1. Buyer

1.1 Buyer

Official name:	Naturalis Biodiversity Center
Legal type of the buyer:	Body governed by public law
Activity of the contracting authority:	Recreation, culture and religion

2. Procedure

2.1 Procedure

Title:	Automated Specimen Sorter Naturalis
Description:	Sample triage and sorting limits both the assessment of community composition and building of reference databases because it currently relies on labour-intensive work by skilled persons. In marine benthic monitoring this can result in up to two years delay between sampling and reporting. An approach integrating image recognition and, where needed, additional techniques (e.g. X-ray, hyperspectral imaging, UV imaging, etc.) will make this process more efficient and allow identification of specimens that cannot immediately be linked to vouchers in the reference database. This component will be able to process a complete range of sample types, including: passive open trap samples (terrestrial), attractant trap samples (terrestrial), soil cores, marine samples, and aquatic samples. The biological specimens in these samples are sorted by size or other physical features and quantified. The different fractions of the sample then enter the DNA sequencing component. For macro-organisms, image recognition tools are used to separate known from unknown specimens. Representatives of the latter then enter the DNA pipeline for identification, while another subset is added to the specimen collections. One automated specimen sorter, including the turnkey delivery of the system, and necessary supplies (e.g. flowcells), support, and maintenance for a period of 4-5 years and possibly longer.

2.1.1 Purpose

Main nature of the contract:	Supplies
Main classification (cpv):	38000000 Laboratory, optical and precision equipments (excl. glasses)

2.1.2 Place of performance

Country: Netherlands

Anywhere in the given country

2.1.4 General information

Legal basis:

Directive 2014/24/EU

3. Part

3.1 Part technical ID: PAR-0000

Title:	Automated Specimen Sorter Naturalis
Description:	Sample triage and sorting limits both the assessment of community composition and building of reference databases because it currently relies on labour-intensive work by skilled persons. In marine benthic monitoring this can result in up to two years delay between sampling and reporting. An approach integrating image recognition and, where needed, additional techniques (e.g. X-ray, hyperspectral imaging, UV imaging, etc.) will make this process more efficient and allow identification of specimens that cannot immediately be linked to vouchers in the reference database. This component will be able to process a complete range of sample types, including: passive open trap samples (terrestrial), attractant trap samples (terrestrial), soil cores, marine samples, and aquatic samples. The biological specimens in these samples are sorted by size or

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other physical features and quantified. The different fractions of the sample then enter the DNA sequencing component. For macro-organisms, image recognition tools are used to separate known from unknown specimens. Representatives of the latter then enter the DNA pipeline for identification, while another subset is added to the specimen collections.

Internal identifier:	1

3.1.1 Purpose

Main nature of the contract:	Supplies
Main classification (cpv):	38000000 Laboratory, optical and precision equipments (excl. glasses)

3.1.2 Place of performance

Country:	Netherlands

Anywhere in the given country

3.1.5 General information

Reserved participation :	Participation is not reserved.

3.1.6 Procurement documents

Address of the procurement documents:	https://www.tenderned.nl/aankondigingen/overzicht/349778 ,

3.1.7 Terms of procurement

The execution of the contract must be performed within the framework of sheltered employment programmes :	No

3.1.8 Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

3.1.9 Further information, mediation and review

Review organisation:	Naturalis Biodiversity Center - Rechtbank 's-Gravenhage
Organisation providing more information on the review procedures:	Naturalis Biodiversity Center

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8. Organisations

8.1 ORG-0001

Official name:	Naturalis Biodiversity Center
Registration number:	41647282
Postal address:	Darwinweg 2
Town:	Leiden
Postcode:	2333CR
Country subdivision (NUTS):	Agglomeratie Leiden en Bollenstreek (NL337)
Country:	Netherlands
Contact point:	Thomas van Oudheusden
Email:	aanbesteding@naturalis.nl
Telephone:	+31 715687600
Internet address:	http://www.naturalis.nl
Other contact points:	
Official name:	Rechtbank 's-Gravenhage
Postal address:	Prins Clauslaan 60
Town:	's-Gravenhage
Postcode:	2595 AJ
Country subdivision (NUTS):	Agglomeratie 's-Gravenhage (NL332)
Country:	Netherlands
Email:	info@rechtspraak.nl
Internet address:	https://www.rechtspraak.nl/Organisatie-en-contact/Organisatie/Rechtbanken/Rechtbank-Den-Haag

Roles of this organisation:

Buyer

Review organisation

Organisation providing more information on the review procedures

Notice information

Notice identifier /version:	278e316f-e97f-4246-9150-90ced5285074 - 01
Form type:	Planning
Notice type:	Prior information notice or a periodic indicative notice used only for information
Notice dispatch date:	19/09/2024 12:32 +02:00
Languages in which this	

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notice is officially available:	English
Estimated date of publication of a contract notice within this procedure:	02/10/2024

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