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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 selfgenerated 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	Se	otember	2028
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- 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

#### **Procedure**

## **Procedure type**

Direct award

# Special regime

Utilities

# **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

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

# **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

Website: <a href="https://www.networkrail.co.uk/">https://www.networkrail.co.uk/</a>

Region: UKI45 - Lambeth

Organisation type: Public authority - central government