123101-2025 - Resultater

Danmark – Laboratorieudstyr, optisk udstyr og præcisionsudstyr (ikke briller) – 2025-0790984 - Green House Gas Elemental Analyzer Gas Chromatography Combustion quadropol Time of Flight Isotopic Ratio Mass Spectrometry
OJ S 38/2025 24/02/2025
Bekendtgørelse om indgåede kontrakter eller koncessionstildeling – standardordningen
Varer

1. Køber

1.1. Køber

Officielt navn: Aarhus Universitet
E-mail: asst@au.dk
Køberens retlige status: Offentligretligt organ
Den ordregivende myndigheds aktivitet: Uddannelse

2. Procedure

2.1. Procedure

Titel: 2025-0790984 - Green House Gas Elemental Analyzer Gas Chromatography Combustion quadropol Time of Flight Isotopic Ratio Mass Spectrometry
Beskrivelse: Purchase a Green House Gas Elemental Analyzer Gas Chromatography Combustion quadropol Time of Flight Isotopic Ratio Mass Spectrometry (GHG-EA-GC-C-qTOF-IRMS) for the accurate identification of stable isotopic ratio and qualification and quantification of thousands of carbon and nitrogen containing compounds, that play a crucial role in ecological interactions in the agricultural environment.
Identifikator for proceduren: eec6e42c-cb94-4bd0-be20-779f7c85b346
Tidligere bekendtgørelse: d65408c5-6282-4813-9733-9e0654270e0d-01
Intern ID: 2025-0790984
Udbudsprocedure: Udbud med forhandling uden forudgående offentliggørelse

2.1.1. Formål

Kontraktens hovedformål: Varer
Primær klassifikation (cpv): 38000000 Laboratorieudstyr, optisk udstyr og præcisionsudstyr (ikke briller)

2.1.2. Udførelsessted

Postadresse: Blichers Allé 20
By: Tjele
Postnummer: 8830
Landsdel (NUTS): Østjylland (DK042)
Land: Danmark

2.1.4. Generelle oplysninger

Retsgrundlag:
Direktiv 2014/24/EU

5. Delkontrakt

5.1. Delkontrakt: LOT-0000

Titel: 2025-0790984 - Green House Gas Elemental Analyzer Gas Chromatography Combustion quadropol Time of Flight Isotopic Ratio Mass Spectrometry
Beskrivelse: Purchase a Green House Gas Elemental Analyzer Gas Chromatography Combustion quadropol Time of Flight Isotopic Ratio Mass Spectrometry (GHG-EA-GC-C-qTOF-IRMS) for the accurate identification of stable isotopic ratio and qualification and quantification of thousands of carbon and nitrogen containing compounds, that play a crucial role in ecological interactions in the agricultural environment.
Intern ID: 2025-0790984

5.1.1. Formål

Kontraktens hovedformål: Varer
Primær klassifikation (cpv): 38000000 Laboratorieudstyr, optisk udstyr og præcisionsudstyr (ikke briller)

5.1.2. Udførelsessted

Postadresse: Blichers Allé 20
By: Tjele
Postnummer: 8830
Landsdel (NUTS): Østjylland (DK042)
Land: Danmark

5.1.6. Generelle oplysninger

Indkøbsprojekt, der ikke finansieres med EU-midler
Udbuddet er omfattet af aftalen om offentlige udbud (GPA): ja

5.1.10. Tildelingskriterier

Kriterium:
Type: Kvalitet
Navn: Quality
Beskrivelse: Specific requirements: 1. High resolution GC Mass Spectrometer with MS/MS capability. 2. First mass filter must be a heated Quadrupole, and second mass filter must be a time-of-flight tube 3. Mass accuracy should be <2 ppm RMS. 4. Mass Resolution should be >25,000 and must be independent of acquisition rate 5. Acquisition rate must be from 1 hz to 50 hz and must be independent of mass resolution 6. Enough sensitivity should be there at lower energy also to perform Low energy EI analysis 7. EPC resolution should be 0.001 psi to be able to perform precise retention time locking 8. The elemental analyzer instrument should make use of a single, dynamically heated gas separation column for CO2 and SO2 superior separation of post-combustion gases. It should be possible to analyse nitrogen, carbon and sulfur isotopes from a single organic sample within 10 minutes. The system should not require any tools for routine maintenance with all operations able to be done by hand whilst guaranteeing leak tightness. 9. The IRMS instrument should offer a 100V amplifier as standard providing a 1000 fold working beam size allowing a large range of elemental ratios to be analysed during a single acquisition. It should occupy the smallest possible instrument footprint to preserve laboratory space. The IRMS vacuum chamber must be entirely constructed from 316L stainless steel utilising vacuum welding techniques for the highest vacuum purity and fastest pump down times. The IRMS Instrument should use non-metal, vacuum sealing gaskets which do not deform the sealing face and that can be re-used.
Kategori for tildelingskriteriet vægt: Vægtning (procentdel, præcis)
Tildelingskriterium talværdi: 100

5.1.15. Teknikker

Rammeaftale:
Ingen rammeaftale
Oplysninger om det dynamiske indkøbssystem:
Intet dynamisk indkøbssystem

5.1.16. Yderligere oplysninger, mægling og gennemgang

Organisation med ansvar for klager: Klagenævnet for udbud
Oplysninger om klagefrister: Please contact Aarhus University, if you have a comment about this notice - udbud@au.dk Following the notification, a standstill period of 10 calendar days will be held in accordance to paragraph 3 of Act No. 593 of 2 June 2016 on the Danish Act on the Complaints Board for public Procurement. This implies that the Contracting Authority cannot sign the Contract with the winning Tenderer before the standstill period has expired. In case of complaints about tenders or decisions, e.g. award of contracts covered by Section II or III in the Danish Public Procurement Act must be submitted to the Complaints Board for Public Procurement (Klagenævnet for Udbud) within 45 calendar days from the day after the contractor published a notice in the Official Journal on the conclusion of a contract. At the latest concurrently with submission of an appeal to the Complaints Board for Public Procurement, the complainant must inform the Contracting Authority of the alleged infringement, and whether the appeal is to be referred to the board.
Organisation, der leverer yderligere oplysninger om klageprocedurerne: Konkurrence- og Forbrugerstyrelsen
TED eSender: Mercell Holding ASA

6. Resultater

Værdien af alle kontrakter tildelt i denne bekendtgørelse: 6 580 000,00 DKK
Direkte tildeling:
Begrundelse for direkte tildeling: Kontrakten kan kun tildeles af en bestemt økonomisk aktør på grund af eksklusive rettigheder, herunder intellektuelle ejendomsrettigheder
Anden begrundelse: The Advanced Isotope Application and Analysis Team at Department of Agroecology, AU Viborg (led by Tenure Track Assistant Professor Kirsten Lønne Enggrob) performs isotope-based research into molecule cycling in the plant-soil-microbe-atmosphere environment. Until now, we have bought the analysis of bulk and compound specific stable isotope analysis at external labs, which has greatly limited the outcome of our research and our possibility of alignment of our results, science no single university has been able to support the different analysis we need. We have obtained funding from NNF to establish the ‘MS-SIP interactomics’-facility (led by Senior Researcher Jim Rasmussen, AU Viborg), where we will purchase a Green House Gas Elemental Analyzer Gas Chromatography Combustion quadropol Time of Flight Isotopic Ratio Mass Spectrometry (GHG-EA-GC-C-qTOF-IRMS) for the accurate identification of stable isotopic ratio and qualification and quantification of thousands of carbon and nitrogen containing compounds, that play a crucial role in ecological interactions in the agricultural environment. Hence, we are about to amplify our research area in the use of stable isotope for tracing carbon and nitrogen cycling in the plant-soil-microbe-atmospheric system. The instrument we will purchase shall thus be a high precision mass spectrometer for both bulk and compound specific analysis of isotopic ratio. To cover both bulk and CSIA, we need the chromatography part of the instrument to cover both solid, liquid and gas samples. We need the mass spectroscopy part of the instrument to cover both a high sensitivity isotopic ratio opportunity (IRMS) and a broad mass range, with the opportunity to track the position specific isotopic labeling and the breakdown of compounds (qTOF). It is of high impotency that both detectors are connected to the same GC. Equally important is it that

all three entry points are connected to the same detector (IRMS). Specific requirements: 1. High resolution GC Mass Spectrometer with MS/MS capability. 2. First mass filter must be a heated Quadrupole, and second mass filter must be a time-of-flight tube 3. Mass accuracy should be <2 ppm RMS. 4. Mass Resolution should be >25,000 and must be independent of acquisition rate 5. Acquisition rate must be from 1 hz to 50 hz and must be independent of mass resolution 6. Enough sensitivity should be there at lower energy also to perform Low energy EI analysis 7. EPC resolution should be 0.001 psi to be able to perform precise retention time locking 8. The elemental analyzer instrument should make use of a single, dynamically heated gas separation column for CO2 and SO2 superior separation of post-combustion gases. It should be possible to analyse nitrogen, carbon and sulfur isotopes from a single organic sample within 10 minutes. The system should not require any tools for routine maintenance with all operations able to be done by hand whilst guaranteeing leak tightness. 9. The IRMS instrument should offer a 100V amplifier as standard providing a 1000 fold working beam size allowing a large range of elemental ratios to be analysed during a single acquisition. It should occupy the smallest possible instrument footprint to preserve laboratory space. The IRMS vacuum chamber must be entirely constructed from 316L stainless steel utilising vacuum welding techniques for the highest vacuum purity and fastest pump down times. The IRMS Instrument should use non-metal, vacuum sealing gaskets which do not deform the sealing face and that can be re-used. We have searched for commercially available systems in the market and have concluded that the GHGEA- GC-C-qTOF-IRMS system from Agilent/Elementar are the only available system that fulfilled all requirements mentioned above.

6.1. Resultat delkontrakt-ID: LOT-0000

Status for udvælgelse af vinder: Der er udvalgt mindst én vinder.

6.1.2. Oplysninger om vinderne

Vinder:

Officielt navn: Agilent Technologies Denmark

Tilbud:

Tilbud – Identifikator: 2025-0790984 - Green House Gas Elemental Analyzer Gas Chromatography Combustion quadropol Time of Flight Isotopic Ratio Mass Spectrometry
ID for delkontrakt eller gruppe af delkontrakter: LOT-0000
Værdien af tilbuddet: 6 580 000,00 DKK
Tilbuddet blev rangordnet: nej
Underentreprise: Nej

Kontraktoplysninger:

Identifikator for kontrakten: 2025-0790984 - Green House Gas Elemental Analyzer Gas Chromatography Combustion quadropol Time of Flight Isotopic Ratio Mass Spectrometry
Dato for indgåelse af kontrakten: 31/01/2025

6.1.4. Statistiske oplysninger

Modtagne tilbud og ansøgninger om deltagelse:

Type modtagne indgivelser: Ansøgning om deltagelse
Antal modtagne tilbud og ansøgninger om deltagelse: 1

8. Organisationer

8.1. ORG-0001

Officielt navn: Aarhus Universitet
Registreringsnummer: 31119103

Postadresse: Nordre Ringgade 1
By: Aarhus C
Postnummer: 8000
Landsdel (NUTS): Østjylland (DK042)
Land: Danmark
Enhed: Ann Sophie Steffensen
E-mail: asst@au.dk
Telefon: 23382421
Internetadresse: https://www.au.dk/
Denne organisations roller:
Køber

8.1. ORG-0002

Officielt navn: Klagenævnet for udbud
Registreringsnummer: 37795526
Postadresse: Toldboden 2
By: Viborg
Postnummer: 8800
Landsdel (NUTS): Vestjylland (DK041)
Land: Danmark
Enhed: Klagenævnet for udbud
E-mail: klfu@naevneneshus.dk
Telefon: +45 72405708
Adresse til udveksling af oplysninger (URL) (eDelivery-Gateway): https://erhvervsstyrelsen.dk/klagenaevnet-for-udbud
Denne organisations roller:
Organisation med ansvar for klager

8.1. ORG-0003

Officielt navn: Konkurrence- og Forbrugerstyrelsen
Registreringsnummer: 10294819
Postadresse: Carl Jacobsens Vej 35
By: Valby
Postnummer: 2500
Landsdel (NUTS): Byen København (DK011)
Land: Danmark
Enhed: Konkurrence- og Forbrugerstyrelsen
E-mail: kfst@kfst.dk
Telefon: +45 41715000
Adresse til udveksling af oplysninger (URL) (eDelivery-Gateway): https://www.kfst.dk
Denne organisations roller:
Organisation, der leverer yderligere oplysninger om klageprocedurerne

8.1. ORG-0004

Officielt navn: Agilent Technologies Denmark
Registreringsnummer: 21852902
By: Glostrup
Postnummer: 2600
Landsdel (NUTS): Københavns omegn (DK012)
Land: Danmark
E-mail: customercare_denmark@agilent.com

Telefon: 45 70 130 030
Denne organisations roller:
Tilbudsgiver
Vinder af disse delkontrakter: LOT-0000

8.1. ORG-0005

Officielt navn: Mercell Holding ASA
Registreringsnummer: 980921565
Postadresse: Askekroken 11
By: Oslo
Postnummer: 0277
Landsdel (NUTS): Oslo (NO081)
Land: Norge
Enhed: eSender
E-mail: publication@mercell.com
Telefon: +47 21018800
Fax: +47 21018801
Internetadresse: http://mercell.com/
Denne organisations roller:
TED eSender

Oplysninger om bekendtgørelsen

Bekendtgørelsens ID: 3d4d82c0-e932-42ea-9369-ac2a59f9daec - 01
Formulartype: Resultater
Bekendtgørelsestype: Bekendtgørelse om indgåede kontrakter eller koncessionstildeling – standardordningen
Bekendtgørelsesundertype: 29
Afsendelsesdato for bekendtgørelsen: 21/02/2025 08:00:29 (UTC+00:00) vesteuropæisk tid, GMT
Dato for afsendelse af bekendtgørelsen (eSender): 21/02/2025 08:00:49 (UTC+00:00) vesteuropæisk tid, GMT
Bekendtgørelsens officielle sprog: engelsk
Bekendtgørelsesnummer: 123101-2025
EUT-S-nummer: 38/2025
Offentliggørelsesdato: 24/02/2025