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Award

## **Phase 2 - Filton Renewables - Prototype - R&D Project**

NETWORK RAIL INFRASTRUCTURE LIMITED

UK6: Contract award notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-058114

Procurement identifier (OCID): ocds-h6vhtk-058451 ([view related notices](#))

Published 19 September 2025, 12:58pm

### **Scope**

### **Description**

Network Rail (Wales and Western) intends to award a contract via direct award under the Procurement Act 2023 to Turbo Power Systems Limited (TPS) for the continued development (Phase 2) of a first-of-its-kind 25 kV Integrated Converter Prototype for use on the railway.

This prototype forms part of a strategic innovation programme to enable the use of self-generated renewable energy for powering electric trains - a key enabler of Network Rail's long-term decarbonisation and sustainability objectives.

TPS, a specialist in advanced power electronic systems, initially proposed the concept to Network Rail and successfully delivered Phase 1, which included the design and demonstration of a proof of concept. This was formally reviewed and approved by Network Rail's Technical Authority, confirming both technical feasibility and alignment with operational requirements.

The Phase 2 contract will progress the innovation to a functional prototype, building directly on the technical foundations established in the initial phase.

## **Contract 1. Phase 2 -Filton Renewables - Prototype - R&D project**

### **Supplier**

- Turbo Power Systems Ltd

### **Contract value**

- £2,181,000 excluding VAT
- £2,617,200 including VAT

Above the relevant threshold

### **Award decision date**

5 September 2025

### **Standstill period**

- End: 30 September 2025
- 8 working days

### **Earliest date the contract will be signed**

30 September 2025

### **Contract dates (estimated)**

- 1 October 2025 to 30 September 2028
- Possible extension to 30 September 2030
- 5 years

Description of possible extension:

Contract may be inextended for additional time to fully provide the deliverables

### **Main procurement category**

Services

### **CPV classifications**

- 73120000 - Experimental development services

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## **Procedure**

### **Procedure type**

Direct award

### **Special regime**

Utilities

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## Supplier

### **Turbo Power Systems Ltd**

- Public Procurement Organisation Number: PRZP-5234-CTQL

1 Queens Park, Queensway North, Teams Valle Trading Estate

Gateshead

NE11 0QD

United Kingdom

Email: [info@turbopowersystems.com](mailto:info@turbopowersystems.com)

Region: UKC22 - Tyneside

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Connected people/organisations:

Not applicable

Contract 1. Phase 2 -Filton Renewables - Prototype - R&D project

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## Contracting authority

### **NETWORK RAIL INFRASTRUCTURE LIMITED**

- Public Procurement Organisation Number: PNZN-9524-VCQJ

Waterloo General Office

London

SE1 8SW

United Kingdom

Email: [amy.slocombe@networkrail.co.uk](mailto:amy.slocombe@networkrail.co.uk)

Website: <https://www.networkrail.co.uk/>

Region: UKI45 - Lambeth

Organisation type: Public authority - central government