

	<b>Contractor's Preliminary Design</b>	Tender schedule: T2.2-14
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**Note to Tenderers:**

Tenderers are to list in this schedule all principle design criteria and design standards applicable to the Ship Loader (SL) offered. Tenderers are to submit with this schedule a preliminary design of the SL offered, accompanied by structural and stability analysis and sufficiently detailed drawings to demonstrate compliance with the Works Information. Sizes and profiles of main structural members shall be indicated on the drawings. The stability calculations and diagrams for all load cases must be supplied with the tender. The safety against drifting (due to wind and inclination) during operation in the limiting service wind shall at least comply with FEM1.001, based on 90% of the respective brakes being operational. Calculations to prove this must be supplied with the tender. Principal mechanisms shall be listed separately, each accompanied by a drawing showing the conceptual arrangement and stating the ratings and capacities of the main components. The Tenderer must state for each mechanism the class of utilization, spectrum class and group classification on which the proposed design will be based and supply a full motivation if this differs from those specified. The Tenderer shall fully motivate his choice of drive system for each mechanism if it differs from the Employer's preference. The Tenderer must also clearly indicate exactly how, in meeting the requirements of the Works Information, the SL offered by him differs from his normal "off-the-shelf" design. The Tenderer must supply and attach all further Works Information he deems necessary to enable the Employer to fully understand and evaluate his offer. A full operational description of the equipment offered shall also be attached, clearly identifying all operational constraints and benefits of the particular design when compared to alternative designs.

Parameter	Value / Detail	Design Criteria and/or Applicable Standard	Comments
Classification of the structure (group classification, state of loading, class of utilisation)			