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Award

Arc Aid Trial Expansion

NATIONAL GRID ELECTRICITY DISTRIBUTION PLC

UK5: Transparency notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-047203

Procurement identifier (OCID): ocds-h6vhtk-058405

Published 8 August 2025, 11:40am

Scope

Description

Purchase of MetrySense 5000 sensors and the associated analysis software licenses to expand the trial developed during a joint NIA Arc Aid project. There will be an initial purchase of 130 sets of MetrySense sensors to test the scalability of the solution with an option to purchase an additional 106 sets of sensors, subject to successful implementation and budgetary sign off.

Commercial tool

Establishes a framework

Framework

Maximum percentage fee charged to suppliers

0%

Contracting authorities that may use the framework

Establishing party only

Contract 1

Supplier

- MEGGER LIMITED

Contract value

- £1,200,000 including VAT

Above the relevant threshold

Earliest date the contract will be signed

8 September 2025

Contract dates (estimated)

- 8 September 2025 to 7 September 2028

- 3 years

Main procurement category

Goods

Options

The right to additional purchases while the contract is valid.

Option to purchase an additional 103 sets of MetrySense 5000 sensors and associated analysis software licenses, subject to successful implementation and budgetary sign off.

CPV classifications

- 38431300 - Fault detectors

Contract locations

- UKC - North East (England)
- UKD - North West (England)
- UKE - Yorkshire and the Humber
- UKF - East Midlands (England)
- UKG - West Midlands (England)
- UKH - East of England
- UKI - London
- UKJ - South East (England)
- UKK - South West (England)

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Direct award

Special regime

Utilities

Direct award justification

Single supplier - technical reasons

Competition is absent for technical reasons and there are no reasonable alternatives (Procurement Act 2023, Schedule 5, paragraph 6): Arc Suppression Coil (ASC) earthed systems are prevalent on the 33kV and 11kV distribution networks in National Grid Electricity Distribution's (NGED) South West licence area. They were developed early in the 20th century due to the difficulty in achieving low enough earth resistance to operate the incumbent protection systems for high-impedance earth faults.

A drawback of ASC systems is that they cannot identify the earth fault location or the specific faulty feeder. Consequently, network control engineers typically must carry out strategic network

switching to isolate the faulted feeder, often disconnecting customers on healthy feeders in the process.

A joint Network Innovation Allowance (NIA) project 'Arc Aid' was created between UK Power Networks (UKPN) and NGED and successfully developed and trialled a novel advanced grid sensor, the MetrySense 5000, developed by Megger to solve this issue and integrate the results into the NGED Network Management System. Building on the success of the NIA project, this contract seeks to deploy and test this solution at scale.

Supplier

MEGGER LIMITED

- Companies House: 02110613
- Public Procurement Organisation Number: PZMV-9859-PCMP

Archcliffe Road

Kent

CT17 9EN

United Kingdom

Email: portals@megger.com

Region: UKJ44 - East Kent

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Contract 1

Contracting authority

NATIONAL GRID ELECTRICITY DISTRIBUTION PLC

- Companies House: 09223384
- Public Procurement Organisation Number: PQTQ-1944-LDDN

Avonbank

Bristol

BS2 0TB

United Kingdom

Email: box.GP.UKBuyerED@nationalgrid.com

Region: UKK11 - Bristol, City of

Organisation type: Private utility

