

Spain-Barcelona: Analysis and Demonstration of EC-UL Ex-Vessel Installation and Maintenance Feasibility

OJ S 65/2021 02/04/2021

Contract award notice

Services

Legal Basis:

Regulation (EU, Euratom) No 2018/1046

Section I: Contracting authority

I.1. Name and addresses

Official name: Fusion for Energy Joint Undertaking ('Fusion for Energy')

Postal address: Josep Pla, 2, Torres Diagonal Litoral, B3

Town: Barcelona

NUTS code: ES511 Barcelona

Postal code: 08019

Country: Spain

Contact person: Commercial Management and Procurement Unit. For the attention of:
Mariano CampoE-mail: mariano.campo@f4e.europa.eu

Telephone: +34 934891800

Internet address(es):Main address: <http://f4e.europa.eu/>Address of the buyer profile: <https://industryportal.f4e.europa.eu/default.aspx>**I.4. Type of the contracting authority**

European institution/agency or international organisation

I.5. Main activity

Other activity: Energy

Section II: Object

II.1. Scope of the procurement**II.1.1. Title**

Analysis and Demonstration of EC-UL Ex-Vessel Installation and Maintenance Feasibility

Reference number: F4E-OPE-1151

II.1.2. Main CPV code

73000000 Research and development services and related consultancy services

II.1.3. Type of contract

Services

II.1.4. Short description

This contract covers the engineering study of the ex-vessel remote handling and maintenance of the EC UL and EC EW.

The aim is to demonstrate installation and maintenance feasibility and reach a design and description level reliable enough to be presented and acceptable at Final Design Review RD3.

II.1.6. Information about lots

This contract is divided into lots: no

II.1.7. Total value of the procurement

Value excluding VAT: 99 000,00 EUR

II.2. Description

II.2.3. Place of performance

NUTS code: NL Nederland

II.2.4. Description of the procurement

The general scope of work of this contract is:

- 1) Engineering analysis and studies of the ex-vessel devices installation;
- 2) Engineering analysis and studies of the ex-vessel devices maintenance;
- 3) Support to design of the components (tooling and maintenance compatibility);
- 4) Support to design reviews (FDR EC UL and FDR ECEW) and chit resolution.

II.2.5. Award criteria

Price

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: ITER

II.2.14. Additional information

Section IV: Procedure

IV.1. Description

IV.1.1. Type of procedure

Award of a contract without prior publication of a call for competition in the Official Journal of the European Union in the cases listed below

- The procurement falls outside the scope of application of the directive

Explanation:

Following the completion of the F4E-GRT-162, the F4E-OPE-0988 was signed in April 2019 with HiT (Heemskerk Innovative Technology) for the provision of engineering studies for the remote handling (RH) and maintenance of the Electron Cyclotron Upper Launcher (EC UL) and Ex-vessel Waveguide system EC EW) as the next step towards the completion of the Final Design Review for the PA planned for July 2021. During this period, new information needed came up in order to have a complete FDR, precisely the engineering study of the ex-vessel remote Handling and maintenance of the EC UL and EC EW.

Maintenance operations on EC-UL and EC-EW devices and ancillaries inside Port Cells combines several very specific aspects such as first of a kind facility, large scale and big size and weight of components, presence of Tritium making confinement arrangements trickier, all of this in contaminated and significant dose rates environment and difficult access. Such a

combination of conditions makes impossible to use industrial off-the-shelf tools. Maintenance procedures have to be created first and specific tools and methods developed. Achievement of maintenance tasks in JET following Tritium campaigns has already demonstrated the necessary need of R&D and of a sound expertise.

Therefore, and with view to the above, the result of the contract is intended to be used for the purposes of research and development. This contract-estimated budget is below Directive thresholds.

In addition to above ITER specific context, the present content of the work, mainly the completion of maintenance tasks and procedures, requires a sound knowledge of the in-Port Cell EC UL and EC WG

Systems design and status, and an efficient interaction with the still progressing designing.

The already performed maintenance analyses, at conceptual level, must be also well understood first, taking into account the related Nuclear Safety constrains.

HiT is currently in a unique position given its knowledge for the reasons explained above, any other company than HiT to reach the necessary system and problems knowledge to complete the mentioned studies at the expected level of a final design review, in a tight schedule, would be not cost-efficient for both F4E and the contractor.

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.2.8. Information about termination of dynamic purchasing system

IV.2.9. Information about termination of call for competition in the form of a prior information notice

Section V: Award of contract

Contract No: F4E-OPE-1151

Title:

Analysis and Demonstration of EC-UL Ex-Vessel Installation and Maintenance Feasibility

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1. Date of conclusion of the contract

19/03/2021

V.2.2. Information about tenders

Number of tenders received: 1

The contract has been awarded to a group of economic operators: no

V.2.3. Name and address of the contractor

Official name: Heemskerk Innovative Technology BV

Postal address: Mijnbouwstraat 120

Town: Delft

NUTS code: NL Nederland

Postal code: 2628 RX

Country: Netherlands
E-mail: info@heemskerk-innovative.nl
Telephone: +31 850110126
The contractor is an SME: yes

V.2.4. Information on value of the contract/lot

Initial estimated total value of the contract/lot: 100 000,00 EUR
Total value of the contract/lot: 99 000,00 EUR

V.2.5. Information about subcontracting

Section VI: Complementary information

VI.3. Additional information

The date of the conclusion of the contract (V.2.1) in this case indicates the date of the award decision and that the contract has not been signed yet.

VI.4. Procedures for review

VI.4.1. Review body

Official name: General Court
Postal address: rue du Fort Niedergrünewald
Town: Luxembourg
Postal code: L-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:

Within 2 months of notice of the award decision, you may launch an action for annulment of the award decision. Any request you may make and any reply from us, or any complaint for maladministration, will have neither the purpose nor the effect of suspending the time-limit for launching an action for annulment or to open a new period for launching an action for annulment. The body responsible for hearing annulment procedures is indicated in Section VI. 4.1) of the contract notice.

If you believe that there was maladministration, you may lodge a complaint to the European Ombudsman within 2 years of the date when you became aware of the facts on which the complaint is based (see <http://www.ombudsman.europa.eu>)

VI.5. Date of dispatch of this notice

23/03/2021