

2.1.2 Place of performance

Country subdivision (NUTS): Utrecht (NL350)

Country: Netherlands

Additional information: Utrecht

2.1.4 General information

Additional information: Via TenderNed.

Legal basis:

Directive 2014/24/EU

5. Lot

5.1 Lot technical ID: LOT-0000

Title: HPHT Triaxial Apparatus

Description: The objective of the proposed Contract is to supply, install, and provide training for a high end, high pressure and high temperature Triaxial Apparatus, including all necessary hardware, software, sensors, peripheral components, and infrastructure adaptations required for full operational readiness within the Geomechanics Laboratory. One, see procurement guide

Internal identifier: 1

5.1.1 Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38970000 Research, testing and scientific technical simulator
Additional classification (cpv): 38540000 Machines and apparatus for testing and measuring

5.1.2 Place of performance

Country subdivision (NUTS): Utrecht (NL350)
Country: Netherlands
Additional information: Utrecht

5.1.3 Estimated duration

Duration: 24 Month

5.1.5 Value

Estimated value excluding VAT: 540 000 Euro

5.1.6 General information

Procurement Project not financed with EU Funds.

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

5.1.7 Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.8 Accessibility criteria

Accessibility criteria for persons with disabilities are not included with the following justification

Justification: Not applicable

5.1.10 Award criteria

Criterion:

Type: Price

Name: Price TP

Description: Total Price

Category of award threshold criterion: Weight (points, exact)

Award criterion number: 30

Criterion:

Type: Quality

Name: Preference 8.2.1 a: Maximum pressure

Description: Preference 8.2.1 a: Maximum pressure: ≥ 100 MPa: 50 points 70 to 99.9 MPa: 25 points < 70 MPa: 0 points

Category of award threshold criterion: Weight (points, exact)

Award criterion number: 5

Criterion:

Type: Quality

Name: Preference 8.2.1 b: Gas tight

Description:	Preference 8.2.1 b: Gas tight: yes: 30 points no: 0 points
Category of award threshold criterion:	Weight (points, exact)
Award criterion number:	3
Criterion:	
Type:	Quality
Name:	Preference 8.2.1 c: Corrosion resistant
Description:	Preference 8.2.1 c: Corrosion resistant: yes: 30 points no: 0 points
Category of award threshold criterion:	Weight (points, exact)
Award criterion number:	3
Criterion:	
Type:	Quality
Name:	Preference 8.2.1 d: Minimum Flow rate
Description:	Preference 8.2.1 d: Minimum Flow rate: < 1 µm/min: 60 points ≥ 1 µm/min: 0 points
Category of award threshold criterion:	Weight (points, exact)
Award criterion number:	6
Criterion:	
Type:	Quality
Name:	Preference 8.2.1 e: Maximum Flow rate
Description:	Preference 8.2.1 e: Maximum Flow rate: ≥ 100 mL/min: 60 points 10-99.9 mL/min: 30 points < 10 mL/min: 0 points
Category of award threshold criterion:	Weight (points, exact)
Award criterion number:	6
Criterion:	
Type:	Quality
Name:	Preference 8.2.1 f: Cylinder volume
Description:	Preference 8.2.1 f: Cylinder volume: ≥ 200 mL: 60 points 100-199.9 mL: 40 points 50-99.9 mL: 20 points < 50 mL: 0 points
Category of award threshold criterion:	Weight (points, exact)
Award criterion number:	6
Criterion:	
Type:	Quality
Name:	Preference 8.2.1 g: Pulse test circuit for permeability measurements
Description:	Preference 8.2.1 g: Pulse test circuit for permeability measurements: Yes: 60 points No: 0 points
Category of award threshold criterion:	Weight (points, exact)
Award criterion number:	6
Criterion:	
Type:	Quality

Name:	Preference 8.2.2: Capability to test 1.5" diameter samples
Description:	Preference 8.2.2 For flexibility regarding the type of samples to be tested, TNO would prefer if the HPHT Triaxial Apparatus has the capability to test samples of dimension : 1.5" or 38.1 mm diameter and a length to diameter ratio of at least 2:1: Yes: 100 points No: 0 points
Category of award threshold criterion:	Weight (points, exact)
Award criterion number:	10
Criterion:	
Type:	Quality
Name:	Preference 8.2.3: Ultrasonic velocity measurement system
Description:	Preference 8.2.3 The HTHP Triaxial apparatus would gain in characterization capability from an in-situ ultrasonic velocity measurement system (Vp and Vs) with its data acquisition software: Yes: 50 points No: 0 points
Category of award threshold criterion:	Weight (points, exact)
Award criterion number:	5
Criterion:	
Type:	Quality
Name:	Preference 8.2.4: Acoustic emission detection system
Description:	Preference 8.2.4 The HTHP Triaxial apparatus would gain in characterization capability from an in-situ acoustic emission detection system with its data acquisition software: 6 piezometer sensors: 50 points 4 piezometer sensors: 25 points 2 piezometer sensors: 10 points No acoustic emission detection system: 0 points
Category of award threshold criterion:	Weight (points, exact)
Award criterion number:	5
Criterion:	
Type:	Quality
Name:	Preference 8.2.5: Active cooling system
Description:	Preference 8.2.5 For sake of efficiency and in order to reduce experiment time duration, TNO would prefer a pressure cell designed with an active cooling system: Active cooling system: 50 points. No active cooling system: 0 points
Category of award threshold criterion:	Weight (points, exact)
Award criterion number:	5
Criterion:	
Type:	Quality
Name:	Preference 8.2.6: Delivery time
Description:	Preference 8.2.6 TNO attaches great value to short delivery time: Delivery between 1 up to and incl. 34 weeks after confirmation of contract: 50 points Delivery between 35 up to and incl. 43 weeks after confirmation of contract: 30 points Delivery between 44 up to and incl. 52 weeks after confirmation of contract: 15 points Delivery beyond 52 weeks after confirmation of contract: 0 points.
Category of award threshold criterion:	Weight (points, exact)
Award criterion number:	5

Criterion:

Type: Quality

Name: Preference 8.2.7: Warranty

Description: Preference 8.2.7: TNO would prefer if the warranty conditions detailed in requirement 8.1.15 is extended to: > 60 months: 50 points > 36 to 60 months: 30 points > 24 to 36 months: 15 points

Category of award threshold criterion: Weight (points, exact)

Award criterion number: 5

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: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO - Rechtbank Den Haag

Organisation providing additional information about the procurement procedure: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO

Organisation providing more information on the review procedures: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO

Organisation signing the contract: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO

6. Results

Value of all contracts awarded in this notice: 512 500 Euro

6.1 Result lot Identifier: LOT-0000

At least one winner was chosen.

6.1.2 Information about winners

Winner:

Official name: APS Antriebs Pruef und Steuertechnik GMBH

Tender:

Tender identifier: 1

Identifier of lot or group of lots: LOT-0000

Value of the tender: 512 500 Euro

The tender was ranked: no

The tender is a variant: no

Subcontracting: No

Contract information:

Identifier of the

contract: CON-0001
Title: P1 HPHT Triaxial Apparatus
Date on which the winner was chosen: 11/05/2026
Date of the conclusion of the contract: 03/06/2026
Organisation signing the contract: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO

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 submitted electronically

Number of tenders or requests to participate received: 3

Type of received submissions: Tenders from micro, small or medium tenderers

Number of tenders or requests to participate received: 1

Type of received submissions: Tenders

Number of tenders or requests to participate received: 3

Range of tenders:

Value of the lowest admissible tender: 510 000 Euro

Value of the highest admissible tender: 512 500 Euro

8. Organisations

8.1 ORG-0001

Official name: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
Registration number : 252056395
Postal address: Anna van Buerenplein 1
Town: Den Haag
Postcode: 2595 DA
Country subdivision (NUTS): Agglomeratie 's-Gravenhage (NL361)
Country: Netherlands
Contact point: Raymond Peddemors
Email: raymond.peddemors@tno.nl
Telephone: +31 888665653
Internet address: <http://www.tno.nl>

Other contact points:

Official name: Rechtbank Den Haag
Postal address: Prins Clauslaan 60
Town: Den Haag
Postcode: 2595 AJ
Country subdivision (NUTS): Agglomeratie 's-Gravenhage (NL361)
Country: Netherlands
Contact point: Voorzieningenrechter
Email: arjan.verhoeven@tno.nl
Telephone: +31 888668570
Internet address: <http://www.rechtspraak.nl>

Roles of this organisation:

Buyer

Organisation providing additional information about the procurement procedure

Review organisation

Organisation providing more information on the review procedures

Organisation signing the contract

8.1 ORG-0002

Official name: APS Antriebs Pruef und Steuertechnik GMBH
Size of the economic operator: Micro, small, or medium
Registration number : 1479649
Postal address: GOETZENBEREITE 12
Town: ROSDORF
Postcode: 37124
Country subdivision (NUTS): Göttingen (DE91C)
Country: Germany
Contact point: Morteza Mirdarsoltani
Internet address: <http://www.wille-geotechnik.com>

Roles of this organisation:

Tenderer

Winner of these lots: LOT-0000

Notice information

Notice identifier /version: 73a3af33-4dcf-485a-bba1-2a17adf3473e - 01
Form type: Result
Notice type: Contract or concession award notice – standard regime
Notice dispatch date : 24/06/2026 16:55 +02:00
Languages in which this notice is officially available: English