

Appendix B



Cabinet Office

**Procurement Policy Note**

Taking Account of Carbon Reduction Plans in the procurement of major government contracts

Action Note PPN 06/21 05/06/2021

**Supplier name:** Trackwork Ltd

**Publication date:** January 2024

**Commitment to achieving Net Zero**

Trackwork is committed to achieving Net Zero emissions by 2040

**Baseline Emissions Footprint**

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions.

Baseline emissions are the reference point against which emissions reduction can be measured.

<b>Baseline Year:</b> 2020	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
Trackwork calculate scope 1 & 2 GHG emissions based on the UK Government GHG Conversion Factors and express our GHG emissions as carbon dioxide equivalent (CO <sub>2</sub> e). We benchmark those significant Scope 3 emissions we are able to control including Water Supply, Waste Water, Waste Disposal, Material Use, Accommodation, Business Travel & Freight Transport, Trackwork calculate scope 3 GHG emissions based on the UK Government GHG Conversion Factors and express our GHG emissions as carbon dioxide equivalent (CO <sub>2</sub> e).	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	TOTAL (tCO <sub>2</sub> e)
Scope 1	1747
Scope 2	380
Scope 3	4118.32
Total Emissions	6245.32

Reporting Year: 2021	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	1757
Scope 2	237
Scope 3	3705.15
Total Emissions	5699.15

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	1441
Scope 2	286
Scope 3	4636.81
Total Emissions	6363.81

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	1137
Scope 2	224
Scope 3	4227.74
Total Emissions	5588.74

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:

- We project that carbon emissions will decrease over the next five years to 4684 tCO<sub>2</sub>e by 2025. This is a reduction of 25%

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. The carbon emission reduction achieved by these schemes equate to 656.58 total tCO<sub>2</sub>e, a 36% reduction against the 2020 baseline for scopes 1 & 2 with a slight increase of 2.6% on scope 3 - and the measures will be in effect when performing our contracts.

## **LED Lighting Project**

Following our Phase 2 Energy Savings Opportunity Scheme (ESOS) audit we undertook a review of our head office lighting outputs. The existing standard fluorescent lighting tubes were regarded as inferior in conserving energy and it was recognised that they contain chemicals and elements that are very harmful to the environment. Not only did this mean that our head office was contributing to increased costs and energy usage during the tube's lifetime, but extra precautions were being taken when disposing of them to avoid a negative environmental impact. In addition to this we were finding that they required more maintenance and had a warm-up period which did not immediately achieve optimum light levels.

This resulted in us embarking on an initiative to replace all lighting within the building with energy efficient LED lighting units. LED lighting can produce the same amount of light as fluorescent bulbs but use less energy or watts. LED lights also have a longer lifespan than alternative lighting methods (reducing potential landfill), require less maintenance, decrease emissions. The project was designed to be a straight replacement for fluorescent light units and emergency lighting units in our suspended ceiling installation. This initiative saves us around 12.5t CO<sub>2</sub>e annually.

## **100% Carbon Neutral PPE**

Trackwork's PPE supply partner, Safeaid Ltd have initiated their climate action programme which entails measuring, reducing and offsetting their carbon emissions and developing sustainable climate action strategies. The carbon emissions for every element of Safeaid's product range are calculated and measured in compliance with widely accepted international standards, such as the Greenhouse Gas Protocol (GHG Protocol). Safeaid's engagement in climate action not only supports Trackwork's environmental objectives, but it also immediately contributes towards helping us achieve our carbon reduction targets. Safeaid supply Trackwork with the UK's first, entire range of Rail PPE that is carbon neutral. Furthermore, all of Trackwork's 'end of life' PPE is securely, professionally and efficiently collected, destroyed and recycled. As part of our commitment to reducing our carbon footprint we have looked at numerous ways to reduce our waste to landfill and PPE is one of our top waste streams. In many cases it is not possible to reuse or dispose of hazardous clothing especially if it is heavily soiled. We have now found that our recycling services supplier, Avena have the capabilities to ensure that all PPE no matter how soiled can be recycled and made into other sustainable products. In our environmentally conscious effort to divert 100% of used PPE from landfill, we destroy and recycle all outdated or redundant textiles and PPE. Used PPE is collected at our

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operational sites and securely destroyed by Avena – The old PPE is recycled as either new textile products, other products such as insulation or as a last resort as a biofuel.

**In addition:**

- Installation of Telematics in company vehicles to monitor idling times:
- Encouraging use of energy-saving/battery-saving modes on all PC & mobile devices and implementing a switch off policy.
- Lowering office thermostats (lowering by 1°C can reduce energy for heating by about 13%).
- Encouraging online meetings and events to reduce the emissions from road vehicles
- Applying a multi-occupancy arrangement for worker vehicles
- Introducing a Code of Conduct for our supply chain – detailing our expectations around carbon reduction

In the future we hope to implement further measures such as:

- Harnessing digital technology by transitioning to the ONTRAC ePIC platform for the management of Safe Systems of Work packs contributing to our paper reduction initiative
- Transitioning mobile plant items to Hydrotreated Vegetable Oil (HVO) reducing our reliance on diesel
- Increasing our use of battery powered tools & equipment
- Applying a mandatory 'Decarbonised site' initiative for site accommodation
- Exploring the benefits of PAS2080
- Transitioning to a fully electric or hybrid company car fleet
- Utilising solar energy for our site cabins

**Declaration and Sign Off**

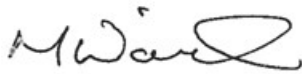
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans. Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard. This Carbon Reduction Plan has been reviewed and signed off by the Managing Director

**Signed on behalf of Trackwork:**

A handwritten signature in black ink, appearing to read "M. Ward".

**Managing Director**