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Tender

Demand Management and Renewables

Crown Commercial Service

F02: Contract notice

Notice identifier: 2022/S 000-033826

Procurement identifier (OCID): ocds-h6vhtk-030509

Published 29 November 2022, 3:33pm

Section I: Contracting authority

I.1) Name and addresses

Crown Commercial Service

The Capital Building, Old Hall Street

Liverpool

L3 9PP

Email

supplier@crowncommercial.gov.uk

Telephone

+44 3150103503

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<https://www.gov.uk/ccs>

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

<https://crowncommercialservice.bravosolution.co.uk>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://crowncommercialservice.bravosolution.co.uk>

Tenders or requests to participate must be submitted to the above-mentioned address

I.4) Type of the contracting authority

Ministry or any other national or federal authority

I.5) Main activity

Other activity

Public Procurement

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Demand Management and Renewables

Reference number

RM6314

II.1.2) Main CPV code

- 71314000 - Energy and related services

II.1.3) Type of contract

Services

II.1.4) Short description

This Demand Management and Renewables Framework Alliance Contract is complemented by a suite of other CCS commercial agreements for related supplies and services (e.g. estate professional services, project management and design services, facilities management, utilities and fuels, furniture etc.). This will collectively enable Additional Clients to effectively manage the full life cycle requirements of their built asset and associated strategies on the basis of whole life value considerations.

The Supplier Alliance Member may be required to consult and/or work with suppliers appointed to other CCS agreements. This will be further detailed in the specific Project Contract, to enable decisions to be informed on the basis of whole life value and to enable the coordination of full (or part) life-cycle requirements.

The scope of works and services required and the procurement route will be specified at the Project Contract stage.

II.1.5) Estimated total value

Value excluding VAT: £800,000,000

II.1.6) Information about lots

This contract is divided into lots: Yes

Tenders may be submitted for all lots

II.2) Description

II.2.1) Title

Solar Photovoltaic

Lot No

Lot 1.1 £0 to 1m Value Projects

II.2.2) Additional CPV code(s)

- 09330000 - Solar energy
- 09331000 - Solar panels
- 09331100 - Solar collectors for heat production
- 09331200 - Solar photovoltaic modules
- 09332000 - Solar installation
- 31712347 - Power or solar diodes
- 45261215 - Solar panel roof-covering work
- 45315000 - Electrical installation work of heating and other electrical building-equipment

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

A Supplier Alliance Member in Lot 1 under the Framework Contract shall provide access to expert solar photovoltaic services across multiple delivery stages, from design and feasibility to installation and maintenance and disposal.

The Supplier Alliance Member shall provide solar pv services that support an Additional Clients decarbonisation strategy and energy reduction measures. Typical works and services within ground, roof mounted and large scale solar farm projects may include, but are not limited to;

Data and testing including analysis of impact on electricity maximum load across a Clients

estate;

Connection to the grid and the relevant Distribution Network Operator (DNO);

Inverter maintenance and further solar pv cleaning services;

Site survey investigations and reports;

Planning approval;

Environmental disposal;

Health and Safety advice;

Business case development;

On site risk assessments;

Environmental assessments;

The Supplier Alliance Member shall provide all services in a safe and efficient way as determined by law and the required standards set out by the Additional Client within the Project Contract

Supplier Alliance Members within this Lot will provide all of the following stages of works and services.

i) Design and Feasibility

The Supplier Alliance Member is required to provide technical support to public sector Organisations (Additional Clients) looking at solar photovoltaic projects to support their Carbon Net Zero strategies. Additional Clients may require technical support for individual solar projects or wider scale solar pv across an organisation's estate.

ii) Installation, maintenance, disposal

For installation and maintenance works a Supplier Alliance Member will be required to adhere, but not limited to, the following standards and accreditations;

- Microgeneration (MCS 001-1) standard personnel.
- NICEIC Approved Contractor
- Use of pyranometers for assessment (ISO/TR 9901:2021)
- Building Regulations Part A (Structural Safety) and Part P (Electrical Safety)
- British Standard 7671

The Supplier Alliance Member shall ensure any servicing and maintenance works are carried out using the appropriate machinery and technology in line with relevant industry standards relating to, but not limited to, the following:

- Metering checks;
- Pyranometer checks;
- Fault alarm;
- Data software maintenance;
- Cleaning of solar pv panels;
- Inverter checks;

Disposal:

Where appropriate, the Supplier Alliance Member shall ensure that any equipment from an incumbent contract or end of an existing contract are decommissioned and disposed in line with appropriate environmental standards.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

II.2.6) Estimated value

Value excluding VAT: £80,000,000

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

Duration in months

48

This contract is subject to renewal

Yes

Description of renewals

CCS reserve the right to extend lots by varying durations

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) Description

II.2.1) Title

Solar Photovoltaic

Lot No

Lot 1.2 £1m Plus value projects

II.2.2) Additional CPV code(s)

- 09330000 - Solar energy

- 09331000 - Solar panels
- 09331100 - Solar collectors for heat production
- 09331200 - Solar photovoltaic modules
- 09332000 - Solar installation
- 31712347 - Power or solar diodes
- 45261215 - Solar panel roof-covering work
- 45315000 - Electrical installation work of heating and other electrical building-equipment

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

A Supplier Alliance Member in Lot 1 under the Framework Contract shall provide access to expert solar photovoltaic services across multiple delivery stages, from design and feasibility to installation and maintenance and disposal.

The Supplier Alliance Member shall provide solar pv services that support an Additional Clients decarbonisation strategy and energy reduction measures. Typical works and services within ground, roof mounted and large scale solar farm projects may include, but are not limited to;

Data and testing including analysis of impact on electricity maximum load across a Clients estate;

Connection to the grid and the relevant Distribution Network Operator (DNO);

Inverter maintenance and further solar pv cleaning services;

Site survey investigations and reports;

Planning approval;

Environmental disposal;

Health and Safety advice;

Business case development;

On site risk assessments;

Environmental assessments;

The Supplier Alliance Member shall provide all services in a safe and efficient way as determined by law and the required standards set out by the Additional Client within the Project Contract

Supplier Alliance Members within this Lot will provide all of the following stages of works and services.

i) Design and Feasibility

The Supplier Alliance Member is required to provide technical support to public sector Organisations (Additional Clients) looking at solar photovoltaic projects to support their Carbon Net Zero strategies. Additional Clients may require technical

support for individual solar projects or wider scale solar pv across an organisation's estate.

ii) Installation, maintenance, disposal

For installation and maintenance works a Supplier Alliance Member will be required to adhere, but not limited to, the following standards and accreditations;

- Microgeneration (MCS 001-1) standard personnel.
- NICEIC Approved Contractor
- Use of pyranometers for assessment (ISO/TR 9901:2021)
- Building Regulations Part A (Structural Safety) and Part P (Electrical Safety)
- British Standard 7671

The Supplier Alliance Member shall ensure any servicing and maintenance works are carried out using the appropriate machinery and technology in line with relevant industry standards relating to, but not limited to, the following:

- Metering checks;

- Pyranometer checks;
- Fault alarm;
- Data software maintenance;
- Cleaning of solar pv panels;
- Inverter checks;

Disposal:

Where appropriate, the Supplier Alliance Member shall ensure that any equipment from an incumbent contract or end of an existing contract are decommissioned and disposed in line with appropriate environmental standards.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

II.2.6) Estimated value

Value excluding VAT: £120,000,000

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

Duration in months

48

This contract is subject to renewal

Yes

Description of renewals

CCS reserve the right to extend lots by varying durations

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) Description

II.2.1) Title

Battery Energy Storage

Lot No

Lot 2.1 £0 to 1m Value projects

II.2.2) Additional CPV code(s)

- 31200000 - Electricity distribution and control apparatus
- 31682000 - Electricity supplies
- 39715100 - Electric instantaneous or storage water heaters and immersion heaters
- 45315000 - Electrical installation work of heating and other electrical building-equipment
- 51112000 - Installation services of electricity distribution and control equipment
- 65300000 - Electricity distribution and related services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

A Supplier Alliance Member in Lot 2 under the Framework Contract shall provide access to expert battery energy storage across multiple delivery stages, from design and feasibility to installation and maintenance and disposal.

The Supplier Alliance Member shall provide battery and energy storage services that support an Additional Clients decarbonisation strategy and energy reduction measures. Typical works and services may include, but not limited to, the following;

battery storage including capacitor services;

thermal energy storage;

hydrogen storage and hydropower; and

connection to relevant distribution network operator (DNO)

connection to Additional Clients estate including any renewable assets and electrical vehicle charging points.

The Supplier Alliance Member shall provide battery energy storage products and services in line with relevant industry standards. This includes the provision of, but not limited to, the following;

Compressed air energy storage;

Mechanical gravity energy storage and;

Flow batteries including heat storage.

Suppliers Alliance Members within this Lot will provide at least one of the following within the battery energy storage industry

i) Design and Feasibility

The Supplier Alliance Member is required to provide technical support to public sector Organisations (Additional Clients) investigating battery energy storage to support their Carbon Net Zero strategies and balancing of the national grid. Additional Clients may require technical support for individual battery storage projects or wider energy storage across an organisation's estate

ii) Installation, maintenance, disposal Installation:

For installation and maintenance works this will include but not limited to, the following standards and accreditations;

Microgeneration (Battery Storage Standard (MIS 3012) accredited personnel;

NICEIC Approved Contractor;

Energy related product rating or future equivalent;

Flow temperature checks in line with relevant, and future, Building Regulations;

Heat loss calculation checks in line with relevant, and future, Building Regulations;

Building Regulations Part L and Part P; and

British Standard 7671

The Supplier Alliance Member shall ensure that where civil engineering works apply, they are delivered in line with the relevant British Standards and industry standards.

Maintenance:

The Supplier Alliance Member shall ensure that the Additional Client is given twenty-eight (28) calendar days' notice of any scheduled maintenance.

The Supplier Alliance Member shall ensure all servicing and maintenance works are carried out by appropriate qualified staff relevant to the product or service.

Disposal:

Where appropriate, the Supplier Alliance Member shall ensure that any equipment from an incumbent contract or end of an existing contract are decommissioned and disposed in line with appropriate environmental standards.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

II.2.6) Estimated value

Value excluding VAT: £80,000,000

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

Duration in months

48

This contract is subject to renewal

Yes

Description of renewals

CCS reserve the right to extend lots by varying durations

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) Description

II.2.1) Title

Battery Energy Storage

Lot No

Lot 2.2 £1m plus Value projects

II.2.2) Additional CPV code(s)

- 31200000 - Electricity distribution and control apparatus

- 31682000 - Electricity supplies
- 39715100 - Electric instantaneous or storage water heaters and immersion heaters
- 45315000 - Electrical installation work of heating and other electrical building-equipment
- 51112000 - Installation services of electricity distribution and control equipment
- 65300000 - Electricity distribution and related services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

A Supplier Alliance Member in Lot 2 under the Framework Contract shall provide access to expert battery energy storage across multiple delivery stages, from design and feasibility to installation and maintenance and disposal.

The Supplier Alliance Member shall provide battery and energy storage services that support an Additional Clients decarbonisation strategy and energy reduction measures. Typical works and services may include, but not limited to, the following;

battery storage including capacitor services;

thermal energy storage;

hydrogen storage and hydropower; and

connection to relevant distribution network operator (DNO)

connection to Additional Clients estate including any renewable assets and electrical vehicle charging points.

The Supplier Alliance Member shall provide battery energy storage products and services in line with relevant industry standards. This includes the provision of, but not limited to, the following;

Compressed air energy storage;

Mechanical gravity energy storage and;

Flow batteries including heat storage.

Suppliers Alliance Members within this Lot will provide at least one of the following within the battery energy storage industry

i) Design and Feasibility

The Supplier Alliance Member is required to provide technical support to public sector Organisations (Additional Clients) investigating battery energy storage to support their Carbon Net Zero strategies and balancing of the national grid. Additional Clients may require technical support for individual battery storage projects or wider energy storage across an organisation's estate

ii) Installation, maintenance, disposal

Installation:

For installation and maintenance works this will include but not limited to, the following standards and accreditations;

Microgeneration (Battery Storage Standard (MIS 3012) accredited personnel;

NICEIC Approved Contractor;

Energy related product rating or future equivalent;

Flow temperature checks in line with relevant, and future, Building Regulations;

Heat loss calculation checks in line with relevant, and future, Building Regulations;

Building Regulations Part L and Part P; and

British Standard 7671

The Supplier Alliance Member shall ensure that where civil engineering works apply, they are delivered in line with the relevant British Standards and industry standards.

Maintenance:

The Supplier Alliance Member shall ensure that the Additional Client is given twenty-eight (28) calendar days' notice of any scheduled maintenance.

The Supplier Alliance Member shall ensure all servicing and maintenance works are carried out by appropriate qualified staff relevant to the product or service.

Disposal:

Where appropriate, the Supplier Alliance Member shall ensure that any equipment from an incumbent contract or end of an existing contract are decommissioned and disposed in line with appropriate environmental standards.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

II.2.6) Estimated value

Value excluding VAT: £120,000,000

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

Duration in months

48

This contract is subject to renewal

Yes

Description of renewals

CCS reserve the right to extend lots by varying durations

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) Description

II.2.1) Title

Storage, Heat Pumps

Lot No

Lot 3.1 £0 to 1m Value Projects

II.2.2) Additional CPV code(s)

- 39715000 - Water heaters and heating for buildings; plumbing equipment
- 42511110 - Heat pumps
- 42533000 - Parts of heat pumps
- 44622100 - Heat-recovery equipment
- 45232000 - Ancillary works for pipelines and cables
- 45232141 - Heating works
- 45315000 - Electrical installation work of heating and other electrical building-equipment
- 45331000 - Heating, ventilation and air-conditioning installation work
- 50721000 - Commissioning of heating installations
- 71314000 - Energy and related services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The Supplier Alliance Member is required to provide technical support to public sector Organisations (Additional Clients) investigating how heat pumps can support their Carbon Net Zero strategies particularly their heat decarbonisation strategy. Additional Clients may

require technical support for individual heat pump projects or wider heat pump projects across an organisation's estate.

The Supplier Alliance Member shall provide relevant design standards in accordance with the heat pump industry standards. This experience is in accordance with the professional grade definitions set out by the Additional Client within the Project Contract as outlined in Section 7 (Resources)

The Supplier Alliance Member shall provide heat pump services that support an Additional Clients decarbonisation strategy and energy reduction measures. Typical works and services may include, but not limited to,

- water source heat pumps;

- air source heat pumps;

- ground source heat pumps;

- geothermal;

- site survey investigations and reports;

- planning approval;

- environmental disposal;

- health and Safety advice;

- business case development;

- on site risk assessments including compressor unit checks;

- environmental assessments; and

- Establishing Shared ground loop systems

The Supplier Alliance Member shall provide suitably qualified personnel with the relevant experience to support the research and design requirements for each Project Contract.

The Supplier Alliance Member will ensure it is aligned with the Government's Heat and Building strategy

The Supplier Alliance Member shall be able to provide on site surveys and assessments where required. When requested by the Additional Client, the Supplier Alliance Member shall

provide a list of all staff requiring admission to Additional Clients premises or any specified third party premises, in advance of any on site surveys and assessments.

The Supplier Alliance Member shall ensure any knowledge or data is shared accordingly with the Additional Clients staff in line with the Government Consultancy Playbook (May 2021)

ii) Installation, maintenance, disposal

For installation and maintenance works this will include but not limited to, the following standards and accreditations;

Microgeneration (Heat Pump Standard) accredited personnel.

ISO 27.080 and relevant sub stages such as 21978 and 13256

Energy related product rating or future equivalent

NICEIC Approved Contractor

Gas Safety Registration

The Supplier Alliance Member shall ensure all of the staff, including subcontractors, concerned with the Client and Additional Client requirements are suitably trained and comply with all relevant health and safety legislation throughout the duration of the framework agreement and any contract awarded. When requested by the Additional Client, the Supplier Alliance member shall provide a list of all staff requiring admission to Additional Client's premises or any specified third-party premises, in advance of the equipment delivery, installation or removal date.

The Supplier Alliance Member shall ensure that where civil engineering works apply, they are delivered in line with the relevant British Standards and industry standards.

Maintenance:

The Supplier Alliance Member shall provide a breakdown of relevant servicing and maintenance costs to the Additional Client where applicable.

The Supplier Alliance Member shall ensure all servicing and maintenance works are carried out by appropriate qualified staff relevant to the product or service.

Disposal:

Where appropriate, the Supplier Alliance Member shall ensure that any equipment from an incumbent contract or end of an existing contract are decommissioned and disposed in line with appropriate environmental standards.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

II.2.6) Estimated value

Value excluding VAT: £80,000,000

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

Duration in months

48

This contract is subject to renewal

Yes

Description of renewals

CCS reserve the right to extend lots by varying durations

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) Description

II.2.1) Title

Storage, Heat Pumps

Lot No

Lot 3.2 £1m plus value projects

II.2.2) Additional CPV code(s)

- 39715000 - Water heaters and heating for buildings; plumbing equipment
- 42511110 - Heat pumps
- 42533000 - Parts of heat pumps
- 44622100 - Heat-recovery equipment
- 45232000 - Ancillary works for pipelines and cables
- 45232141 - Heating works
- 45315000 - Electrical installation work of heating and other electrical building-equipment
- 45331000 - Heating, ventilation and air-conditioning installation work
- 50721000 - Commissioning of heating installations
- 71314000 - Energy and related services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The Supplier Alliance Member is required to provide technical support to public sector Organisations (Additional Clients) investigating how heat pumps can support their Carbon Net Zero strategies particularly their heat decarbonisation strategy. Additional Clients may require technical support for individual heat pump projects or wider heat pump projects across an organisations estate.

The Supplier Alliance Member shall provide relevant design standards in accordance with the heat pump industry standards. This experience is in accordance with the professional grade definitions set out by the Additional Client within the Project Contract as outlined in Section 7 (Resources)

The Supplier Alliance Member shall provide heat pump services that support an Additional Clients decarbonisation strategy and

energy reduction measures. Typical works and services may include, but not limited to,

- water source heat pumps;

- air source heat pumps;

- ground source heat pumps;

- geothermal;

- site survey investigations and reports;

- planning approval;

- environmental disposal;

- health and Safety advice;

- business case development;

- on site risk assessments including compressor unit checks;

- environmental assessments; and

- Establishing Shared ground loop systems

The Supplier Alliance Member shall provide suitably qualified personnel with the relevant experience to support the research and design requirements for each Project Contract.

The Supplier Alliance Member will ensure it is aligned with the Government's Heat and Building strategy

The Supplier Alliance Member shall be able to provide on site surveys and assessments where required. When requested by the Additional Client, the Supplier Alliance Member shall provide a list of all staff requiring admission to Additional Clients premises or any specified third party premises, in advance of any on site surveys and assessments

The Supplier Alliance Member shall ensure any knowledge or data is shared accordingly with the Additional Clients staff in line with the Government Consultancy Playbook (May 2021)

ii) Installation, maintenance, disposal

For installation and maintenance works this will include but not limited to, the following standards and accreditations;

Microgeneration (Heat Pump Standard) accredited personnel.

ISO 27.080 and relevant sub stages such as 21978 and 13256

Energy related product rating or future equivalent

NICEIC Approved Contractor

Gas Safety Registration

The Supplier Alliance Member shall ensure all of the staff, including subcontractors, concerned with the Client and Additional Client requirements are suitably trained and comply with all relevant health and safety legislation throughout the duration of the framework agreement and any contract awarded. When requested by the Additional Client, the Supplier Alliance member shall provide a list of all staff requiring admission to Additional Client's premises or any specified third party premises, in advance of the equipment delivery, installation or removal date.

The Supplier Alliance Member shall ensure that where civil engineering works apply, they are delivered in line with the relevant British Standards and industry standards.

Maintenance:

The Supplier Alliance Member shall provide a breakdown of relevant servicing and maintenance costs to the Additional Client where applicable.

The Supplier Alliance Member shall ensure all servicing and maintenance works are carried out by appropriate qualified staff relevant to the product or service.

Disposal:

Where appropriate, the Supplier Alliance Member shall ensure that any equipment from an incumbent contract or end of an existing contract are decommissioned and disposed in line with appropriate environmental standards.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

II.2.6) Estimated value

Value excluding VAT: £120,000,000

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

Duration in months

48

This contract is subject to renewal

Yes

Description of renewals

CCS reserve the right to extend lots by varying durations

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) Description

II.2.1) Title

Heat Network Design

Lot No

Lot 4.1

II.2.2) Additional CPV code(s)

- 09323000 - District heating
- 09324000 - Long-distance heating
- 39715000 - Water heaters and heating for buildings; plumbing equipment
- 39715200 - Heating equipment
- 42510000 - Heat-exchange units, air-conditioning and refrigerating equipment, and filtering machinery
- 42511000 - Heat-exchange units and machinery for liquefying air or other gases
- 42511100 - Heat-exchange units
- 42515000 - District heating boiler
- 44163120 - Distance-heating pipes
- 44163121 - Heating pipes
- 45232000 - Ancillary works for pipelines and cables
- 45232140 - District-heating mains construction work
- 45232141 - Heating works
- 45232142 - Heat-transfer station construction work
- 45251000 - Construction works for power plants and heating plants
- 45251250 - District-heating plant construction work
- 45331000 - Heating, ventilation and air-conditioning installation work
- 50721000 - Commissioning of heating installations
- 71314000 - Energy and related services

- 71314310 - Heating engineering services for buildings

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The services provided within Lot 4.1 and 4.2, shall be applied, but not limited to, the following heat network types

Deep geothermal sub-soil;

Combined heat and power systems;

District heat network;

Communal heating;

Energy from waste;

Waste recovered heat sources;

Large scale solar thermal heat;

Hydrogen for heat sources; and

Shared ground loop systems

Lot 4.1 Design

Scope

The Supplier Alliance Member shall provide the Additional Client with heat network, space heating and domestic heating and cooling design services or sometimes referred to as district heating.

The Supplier Alliance Member shall deliver services in line with the Government heat decarbonisation and heat network strategy and Targets outlined in the Net Zero Strategy and Heat and Building strategy.

The services provided within Lot 4.1 and 4.2, shall be applied, but not limited to, the

following heat network types

Deep geothermal sub-soil;

Combined heat and power systems;

District heat network;

Communal heating;

Energy from waste;

Waste recovered heat sources;

Large scale solar thermal heat;

Hydrogen for heat sources; and

Shared ground loop systems

Lot 4.1 Design

Scope

The Supplier Alliance Member shall provide the Additional Client with heat network, space heating and domestic heating and cooling design services or sometimes referred to as district heating.

The Supplier Alliance Member shall deliver services in line with the Government heat decarbonisation and heat network strategy and Targets outlined in the Net Zero Strategy and Heat and Building strategy.

The Supplier Alliance Member shall work with the Additional Client who will choose to utilise the CIBSE CP1 Code of Practice in line with government Heat Network Delivery Unit and Green Heat Network Funds.

The Supplier Alliance Member shall adhere to relevant heat network design and construction industry standards including, but not limited to; the Heat Network and Billing Regulations (2014) and future OFGEM heat network infrastructure legislation.

The Supplier Alliance Member shall provide the Additional Client with design services that include, but not limited to, the following;

Onsite surveys and infrastructure assessments;

Design services for the development of a new district energy centre;

Business case support for connection to existing heat networks including financial forecasting;

Design services to support the maintenance and improvement works on an existing Additional Clients heat network

The Supplier Alliance Member shall adhere to relevant heat network design and construction industry standards including, but not limited to; the Heat Network and Billing Regulations (2014) and future OFGEM heat network infrastructure legislation.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

II.2.6) Estimated value

Value excluding VAT: £30,000,000

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

Duration in months

48

This contract is subject to renewal

Yes

Description of renewals

CCS reserve the right to extend lots by varying durations

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) Description

II.2.1) Title

Heat Network Design and Build

Lot No

Lot 4.2

II.2.2) Additional CPV code(s)

- 09323000 - District heating
- 09324000 - Long-distance heating
- 39715000 - Water heaters and heating for buildings; plumbing equipment
- 39715200 - Heating equipment
- 42510000 - Heat-exchange units, air-conditioning and refrigerating equipment, and filtering machinery
- 42511000 - Heat-exchange units and machinery for liquefying air or other gases
- 42511100 - Heat-exchange units
- 42515000 - District heating boiler
- 44163120 - Distance-heating pipes
- 44163121 - Heating pipes
- 45232000 - Ancillary works for pipelines and cables
- 45232140 - District-heating mains construction work

- 45232141 - Heating works
- 45232142 - Heat-transfer station construction work
- 45251000 - Construction works for power plants and heating plants
- 45251250 - District-heating plant construction work
- 45331000 - Heating, ventilation and air-conditioning installation work
- 50721000 - Commissioning of heating installations
- 71314000 - Energy and related services
- 71314310 - Heating engineering services for buildings

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The services provided within Lot 4.1 and 4.2, shall be applied, but not limited to, the following heat network types

Deep geothermal sub-soil;

Combined heat and power systems;

District heat network;

Communal heating;

Energy from waste;

Waste recovered heat sources;

Large scale solar thermal heat;

Hydrogen for heat sources; and

Shared ground loop systems

The Supplier Alliance Member shall provide the Additional Client with heat network, space heating and domestic heating and cooling design services or sometimes referred to as district heating for the design and subsequent construction of new heat network projects.

The Supplier Alliance Member shall deliver services in line with the Government heat decarbonisation and heat network strategy and Targets outlined in the Net Zero Strategy and Heat and Building strategy

The Supplier Alliance Member shall work with the Additional Client who will choose to utilise the CIBSE CP1 Code of Practice in line with government Heat Network Delivery Unit and Green Heat Network Funds.

The Supplier Alliance Member shall ensure that any design of a new heat network meets the relevant construction standards for the project type specified at Project Brief stage.

The Supplier Alliance Member shall provide project management services and personnel for the construction of a new district heat network including sourcing effective subcontractors to deliver the Project Contract. This will include the provision of, but not limited to, the following;

- Civil engineering works

- Installation works of insulated pipe systems

- Operation and maintenance technical inspectors

- Control system specialist

- Design Engineer

The Supplier Alliance Member shall ensure that all construction projects and maintenance works provide the relevant number of Heat Interface Units required for the Project Contract.

The Supplier Alliance Member may be required by the Additional Client to align with the relevant Heat Trust standards and future regulation.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

II.2.6) Estimated value

Value excluding VAT: £150,000,000

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

Duration in months

48

This contract is subject to renewal

Yes

Description of renewals

CCS reserve the right to extend lots by varying durations

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) Description

II.2.1) Title

Carbon Net Zero Consultancy

Lot No

Lot 5

II.2.2) Additional CPV code(s)

- 71312000 - Structural engineering consultancy services

- 71313000 - Environmental engineering consultancy services
- 71313400 - Environmental impact assessment for construction
- 71314000 - Energy and related services
- 71314300 - Energy-efficiency consultancy services
- 71315200 - Building consultancy services
- 71321000 - Engineering design services for mechanical and electrical installations for buildings
- 71600000 - Technical testing, analysis and consultancy services
- 71621000 - Technical analysis or consultancy services
- 73200000 - Research and development consultancy services
- 73210000 - Research consultancy services
- 79415000 - Production management consultancy services
- 90713000 - Environmental issues consultancy services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

A Supplier Alliance Member in Lot 5 under the Framework Contract shall provide access to a range of industry expert decarbonisation professional services at discrete delivery stages, from inception to completion, to support a variety of projects including, but not limited to, the following areas:

- Carbon reporting;
- Solar photovoltaic services;
- Battery energy storage;

- Heat pump services;
- Heat network development;
- Power Purchase Agreements (both direct and indirect wire);
- Environmental planning and protection;
- Pollution control;
- Carbon offsetting;
- Scope emission reporting;
- Building retrofit;

The Supplier Alliance Member is required to provide technical support to public sector organisations looking at projects to support their Carbon Net Zero strategies. The Additional Client may be requiring technical support for individual projects or a wider decarbonisation strategy of their whole estate. The Supplier Alliance Member shall have the ability to provide services relating to the advice, design, research and production of feasibility studies against at least one of the products and services listed in the Scope.

The Supplier Alliance Member shall provide design standards in accordance with the relevant industry.

The Supplier Alliance Member shall provide suitably qualified personnel with the relevant experience to support the research and design requirements for each Project Contract. This experience is in accordance with the professional grade definitions set out by the Additional Client within the Project Brief.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

II.2.6) Estimated value

Value excluding VAT: £20,000,000

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

Duration in months

48

This contract is subject to renewal

Yes

Description of renewals

CCS reserve the right to extend lots by varying durations

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

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

Candidates will be assessed in accordance with Section 5 of the 2015 Public Contract Regulations (implementing the directive) on the basis of information provided in response to an invitation to tender (ITT) registering for access.

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

The procurement involves the establishment of a framework agreement

Framework agreement with several operators

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: [2021/S 000-032146](#)

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

Date

18 January 2023

Local time

12:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

IV.2.7) Conditions for opening of tenders

Date

18 January 2023

Local time

12:01pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: Yes

VI.2) Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.3) Additional information

As part of this contract notice the following documents can be accessed at: [insert contracts finder link]

- 1) Contract notice transparency information for the agreement;
- 2) Contract notice authorised customer list;
- 3) Rights reserved for CCS framework.

On 2.4.2014 Government introduced its Government Security Classifications (GSC) scheme which replaced Government Protective Marking Scheme (GPMS). A key aspect is the reduction in the number of security classifications used. All bidders should make themselves aware of the changes as it may impact this requirement. This link provides information on the GSC at: <https://www.gov.uk/government/publications/government-security-classifications>

Cyber Essentials is a mandatory requirement for Central Government contracts which involve handling personal information or provide certain ICT products/services. Government is taking steps to reduce the levels of cyber security risk in its supply chain through the Cyber Essentials scheme. The scheme defines a set of controls which, when implemented, will provide organisations with basic protection from the most prevalent forms of threat coming from the internet. To participate in this procurement, bidders must be able to demonstrate they comply with the technical requirements prescribed by Cyber Essentials, for services under and in connection with this procurement.

Refer to <https://www.ncsc.gov.uk/information/cyber-essentials-fags> for more information.

Some purchases under this framework Agreement may have requirements that can be met under this Framework Agreement but the purchase of which may be exempt from the Procurement Regulations (as defined in Attachment 1 – About the framework within the invitation to tender documentation). In such cases, Call-offs from this Framework will be unregulated purchases for the purposes of the Procurement Regulations, and the buyers may, at their discretion, modify the terms of the Framework and any Call-off Contracts to reflect that buyer's specific needs.

CCS reserve the right to award a framework to any bidder whose final score is within 1% of the last position.

Registering for access:

This procurement will be managed electronically via the eSourcing suite. This will be the route for sharing all information and communicating with bidders. If you have recently registered on the eSourcing suite for another CCS procurement you can use the same account for this new procurement. If not, you will first need to register your organisation on the portal.

Use the following link for information on how register and use the eSourcing tool:
<https://www.gov.uk/government/publications/esourcing-tool-guidance-for-suppliers>

For assistance please contact the eSourcing Help desk operated by email at eEnablement@crowncommercial.gov.uk or call 0345 410 2222.

VI.4) Procedures for review

VI.4.1) Review body

The Minister for the Cabinet Office acting through Crown Commercial Service

9th Floor, The Capital, Old Hall Street

Liverpool

L3 9PP

Email

supplier@crowncommercial.gov.uk

Telephone

+44 3450103503

Country

United Kingdom

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<https://www.crowncommercial.gov.uk/>