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Tender

Traction Power Modelling - Request for Interest

Network Rail Infrastructure Ltd

F01: Prior information notice

Call for competition

Notice identifier: 2023/S 000-023512

Procurement identifier (OCID): ocids-h6vhtk-03eef4

Published 11 August 2023, 9:24am

Section I: Contracting authority

I.1) Name and addresses

Network Rail Infrastructure Ltd

Waterloo General Offices

London

SE1 8SW

Email

Josh.McBride@networkrail.co.uk

Telephone

+44 1908781000

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

www.networkrail.co.uk

I.3) Communication

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

www.Bravosolutions.co.uk

Tenders or requests to participate must be submitted to 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

Traction Power Modelling - Request for Interest

II.1.2) Main CPV code

- 45111250 - Ground investigation work

II.1.3) Type of contract

Works

II.1.4) Short description

To onboard contractors quickly to take over, develop and hand back system models with the software currently used by NR: Vision-OSLO and ELSSA. There is a requirement to speed up data exchange between NRDD and contractors via building and maintaining models utilising a common set of software packages.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 72242000 - Design-modelling services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

National

II.2.4) Description of the procurement

To onboard contractors quickly to take over, develop and hand back system models with

the software currently used by NR: Vision-OSLO and ELSSA. There is a requirement to speed up data exchange between NRDD and contractors via building and maintaining models utilising a common set of software packages.

Exact deliverables as per, but not limited to the below:

- AC Traction Power Modelling Report
- DC Traction Power Modelling Report
- EN 50122-1 Modelling Report (Conductive and Induced Voltages)
- Short Circuit Modelling Report
- Route Feeding Diagram (RFD)
- Major Feeding Diagram (MFD)
- Alternate Feeding Diagram (AFD)
- MFD Commentary
- Modelling Input Data Files
- Modelling Output Data Files
- CDM Designer's Risk Assessment
- TSI Compliance Report

A laptop with pre-installed Vision-OSLO and Excel-VBA extraction tools will be provided by NRDD for each project. The use of ELSSA software is still to be defined: please assume that it will either be provided by NRDD on a laptop or the contractor will be required to provide their own computer with preinstalled Matlab version R2014a (note that ELSSA does not work on newer versions of Matlab) and NRDD will provide ELSSA installation files.

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 IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Restricted procedure

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 expressions of interest

Date

25 August 2023

Local time

6:00pm

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

English

Section VI. Complementary information

VI.3) Additional information

Please note that any content received via response to this Notice will be used purely for information purposes only and will not be deemed as forming part of any proposed bid now, or any potential future tender. This Notice does not constitute a call for competition to procure any services, supplies or works mentioned in this Notice and Network Rail will not accept any proposals offered in response to this Notice. Network Rail is not liable for any costs, fees, or expenses incurred by any party in replying to or attending any Notice event. Any procurement of any services, supplies or works by Network Rail will be carried out in accordance with the provisions of the Utilities Contracts Regulations 2016, as updated from time to time.

VI.4) Procedures for review

VI.4.1) Review body

Network Rail

Waterloo General Office

SE1 8SW

Country

United Kingdom