**Principal Structural Detail Design Engineer**

Optimus Plus is an integrated engineering consultancy and project delivery company. We work all over with world providing a wide range of services at every stage of the project lifecycle. Optimus has, since our inception, put a focus on delivering results through the application of experience and common-sense engineering.

We have a “family-run company” culture where people are valued, the structure is flat, and you can make a difference. The work is interesting, and our core values are integrity, honesty, fairness and openness. We are here for the long term, and we want our people to be too.

Our Structural Engineering team has significant experience encompassing consultation and conceptual studies, through FEED and detailed design to complex engineering analysis including Finite Element Analysis (FEA) and “react” scopes of work. Due to recent project wins and forward lookahead, we have the need to expand on the size of the team experienced in offshore structural engineering.

***With a flexible approach to working, we are open to candidates who would prefer part-time/flexible hours***.

**Required Qualifications**

* Relevant BEng/MEng in Civil, Structural or Mechanical engineering

***Desired Qualifications***

* Chartered candidates or those working towards chartership with a recognised engineering institute would be desirable.

**Required Experience**

* 5-10 years experience in brownfield structural; engineering for offshore structures
* Structural analysis experience of offshore structures in STAAD Pro
* Good working knowledge of Industry codes and standard – e.g. Eurocode, AISC API
* Excellent communication skills are essential. This includes technical report writing as well as clear and professional communication both internally and externally.
* Ability and desire to support junior engineers including helping with their development.
* Good understanding of engineering first principles
* Technical understanding of key offshore load effects
* Practical understanding of restrictions and practises offshore e.g. lifting and handling, hot work, space restrictions etc
* Practical understanding of fabrication and the interaction with design

***Desired Experience***

* Current BOSIET and previous offshore travel experience

Please send your CV and cover letter to alan.smith@optimusaberdeen.com