



Geographical spread of sites



SCOPE OF WORKS

- » Design of the works from concept through to final construction, including civils, electrical and structural (where required).
- » Installation of electric vehicle charging posts, including wiring, termination, testing, and commissioning. All electrical works are designed and installed in compliance with:
 - » BS 7671 18th Edition plus Building Regs.
 - » IET Code of Practice for Electric Vehicle Charging Equipment Installation 4th Edition.
 - » RC59 Fire Safety.
- » New connections to existing supply networks.
- » Engagement with the DNO (Distribution Operator) to apply for additional power supply if needed. The end-to-end support encompasses:
 - » Assessing current usage and required capacity.
 - » Submitting the application for additional power supply.
 - » Agreeing conditions and schedules of work.
 - » Ongoing relationship management through to the completion of energisation and metering.
- » Client training workshops and demonstrations to ensure safe operation, maintenance and fault-finding.

Royal Mail: Nationwide EV infrastructure installation

Royal Mail has embarked on a challenging project to install EV (electric vehicle) charging bays at its delivery offices across the UK to support its overall ambition of a fully electrified fleet. Following a successful pilot project, Building Solutions (the specialist building and refurbishment arm of VINCI Facilities) was awarded a place on the first and second phases of the nationwide roll-out. We have since delivered EV infrastructure and related civils works at 30 delivery offices across the UK to accommodate circa 2,100 vehicles of varying sizes and charging requirements.

Developing appropriate solutions

Building Solutions provides a turnkey design and build service that is tailored to suit the unique needs of each delivery office. Works are designed to ensure that the charging infrastructure and layout of bays is appropriate for the number of vehicles being deployed as well as their varying sizes and mileage ranges. The vehicle mix is suited to the type of services that are being provided within the location (e.g., rural vehicles will require longer mileage range than city vehicles). Additional design considerations are considered, such as the need to accommodate turning circles for HGVs visiting the site as well as ensuring clear and safe access for customers.

The team also assess the power demands for each site, utilising spare capacity where possible or sourcing upgraded/additional connections if required.

A trusted team

We have a dedicated, in-house team of specialists who are permanently assigned to EV projects. This includes operational, commercial, and technical experts who are experienced in the EV infrastructure process and provide support throughout the works.

The team collaborate with supply chain partners for specialisms such as ground works and electrical works, and utilise structural engineers when required.

The majority of the team have worked on Royal Mail contracts for more than 10 years, and as a result have invaluable insight into the client's sites, working restrictions, electrical systems, and operational requirements.

Value

Each site is designed and priced individually to ensure the solutions are as cost-effective as possible. As a result of our competitive costs and strong service delivery, we have been successful in securing a significant proportion of sites within the first and second phases.



BUILDING SOLUTIONS



For further details, please contact Building Solutions via: buildingsolutions@vincifacilities.com • Tel: 0300 600 3433



Communication

Strong communication is vital to ensure that the works create minimal disturbance to the delivery offices, as they need to remain fully operational throughout. Therefore, our team meet weekly with Royal Mail's property and fleet teams and its overall project management team at WT Partnership to report on programme progression, quality, costs and any issues.

We also take responsibility for securing permission to undertake the works, which involves close communication with associated stakeholders, including landlords, distribution network operators, neighbouring occupiers, and local authorities.

Health and safety

The works present numerous health and safety risks, including working within live Royal Mail operations where vehicles and personnel are continually manoeuvring around the site. To ensure the safety of all stakeholders, we erect secure hoardings to limit access, deploy a full time Site Manager to continually monitor standards, and conduct daily safety briefings and Toolbox Talks for the entire workforce. The Site Manager is also the key point of contact for Royal Mail's Customer Operations Managers, who are solely responsible for all activities at the delivery offices.

Our Site Manager interacts with the Customer Operations Managers on a daily basis to ensure that the works are scheduled efficiently, safely and with minimal disruption.

Minimising disturbance

The team ensure that programmes are developed considerately, and that any disturbance is minimised. Works are therefore scheduled to take place outside of each site's busy periods, with many works delivered during evenings and weekends. For sites that require an accelerated programme, our team provide a 24/7 operation via rotating shifts.

Successful project delivery

All 30 sites within the first and second phases were completed on time and on budget, with zero accidents – no small feat, considering the team faced extreme weather including storms Dudley and Eunice in 2022, together with COVID-19 and material shortages.

Future plans

We will continue to support Royal Mail's plans to install EV charging bays across all of its delivery offices. We are also in discussions to provide EV solutions for other major UK fleet operators as well as organisations within sectors including healthcare, telecommunications, energy and residential.

CUSTOMER SATISFACTION

VINCI Facilities Building Solutions achieved positive results across the board in a customer satisfaction survey completed by WT Partnership. The business achieved full marks in many areas, including:

- » Acting with integrity and discipline.
- » Proactively managing health and safety.
- » Collaboration.
- » Support from senior management.
- » Helping the client to achieve its objectives.

"Thanks for the smooth running of the installation of electrics for the EV charging posts project. The team have worked really well with my team in the delivery office to get this work completed in good time with minimal disruption to the operation. It is appreciated. Regular communication is a vital part of the project and the team have been excellent in this area."

Ricky Sault,
Delivery Office Manager, Royal Mail



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