

**Sub: Providing and fixing of Fenders (13 Nos) at Nhava Yard.**

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**I. SCOPE OF WORK**

1. Installation of Cylindrical fender length of each fender 1.7m long with supply and installation of 25mm dia hot dipped galvanized Chain cut to length as per site requirement, 25mm dia hot dipped galvanized D shackles, and SS 316 U hooks of 28mm dia for hanging cylindrical fenders including diamond cutter drilling at sit and fixing the U hook with epoxy grade chemical of Fischer/Hilti/Fosroc, etc. complete. U Hooks will be shared by 2 nos. fenders in series.
2. Removal of old installed Fender
3. Bidder has to make his own arrangement for the reverse scaffolding or barge boat for fixing the fenders, if required. No extra/additional payment shall be paid towards the same.
4. All the safety gears and safety measures shall be followed during the entire execution of work.

**II. Technical Specifications (Civil-Work):**

1. Installation of Cylindrical fender length of each fender 1.7m long with supply and installation of 25mm dia hot dipped galvanized Chain cut to length as per site requirement, 25mm dia hot dipped galvanized D shackles, and SS 316 U hooks of 28mm dia for hanging cylindrical fenders including diamond cutter drilling at sit and fixing the U hook with epoxy grade chemical of Fischer/Hilti/Fosroc, etc. complete. U Hooks will be shared by 2 nos. fenders in series. 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.