

**Luxembourg-Luxembourg: Supply of passive radiation dosimeters and assessment of radiation exposures**

OJ S 154/2014 13/08/2014

Contract award notice

Services

Directive 2004/18/EC

**Section I: Contracting authority**

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**I.1. Name and addresses**

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

Postal address: 1, rue Henry Schnadt, Zone d'activités Cloche d'Or, 2530 Luxembourg

Town: Luxembourg

Postal code: 2920

Country: Luxembourg

For the attention of: Kersti Peedo, EUFO 4455

E-mail: [kersti.peedo@ec.europa.eu](mailto:kersti.peedo@ec.europa.eu)

Telephone: +352 4301-32812

**Internet address(es):**

General address of the contracting authority: [http://ec.europa.eu/dgs/energy/tenders/index\\_en.htm](http://ec.europa.eu/dgs/energy/tenders/index_en.htm)

**I.2. Type of the contracting authority**

European institution/agency or international organisation

**I.3. Main activity****I.4. Contract award on behalf of other contracting authorities**

The contracting authority is purchasing on behalf of other contracting authorities: no

**Section II: Object of the contract**

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**II.1. Description****II.1.1. Title**

Supply of passive radiation dosimeters and assessment of radiation exposures.

**II.1.2. Type of contract and place of performance or delivery**

Services

Service category No 27: Other services

Main site or place of performance: Contractor's premises.

NUTS code

**II.1.3. Information about a framework agreement or a dynamic purchasing system (DPS)****II.1.4. Short description of the contract or purchase(s)**

The European Commission's Directorate-General for Energy, in particular the health protection sector, is responsible for the radiological protection of staff members. Therefore, it shall arrange that every classified staff member is equipped with an appropriate passive individual radiation dosimeter. The dosimeters shall be periodically distributed and analysed. The

results of the subsequent estimation of the personal equivalent doses shall be recorded and reported systematically to the health protection sector.

The dosimeters shall be appropriate for the expected typical radiation environment inside nuclear fuel cycle installations. They should monitor mixed fields of gamma, beta and neutron radiations.

The estimation of the individual personal dose equivalent values  $H_p(10)$  and  $H_p(0,07)$  shall be based on the parameters given by the Radiation Protection Basic Safety Standards Directive No 96/29/Euratom of 13.5.1996 as well as of the 1990 recommendations of the ICRP, in the publication 60.

250 passive personal dosimeters are to be supplied and analysed each month.

Additionally, the Radiation Protection service of the Commission is responsible for environmental monitoring in the nuclear laboratories. Therefore, about 20 dosimeters for ambient radiation exposures  $H^*$  for gamma, beta and neutron radiation are to be delivered. Furthermore, each delivery shall comprise dosimeters for radiation background determination and subtraction.

#### **II.1.5. CPV code(s)**

73110000 Research services

#### **II.1.6. Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: yes

### **II.2. Total value of the contract/lot**

#### **II.2.1. Total value of the contract/lot**

Value: 111 563,70 EUR  
excluding VAT

## **Section IV: Procedure**

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### **IV.1. Type of procedure**

#### **IV.1.1. Type of procedure**

Open

### **IV.2. Award criteria**

#### **IV.2.1. Award criteria**

The most economically advantageous tender in terms of

1. Physical characteristics of dosimeters and radiation dose estimation methodology. This criterion will assess the physical characteristics of the dosimeters for monitoring the types and energies of the radiations. The overall accuracy of the system will be assessed with a particular emphasis on trueness, bias, precision and systematic or random errors. Under this criterion the radiation dose estimation and the way the system complies with the recommendations of the ICRP and the ISO standards and norms will be assessed.. Weighting 60

2. Administrative arrangements. This criterion will assess the methodology used by the tenderer for recording monitoring results and for their reporting to the Commission's radiation protection service in Luxembourg. The data handling will be evaluated with a particular view on compliance with national and European legislation and the timing for reporting unexpected high doses. The arrangements for sending and returning the dosimeters as well as the timing of the dosimeters shipment will be assessed.. Weighting 20

3. Mechanical characteristics of dosimeters. This criterion will assess the overall design of dosimeters such as weight, convenient size and shape, clips, mechanical strength, resistance to dust and unambiguous identification.. Weighting 20

#### **IV.2.2. Information about electronic auction**

An electronic auction has been used: no

#### **IV.3. Administrative information**

##### **IV.3.1. File reference number attributed by the contracting authority**

ENER/D3/2014-231-1.

##### **IV.3.2. Previous publication concerning this procedure**

###### **Contract notice**

Notice number in the OJ S: [2014/S 11-014233](#) of 16.1.2014

###### **Other previous publications**

Notice number in the OJ S: [2014/S 18-026893](#) of 25.1.2014

#### **Section V: Award of contract**

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Contract No: 1

Lot No: 1

- Lot title: Supply of passive radiation dosimeters and assessment of radiation exposures

##### **V.1. Date of conclusion of the contract**

4.6.2014

##### **V.2. Information about tenders**

Number of tenders received: 1

##### **V.3. Name and address of the contractor**

Official name: Landauer Europe

Postal address: 33 avenue du Général Leclerc

Town: Fontenay-aux-Roses

Postal code: 92266

Country: France

Telephone: +33 140956290

Fax: +33 140956289

##### **V.4. Information on value of the contract/lot**

Total value of the procurement:

Value: 111 563,70 EUR

excluding VAT

##### **V.5. Information about subcontracting**

The contract is likely to be subcontracted: no

#### **Section VI: Complementary information**

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##### **VI.1. Information about European Union funds**

The procurement is related to a project and/or programme financed by European Union funds:  
no

##### **VI.2. Additional information**

### **VI.3. Procedures for review**

#### **VI.3.1. 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](mailto:generalcourt.registry@curia.europa.eu)  
Telephone: +352 4303-1  
Fax: +352 4303-2100  
Internet address: <http://curia.europa.eu/>

#### **VI.3.2. Review procedure**

#### **VI.3.3. 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](mailto:generalcourt.registry@curia.europa.eu)  
Telephone: +352 4303-1  
Fax: +352 4303-2100  
Internet address: <http://curia.europa.eu/>

#### **VI.4. Date of dispatch of this notice**

1.8.2014