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Tender

Southern Region Passive Thermal Management Solutions for Legacy Lineside Signalling Equipment Housings (Location Cases)

NETWORK RAIL INFRASTRUCTURE LIMITED

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-073974

Procurement identifier (OCID): ocds-h6vhtk-054443 ([view related notices](#))

Published 14 November 2025, 1:05pm

Scope

Description

Legacy lineside equipment housings (dating from the 1960s–2000s) on the GB rail network are experiencing increasing thermal stress due to hotter, longer summers and changing climate patterns. These housings were not designed for elevated ambient temperatures or prolonged thermal loads and are increasingly at risk of overheating, which may degrade the reliability or lifespan of the sensitive signalling and telecoms equipment inside.

In Kent Route, there are over 5,000 and in Southern Region there are over 15,000 of these housings (also known as Location Cases), and nationally over 60,000.

Network Rail is seeking passive thermal management solutions that can be retrofitted to existing housings without compromising security, structural integrity, or existing cable penetrations. Active cooling systems are not desirable due to power constraints, maintenance burden, and whole-life cost implications.

Commercial tool

Establishes a framework

Total value (estimated)

- £14,000,000 excluding VAT
- £16,800,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 3 July 2026 to 3 July 2028
- Possible extension to 3 July 2032
- 6 years, 1 day

Description of possible extension:

The proposal is to award a 2-year Contract, with an extension option of 2+2 year (2+2+2) as if successful it may lead to wider delivery across the organisation.

Main procurement category

Goods

CPV classifications

- 42500000 - Cooling and ventilation equipment
-

Framework

Maximum number of suppliers

3

Maximum percentage fee charged to suppliers

0%

Framework operation description

The framework will be established as a single-lot, multi-supplier framework under NR1(MT) contract conditions. Awards under the framework will be made by direct award or quotation exercise, dependent on value.

Award method when using the framework

Either with or without competition

Contracting authorities that may use the framework

Establishing party only

Submission

Enquiry deadline

2 December 2025, 11:00am

Submission type

Requests to participate

Deadline for requests to participate

12 December 2025, 11:00am

Submission address and any special instructions

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

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Award decision date (estimated)

19 June 2026

Award criteria

Name	Type	Weighting
Technical Envelope	Quality	60%
Commercial Envelope	Price	40%

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Competitive flexible procedure

Special regime

Utilities

Competitive flexible procedure description

A Procurement Specific Questionnaire (PSQ) will be issued to all interested parties to assess suppliers before invitation to the main ITT stage. The PSQ is designed to enable early down-selection, ensuring that only those with the necessary capability, capacity, and relevant experience progress further in the process.

Any bidder scoring below a threshold of 2 on each question will not progress beyond the PSQ stage. All suppliers passing the PSQ will progress to ITT stage.

Full details of the process are contained in the Instructions to Participants.

Contracting authority

NETWORK RAIL INFRASTRUCTURE LIMITED

- Public Procurement Organisation Number: PNZN-9524-VCQJ

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London

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Region: UKI45 - Lambeth

Organisation type: Public authority - central government