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Planning

Works-Framework-Digital Services-Monitoring & Control, Design & Build

United Utilities Water Limited

F04: Periodic indicative notice – utilities

Periodic indicative notice only

Notice identifier: 2021/S 000-003600

Procurement identifier (OCID): ocds-h6vhtk-029578

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Section I: Contracting entity

I.1) Name and addresses

United Utilities Water Limited

Lingley Mere Business Park

Warrington

WA5 3LP

Contact

Adam Meakin

Email

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Telephone

+44 07717764017

Country

United Kingdom

NUTS code

UKD - NORTH WEST (ENGLAND)

National registration number

02366678

Internet address(es)

Main address

<http://www.unitedutilities.com>

Buyer's address

<https://uk.eu-supply.com/ctm/Company/CompanyInformation/Index/43984>

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.6) Main activity

Water

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Works-Framework-Digital Services-Monitoring & Control, Design & Build

Reference number

PRO004460

II.1.2) Main CPV code

- 45300000 - Building installation work

II.1.3) Type of contract

Works

II.1.4) Short description

The high-level Digital Services Monitoring & Control (DS M&C) requirement is to have access to a number of third-party framework suppliers covering Design & Build expertise, who have demonstrable experience in the M&C area.

The framework will drive the delivery of new DS M&C infrastructure and its associated installation, commissioning, testing and handover back to operational sites, to required standards and timescales.

The scope and scale of the works will vary from simple ICA (Instrumentation, Control and Automation) installations through to large complex design and build projects. DS M&C scope of delivery will range from first time install to upgrade, development, integration and optimisation of existing M&C infrastructure.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 51100000 - Installation services of electrical and mechanical equipment
- 71322000 - Engineering design services for the construction of civil engineering works
- 71322100 - Quantity surveying services for civil engineering works
- 71700000 - Monitoring and control services

II.2.3) Place of performance

NUTS codes

- UKD - NORTH WEST (ENGLAND)

II.2.4) Description of the procurement

The scope and scale of the works will vary from simple ICA installations through to large complex design and build projects. DS M&C scope of delivery will range from first time install to upgrade, development, integration and optimisation of existing M&C infrastructure.

Small Projects (value£250K)

Where projects are of a large value and more complex, these will typically require multi-discipline delivery teams including minor civils works, and will typically, be over £250k and could be in excess of £1m. Projects could be single site large-scale installation and will demand a high level of project management capability.

Typical projects will include:

- Single site complex projects such as replacing the control system infrastructure (multiple PLCs, site

SCADA etc.) and managing the associated interfaces on a critical Water / Wastewater Treatment works.

- Large scale rollout across multiple sites of additional instrumentation including integration into each site's control system and coordination of testing critical control changes across impacted sites

- Critical regulatory date driven projects where high levels of project management will be required to meet the commitments agreed with our regulators

Desired Competencies

Categories within the Table below are the expected competencies of framework partners supporting delivery of DS M&C projects. They have been differentiated into core/technology capabilities and are not fixed; some flexibility is expected. Suitable respondents to the resulting tender will demonstrate experience and competence in all core areas defined and some experience of the technology capabilities would be advantageous.

Core Capabilities - Technology Capabilities (Desirable)

Project Management - Designing for the Digital Landscape

Agile Delivery Capability - Design of PLC/HMI solutions (design/install/commission)

Programme & Resource Management - Design of SCADA solutions
(design/install/commission)

Engineering Resource provision - Design of Telemetry Solutions (design/install/commission)

CDM Principal Designer & Principal Contractor Capability - Design of Industrial network
solutions (design/install/commission)

Full suite of delivery documentation - Experience of designing for cyber resilience

Site Surveys - Reverse engineering software (legacy PLC's)

HAZOP Study Capability - SCADA 1st Time Installation

Digital Technology Design and Integration - SCADA upgrades

Cyber Security awareness and application - PLC/HMI Migration

Design, installation and commissioning of instrumentation solutions - Process Control
Optimisation

Safety Instrumented Systems -Emerging Digital Technology and Innovation

Minor PLC/HMI and SCADA modifications

Working knowledge of process engineering

Electrical Works – construct/install/commission

Minor Mechanical Works – construct/install/commission

Minor Civil Works – construct/install/commission

II.3) Estimated date of publication of contract notice

1 June 2021

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: No

Section VI. Complementary information

VI.3) Additional information

As a minimum include the following, plus add any other requirements as you see fit.

If you have experience in this area, please could you provide at a minimum the following information and submit to the United Utilities Regulatory Procurement Team mailbox:

RegulatoryProcurementTeam@uuplc.co.uk

- Company Name
- Contact details, including location telephone and e-mail address, main point of contact and position in Company
- Are you interested in core only and/or technical capability provision?
- Would you be looking to partner with others to provide full capability provision?
- Are you providing these services for other UK utility companies and prepared to disclose?