

**Ireland-Dún Laoghaire: Design and execution of research and development**

OJ S 83/2018 28/04/2018

Contract notice

Services

**Legal Basis:**

Directive 2014/24/EU

**Section I: Contracting authority**

---

**I.1. Name and addresses**

Official name: Dún Laoghaire Rathdown County Council

National registration number: N/A

Postal address: County Hall

Town: Dún Laoghaire

NUTS code: IE061 Dublin

Postal code: Marine Road

Country: Ireland

Contact person: Mary Hegarty

E-mail: [mhegarty@dlrcoco.ie](mailto:mhegarty@dlrcoco.ie)**Internet address(es):**Main address: [www.dlrcoco.ie](http://www.dlrcoco.ie)Address of the buyer profile: <https://irl.eu-supply.com/ctm/Company/CompanyInformation/Index/1256>**I.2. Information about joint procurement**

The contract is awarded by a central purchasing body

**I.3. Communication**The procurement documents are available for unrestricted and full direct access, free of charge, at: [http://irl.eu-supply.com/app/rfq/rwlenrance\\_s.asp?PID=128208&B=ETENDERS\\_SIMPLE](http://irl.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=128208&B=ETENDERS_SIMPLE)[PID=128208&B=ETENDERS\\_SIMPLE](http://irl.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=128208&B=ETENDERS_SIMPLE)

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: [http://irl.eu-supply.com/app/rfq/rwlenrance\\_s.asp?PID=128208&B=ETENDERS\\_SIMPLE](http://irl.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=128208&B=ETENDERS_SIMPLE)

Tenders or requests to participate must be submitted to the abovementioned address

**I.4. Type of the contracting authority**

Regional or local authority

**I.5. Main activity**

General public services

**Section II: Object**

---

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

Small Business Innovation Research (SBIR) Internet of Things Challenge

**II.1.2.**

**Main CPV code**

73300000 Design and execution of research and development

**II.1.3. Type of contract**

Services

**II.1.4. Short description**

Dún Laoghaire-Rathdown County Council is seeking to identify a low cost solution, such as a small-form node device, that facilitates connections using the DALI / TALQ protocols over an IOT RF Mesh Network.

We want to ensure that the nodes of its RF Mesh Network can communicate with whatever sensors may wish to connect to the network.

The solution developed will be a node on the IOT RF Mesh Network facilitating the connection of a wide array of sensors and devices to the network.

Power for the IOT RF Mesh Network Node must come from the device to which it's connected (eg. Streetlight).

Use-cases for the IOT RF Mesh Network could include air or water temperature sensors transmitting 'state' data over the network, or commercial grade applications such as the remote reading of water, electricity or gas metres.

Data transmitted over the network is stored in the cloud and addressed via APIs (Application Programming Interfaces).

**II.1.5. Estimated total value**

Value excluding VAT: 56 911,00 EUR

**II.1.6. Information about lots**

This contract is divided into lots: no

**II.2. Description****II.2.2. Additional CPV code(s)**

32400000 Networks, 32412000 Communications network, 32510000 Wireless telecommunications system, 32581000 Data-communications equipment, 51300000 Installation services of communications equipment, 64228200 Radio broadcast transmission services, 65000000 Public utilities, 65320000 Operation of electrical installations, 72000000 IT services: consulting, software development, Internet and support, 72300000 Data services, 72310000 Data-processing services, 72313000 Data capture services, 72314000 Data collection and collation services, 72315000 Data network management and support services, 72315100 Data network support services, 72321000 Added-value database services, 72400000 Internet services, 72420000 Internet development services, 72700000 Computer network services, 73000000 Research and development services and related consultancy services, 73100000 Research and experimental development services, 73120000 Experimental development services, 73300000 Design and execution of research and development

**II.2.3. Place of performance**

NUTS code: IE061 Dublin

Main site or place of performance: Dún Laoghaire — Rathdown, Co Dublin.

**II.2.4. Description of the procurement**

Dún Laoghaire-Rathdown County Council is seeking to identify a low cost solution, such as a small-form node device, that facilitates connections using the DALI / TALQ protocols over an IOT RF Mesh Network.

We want to ensure that the nodes of its RF Mesh Network can communicate with whatever sensors may wish to connect to the network.  
The solution developed will be a node on the IOT RF Mesh Network facilitating the connection of a wide array of sensors and devices to the network.  
Power for the IOT RF Mesh Network Node must come from the device to which it's connected (eg. Streetlight).  
Use-cases for the IOT RF Mesh Network could include air or water temperature sensors transmitting 'state' data over the network, or commercial grade applications such as the remote reading of water, electricity or gas metres.  
Data transmitted over the network is stored in the cloud and addressed via APIs (Application Programming Interfaces).

**II.2.5. Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

**II.2.6. Estimated value**

Value excluding VAT: 56 911,00 EUR

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

Duration in months: 18

This contract is subject to renewal: no

**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:  
no

**II.2.14. Additional information**

Please consult the associated tender documentation, which contains full instructions regarding the submission of tenders in respect of this competition.

**Section III: Legal, economic, financial and technical information**

---

**III.1. Conditions for participation**

**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

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

Date: 28/06/2018 Local time: 16:00

#### **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, Irish

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

Duration in months: 18 (from the date stated for receipt of tender)

#### **IV.2.7. Conditions for opening of tenders**

Date: 16/07/2018 Local time: 14:00

Information about authorised persons and opening procedure: Please note the date and time provided above are a guideline and subject to change at the discretion of Dún Laoghaire — Rathdown County Council.

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

---

#### **VI.1. Information about recurrence**

This is a recurrent procurement: no

#### **VI.2. Information about electronic workflows**

Electronic invoicing will be accepted

Electronic payment will be used

#### **VI.3. Additional information**

#### **VI.4. Procedures for review**

#### **VI.4.1. Review body**

Official name: Dún Laoghaire Rathdown County Council

Postal address: County Hall, Marine Road

Town: Dún Laoghaire

Postal code: A96 K6C9

Country: Ireland

E-mail: [mhegarty@dlrcoco.ie](mailto:mhegarty@dlrcoco.ie)

Internet address: <http://www.dlrcoco.ie/en>

#### **VI.5. Date of dispatch of this notice**

26/04/2018