

Infrastructure Rationalisation, Burton Hospital Infrastructure Enabling Works



Project Overview

- Review of enabling works required to allow for the disconnection of services from existing buildings that were due for demolition.
- Evaluation of restrictions, programme, risks and opportunities.
- Liaison with the statutory authority for the supply of a new HV Substation and LV Supply

Service Provided

Shape Consultants Limited was commissioned to act as the NHS Trust's Project Manager with responsibility for managing the end user requirements for the services infrastructure enabling works required for the redevelopment of the Outwoods site at Queens Hospital in Burton on Trent.



Project Highlights

The project included the requirement to remove an existing HV Substation and resupply of a new HV Substation by Western Power Distribution. The retained buildings would then require a new LV supply to be connected from an LV ring main powered from the new HV Substation. Shape Consultants helped with the procurement of the "Connection Offer for electricity connection works by Western Power Distribution" including a review of the detailed scope and site visit with Western Power Distribution.

The scheme needed water, gas, telephones, drainage, fire hydrant and local services to be disconnected and reconfigured to allow them to remain in use during the redevelopment. Shape was involved in developing the strategy for disconnection and the feasibility of the programme of works.

Shape Consultants facilitated the collaboration of the design consultants and Trust Estates to develop the strategy for the disconnection works and design for the reconnection works. We were involved in the survey of the existing facilities to identify existing service positions, key risks, design restrictions and access requirements.

Shape Consultants then facilitated the procurement of the enabling works package; organising site visits, reviewing logistic plans and methodology, the development of programmes to sequence the building shutdowns to match vacant possession dates. We took an active role in the adjudication of the tender returns including tender interviews and assessing the feasibility of the proposals.

