

PRE-QUALIFICATION STRUCTURAL STEELWORK ERECTION COMPANIES

JSW Severfield Structures Limited (JSSL) is a joint venture company, of JSW Steel Limited and M/s Severfield Rowen Plc. UK, they have set up a Structural Steelwork facility in Bellary, which is the first fabrication plant of its type in India. JSSL will be engaged in **design, fabrication and erection** of structural steelwork and ancillaries including **decking** for construction projects in India. The objective is to construct high-rise structures to match today's demanding construction requirements and will be the first in India jointly launching a business of this magnitude.

JSSL is currently forming a **panel of certified Erection Companies/Builders** to assist with our future requirements. Once qualified these companies will be provided training and exposure as per international standards to match with our requirements.

Companies shall have extensive experience in on-site erection of structural steelwork and composite metal decking in respect of the following sectors:

- **High Rise** (8 storeys & above) - incorporating concrete core construction together with encast plates / site welded connections, braced or seismically damped framing.
- **Industrial** - typically power stations, pipe racks, petro-chemical plants, refineries, large span (Above 40m span) trusses, Crane Girders over 20 T capacities.
- **Warehousing & Distribution** - Portal Frame structures incorporating mezzanine and office facilities.
- **Tower structures** – distillation units, silos and chimney supports.
- **Infrastructure** - Hospitals, Stadiums, University / Schools, Cinema, Low Rise Accommodation, Bridges.

Erection companies should have the necessary trained personnel to manage, supervise and erect structures in accordance with contract specifications and programme requirements. Site staff will be expected to perform tasks as listed below:

- **Project Managers / Supervisors / Erectors** to be familiar with all aspects of erection methodology including slinging, banking, craneage, access and health & safety.
- Managers must be able to evaluate and identify appropriate craneage, prepare lifting plans, nominate suitable lifting gear for defined piece weights, evaluate lifting configurations, addressing site constraints and conditions.
- Managers must attend and represent the company at site / progress meetings together with contractors, clients, engineers, architects and submit reports to JSSL.
- Managers must produce and monitor / execute erection programmes to ensure agreed time frames are achieved.
- Managers must produce job specific **Erection Method Statements** identifying erection methodology, safe working practices, plant, lifting gear and manpower

requirements etc. such that the project is executed in a timely and safe manner.

- Managers must report to JSSL and Main Contractors, Health and Safety inspectors, monitor and implement / improve safe working practices.
- Managers to be familiar with softwares i.e. MS Projects, Primavera in addition to MS office applications.

Erection companies shall demonstrate ability to source the necessary plant, machinery and equipment required to execute contracts, typically;

- **Mobile, crawler and tower craneage**, together with supporting backup such as emergency breakdown response, fitters, suitably qualified drivers / operators etc.
- **Mobile Elevated Work Platforms (MEWP's)**, Scissor Lifts, Scaffold Access equipment together with inspection & maintenance records, fitters, suitably qualified operators and scaffold inspectors.
- **Lifting Gear** including return blocks, hook block, chains, nylon strops, shackles, lifting bracketry, proprietary lifting beams / systems and all associated inspection and checking systems and documentation.
- Safety provisions including Personnel Protective Equipment (PPE), perimeter edge protection, wheel stops for plant etc. and all necessary certification.
- Should produce 5 numbers of certificates for zero accident completed projects

Companies shall be required to provide pictorial and documented evidence of completed projects undertaken together with supporting references from clients or contractors fully endorsing the work.

Company shall allow JSSL to visit current sites to inspect and evaluate their construction methodology and safe working practices, subject to agreement with respective clients.