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MODEL CLAUSES FOR CIVIL ENGINEERING WORKS

SECTION 122 BRIDGE INSTALLATION BY LARGE CAPACITY CRANE

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SECTION 122
Method
statement to be
submitted with
the Tender

122.001

BRIDGE INSTALLATION BY LARGE CAPACITY CRANE

Further to NR/SP/CPR/008, an outline method statement for the bridge installation shall be submitted with the Tender. The outline method statement shall include the following:

- (i) an outline description of the proposed method of bridge installation including identifying the crane(s) proposed to be used, with jib length, together with details of any attendant crane(s),
- (ii) a drawing showing the proposed position of the crane(s) and the arc of the jib for the proposed bridge installation, in relation to the tracks and other Network Rail infrastructure,
- (iii) temporary works required for the crane to access and leave the Site,
- (iv) the method of erecting the crane(s), to demonstrate that the implications of working adjacent to the operational railway during the crane rigging operation have been considered,
- (v) the proposed position and activities of any attendant crane necessary for (iii) above,
- (vi) the type of bases proposed for the crane outriggers, the proposed position of outriggers and the loads anticipated on the outriggers,
- (vii) any other proposed Temporary Works necessary for the bridge installation,
- (viii) proposals to ensure that the bridge design parameters listed in Section 120: General Requirements for Bridge Installation Methods and Temporary Works are not exceeded,
- (ix) any work proposed to be carried out to the Permanent Works and the proposed method of making good,
- (x) the names of the organisations proposed to be used to carry out the design and design check,
- (xi) the sequence of lifting operations, which shall include the loads to be lifted and the corresponding jib radii.
- (xii) contingency plans in the event of mechanical, electrical, or software failure of the crane.