

Luxembourg-Luxembourg: Benchmarking of nuclear technical requirements against WENRA safety reference levels, EU regulatory framework and IAEA standards

OJ S 166/2017 31/08/2017

Contract award notice

Services

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: European Commission, Directorate-General for Energy, Directorate D — Nuclear Energy, Safety and ITER

Postal address: 1, rue Henri Schnadt, Zone d'activité Cloche d'Or

Town: Luxembourg

NUTS code: LU Luxembourg

Postal code: 2530

Country: Luxembourg

E-mail: ENER-LUX-D2-TENDERS@ec.europa.eu

Internet address(es):

Main address: <https://ec.europa.eu/energy/en>

I.4. Type of the contracting authority

European institution/agency or international organisation

I.5. Main activity

General public services

Section II: Object

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

Benchmarking of nuclear technical requirements against WENRA safety reference levels, EU regulatory framework and IAEA standards.

Reference number: ENER/D2/2016-677.

II.1.2. Main CPV code

09300000 Electricity, heating, solar and nuclear energy

II.1.3. Type of contract

Services

II.1.4. Short description

The subject matter of the contract is a study on the benchmarking of nuclear technical requirements against WENRA safety reference levels, EU regulatory framework and IAEA standards.

II.1.6. Information about lots

This contract is divided into lots: no

II.1.7. Total value of the procurement

Value excluding VAT: 195 000,00 EUR

II.2. Description

II.2.3. Place of performance

NUTS code: AT Österreich

II.2.4. Description of the procurement

An important obstacle to timely licensing is that the harmonisation developed by national nuclear safety authorities mainly concerns high-level safety standards. Whilst this is certainly useful to attain a similar level of safety at EU level, it does not contribute significantly to more rapid or generic licensing of new construction projects or to extend the operational life of existing reactors.

Hence, additional work is necessary to detail the harmonisation of safety standards or to further investigate hypothesis and feasibility analysis that underpin possible further action as described below. The Commission wishes to achieve this by building on existing credible initiatives that have already shown added value.

The current ongoing initiatives are listed below together with the respective deliverables expected from the contractor.

1. Deliverable: a benchmarking of the EUR documents against: a) all applicable WENRA reference levels; b) IAEA standards; and c) requirements of the amended directive on nuclear safety as detailed by ENER/JRC (in development). It will be submitted to both NPPs vendors and nuclear safety authorities for comments/endorsement.

2. Deliverable: a feasibility study on the possibility to extend the existing work performed under the Franco-German ETC initiative to other national legal frameworks and other types of reactors. If the study is positive, it should indicate in detail the steps to be taken to realise the full study, should it be decided by the Commission.

3. The ERDA (European reactor design acceptance) proposal aims at a common design review and acceptance, the results of which would be shared among several EU Member States allowing the reactor design to be acceptable to all participating countries, except for necessary adaptation to specific local conditions, leading to effective European standardisation of reactor designs. The suggested approach is essentially based on voluntary actions by regulators and TSOs with support of the Commission.

Deliverable: a detailed description of the technical content that a EU common pre-licensing process should include, taking into account the different types of reactors, the applicable safety standards and (as far as possible) the diversity of Member States national framework.

4. Benchmarking and peer reviews performed by national safety authorities or IAEA expert missions are essential tools to achieve a harmonised level of safety in the EU and worldwide. Those tools are of particular interest for the numerous expected LTO in the EU. At the time being related efforts developed by regulators or the IAEA missions (e.g. SALTO) focus in priority on ageing effects, less on 'reasonably practicable' safety upgrades that accompany the LTO programmes. Hence, common sets of technical references integrating both ageing and safety upgrades would help all involved actors to deliver programmes across the different Member States with equivalent safety levels.

Deliverable: in close cooperation with nuclear safety authorities, a set of technical reference guide(s) for LTO will be prepared, covering in particular aspects related to the safety upgrades. In addition, a benchmarking of national LTO programmes against the amended directives will be defined and described (technical content of their terms of reference), particularly regarding Articles 8a and 8b of amended Nuclear Safety Directive, for future use by regulators.

II.2.5. Award criteria

Quality criterion - Name: Knowledge and understanding of the topic of the call / Weighting: 30

Quality criterion - Name: Quality of the proposed methodology / Weighting: 30

Quality criterion - Name: Organisation of the work / Weighting: 20

Quality criterion - Name: Quality system / Weighting: 20

Price - Weighting: 40

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:
no

II.2.14. Additional information

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: yes

IV.2. Administrative information

IV.2.1. Previous publication concerning this procedure

Notice number in the OJ S: [2016/S 227-413025](#)

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

Title:

Benchmarking of nuclear technical requirements against WENRA safety reference levels, EU regulatory framework and IAEA standards

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1. Date of conclusion of the contract

16/08/2017

V.2.2. Information about tenders

Number of tenders received: 4

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

V.2.3. Name and address of the contractor

Official name: Enconet Consulting Ges.m.b.H.
Postal address: Kolingasse 12/7
Town: Vienna
NUTS code: AT Österreich
Postal code: 1090
Country: Austria
The contractor is an SME: no

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

Initial estimated total value of the contract/lot: 200 000,00 EUR
Total value of the contract/lot: 195 000,00 EUR

V.2.5. Information about subcontracting

The contract is likely to be subcontracted Value or proportion likely to be subcontracted to third parties Proportion: 22 %

Section VI: Complementary information

VI.3. Additional information**VI.4. Procedures for review****VI.4.1. Review body**

Official name: General Court of the European Union
Postal address: rue du Fort Niedergrünwald
Town: Luxembourg
Postal code: 2925
Country: Luxembourg
E-mail: generalcourt.registry@curia.europa.eu
Telephone: +352 4303-1
Fax: +352 4303-2100
Internet address: <http://curia.europa.eu/>

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

Official name: General Court of the European Union
Postal address: rue du Fort Niedergrünwald
Town: Luxembourg
Postal code: 2925
Country: Luxembourg
E-mail: generalcourt.registry@curia.europa.eu
Telephone: +352 4303-1
Fax: +352 4303-2100
Internet address: <http://curia.europa.eu/>

VI.5. Date of dispatch of this notice

21/08/2017