

Ireland-Rathkeale: Electrical machinery, apparatus, equipment and consumables; lighting

OJ S 181/2017 21/09/2017

Contract notice

Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: Design Pro Ltd

National registration number: IE 64006120

Postal address: Rathkeale Industrial Estate, Co. Limerick

Town: Rathkeale

NUTS code: IE051 Mid-West

Postal code: V94 ESC

Country: Ireland

Contact person: Vincent McCormack

E-mail: vmccormack@designpro.ie

Telephone: +353 6963842

Internet address(es):

Main address: <http://designpro.ie/>

Address of the buyer profile: <https://irl.eu-supply.com/ctm/Company/CompanyInformation/Index/144858>

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=118772&B=ETENDERS_SIMPLE

[PID=118772&B=ETENDERS_SIMPLE](http://irl.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=118772&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=118772&B=ETENDERS_SIMPLE

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

I.4. Type of the contracting authority

Other type: private company engaged in EU funded RD&D

I.5. Main activity

Other activity: renewable energy generation

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

Design, specify and supply an AC to AC power take off and control system for 25 kW Hydro-kinetic Turbine.

Reference number: DesignPro DPR25 PTO and Control

II.1.2. Main CPV code

31000000 Electrical machinery, apparatus, equipment and consumables; lighting

II.1.3. Type of contract

Supplies

II.1.4. Short description

DesignPro is developing a prototype 25 kW hydro-kinetic turbine to convert kinetic energy in water flows to electrical power. The design of unit incorporates 2 hydro-kinetic turbines that each drive standard induction motors via an in line gearbox to generate 3 phase AC power. The power output varies with the rotation of the turbines. DesignPro requires an integrated PLC control system + AC to AC power take off system that can utilise the operational parameters of standard 3 phase induction motors to control turbine rotational speed so as to optimise power output and efficiency. The system must also be capable of adapting the initial power outputs of the induction motors to a standard that is acceptable for injection into the power grid. The gearboxes and induction motors will be supplied separately and do not form part of this tender request. Tenders for the design, specification and supply of the PLC control system + AC to AC power take off are being requested.

II.1.5. Estimated total value

Value excluding VAT: 40 000,00 EUR

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.2. Additional CPV code(s)

31200000 Electricity distribution and control apparatus

II.2.3. Place of performance

NUTS code: IE051 Mid-West

Main site or place of performance: Design and bench testing at supplier site, prototype integration and testing at DesignPro site.

II.2.4. Description of the procurement

DesignPro is developing a prototype 25 kW hydro-kinetic turbine to convert kinetic energy in water flows to electrical power. The design of unit incorporates 2 hydro-kinetic turbines that each drive standard induction motors via an in line gearbox to generate 3 phase AC power. The power output varies with the rotation of the turbines. DesignPro requires an integrated PLC control system + AC to AC power take off system that can utilise the operational parameters of standard 3 phase induction motors to control turbine rotational speed so as to optimise power output and efficiency. The system must also be capable of adapting the initial power outputs of the induction motors to a standard that is acceptable for injection into the power grid. The gearboxes and induction motors will be supplied separately and do not form part of this tender request. Tenders for the design, specification and supply of the PLC control system + AC to AC power take off are being requested.

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: 40 000,00 EUR

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

Start: 30/10/2017 End: 30/06/2018

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:
yes

Identification of the project:

II.2.14. Additional information**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:

Tenderer must demonstrate professional capacity to supply equipment and services.

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: no

IV.2. Administrative information**IV.2.2. Time limit for receipt of tenders or requests to participate**

Date: 18/10/2017 Local time: 18:00

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

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

Tender must be valid until: 30/06/2018

IV.2.7. Conditions for opening of tenders

Date: 18/10/2017 Local time: 18:00

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.3. Additional information

VI.4. Procedures for review

VI.4.1. Review body

Official name: Design Pro Ltd

Postal address: Rathkeale Industrial Estate

Town: Rathkeale

Postal code: V94 E5C0

Country: Ireland

E-mail: vmccormack@designpro.ie

Telephone: +353 6967150

Internet address: <http://designpro.ie/>

VI.5. Date of dispatch of this notice

18/09/2017