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Planning

High Voltage Control, Operation, Maintenance and Emergency Response (COMER) for Environment Agency North West

Environment Agency

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-016793

Procurement identifier (OCID): ocids-h6vhtk-03483e

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Section I: Contracting authority

I.1) Name and addresses

Environment Agency

Horizon House

Bristol

BS1 5AH

Contact

Jessica Cahill

Email

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Telephone

+44 2072385921

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

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

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

National or federal Agency/Office

I.5) Main activity

Environment

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

High Voltage Control, Operation, Maintenance and Emergency Response (COMER) for Environment Agency North West

II.1.2) Main CPV code

- 50532000 - Repair and maintenance services of electrical machinery, apparatus and associated equipment

II.1.3) Type of contract

Services

II.1.4) Short description

The Environment Agency (EA) manages government investment to reduce flood risk and coastal erosion in England. Part of this investment is used to build, operate and maintain flood defence assets such as pumping stations, flood gates, raised embankments, flood basins etc. The Contract relates to high voltage (HV) Control Operation Maintenance and Emergency Response (COMER) provision at 2 of these flood defence assets and the planned preventative maintenance of (LV) ACBs at 1 other asset. All assets are located in the North West of England.

II.1.5) Estimated total value

Value excluding VAT: £160,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 31161900 - Voltage-control systems

- 500000000 - Repair and maintenance services
- 71334000 - Mechanical and electrical engineering services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

North West England

II.2.4) Description of the procurement

2. Assets covered by the Contract

2.1. Altmouth pumping station, Hightown, LS38 7JB (NGR: SD2954004381)

Equipment schedule:

- 1 No. Igranic 11kV Switchboard complete with 12 Tamco VCB's and all instrumentation and protection devices.
- 1 No. VCB 50V Battery Tripping Unit and Batteries
- 2 No. 11kV/ 415V 800kVA power distribution transformers (Oil Filled Type)
- 4 No. 11kV/3.3kV 800kVA power distribution transformers (Cast Resin Type)
- 4 No. 3.3kV Igranic motor ATX starter panels with Mechanical Isolator and Restricted Earth Fault (REF) protection device.
- 4 No. ABB SACE LV Air Circuit Breakers
- All REF protection devices on HV and LV systems

2.2. Crossens pumping station, Southport, PR9 8JQ (NGR: SD3772320670)

Equipment schedule:

- 1 No. 5 panel 11kV Alstom Switchboard including VTs, VCB, and all protection devices.

- 2 No. 11kV/ 415V 1600kVA Oil Filled Air Cooled Power Transformers
- 9 No. LV Schneider ACBs Incomers, Circuit Feeds and Bus Sections
- 1 No. VCB 30V Battery Tripping Unit and Batteries

2.3. Bedford pumping station, Leigh, WN7 2HS (NGR: SD6684100056)

Equipment schedule:

- 3 No Schneider. LV ACBs Incomers and Bus Section

3. Contract requirements

The Contract requires the Contractor to enter into a HV (High Voltage) COMER (Control, Operation, Maintenance, Emergency Response) agreement. Services to be provided under the COMER agreement are:

- Assume full control of the various 11kV and 3.3kV systems at Altmouth and Crossens pumping stations for the duration of the contract via a formal transfer of control/operation from the EA to the Contractor. On transfer of control the Contractor can, subject to agreement, operate their own HV safety rules where these have been demonstrated to be equivalent or better than the Environment Agency's.
- Provision of high voltage Senior Authorised Person (SAP) services as well as competent personnel who have suitable qualifications, experience and authorisation to work on the HV systems specified.
- Provision of a 24-hour 365-day emergency response service to enable attendance to site when a fault/defect requires urgent diagnosis/rectification. This includes the provision of HV Senior Authorised Person (SAP) services as well as competent personnel who have suitable qualifications, experience and authorisation to work on the HV systems specified. Ideally the Contractor should be able to attend site within 2 hours of receiving a call, however, longer response times may be considered.
- Completion of two monthly, annual and 5-yearly planned preventative maintenance on all HV systems, and specific LV circuit breakers specified. This includes the provision a program of works for all PPMs. A list of PPMs will be provided as part of the tender.
- Completion of remedial works on the HV systems specified as and when required.

- Attendance to site to allow for isolations at HV to enable specialist contractors to undertake works or to enable safe access to HV areas. This includes liaison with the EA's non HV maintenance contractor(s) and various EA teams as and when necessary.
- Management of all documentation relating to the HV systems specified. Records will be audited periodically for compliance.
- All Contractor personnel working on the Contract must be familiar with the sites specified.
- Ensure that the EA's pump attendants remain sufficiently trained and authorised in HV safety rules to be able to operate the Altmouth HV pumps starting procedure in hand via the onsite Scada system.

II.2.14) Additional information

A short engagement event will be held via Teams on either 8th July or w/c 11th July. If you would like to attend or have any questions about the event, please contact jessica.cahill@environment-agency.gov.uk

Please complete the following short survey and indicate whether you are interested in tendering for this opportunity -

<https://www.surveymonkey.co.uk/r/6CYLVST>

II.3) Estimated date of publication of contract notice

25 July 2022

Section IV. Procedure

IV.1) Description

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes