

**Belgium-Brussels: Independent Study on Use of Hydrogen and Fuel Cells for Aircraft Propulsion
OJ S 170/2019 04/09/2019****Contract notice
Services****Legal Basis:**

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: Clean Sky 2 Joint Undertaking

Postal address: av. de la Toison d'Or 56

Town: Brussels

NUTS code: BE100 Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Postal code: 1060

Country: Belgium

Contact person: Legal Team

E-mail: procurement@cleansky.eu**Internet address(es):**Main address: <https://etendering.ted.europa.eu/cft/cft-display.html?cftId=5371>Address of the buyer profile: <https://www.cleansky.eu/>**I.1. Name and addresses**

Official name: Fuel Cells and Hydrogen 2 Joint Undertaking

Postal address: av. de la Toison d'Or 56

Town: Brussels

NUTS code: BE100 Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Postal code: 1060

Country: Belgium

E-mail: fch-ju@fch.europa.eu**Internet address(es):**Main address: <https://etendering.ted.europa.eu/cft/cft-display.html?cftId=5371>Address of the buyer profile: <https://www.fch.europa.eu/>**I.2. Information about joint procurement**

The contract involves joint procurement

I.3. CommunicationThe procurement documents are available for unrestricted and full direct access, free of charge, at: <https://etendering.ted.europa.eu/cft/cft-display.html?cftId=5371>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted to the following address:

Official name: Clean Sky 2 Joint Undertaking

Postal address: TO 56 3rd floor

Town: Brussels

Postal code: 1049

Country: Belgium

Contact person: Legal Team

E-mail: procurement@cleansky.eu

NUTS code: BE100 Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Internet address(es):

Main address: <https://etendering.ted.europa.eu/cft/cft-display.html?cftId=5371>

I.4. Type of the contracting authority

European institution/agency or international organisation

I.5. Main activity

Other activity: Research and Innovation in Aviation Sector

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

Independent Study on Use of Hydrogen and Fuel Cells for Aircraft Propulsion

Reference number: CSJU.2019.OP.01

II.1.2. Main CPV code

73210000 Research consultancy services

II.1.3. Type of contract

Services

II.1.4. Short description

Independent study on use of hydrogen and fuel cells for aircraft propulsion.

II.1.5. Estimated total value

Value excluding VAT: 600 000,00 EUR

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.2. Additional CPV code(s)

79310000 Market research services, 31122100 Fuel cells, 34700000 Aircraft and spacecraft

II.2.3. Place of performance

NUTS code: BE10 Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest

II.2.4. Description of the procurement

The aim of the independent study is to investigate the potential of fuel cell and hydrogen technologies in the field of aircraft propulsion. Besides tackling the technical challenges an initial study is needed to:

- understand if and how fuel cell and/or hydrogen based propulsion architectures are suitable for aircraft propulsion and in which aircraft category (payload/range/mission) and with which potential benefits in terms of aircraft performance and emissions,
- identify technical and non-technical barriers for the implementation of fuel cell and hydrogen technologies in the aviation sector and highlight needs in terms of research and innovation (R&I), regulation and standards, as well as (market and economic) conditions,
- identify and understand the deployment challenges related to production, logistics and infrastructure that are compatible with airport operations and air transport networks.

The study under this procurement should identify the potential for fuel cell and/or hydrogen based aircraft propulsion and produce recommendations on future activities with particular focus on R&I efforts in this field in the next decade and policy to support the potential market adoption thereafter.

II.2.5. Award criteria

Criteria below

Quality criterion - Name: Quality of services / Weighting: 60 %

Price - Weighting: 40 %

II.2.6. Estimated value

Value excluding VAT: 600 000,00 EUR

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 4

This contract is subject to renewal: yes

Description of renewals:

The contract may be extended once in case of unforeseen circumstances, which require it.

II.2.10. Information about variants

Variants will be accepted: no

II.2.11. Information about options

Options: no

II.2.13. Information about European Union funds

The procurement is related to a project and/or programme financed by European Union funds:
yes

Identification of the project: Horizon 2020

II.2.14. Additional information

See internet address provided in Section I.3).

Section III: Legal, economic, financial and technical information

III.1. Conditions for participation

III.1.1. Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions:

Selection criteria as stated in the procurement documents. See internet address provided in Section I.3).

III.1.2. Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3. Technical and professional ability

Selection criteria as stated in the procurement documents

III.2. Conditions related to the contract

III.2.2. Contract performance conditions

See internet address provided in Section I.3).

Section IV: Procedure

IV.1. Description

IV.1.1. Type of procedure

Open procedure

IV.1.3. Information about a framework agreement or a dynamic purchasing system

IV.1.8. Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: no

IV.2. Administrative information

IV.2.2. Time limit for receipt of tenders or requests to participate

Date: 04/10/2019 Local time: 23:59

IV.2.3. Estimated date of dispatch of invitations to tender or to participate to selected candidates

IV.2.4. Languages in which tenders or requests to participate may be submitted

English

IV.2.6. Minimum time frame during which the tenderer must maintain the tender

Duration in months: 6 (from the date stated for receipt of tender)

IV.2.7. Conditions for opening of tenders

Date: 14/10/2019 Local time: 10:30

Place:

Clean Sky 2 Joint Undertaking, av. de la Toison d'Or 56, 1060 Brussels, BELGIUM, meeting room No 3/35.

Information about authorised persons and opening procedure: One person per tenderer is authorised to attend the opening session. Please send name, first name and nationality of the person attending to procurement@cleansky.eu by 9.10.2019. This notification must be signed by an authorised representative of a tenderer.

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.3. Additional information

See internet address provided in Section I.3).

VI.4. Procedures for review

VI.4.1. Review body

Official name: General Court

Postal address: rue du Fort Niedergrünwald

Town: Luxembourg

Postal code: 2925

Country: Luxembourg

E-mail: GeneralCourt.Registry@curia.europa.eu

Telephone: +352 43031

Fax: +352 43032100

Internet address: <http://curia.europa.eu>

VI.4.3. Review procedure

Precise information on deadline(s) for review procedures:

See internet address provided in Section I.3).

VI.4.4. Service from which information about the review procedure may be obtained

Official name: General Court

Postal address: rue du Fort Niedergrünewald

Town: Luxembourg

Postal code: 2925

Country: Luxembourg

E-mail: GeneralCourt.Registry@curia.europa.eu

Telephone: +352 43031

Fax: +352 43032100

Internet address: http://curia.europa.eu/jcms/jcms/Jo2_7039/en/#electronique

VI.5. Date of dispatch of this notice

28/08/2019