

Project Number:

18008

Date:

Monday 16th April 2018

Project Title:

Bronte Tower Generator Replacement at Dewsbury & District Hospital

Client:

The Mid Yorkshire Hospitals NHS Trust

Document Title:

Planning Statement

Revision:

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1. Introduction:

The Trust appointed Jackson Coulson Partnership Mechanical & Electrical Engineers (JCP) to look at preparation, design and specification for Tender and award a Contract to replace life expired switchgear, cables and standby generator to Bronte Tower. This element of work is part of the Trust's Critical Path and had to be completed by 30th March 2018 to ensure the continued operation of the electrical systems and safety of the public, patients, visitors and staff.

2. Needs of the hospital – the purpose of the generator:

The generator is to provide mains electricity to essential services within Bronte Tower at Dewsbury Hospital. It only runs when the mains electricity fails and automatically starts and stops. Within 30 seconds of the mains electricity being stable and restored the generator will shut down. The generator had to be located somewhere near the main switchroom for Bronte Tower, but not such as to cause an obstruction for vehicles. The location was chosen to be between the electrical substation and the main switchroom, yet with a separation such that accidental damage could not affect the generator supply and the mains electricity supply.

3. Visual amenity:

The generator, whilst largely located for operational reasons, ie close to the substation and the main electrical switchroom of Bronte Tower, yet with separation to ensure accidental damage did not take out both supplies, was located adjacent to the existing bulk fuel tank to simplify refuelling and off the main road to ensure it did not obstruct vehicular access/egress. The set was specified to be containerised and a fence erected around the container to further limit visual impact. The fence will be closed boarded timber and complete within the next 4 weeks. The fence timber colour will blend with the existing boundary fence. The fence will be approximately 1.8m high and have timber access doors to the generator, plus a boundary fence with Trellis at a height of 3.8m high to provide full screening at this position.

4. Residential amenity:

The Generator Acoustic provision is 75Db. The switchgear is a 'Standby Generator' for Bronte Tower, therefore the generator will not run 24/7 and would only be used in the case of an emergency.

5. Highway safety:

We confirm that no car park spaces have been lost.