

United Kingdom-Belfast: Electrical equipment and apparatus
OJ S 73/2015 15/04/2015
Contract notice – utilities
Supplies

Directive 2004/17/EC

Section I: Contracting entity

I.1. Name and addresses

Official name: AES Kilroot Power Ltd

Postal address: AES Killroot Power Station, Larne Road, Carrickfergus

Town: Belfast

Postal code: BT38 7LX

Country: United Kingdom

For the attention of: Steven Rodgers

E-mail: steven.rodgers@aes.com

Telephone: +44 2893381100

Internet address(es):

General address of the contracting entity: <http://www.aes.com>

Address of the buyer profile: <http://www.aes.com>

Electronic access to information: <http://platform.negometrix.com/>

Electronic submission of tenders and requests to participate: <http://platform.negometrix.com/>

Additional information can be obtained from:

the abovementioned address

Specifications and additional documents (including documents for a dynamic purchasing system) can be obtained from: the abovementioned address

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

I.2. Main activity

Electricity

I.3. Contract award on behalf of other contracting entities

The contracting entity is purchasing on behalf of other contracting entities: no

Section II: Object of the contract

II.1. Description

II.1.1. Title attributed to the contract by the contracting entity

KPL-10MW Energy Storage Facility.

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

Supplies

Purchase

Main site or place of performance: Kilroot Power Station, Larne Road, Carrickfergus, Co. Antrim, BT38 7LX Northern Ireland.

NUTS code UKN Northern Ireland

II.1.3. Information about a framework agreement or a dynamic purchasing system

II.1.4. Information about framework agreement

II.1.5. Short description of the contract or purchase(s)

Provision of Goods to be supplied and or Services to be performed regarding a 10 MW Battery Storage facility.

II.1.6. CPV code(s)

31600000 Electrical equipment and apparatus, 31422000 Battery packs, 31158100 Battery chargers, 31155000 Inverters, 31000000 Electrical machinery, apparatus, equipment and consumables; lighting, 31680000 Electrical supplies and accessories, 73100000 Research and experimental development services, 31170000 Transformers, 31213200 Distribution transformers, 31174000 Power supply transformers, 31214000 Switchgear, 31500000 Lighting equipment and electric lamps, 31625100 Fire-detection systems, 31625200 Fire-alarm systems , 35111500 Fire suppression system, 42512300 HVAC packages, 32571000 Communications infrastructure, 32573000 Communications control system, 32581000 Data-communications equipment, 32412000 Communications network, 51300000 Installation services of communications equipment, 64227000 Integrated telecommunications services, 45210000 Building construction work, 45213200 Construction work for warehouses and industrial buildings, 45213220 Construction work for warehouses, 45213221 Warehouse stores construction work, 44115800 Building internal fittings, 45450000 Other building completion work, 45262700 Building alteration work, 45300000 Building installation work, 45315000 Electrical installation work of heating and other electrical building-equipment, 71315000 Building services

II.1.7. Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: no

II.1.8. Information about lots

This contract is divided into lots: yes

Tenders may be submitted for one or more lots

II.1.9. Information about variants

Variants will be accepted: no

II.2. Scope of the procurement

II.2.1. Total quantity or scope

Lot 1 — Batteries:

Battery equipment shall be lithium-ion batteries of 30 minute duration, total 10MW 5MWh of battery energy storage capacity with DC bus voltage less than 1000 VDC. Batteries must be able to be dispatched at one second intervals and perform frequency regulation and other profiles continuously for not less than 98 % of the hours each month. Scope of supply includes batteries, battery management systems, Modbus control interface, DC protection kits, delivery DDP (Incoterms 2003) to the project site, installation, and commissioning. Lot value estimate is in the range 0.35 GBP to 3.5 MM GBP.

Lot 2 — Inverters:

Inverter equipment shall be bi-directional inverters meeting the requirements for grid connection and the requirements for DC side interface. AC side voltage shall be up to 480VAC, DC side voltage up to 1000 VDC. Inverters must be able to be dispatched at one second intervals and perform frequency regulation and other profiles continuously for not less than 98 % of the hours each month. Scope of supply includes inverter with filtering kit, Modbus control interface, and protection, delivery DDP (Incoterms 2003) to the project site, installation, and commissioning. Lot value estimate is in the range 0.2 GBP to 2 MM GBP.

Lot 3 — Balance of Plant Electrical Systems and Components:

Balance of Plant supply of electrical systems and components lot consists of the Supply of Goods and or provision of Services associated with completion of work associated with the Balance of Plant. Lot value estimate is in the range 0.8 GBP - 5 MM GBP.

Good and Services to be provided include but not limited to:

1. 11 kV class switchgear and feeders to modular blocks of energy storage equipment, as well as building auxiliary power circuits.
2. 11 kV to 420 VAC transformers for connection to energy storage equipment, and for building auxiliary circuits.
3. Low voltage switchboards and panelboards for equipment connection.
4. MV and LV cabling, wiring, conduit, raceways, and terminations, energy storage racking and equipment installation.
5. Internal Lighting and receptacles.
6. Communication network and equipment, supplied and installed according to AES design requirements. Including fibre cabling, switches, patch panels and CAT 6 cabling.
7. HVAC and Fire Suppression Systems.
8. Construction of Battery Racking for the connection of the batteries and inverters.
9. Environmental control system.
10. Minor Civil work including, but not limited to, erection of block walls, siting of fire exits and installation of mains water supply.

II.2.2. Information about options

Options: no

II.2.3. Information about renewals

This contract is subject to renewal: no

II.3. Duration of the contract or time limit for completion

Start 30.6.2015 Completion 30.11.2015

Information about lots

Lot No: 1

Lot title: Supply of Battery Equipment

1) Short description

Supply of lithium-ion batteries for a total of 10 MW and between 3.5 MWh and 5 MWh of battery energy storage capacity.

2) CPV code(s)

31422000 Battery packs, 31158100 Battery chargers, 31155000 Inverters, 31000000 Electrical machinery, apparatus, equipment and consumables; lighting, 31680000 Electrical supplies and accessories, 31600000 Electrical equipment and apparatus, 73100000 Research and experimental development services

3) Quantity or scope

Battery equipment shall be lithium-ion batteries for a total of 10 MW and between 3.5 MWh and 5 MWh of battery energy storage capacity with DC bus voltage less than 1000 VDC. The preferred solution is for 10 MW 5 MWh equipment. Batteries must be able to be dispatched at one second intervals and perform frequency regulation and other profiles continuously for not less than 98 % of the hours each month. Scope of supply includes batteries, battery management systems, Modbus control interface, DC protection kits, delivery DDP (Incoterms 2003) to the project site, installation, and commissioning. Batteries must be purchased or provided by an original equipment manufacturer with proven track record of batteries in

service, financial resources to support delivery obligations, and a clear roadmap for future product development. Lot value estimate is in the range 0.35 GBP - 3.5 MM GBP.

4) Indication about different time frame or duration

Start 1.7.2015 Completion 12.11.2015

5) Additional information about lots

All information must be completed and returned as instructed in the Pre-Qualification Questionnaire and Information Memorandum. The response will be assessed as outlined in the PQQ and Information Memorandum.

Re II.1.5 above, this is an estimated value only. The contracting entity reserves the right to award a contract for a higher or lower amount.

Re IV.3.4 above, requests to participate (i.e. completed Pre-Qualification Documents) should be submitted to Steven Rodgers, EMEA Buyer — Projects and Services, Kilroot Power Station, Larne Road, Carrickfergus, County Antrim, Northern Ireland BT38 7LX. Or via email to steven.rodgers@aes.com stating KLR 10 MW Battery Storage Facility PQQ within the subject line.

Lot No: 2

Lot title: Inverter Equipment

1) Short description

Supply of Inverter equipment which shall be bi-directional inverters meeting the requirements for grid connection.

2) CPV code(s)

31422000 Battery packs, 31158100 Battery chargers, 31155000 Inverters, 31000000 Electrical machinery, apparatus, equipment and consumables; lighting, 31680000 Electrical supplies and accessories, 31600000 Electrical equipment and apparatus, 73100000 Research and experimental development services

3) Quantity or scope

Inverter equipment shall be bi-directional inverters meeting the requirements for grid connection and the requirements for DC side interface. AC side voltage shall be up to 480VAC, DC side voltage up to 1000 VDC. Inverters must be able to be dispatched at one second intervals and perform frequency regulation and other profiles continuously for not less than 98 % of the hours each month. Scope of supply includes inverter with filtering kit, Modbus control interface, and protection, delivery DDP (Incoterms 2003) to the project site, installation, and commissioning. Inverters must be purchased or provided by an original equipment manufacturer with proven track record of inverters in service, financial resources to support delivery obligations, and a clear roadmap for future product development. Lot value estimate is in the range 0.2 GBP - 2 MM GBP.

4) Indication about different time frame or duration

Start 1.7.2015 Completion 12.11.2015

5) Additional information about lots

All information must be completed and returned as instructed in the Pre-Qualification Questionnaire and Information Memorandum. The response will be assessed as outlined in the PQQ and Information Memorandum.

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Lot No: 3

Lot title: Balance of Plant — Electrical Systems and Components

1) Short description

To supply and installation of Balance of Plant Electrical Systems and Components.

2) CPV code(s)

31600000 Electrical equipment and apparatus, 31422000 Battery packs, 31158100 Battery chargers, 31155000 Inverters, 31000000 Electrical machinery, apparatus, equipment and consumables; lighting, 31680000 Electrical supplies and accessories, 73100000 Research and experimental development services, 31170000 Transformers, 31213200 Distribution transformers, 31174000 Power supply transformers, 31214000 Switchgear, 31500000 Lighting equipment and electric lamps, 31625100 Fire-detection systems, 31625200 Fire-alarm systems , 35111500 Fire suppression system, 42512300 HVAC packages, 32571000 Communications infrastructure, 32573000 Communications control system, 32581000 Data-communications equipment, 32412000 Communications network, 51300000 Installation services of communications equipment, 64227000 Integrated telecommunications services, 45210000 Building construction work, 45213200 Construction work for warehouses and industrial buildings, 45213220 Construction work for warehouses, 45213221 Warehouse stores construction work, 44115800 Building internal fittings, 45450000 Other building completion work, 45262700 Building alteration work, 45300000 Building installation work, 45315000 Electrical installation work of heating and other electrical building-equipment, 71315000 Building services

3) Quantity or scope

Balance of Plant supply of electrical systems and components lot consists of the Supply of Goods and or provision of Services associated with completion of work associated with the Balance of Plant. Lot value estimate is in the range 0.8 GBP - 5 MM GBP.

Good and Services to be provided include but not limited to:

1. 11 kV class switchgear and feeders to modular blocks of energy storage equipment, as well as building auxiliary power circuits.
2. 11 kV to 420VAC transformers for connection to energy storage equipment, and for building auxiliary circuits.
3. Low voltage switchboards and panelboards for equipment connection.
4. MV and LV cabling, wiring, conduit, raceways, and terminations, energy storage racking and equipment installation
5. Internal Lighting and receptacles.
6. Communication network and equipment, supplied and installed according to AES design requirements. Including fibre cabling, switches, patch panels and CAT 6 cabling.
7. HVAC and Fire Suppression Systems.
8. Construction of Battery Racking for the connection of the batteries and inverters.
9. Environmental control system.
10. Minor Civil work including, but not limited to, erection of block walls, siting of fire exits and installation of mains water supply.

4) Indication about different time frame or duration

5) Additional information about lots

All information must be completed and returned as instructed in the Pre-Qualification Questionnaire and Information Memorandum. The response will be assessed as outlined in the PQQ and Information Memorandum.

Re II.1.5 above, this is an estimated value only. The contracting entity reserves the right to award a contract for a higher or lower amount.

Re IV.3.4 above, requests to participate (i.e. completed Pre-Qualification Documents) should be submitted to Steven Rodgers, EMEA Buyer — Projects and Services, Kilroot Power Station, Larne Road, Carrickfergus, County Antrim, Northern Ireland BT38 7LX. Or via email to steven.rodgers@aes.com stating KLR 10 MW Battery Storage Facility PQQ within the subject line.

Section III: Legal, economic, financial and technical information

III.1. Conditions related to the contract

III.1.1. Deposits and guarantees required

AES Kilroot Power Ltd reserves the right to require bonds, deposits, guarantees, or other appropriate forms of undertaking or security to secure proper performance of the Lot contract.

III.1.2. Main financing conditions and payment arrangements and/or reference to the relevant provisions governing them

The payments terms and details of the form of contract shall be provided in the Invitation to Tender documentation to be issued to those applicants who qualify for the tendering stage of the competition.

III.1.3. Legal form to be taken by the group of economic operators to whom the contract is to be awarded

AES Kilroot Power Ltd reserves the right to require groups of economic operators to take a particular legal form upon contract award or to require that one party has primary liability or to require each party to be jointly and severally liable. The contracting authorities also reserves the right to require bonds, deposits, guarantees, collateral warranties or other appropriate forms of undertaking or security to secure proper performance of the Lot contract.

III.1.4. Contract performance conditions

The performance of the contract is subject to particular conditions: yes

Description of particular conditions: The contracting entity's requirements will be set out in the IM, pre-qualification document and the invitation to tender/negotiate. The successful tenderer (s) must comply with AES's terms and conditions on corporate compliance as a condition to the performance of the lot contract(s).

III.2. Conditions for participation

III.2.1. Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions: Applicants (and consortium members, if any) shall be assessed in accordance with Part 4 of the Utilities Contract regulations 2006, as amended (implementing Title II, Chapter VII, Section 2 of Directive 2004/17) — including but not limited to Regulation 26 thereof — as set out within the Information Memorandum and Pre-Qualification Questionnaire on the basis of information provided in response to the Pre-

Qualification Questionnaire documentation (which is available from the contact point referred to above). Completed Pre-Qualification Questionnaire Documents are to be submitted to the contracting entity by the date specified in Section IV.3.4.

III.2.2. Economic and financial ability

List and brief description of conditions: Applicants shall be assessed in accordance with Part 4 of the Utilities Contracts Regulations 2006, as amended (implementing Title II, Chapter VII, Section 2 of Directive 2004/17) — Including Regulation 27 thereof — as set out within the Information Memorandum and Pre-Qualification Questionnaire on the basis of information provided in response to the Pre-Qualification Questionnaire Documentation (which is available from the contact point referred to above), and particular, PQQ Parts C and F thereof. Completed Pre-Qualification Questionnaire Documents are to be submitted to the contracting entity by the date specified in Section IV.3.4.

III.2.3. Technical and professional ability

List and brief description of conditions: Applicants shall be assessed in accordance with Part 4 of the Utilities Contracts Regulations 2006, as amended (implementing Title II, Chapter VII, Section 2 of Directive 2004/17) — Including Regulation 27 thereof — as set out within the Information Memorandum and Pre-Qualification Questionnaire on the basis of information provided in response to the Pre-Qualification Questionnaire Documentation (which is available from the contact point referred to above), and particular, PQQ Parts D, G and F thereof. Completed Pre-Qualification Questionnaire Documents are to be submitted to the contracting entity by the date specified in Section IV.3.4.

III.2.4. Information about reserved contracts

III.3. Conditions specific to services contracts

III.3.1. Information about a particular profession

III.3.2. Information about staff responsible for the performance of the contract

Section IV: Procedure

IV.1. Type of procedure

IV.1.1. Type of procedure

Negotiated

IV.2. Award criteria

IV.2.1. Award criteria

The most economically advantageous tender in terms of the criteria stated in the specifications or in the invitation to tender or to negotiate

IV.2.2. Information about electronic auction

An electronic auction will be used: no

IV.3. Administrative information

IV.3.1. File reference number attributed by the contracting entity

KPL-10MW Energy Storage Facility

IV.3.2. Previous publication concerning this procedure

no

IV.3.3. Conditions for obtaining specifications and additional documents

(except for a DPS)

Payable documents: no

IV.3.4. Time limit for receipt of tenders or requests to participate

30.4.2015

IV.3.5. Languages in which tenders or requests to participate may be submitted

English.

IV.3.6. Minimum time frame during which the tenderer must maintain the tender

IV.3.7. Conditions for opening of tenders

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.2. Information about European Union funds

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

VI.3. Additional information

A Pre-Qualification Questionnaire will be provided through the AES procurement website. Applicants must request a Username and Password for access to the website. The request for a Username and Password should be addressed in writing to the EMEA Buyer at AES, steven.rodgers@aes.com, as per the details provided in Section 1.1 of this notice.

VI.4. Procedures for review

VI.4.1. Review body

VI.4.2. Review procedure

VI.4.3. Service from which information about the review procedure may be obtained

VI.5. Date of dispatch of this notice

10.4.2015