

ENCLOSURE 21 – SCOPE OF WORK & TECHNICAL SPECIFICATIONS

**Sub - Supply & Installation of ISCR 120 Rails along with fixtures & fastenings for Level Luffing Crane of 150 T at SSA Workshop Jetty, MDL, Mumbai
Tender No:1900000258.**



MAZAGON DOCK SHIPBUILDERS LIMITED

(Formerly known as Mazagon Dock Ltd.)

CIN : U35100MH1934GOI002079

(A Government of India Undertaking)

Shipbuilders to the Nation

Dockyard Road, Mazagon,

Mumbai 400 010.

INDIA

Scope of Work
&
Technical Specification

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I. Scope of work for LL Crane Track work:

1. Dismantling of existing MS plate including angles, tees, flats, soleplates, spacers, fishplates, clamps, channels, gusset plates, bolts, nuts, cutting rivets, welding etc.
2. CORE drilling for Anchor bolts in RCC for inserting anchor bolts of 20 mm dia. to required length upto 300mm complete.
3. Supplying & Installation of ISCR 120 crane rails along with Rail Fixtures & Fastenings ,Fixing anchor bolt with epoxy grout, Fixing HDG sole plate, Laying Rail pad & ISCR 120 Rail, Sole plate levelling with screws, Rail clip welding & AT welding. (USFD Testing).
4. Filling the gap between concrete surface & sole plate with Conbextra GP-V (Fosroc make or equivalent) or high strength non shrink grout .
5. Providing and laying in position M-15 Grade Concrete for plain cement concrete work.
6. Providing & Fixing MS crane buffer Stopper as per required location including fixing ,anchoring ,grouting.

II. Technical Specifications:

1. Technical specification shall be as per Central Public Work Dept. Specification and relevant IS Code.
2. In case IS code for any activities are not available, the same shall be executed as per relevant others codes with the approval of Engineer In charge.
3. Further, if any item is/are not covered in IS Code, the same shall be carried out as per Manufacturer's specification.
4. The firm/vendor may note that the specification(s) of BOQ shall be read in conjunction with preferred make for each item and materials /items to be executed as per above.