



Project:

Caeli laser and maintenance of the laser.

Descriptive document European Public Tender Procedure	
Type of Procedure	Open procedure in accordance with the Dutch Public Procurement Act of 2012.
Client	Royal Netherlands Meteorological Institute (KNMI)
Contracting Authority	State of the Netherlands, Ministry of Infrastructure and Water Management
Version	1.0
Status	Final version
Date	24-12-2025

TABLE OF CONTENTS

1	THE ASSIGNMENT.....	4
1.1	Description and scope of the assignment.....	4
1.1.1	Introduction	4
1.1.2	Contracting Authority and Client	4
1.1.3	Duration and scope of the Agreement.....	4
1.1.4	Revision clause.....	5
1.2	Lots.....	5
1.3	Draft agreement and terms and conditions of the Agreement.....	5
1.4	Functional and/or technical specifications	6
1.4.1	Brand names.....	6
1.6	Sustainability and Corporate Social Responsibility	6
1.7	Provisions regarding taxation, environmental protection, labour protection, and terms and conditions of employment.....	6
2	REQUIREMENTS FOR THE TENDERER	7
2.1	One Proposal – independently or as a partnership	7
2.1.1	Independent Proposal.....	7
2.1.2	Partnership	7
2.2	Subcontracting.....	7
2.2.1	Drawing upon resources of third parties.....	7
2.2.2	Other subcontractors.....	8
2.3	Mandatory grounds for exclusion	8
2.3.1	General	8
2.4	Optional grounds for exclusion	9
2.5	Eligibility Requirements.....	10
2.5.1	Professional authority	10
2.5.2	Financial and economic capacity	10
2.5.3	Technical and professional competence	11
2.6	Exclusion or rejection of a Tenderer.....	11
3	THE TENDER	13
3.1	Requirements	13
3.2	Award criterion	13
3.2.1	14

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

3.2.2	Sub-award criterion Quality.....	14
3.3	Variations	15
3.4	Documents to be submitted	15
4	PROCEDURAL PROVISIONS	16
4.1	Notice, Tender and submission period.....	16
4.2	Communication	17
4.3	Language	17
4.3.1	Questions and objections	18
4.4	Assessment of Tenderer and Proposal.....	18
4.5	Evaluation committee	19
4.6	Notification of Agreement award decision	19
4.7	Suspension / discontinuing Tender	20
4.8	Reimbursement of costs.....	20
4.9	Confidentiality.....	20
5.	LEGAL PROTECTION	21
5.1	Complaints desk / Commission of Tender Experts.....	21
5.2	Preliminary relief proceedings	21
	ABBREVIATIONS AND GLOSSARY	22
	APPENDICES.....	23

APPENDICES:

- Appendix 1: Draft agreement
- Appendix 2: General terms and conditions: ARIV 2018
- Appendix 3: Schedule of Requirements
- Appendix 4: European Single Procurement Document
- Appendix 5: Model Reference projects
- Appendix 6: Pricing sheet
- Appendix 7: Market consultation report

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

1 THE ASSIGNMENT

The Contracting Authority hereby invites Tenderer to submit a proposal for the European tender of the DPSS Nd:YAG laser system for the multiwavelength Raman lidar Caeli, hereafter referred to as the Caeli laser, and maintenance of the laser.

The procedure used is the open procedure under the Public Procurement Act of 2012.

The procedure is fully electronic via the online Tender Platform TenderNed. Further information on using TenderNed can be found [here](#).

1.1 Description and scope of the assignment

1.1.1 Introduction

The Cabauw Atmospheric Research Station requires the procurement of a new diode-pumped laser system. The current laser is 23 years old and was originally built by RIVM. In 2011, the laser system was transferred to KNMI. Due to its age, the system needs to be replaced.

The lidar system is actively used in international networks, particularly ACTRIS and GRUAN, and is part of the suite of instruments at the Cabauw atmospheric research station that provide detailed information on the vertical structure of the atmosphere.

The Caeli lidar continuously and simultaneously measures water vapour, clouds, and aerosols. The laser system is used as part of the Caeli lidar instrument, together with an external cooling system and associated maintenance.

This contract concerns the delivery of one (1) laser, including maintenance, under an agreement with a term of ten (10) years. In addition to the laser, a laser engineer is required to perform on-site maintenance at KNMI.

The lidar, of which the laser is an essential component, simultaneously measures water vapour, clouds, and aerosols. This system uses multiple wavelengths to obtain detailed information on various atmospheric components. The data generated provide valuable insights into air quality, climate change, and atmospheric processes.

The purpose of this contract is the delivery of a new diode-pumped laser, including on-site maintenance at KNMI. Given the intended long contract duration, there is a significant likelihood of component wear, making structural maintenance essential.

Initially, it was decided to launch an open procedure in the market. However, the project team experienced a degree of uncertainty regarding the number of suitable suppliers available. For this reason, the decision was made to first conduct a market consultation. Following the market consultation, the scope has been more precisely defined and the technical requirements have been further refined. The market consultation report is attached in Appendix 7.

1.1.2 Contracting Authority and Client

The Contracting authority is the State of the Netherlands, Ministry of Infrastructure and Water Management. The Tender will be carried out on behalf of the Royal Netherlands Meteorological Institute (KNMI) by the Ministry of Infrastructure and Water Management.

1.1.3 Duration and scope of the Agreement

The duration and scope of the Agreement are as follows:

- The Caeli laser is part of a Lidar system, designed to continuously and simultaneously measure water vapor, clouds, and aerosols. The contract has a duration of ten (10) years.
- In addition to the laser system, there is a requirement for a laser engineer to perform on-site maintenance of the Caeli laser at the KNMI location.

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

The following are outside the scope of this contract:

- Procurement of the external cooling system. In consultation with the Ministry of Infrastructure and Water Management (IenW) and the project leader, it was decided to tender the external cooling system separately. This decision is based on the contract value (less than €25,000 excluding VAT) and market structure.
- Installation of the laser.

The tender includes the delivery of the Caeli laser, along with the corresponding maintenance. Based on the market insights gained and the refinement of the requirements, the project team has prepared a more accurate estimate of the contract value:

- The estimated value for the Caeli laser is €371.000,- (excluding VAT) and does not include maintenance.
- The total estimated value of the ten (10) year during contract, including maintenance, is €503.333,33.

1.1.4 Revision clause

During the term of the Agreement, the Client reserves the right to change the Agreement as follows:

- The supplier is allowed to apply price indexations for the maintenance part of the agreement.
- The price indexations apply to the service engineer who is responsible for the maintenance of the laser.
- Price indexations will take place once per calendar year on the 1st of January, starting from the second year of the contract.
- Price indexations for hourly rates and maintenance are based on the Services Producer Price Index (SPPI), averaged over the preceding four (4) quarters, as published on the CBS website (<https://www.cbs.nl>) for the information and communication category.

1.2 Lots

The Agreement will not be divided into lots.

There are no separate lots, as there is a strong interconnection between the laser and its maintenance. The functioning of the laser directly depends on correct, timely, and specialized maintenance. By combining these components: 1) responsibility is clearly assigned to a single supplier, which simplifies warranty agreements and service provision and 2) coordination issues and risks are minimized.

1.3 Draft agreement and terms and conditions of the Agreement

The assignment shall be carried out in accordance with the draft agreement as attached to this Descriptive document in Appendix 1. Only the General government purchasing conditions 2018 (ARIV 2018) shall apply to the Agreement as the applicable general terms and conditions. See Appendix 2.

The applicability of the Tenderer's and third parties' general terms and conditions of delivery is expressly excluded.

The Ministry of Infrastructure and Water Management reserves the right, in the event of early termination of the Agreement, to award the Agreement to the next-ranked (2nd place) Tenderer, provided that this Tenderer is willing to uphold its original bid. This provision may only be exercised within a reasonable period following the conclusion of the Purchase and supply Agreement, which the Ministry considers to be twelve months.

1.4 Functional and/or technical specifications

The functional and/or technical requirements for the performance of the assignment are described in the Schedule of Requirements (Appendix 3) to this Descriptive document.

By submitting a Proposal, the Tenderer irrevocably accepts all requirements, terms and conditions stipulated in this Descriptive Document and all Appendices associated with this Descriptive Document.

Tenderer must ensure that there can be no misunderstandings regarding the Tender in relation to the price quoted.

Throughout the entirety of the term of the Agreement, Tenderer must continuously comply with the Schedule of Requirements, the technical specifications, and all other applicable requirements, terms and conditions.

Tenderer must submit a document with their Proposal that includes the technical documentation of the laser. This document demonstrates that Tenderer complies with all requirements (and wishes), mentioned in the of the Schedule of Requirements (Appendix 3), but also elaborates on how Tenderer complies with all the requirements. This technical documentation will be attached to the Agreement to be concluded.

1.4.1 Brand names

If a specific brand or quality mark is mentioned in the Schedule of Requirements, this is only intended to be an example. In that case, the Contracting Authority means this brand or quality mark or equivalent.

1.6 Sustainability and Corporate Social Responsibility

The central government fosters Corporate Social Responsibility. This is a business concept in which the human and environmental factors are included in business decisions and in the assessment of business results in addition to the profit factor. This Tender includes requirements and criteria in terms of environment, supply chain responsibility, and social return.

1.6.1 Environmental criteria

The environmental criteria established by the central government have been incorporated in the Schedule of Requirements (Appendix 3) as sub-award criterion.

1.7 Provisions regarding taxation, environmental protection, labour protection, and terms and conditions of employment

Tenderers may access details about taxation, environmental regulations, labour protection, and employment terms applicable in the Netherlands by visiting <http://www.rijksoverheid.nl> (see 'Ministeries').

- Ministry of Finance, with regard to taxation;
- Ministry of Economic Affairs and Climate with regard to environmental protection;
- Ministry of Social Affairs and Employment with regard to employment protection and working conditions.

By submitting a Proposal, Tenderers confirm compliance with Dutch tax, environmental, labour, and working condition requirements.

2 REQUIREMENTS FOR THE TENDERER

This section outlines the exclusion grounds, eligibility requirements, and selection criteria for Tenderers. Each requirement specifies which documents Tenderer must include in their Proposal.

2.1 One Proposal – independently or as a partnership

An organisation is permitted to submit only one (1) Proposal, either independently or as part of a consortium (including main contractor – subcontractor or constructions), with such submission counting as a single organisation

Should an organisation submit a Proposal both on its own and jointly within a consortium, only the consortium's Proposal will be evaluated; the independent submission will be disqualified.

Each organisation or group may submit only one Proposal, unless Tenderers can demonstrate that their submissions were prepared autonomously. Inability to provide evidence of independent preparation will result in the exclusion of all related Proposals.

2.1.1 Independent Proposal

Should Tenderer elect to submit a Proposal independently, kindly complete the European Single Procurement Document (ESPD) in full. Please ensure that Sections A and B of Part II, as well as Parts III, IV, and VI, are duly filled out. In the event that the Contracting Authority issues a written request, Tenderer is also required to provide all relevant supporting documentation.

2.1.2 Partnership

Tenderers are permitted to submit a Proposal as part of a consortium with other entities. In the case of joint participation, this must be explicitly indicated, specifying the respective role of each member (for example, authorised representative or task lead) within the ESPD.

Each consortium participant is required to complete and submit an individual ESPD, encompassing Sections A and B of Part II, as well as Parts III, IV, and VI, together with all supporting documentation requested by the Contracting Authority.

All consortium partners shall bear joint and several liability for the execution of the agreement.

Kindly note: Alterations to the partnership composition during the Tender procedure are strictly prohibited.

2.2 Subcontracting

2.2.1 Drawing upon resources of third parties

Should Tenderer intend to rely upon the resources of a third party—such as a holding organisation, another legal entity, or an individual—to meet the eligibility requirements, this must be appropriately indicated in the ESPD. Your submission should explicitly delineate which specific eligibility criteria are to be fulfilled through recourse to the third party's resources.

The nominated third party is likewise required to complete and submit an ESPD, with particular attention to Sections A and B of Part II, as well as Parts III, IV, and VI. Completion of these sections serves not only to attest to the third party's suitability for participation in the assignment, but also to confirm the absence of any exclusion grounds, as prescribed in Part III of the ESPD.

Upon request by the Contracting Authority, the main contractor (Tenderer) shall provide all requisite supporting documentation, encompassing those relating to any subcontractor (third party).

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

Kindly note: Engagement of a subcontractor does not affect the principal liability of the Tenderer, who retains overarching responsibility for the execution of the assignment as the main contractor.

2.2.2 Other subcontractors

In addition to the aforementioned third party or parties, it may be permissible for additional entities to be engaged to execute specific portions of the assignment during the term of the Agreement or other related agreements, subject to the prior approval of the Contracting Authority. Such entities shall be designated as subcontractors, and their involvement is not requisite for compliance with eligibility criteria.

Although not obligatory, Tenderers may indicate within their Proposal an intention to engage one or more subcontractors for the execution of segments of the assignment. Should this be the case, such information ought to be disclosed in Part II D of the ESPD, specifying the relevant aspects of the assignment and, if available, the identities of the proposed subcontractors.

You will only be required to submit a ESPD for the third parties referred to above in Tenders ESPD at the request of the Contracting Authority. This request will be made after tendering. In this case, this subcontractor must complete sections A and B of Part II, Part III, and Part VI of the ESPD. The main contractor (Tenderer) - upon written request by the Contracting Authority - must submit the ESPD and any further supporting documents on behalf of the subcontractor.

The assignment may only be performed by the contractor(s) in question if there are no grounds for exclusion as referred to in Part III of the ESPD and the Contracting Authority has given its consent.

Collaboration with a subcontractor does not affect the liability of the Tenderer, as the main contractor, for the implementation of the assignment.

2.3 Mandatory grounds for exclusion

2.3.1 General

Tenderers are required to confirm, in the ESPD, that the exclusion grounds specified in Part III (Article 2.86, Public Procurement Act) are not applicable to their organisation by duly completing sections A and B. Should a Tenderer be selected for awarding, legal supporting documentation must be provided within ten (10) working days upon request of the Contracting Authority, demonstrating that the exclusion grounds do not pertain to the Tenderer or any subcontractors.

For Dutch organizations, such documents include:

Grounds for Exclusion	Evidence
A statement from the Tax and Customs Administration (Article 2.89 (3) of the PPA)	This statement may not be older than six months, from the time of submission of Proposal
Statement of Good Conduct regarding Tendering (Article 2.89 (2) of the PPA)	This statement may not be older than two years, from the time of submission of Proposal

Kindly note: The process of applying for and obtaining these documents may entail a considerable period of time. It is strongly recommended that applications be submitted well in advance to ensure timely processing.

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

Supporting documents may differ from per country. The European Commission's database, [e-Certis](#) provides an overview of supporting documents used in the European member states.

Should an equivalent document not be available within the organisation's country, it is permissible instead submit a sworn statement or written declaration issued by a competent authority. [\(EU\) Council Regulation 2022/576](#) on Russian companies.

The fifth sanctions package enacted by the Council of the European Union prohibits Russian parties from participating in European tenders. This measure was introduced through [\(EU\) Council Regulation 2022/576](#) on 8 April 2022 and is directly applicable in all member states.

Furthermore, there are substantial restrictions with respect to access to, or utilisation of, third-party resources involving Russian entities.

Submitting a Proposal constitutes acknowledgment and confirmation of compliance with the aforementioned Regulation.

2.4 Optional grounds for exclusion

In the ESPD, Tenderer is required to declare whether the optional exclusion grounds outlined in Part III (Article 2.87 of the Public Procurement Act) are applicable. Please indicate 'yes' or 'no' in Part III C, and respond to any supplementary questions as necessary.

Should Tenderer be selected, Tenderer must provide supporting legal documentation within ten working days to demonstrate that these exclusion grounds do not pertain to either contractor self or subcontractor.

In instances where any exclusion ground is applicable, Dutch organizations are obliged to submit the corresponding supporting documents:

Grounds for Exclusion	Supporting document	Explanatory note
Bankruptcy or liquidation (Article 2.87 (1)(b) of the PPA)	Extract from the trade register	This extract may not be older than six months, from the time of submission of Proposal
Optional grounds for exclusion: Distortion of competition (Article 2.87 (1)(c) and (d) of the PPA)	Statement of Good Conduct regarding Tendering (also mentioned in Section 2.3)	This statement may not be older than two years, from the time of submission of Proposal
Optional grounds for exclusion: Payment of taxes or social security contributions (Article 2.87 (1)(j) of the PPA)	A statement from the Tax and Customs Administration (Article 2.89 (3) of the PPA) (also mentioned in Section 2.3)	This statement may not be older than six months, from the time of submission of Proposal
Other optional grounds for exclusion: breach of obligations based on environmental, social or	If applicable, Tenderer must submit supporting documents relating to the relevant optional grounds for exclusion. There is no prescribed format for these submissions.	

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

labour law, ¹ conflict of interest, involvement in preparation, and/or false statements, exerting influence on decision-making process (Article 2.87 (1)(a),(e),(f),(g),(h) and/or (i) of the PPA)		
---	--	--

Supporting documents may differ from per country. The European Commission's database, [e-Certis](#) provides an overview of supporting documents used in the European member states.

2.5 Eligibility Requirements

The following eligibility requirements are required:

1. Professional authority;
2. Financial and economic capacity;
3. Technical and professional competence (references);
4. Quality assurance.

Tenderer must declare in Part IV of the ESPD if the required eligibility requirements are met.

2.5.1 Professional authority

Tenderers are required to be registered in the appropriate professional or trade registry. Upon request by the Contracting Authority, evidence of such registration—such as an extract from the Chamber of Commerce for the Netherlands, or an equivalent document from another jurisdiction—must be included in the Proposal. This extract must not predate the Proposal submission by more than six months.

In the case of a consortium, each participant is obligated to provide the necessary extract upon request.

Kindly note that only electronically submitted, digitally authenticated extracts shall be deemed legally valid; printed or scanned copies, even if certified, will not be accepted.

2.5.2 Financial and economic capacity

Tenderers must be able to prove that their organization is financially capable to perform the assignment, as assessed under the ARIV 2018 (see Appendix 2). To be able to determine this, the following applies:

Tenderer must have a Corporate Liability insurance for an amount of at least € 1.250.000,00 per event and € 2.500.000,00 per year. If Tenderer cannot yet comply with this requirement, Tenderer must enclose a document (quotation) from an insurance company indicating that it wishes to increase the coverage to at least the set amount.

If the Tenderer is eligible for being awarded the Agreement, Tenderer must submit an appropriate banker's opinion and/or proof of business risk insurance within ten (10) working days of a written request.

¹You can obtain information on obligations for provisions regarding taxation, environmental protection, labour protection, and terms and conditions of employment prevailing in the Netherlands on the website <http://www.rijksoverheid.nl>

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

If Tenderer wishes to call upon the resources of a third party for the financial capacity, for instance by making use of the insurance taken out by the organisation, Tenderer must submit the Tenderer's Declaration of the third party in question. In addition, Tenderers must submit a holding statement in accordance with Article 2:403(1)(f) of the Civil Code, within ten (10) days of a written request by the Contracting Authority.

2.5.3 Technical and professional competence

References

Tenderer should be able to demonstrate possession of the following core competencies required for successful completion of the assignment:

- a. Experience in delivering a Caeli laser with a total worth of at least €200.000.
- b. Experience in maintaining a Caeli laser. The maintenance has to include a signed Statement of satisfactory performance issued by the client for the relevant reference.

Tenderers must prove core competency a and b by submitting a reference project. Each core competency requires one reference, though the same project may cover multiple competencies.

Conditions for the submission of references:

- a. In the event that the Tenderer provides a reference of an ongoing or only partially completed Agreement, solely the outcomes that have been verifiably achieved till date may be submitted as a reference. Forecasted or anticipated results will not be taken into account.
- b. Reference projects must not predate the closing date for proposal submissions by more than three years.
- c. Submitted reference projects are required to demonstrate completion in a manner that is satisfactory, competent, timely, and consistent. The Contracting Authority reserves the right to verify this information with the designated contact person.
- d. Should a third party have participated in any reference project, this involvement must be explicitly declared in Section 4a of Appendix 5: Model Reference Projects. Furthermore, the identified third party is obliged to participate in the assignment (refer to Section 2.2.1).
- e. For reference projects executed through a consortium, a clear delineation of responsibilities and activities undertaken by each party must be provided under Section 4b of Appendix 5: Model Reference Projects. These reference projects must evidence that the Tenderer, either independently or with the support of a third party, possesses the requisite core competencies.

Reference projects failing to fulfil the core competency requirements and other stipulated conditions shall be deemed invalid and excluded from consideration during the assessment process.

Each reference must be properly documented using the Model Reference Projects form (Appendix 5) and submitted together with the proposal. By submitting such references, the Tenderer grants the Contracting Authority authorisation to verify all information presented.

If verification of the reference by the Contracting Authority is not possible (for instance, due to lack of access or inadequate supporting documentation for performance and completion), such reference shall be omitted from the evaluation.

2.6 Exclusion or rejection of a Tenderer

If one or more of the grounds for exclusion are applicable to a Tenderer, a consortium member or subcontractor, Tenderer shall be excluded from participation in the Tender procedure. In that case, the Proposal will be set aside.

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

Tenderer shall be afforded the opportunity to demonstrate that they have implemented sufficient remedial measures and adjusted their business operations in relation to the relevant ground for exclusion. The Contracting Authority will evaluate whether such measures and/or supporting documentation are satisfactory. In certain circumstances, the Contracting Authority reserves the right to waive grounds for exclusion, particularly where imposition of such exclusion would be manifestly unreasonable.

The opportunity to demonstrate reliability (also known as the proportionality test) does not apply to the 'False Statement' ground for exclusion. Under these circumstances, the Contracting Authority is entitled to set aside the Proposal

Exclusion from the Tender procedure will likewise result if specified eligibility requirements are not fulfilled. In such cases, the Proposal will be set aside and will not undergo further evaluation.

Failure to submit required supporting documents within the prescribed timeframe, or submission of incomplete documentation, may similarly result in exclusion and/or rejection of the Proposal. Section 3.6 provides a table outlining the documentation requirements and corresponding deadlines.

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

3 THE TENDER

This section outlines the methodology and criteria for assessing Proposals to identify the most economically advantageous Proposal. A distinction is made between:

1. requirements which result in a direct knock-out of the Tender, if the Proposal does not comply with those;
2. award and sub-award criteria that will determine the ultimate ranking between Proposals.

3.1 Requirements

There are requirements that pertain to the content of the Proposal. They have been set out below under K1:

- K1: Tenderer complies with the Schedule of Requirements, as referred to in Appendix 3, including any rectifications that may arise from the Information Memorandum;
Compliance must be demonstrated by providing technical documentation or other documentation from which compliance can be derived.

3.2 Award criterion

The Contracting Authority awards the Agreement to the Tenderer with the best price-quality ratio (BPQR). Given the limited potential for quality differentiation, the BPQR ratio is determined as 70% price and 30% quality.

The market under consideration is a niche segment with specific technical requirements, which restricts differentiation based on quality to only minor variations. As a result, price will be given significant consideration in this tender.

The best price – quality ratio is determined by using the “weighted factor” method. The Weighted Factor method assigns each criterion a certain number of points and a predetermined weight (see Appendix 3).

Award criteria		
Quality		Max. points
Q1	Physical weight of the laser head	5
Q2	Emitted pulse energy	5
Q3	A built-in laser energy meter is installed for 532 nm. The output can be logged by computer.	2
Q4	A built-in laser energy meter is installed for 1064 nm. The output can be logged by computer.	2
Q5	Manual control	1
Q6	Laser health parameters can be logged	2
Q7	Warranty	2
Q8	Cooling system	2
Q9	Environmentally conscious production process	1
Q10	Delivery time	2
Q11	Response time for malfunctions during campaigns	4
Q12	Response time for malfunctions	2
Total quality		Maximum 30 points
Price		Max. Points

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

P1	Caeli laser	Maximum 70 points
Total Price		Maximum 70 points
Total number of points that can be attained		Maximum 100 points

The winning Proposal has the highest total number of points for all award criteria.

In the event that two or more Tenders achieve identical highest scores, the Agreement shall be awarded to the proposal with the superior score on the designated sub-award or price criterion. Should these scores also be equivalent, the final selection shall be determined by means of a random draw.

3.2.1 Sub-award criterion Price

The Tenderer is required to provide pricing information by duly completing the Price Sheet (Appendix 6) without any exceptions or qualifications.

Moreover, the prices submitted shall remain firm and fixed following the closing date, unless a contractually authorized price adjustment is expressly permitted (for instance, in cases where a provision for price revision has been stipulated). The scoring of the price criterion will be determined by use of the following formula:

$$\text{Score Tenderer} = (\text{Lowest Price} / \text{Price Tenderer}) \times \text{Maximum Score}$$

The Tenderer submitting the lowest total price shall receive the highest score; all other Tenderers shall be awarded proportionately lower scores.

All quoted prices are deemed all-inclusive, encompassing costs related to transportation, travel, overhead, information technology, reporting, and insurance, with the sole exceptions of import/customs clearance and shipping. No additional expenses will be incurred by the Contracting Authority aside from these specified exceptions.

For further details and specific requirements regarding the sub-award criterion "Price", please refer to the Price Sheet tab, under Appendix 6.

3.2.2 Sub-award criterion Quality

Quality assessment will take place based on the Tenderer's specification on the sub-award criterion Quality as included in Appendix 3 and results in a *score of maximum 30 points*.

1. Physical weight of the laser head is less or equal to 40 kg.
2. Emitted pulse energy at 532 and 1064 nm shall be optimized and reach better than 250mJ and 300 mJ per pulse while keeping the requirement for the emitted pulse energy at 355 nm.
3. A built-in laser energy meter is installed for 532 nm. The output can be logged by computer.
4. A built-in laser energy meter is installed for 1064 nm. The output can be logged by computer.
5. Manual control: It shall be possible to manually control the laser through a control pad directly connected to the laser, not connected to a control computer.
6. Laser health parameters can be logged (temperature sensors).
7. Warranty for the laser head shall be extended for a period of at least 3 years.
8. The cooling system is directly water to air. No separate chiller unit is needed.
9. Environmentally conscious production process. This must be demonstrable, for example through certification under ISO 14001 (or an equivalent system), and/or a process description that clearly shows whether sufficient attention is given to environmentally responsible manufacturing.

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

10. Faster delivery

- up to max. 120 days - 2 points
- up to max. 140 days - 1 points
- up to max. 180 days - 0 points

11. Response time for malfunctions during campaigns

- within 3 business days during campaigns - 4 points
- within 1 week during campaigns - 2 points
- more than 1 weeks - 0 points"

12. Response time for malfunctions

- within 2 weeks - 2 points
- within 1 month - 1 points
- more than 1 month - 0 points

3.3 Variations

The submission of variations is *not* permitted. It is therefore prohibited to deviate from the technical specifications at Tenderers own initiative.

3.4 Documents to be submitted

Tenderer is required to submit a number of documents when submitting a Proposal and after provisionally being awarded the Agreement.

The table below summarises which documents must be submitted and when.

If Tenderer is eligible to be awarded the Agreement, the Contracting Authority will ask Tenderer to provide a number of documents. These documents are listed in the table below.

Kindly note: If Tenderer fails to submit the documents within ten (10) working days, after the Contracting Authority's request, or if Tenderers documents are not adequate, the Contracting Authority will still exclude or reject the Proposal and award the second ranked Tenderer.

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

What	When	Who		
		Independent Tenderer	Partnership	Third parties (Section 2.2.1) (Partnership/ independent Tenderer must submit documents on behalf of third party)
ESPD (ESPD) Completed and signed	Proposal	X	X	X
ESPD (ESPD) completed and signed by other third parties (Section 2.2.2)	If applicable, on request			X
Model Reference projects	Proposal	X	X	
Price sheet	Proposal	X	X	
Compliance matrix / Technical specification	Proposal	X	X	
Technical documentation	Proposal	X	X	
Proof of business risk insurance	On request	X	X	
Further define Quality criteria.	Proposal	x	x	
Declaration of Conduct for Tenderers (GVA in Dutch)	On request	X	X	X
Tax compliance statement	On request	X	X	X
Entry in the national professional and trade register	Proposal	X	X	X

4 PROCEDURAL PROVISIONS

This section outlines the applicable terms and conditions specified by the Contracting Authority for Tenderers Proposal. The procedure is conducted entirely electronically through TenderNed (online tender platform). Additional details regarding its usage are available [here](#).

4.1 Notice, Tender and submission period

The Contracting Authority uses TenderNed for this tender. Tenderers must submit their entire proposal, including all required information and documents, via TenderNed.

The formats prescribed by the Contracting Authority must not be altered, and Tenderers Proposal is required to remain valid for a minimum of 90 days following the closing date.

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

The Contracting Authority aims to meet the deadlines as shown in the schedule below, but reserves the right to adjust the schedule during the procedure. With the exception of the statutory minimum deadlines, no rights may be derived from this schedule. All times in the schedule are in Central European Time (CET).

Date	Activity
	Transmission of the Tender Publication via www.tenderned.nl .
22-1-2026 12.00 p.m.	Closing date for posing questions via www.tenderned.nl
3-2-2026	Publication of the Information Memorandum via www.tenderned.nl .
23-2-2026 12.00 p.m.	Closing date and deadline for receipt of Proposals via www.tenderned.nl .
26-3-2026	Announcement of the intention to award the Agreement via TenderNed, under the conditions mentioned in Section 3.5 of the Descriptive document.
16-4-2026	Suspensive period (expiry period)
17-04-2026	Commencement of the Agreement

The deadline for submission of Proposals to the Contracting Authority is February 23rd, 2026, as indicated in the table above. The opening of digital Proposals will be conducted through the TenderNed digital vault. Attendance at the opening session is not permitted.

Kindly note: The closing date and time are fixed. Proposals cannot be submitted after the deadline. Any delay in uploading is the responsibility of the submitter.

4.2 Communication

All communication must occur through TenderNed. The contact person is listed on TenderNed and may only be reached directly if TenderNed is unavailable:

Tim van der Zande.

tvanderzande@sbmc.nl

In case of absence, Anouk Suijkerbuijk (Suijkerbuijk.Anouk@kpmg.nl) will serve as his substitute.

Any attempts to contact the person(s) mentioned above for anything other than a disruption of TenderNed, may result in exclusion of the bid from the contacting Tenderer.

During the tender process, communication with employees of the Contracting Authority is strictly limited to the designated contact person, unless expressly permitted in this descriptive document. Failure to comply with this requirement may result in exclusion from the procedure.

4.3 Language

The official language for the Tender documents, the Tender procedure, and the execution of the agreement is English. All documents submitted must be in English. If any required information is contained in an official document that is not available in English, a Dutch or English translation must be provided alongside the original document. Information, questions and objections.

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

4.3.1 Questions and objections

Questions regarding the Tender documents, any identified inconsistencies, or objections to the Tender procedure or its components should be submitted through the questions and answers module in TenderNed by the date specified in the schedule.

Only questions and comments submitted within the specified deadline and in accordance with the required procedures will be addressed. Responses will be provided through an anonymous Information Memorandum, which will be issued no later than ten (10) calendar days before the Tender closing date.

For commercial or confidential inquiries, Tenderers may request to ask a question individually. The Contracting Authority will review such requests. If approved, responses will be sent directly to the Tenderer and will not be published. If an individual response is not possible or permitted, the Tenderer will be advised to submit the question through the questions and answers module in TenderNed, and the answer will be included in the Information Memorandum.

Participants are advised to report any contradictions, ambiguities, or imperfections in the Tender Documents as soon as possible, and in any event before the final round of questions closes. A proactive approach is expected from participants to allow the Contracting Authority to address any issues effectively. Failure to report such matters in a timely manner will result in the forfeiture of the right to raise objections or complaints at a later stage. If concerns remain after review of the Information Memorandum, participants may submit a complaint to the Contracting Authority following the procedure outlined in section 5.1. Should a complaint remain unresolved, participants must initiate summary proceedings by serving a summons on the Contracting Authority at least five calendar days before the Proposal submission deadline, in order to preserve their rights.

Submission of a Proposal constitutes acceptance of all terms and conditions set forth in the Tender procedure and related documents.

In cases of discrepancy between the Information Memorandum(s) and this Descriptive Document (including appendices), the most recent Information Memorandum prevails.

4.4 Assessment of Tenderer and Proposal

Assessment of the Tenderer and the Proposal submitted by the Tenderer will take place in four (4) stages.

1. In the first stage, the Contracting Authority will assess whether one or more of the following situations emerge:
 - The Proposal has not been submitted via TenderNed or was not submitted in time;
 - The requested information and documents are not complete, subject to reservations, subject to conditions or are not, nor correctly provided;
 - The Proposal was not submitted with the correct documents or the Tenderer changed the documents provided;
 - The Proposal (the ESPD and/or if requested the Price sheet) is not signed by an authorised person;
 - This requested information was not submitted in the prescribed language.

If one or more of the aforementioned situations occur, the Proposal will be declared invalid. An invalid Proposal will not be assessed and will be set aside.

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

Validly signing the Tender's Declaration/ESPD requires that the individual(s) signing are registered in the trade register as authorised representatives of the organisation. When the trade register stipulates that two or more people have joint authorisation to represent the organisation, those individuals must sign any documents requiring a legal signature collectively. Any limitations on the authority to represent the organisation, as outlined in the trade register, must also be observed.

If the Tenderer has not signed the ESPD but has validly signed another document, such as the offer letter, the Proposal remains valid. The offer letter signature also serves as the ESPD signature.

2. In the second stage, the Contracting Authority assesses the grounds for exclusion and eligibility requirements as mentioned in Section 2.
3. In the third stage, formal the requirements will be assessed. These are listed in Section 3.1 of this Descriptive document. If Proposal does not meet the requirements listed in Section 3, Proposal will be set aside.
4. Finally, in stage 4, Proposal will be assessed against the award criteria.

The Contracting Authority may ask Tenderer to clarify Proposal or give Tenderer the opportunity to rectify minor shortcomings in the Proposal. Tenderer will usually be given a period of up to five (5) working days to do rectify.

4.5 Evaluation committee

The evaluation committee reviews proposals according to the stated requirements and sub-award criteria, providing ratings and scores. The committee typically includes four (4) members. The Contracting Authority may adjust the number or composition of the committee as needed.

The evaluation committee for this Tender consists of three (3) specialists.

Each Assessor will firstly assess the proposals individually, i.e. independently of the other Assessors. This will be followed by a plenary session in which the individual scores are discussed. The final score is attained by a joint decision of the committee. This is known as the consensus model.

The assessment process consists of two main steps: individual verification followed by consensus-based scoring. Each Assessor receives the checklist containing the specifications submitted by the Tenderer. They verify the presence and correctness of each item. If discrepancies are found, clarification questions will be sent to the Tenderer. Based on the responses, the checklist may be adjusted, which can affect the associated scores.

The scoring itself is based on predefined criteria, which outline what points are awarded, for which elements, and why. The detailed scoring framework, including the number of points per criterion, can be found in Appendix 3.

4.6 Notification of Agreement award decision

All Tenderers will, at the same time, receive a notification of the preliminary Agreement award decision from the Contracting Authority. The message will specify the name of the selected Tenderer, the reasoning according to the award criteria, and details about the suspensive period. Notification of the award decision will be distributed through TenderNed.

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

4.7 Suspension / discontinuing Tender

The Contracting Authority reserves the right to suspend or discontinue the Tender procedure at any time. A reason for discontinuing may, for example, be that the political support base and/or financing has ceased. Tenderer will receive a notification from the Contracting Authority about the suspension or discontinuing of the Tender procedure. In exceptional cases, there may be Tender costs reimbursement in the event of termination. The Contracting Authority will contact Tenderer if this is the case.

4.8 Reimbursement of costs

The Contracting Authority will, in principle, not reimburse any costs related to the preparation and submission of the Proposal.

4.9 Confidentiality

Information received from the Contracting Authority during this process must remain confidential and not be shared with third parties, except if publicly available or required by law. Confidential details may be given to Tenderers employees, consultants, or contractors under a confidentiality clause.

The Contracting Authority is required to treat Proposal as confidential, unless disclosure is mandated by law.

Confidentiality as described in this section will be preserved even if the Tender procedure does not result in an Agreement.

Personal data will be exchanged and processed during the Tender in line with GDPR.

All intellectual property rights pertaining to the Tender documents are vested in the Contracting Authority.

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

5. LEGAL PROTECTION

A Tenderer may file a complaint during the tender procedure if they object to the Agreement award decision or the tender procedure.

5.1 Complaints desk / Commission of Tender Experts

During the procedure, Tenderer may file a complaint to the Complaints desk of the Ministry of Infrastructure and Water Management, via: klachten.inkoop@minienw.nl, with a CC to Anouk Suijkerbuijk (Suijkerbuijk.Anouk@kpmg.nl).

Tenderer is required to clearly identify and provide a rationale for the specific aspect of the Tender to which Tenderers complaint pertains. Please ensure that Tenderers complaint includes the following information:

- name and contact details of Tenderers organisation;
- name and reference of the Tender in question;
- a description of the complaint and Tenderer request (proposal for a solution);
- any additional attachments.

The complaint will be handled as soon as possible by an independent expert at the Ministry of Infrastructure and Water Management (IenW).

Tenderers should first use the Q&A procedure to raise concerns. If the response from the Contracting Authority is unsatisfactory, a complaint may then be submitted to the Complaints desk.

If Tenderer disagree with how Tenderer complaint is handled by the Complaints desk, Tenderer may submit it to the Committee of Tender Experts. For more details about the Committee's procedures, please visit www.commissievanaanbestedingsexperts.nl.

5.2 Preliminary relief proceedings

If there is an objection to the Agreement award decision, preliminary relief proceedings must be initiated with the District Court of The Hague within 20 calendar days from the date the award decision notification is sent. Evidence of this should be provided by sending a copy of the writ of summons to the contact person for this Tender. In such cases, the Contracting Authority will postpone awarding the Agreement until a judgement is rendered in the preliminary relief proceedings.

The 20-day period constitutes an expiry term. Failure to initiate preliminary relief proceedings within this timeframe results in the forfeiture of the right to contest the award decision. If no Tenderer initiates proceedings within the specified period, the Contracting Authority may proceed to enter into an agreement with the selected Tenderer(s).

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

ABBREVIATIONS AND GLOSSARY

Descriptive Document

The present document in which the Tender is described.

Contracting Authority

State of the Netherlands, Ministry of Infrastructure and Water Management;

Supplier

The Tenderer to whom the agreement is awarded after concluding the present procurement procedure (Tender).

Tender Documents

All documents in a Tender procedure introduced into the procedure by the Contracting Authority;

(Dutch) Public Procurement Act of 2012

The Act of 1 November 2012, which contains new rules on public procurement, Bulletin of Acts and Decrees 2012, 313, as last amended on 22 June 2016, Bulletin of Acts and Decrees 2016, 241 (as of 01-07-2016);

ESPD

A statement as referred to in Article 2.84 (1) of the PPA;

Tender

The present procurement procedure for the acquisition of a Caeli laser.

Tenderer

An organisation that has submitted a Proposal.

Proposal

A Proposal submitted by an organisation based on the Tender Documents as published on TenderNed;

ABBREVIATIONS

ESPD	European Single Procurement Document (ESPD as referred to in Article 2.84 (1) of the PPA).
GDPR	General Data Protection Regulation
KNMI	Royal Netherlands Meteorological Institute
PPA	Dutch Public Procurement Act of 2012

Ministry of Infrastructure and Water Management

Royal Netherlands Meteorological Institute (KNMI)

European public tender procedure: Caeli laser and maintenance of the laser.

APPENDICES**APPENDIX 1 DRAFT AGREEMENT**

The draft agreement has been included in a separate PDF file.

APPENDIX 2 GENERAL TERMS AND CONDITIONS: ARIV 2018

The general terms and conditions ARIV 2018 have been included in a separate PDF file.

APPENDIX 3 SCHEDULE OF REQUIREMENTS

The Schedule of Requirements has been included in a separate PDF file.

APPENDIX 4 ESPD

The European Single Procurement Document (ESPD) has been included in a PDF file to be completed separately in TenderNed. It can only be opened and completed with Adobe Reader.

APPENDIX 5 MODEL REFERENCE PROJECTS

The Model reference project has been included in a separate Word file.

APPENDIX 6 PRICE SHEET

The Price sheet has been included as an Excel file to be completed separately.

APPENDIX 7 MARKET CONSULTATION REPORT

The market consultation report has been included in a separate pdf file.