

12/10/2023

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: CO2 Flow Loop unit

Description: TNO is developing an experimental installation with which the behaviour of CO2 can be studied at various conditions along the phase boundary. This installation consists of a CO2 conditioning system, a measurement section referred to as the "System Under Test", the CO2 filling system, a 10 ft container and supporting structures. The installation will be denoted as CO2 Flow Loop unit throughout the tender documents. 1

Procedure identifier: d0acbb70-e893-4533-acb0-3c1b552e4988

Internal identifier: 2023 FPL/INK 100

Type of procedure: Open

The procedure is accelerated: No

2.1.1 Purpose

Nature of the contract: Supplies

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

2.1.2 Place of performance

Country: Netherlands

Anywhere in the given country

Additional information: Rijswijk

2.1.4 General information

Legal basis:

Directive 2014/24/EU

2.1.6 Grounds for exclusion

Description: [Exclusion grounds are defined in the procurement documents or in TenderNed] ---

5. Lot

5.1 Lot:LOT-0000

Title: CO2 Flow Loop unit

Description: TNO is developing an experimental installation with which the behaviour of CO2 can be studied at various conditions along the phase boundary. This installation consists of a CO2 conditioning system, a measurement section referred to as the "System Under Test", the CO2 filling system, a 10 ft container and supporting structures. The installation will be denoted as CO2 Flow Loop unit throughout this document. The 10 ft container will be denoted as Control container throughout the tender documents. 1

Internal identifier: 1

5.1.1 Purpose

Nature of the contract: Supplies

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

5.1.2 Place of performance

Country: Netherlands

Anywhere in the given country

Additional information: Rijswijk

5.1.3 Estimated duration

Duration: 154DAY

5.1.6 General information

Reserved participation: None

Procurement Project not financed with EU Funds.

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

5.1.9 Selection criteria

Criterion:

Type: Economic and financial standing

Name: E1 Verzekering

Description: De Inschrijver dient verzekerd te zijn tegen wettelijke aansprakelijkheid, waaronder mede begrepen de verzekering van de beroeps en bedrijfsaansprakelijkheid, met een dekking van minimaal €1.250.000,- per schadeveroorzakende gebeurtenis of reeks van samenhangende gebeurtenissen, dan wel bereid en in staat te zijn ingeval van voorgenomen gunning een dergelijke verzekering af te sluiten.

Use of this criterion: Used

Criterion:

Type: Suitability to pursue the professional activity

Name: E2 Beroepsbevoegdheid

Description: De Inschrijver dat hij volgens de voorschriften van de lidstaat waarin hij is gevestigd, in het beroepsregister of in het handelsregister is ingeschreven.

Use of this criterion: Used

Criterion:

Type: Suitability to pursue the professional activity

Name: E3 Geen crimineel verleden

Description: De inschrijver of gegadigde is niet bij een rechterlijke uitspraak die kracht van gewijsde heeft, veroordeeld op grond van: a. deelneming aan een criminele organisatie in de zin van artikel 2, eerste lid, van Gemeenschappelijk Optreden 98/733/JBZ van de Raad, (PbEG 1998, L 351);b. omkoping in de zin van artikel 3 van het besluit van de Raad van 26 mei 1997 (PbEG 1997, L 195) respectievelijk artikel 3, eerste lid, van Gemeenschappelijk Optreden 98/742/JBZ van de Raad (PbEG 1998, L 358);c. fraude in de zin van artikel 1 van de overeenkomst aangaande de bescherming van de financiële belangen van de Gemeenschap (PbEG 1995, C 316);d. witwassen van geld in de zin van artikel 1 van richtlijn nr. 91/308/EEG van de Raad van 10 juni 1991 tot voorkoming van het gebruik van het financiële stelsel voor het witwassen van geld (PbEG L 1991, L 166) zoals gewijzigd bij richtlijn nr. 2001/97/EG van het Europees Parlement en de Raad (PbEG L 2001, 344). Als veroordelingen als bedoeld onder a, b, c, of d worden in ieder geval aangemerkt veroordelingen op grond van artikel 140, 177, 177a, 178, 225, 226, 227, 227a, 227b of 323a, 328ter, tweede lid, 420bis, 420ter of 420quater van het Wetboek van Strafrecht.

Use of this criterion: Used

Criterion:

Type: Suitability to pursue the professional activity

Name: E4 Uitsluitingsgronden

Description: Alle in de Eigen verklaring (UEA) door de aanbestedende dienst aangevinkte uitsluitingsgronden zijn niet op u van toepassing.

Use of this criterion: Used

Criterion:

Type: Other

Use of this criterion: Not used

5.1.10 Award criteria

Criterion:

Type: Quality

Name: 8.15.1 Management and coordination

Description: The project involves various technical disciplines and supply chains. In order to make the project a success, a well-thought through management plan needs to be formulated. TNO expects a management plan that at least involves a strategy that ensures all resources and supply chains are kept (technically) informed and aligned with the schedule, and contingency strategies to ensure the delivery and delivery time are not affected by unforeseen events. Please describe - your management and coordination capabilities to execute the work in a timely manner, - a description of the control measures you have in place to ensure the schedule is met, - a description of alternatives or measures you have available should a delay occur, for example in relation to delivery of materials, Tenderer's answer must be not more than 3 A4 pages, according to the instructions in Paragraph 6.1. For this award criterium a maximum score of 200 points can be achieved.

Weight (points, exact): 20

Criterion:

Type: Quality

Name: 8.15.2 Earlier delivery

Corresponding to requirement 8.14.1 the CO2 Flow Loop unit must be delivered and installed at TNO premises no later than 22 weeks after Contract award. TNO attaches great value to earlier delivery. Contractor will be awarded points for each week the CO2 Flow Loop unit is delivered and installed at TNO premises sooner than 22 weeks after Contract award. In contrast to the scoring methodology as mentioned in (the table from) section 6.1.2, the scoring of this preference is done as follows. For this award criterium a maximum score of 120 points can be achieved, according to schedule below: • Delivery before the 19th week after Contract award: 120 points • Delivery within the 19th week after Contract award: 90 points • Delivery within the 20th week after Contract award: 60 points • Delivery within the 21st week after Contract award: 30 points • Delivery within the 22nd week after Contract award: 0 points

Weight
(points,
exact): 12

Criterion:

Type: Quality

Name: 8.15.3 Engineering and quality

TNO values high-quality of the final deliverable of the project. To realize this, processes leading up to the deliverable must show attention to detail with respect to quality of work, quality assurance and quality control. To ensure that the deliverables from the project are in line with expectations, TNO values a detailed description of the technical activities and the processes that are in place with Contractor to ensure high-quality of the work. Therefore, describe your proposal for • Detail engineering. As described in requirement 8.1.4Error! Reference source not found.Error! Reference source not found., the detail engineering must be done via a phased approach. TNO expects a detailed description of technical activities, adopted methodology and results during each intermediate stage. In your answer, describe at least - The engineering steps in each (intermediate) phase and foreseen results - Applicable norms and standards you propose to use in each intermediate phase • Quality control and quality assurance of the work. TNO expects information on the process of quality control and quality assurance during the work, and any procedures that are followed during detail engineering, manufacturing and realisation. In your answer, describe at least the internal quality control procedures during detail engineering and a description of internal manufacturing quality assurance towards reliability and integrity, such as testing of welded parts. Tenderer's answer must be not more than 4 A4 pages, according to the instructions in Paragraph 6.1. For this award criterium a maximum score of 280 points can be achieved.

Weight
(points,
exact): 28

Criterion:

Type: Price

Name: Price (TP)

The Tender which offers the lowest Total Price (TP), corresponding to the lowest amount calculated for the total price, will be awarded the maximum of 400 points. Other Tenders will be scored pro rata in inverse proportion to the lowest Total Price (TP).

Weight
(points,
exact): 40

5.1.11 Procurement documents

Access to certain procurement documents is restricted

Information
about
restricted
documents
is available
at:

[<https://www.tenderned.nl/aankondigingen/overzicht/313292/details>] ---

5.1.12 Terms of procurement

Terms of submission:

Electronic
submission: Required

Address for
submission: <https://www.tenderned.nl/aankondigingen/overzicht/313292/details>

Languages
in which
tenders or
requests to
participate
may be
submitted:

Dutch

Electronic
catalogue: Not allowed

Variants: Not allowed

Deadline for
receipt of
tenders: 2023-12-21+01:0013:30:00+01:00

Information about public opening:

Date/time: 2023-12-21+01:0013:31:00+01:00

Terms of contract:

Electronic
invoicing: Required

5.1.15 Techniques

Framework agreement:

None

Information about the dynamic purchasing system:

None

5.1.16 Further information, mediation and review

Review
organisation: [Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO] ---

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

Organisation
providing
more

information [Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO] ---
on the
review
procedures:
Organisation
receiving [Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO] ---
requests to
participate:

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: Netherlands
Contact point : Raymond Peddemors
Email: raymond.peddemors@tno.nl
Telephone: +31 634005071
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: Netherlands
Email: arjan.verhoeven@tno.nl
Telephone: +31 888668570

Roles of this organisation:

Buyer

Organisation providing additional information about the procurement procedure

Organisation receiving requests to participate

Review organisation

Organisation providing more information on the review procedures

11. Notice information

11.1 Notice information

Notice identifier 1b0f95b9-12ff-49f2-a2d8-2c7c8783cd1d-01
/version:

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice

dispatch date 2023-10-12+02:0013:50:55.240114+02:00

:

Languages

in which

this notice is English

officially

available:

11.2 Publication information