

09/01/2024

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

Additional information: No tenders/quotes were submitted and no requests to participate were received.

Legal basis:

Directive 2014/24/EU

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

Procurement Project not financed with EU Funds.

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

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

Description: 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

5.1.15 Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system

No dynamic purchase system

Electronic auction:

5.1.16 Further information, mediation and review

Review organisation: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO

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

6. Results

Value of all contracts awarded in this procedure: 0EUR

6.1 Result Lot Identifier: LOT-0000

No winner was chosen and the competition is closed.

The reason why a winner was not chosen: No tenders, requests to participate or projects were received

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

Review organisation

Organisation providing more information on the review procedures

11. Notice information

11.1 Notice information

Notice

identifier c75b704a-7ab1-4b45-ac04-933410389e83-01

/version:

Form type: Result

Notice type: Contract or concession award notice – standard regime

Notice

dispatch date 2024-01-09+01:0011:22:30.548681+01:00

:

Languages

in which

this notice is English

officially

available:

11.2 Publication information