DSRK Design Services RK ltd

Capability Statement

Structural & Mechanical Design

- Marine components and devices (drills, upgrades, davits), loads assessments, structural capacities of members, auxiliary attachments design
- Welded connections design
- Bolted connections design
- Winches, wire selection and capacities, line speeds ,strengths, moments

Lifting Equipment Design

- Lift beams selection or design
- Lift subs
- Rigging selection, calculation of forces, dynamic magnifications
- Engineered lifts

Marine Engineering

- Sea fastening , side motions assessments, local deck strength
- Ladders, access design

Hydraulic Systems Design, Hydraulic Piping

Analysis

- Casing and drill string analysis submerged
- Jack-up site-specific assessments
- Operational weather risk windows
- Offshore & nearshore structural wave loads

Softwares owned and used:

- Solidworks
- Autocad
- Mathcad
- Staad

General charge: TBC

Site visit: TBC

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