



General Information	
Job Title: Junior Dredging Production Engineer	
Department: Commercial Department	Department Building Block: Tender
Reporting and interaction lines	
Functionally reports to <ul style="list-style-type: none">Head of Tendering and project controls Operationally reports to <ul style="list-style-type: none">Dredging Production Engineer Supervises <ul style="list-style-type: none">N/A Job Category <ul style="list-style-type: none">Basic Professional Engineer / Senior Support Staff	Expected relationships with other department(s) <ul style="list-style-type: none">All Departments
Description of key result areas of department	
<ul style="list-style-type: none">Accurate cost calculations for tenders and projects.Production improvement for projects in execution.	
Job Description: Description of activities and key responsibilities of the function	
<p><u>Job Overview:</u> A Junior Dredging Engineer evaluates the optimal dredging approach in terms of costs and practicality during the tender phase of a project and ensures an optimal dredging production during the operational phase of a project. For this, the engineer needs to estimate dredging productions through calculations, analysing big data and to follow-up dredging productions through site visits.</p> <p>The Junior Dredging Engineer is part of the Dredging Production Team of the Commercial Department. The Team is young, diverse, refreshing and gives her members freedom to develop in a personal way. Therefore, a flexible attitude, good social skills, the correct team spirit, a high-level of independency and a pro-active approach are required.</p> <p><u>Responsibilities and duties:</u></p> <ul style="list-style-type: none">Production and cost estimation of dredging related activities during the tender phase of a projectFollow-up of dredging productions during the operational phase of a projectAssistance of the project team in reaching optimal dredging methodology during the operational phase of a project.Further development of production and costs estimation methodsSet-up useful databases to enable big data analyses	
Educational Qualifications & Certifications	
<ul style="list-style-type: none">Master of Science or an equivalent professional qualification (Knowledge in marine and dredging engineering is an advantage).	
Behavioral skills	Relevant experience
<ul style="list-style-type: none">Strong analytical and organisational mind-setInitiative to develop own ideasGood social and communication skills.Flexibility and adaptabilityProblem-solving skillsExcellent numeracy skillsEager to learn and use new tools and software HSE Behavioural Skills <ul style="list-style-type: none">Adhere to NMDC HSE PolicyFollow the HSE Management System procedures and safe working instructions	Function Specific experience <ul style="list-style-type: none">NA Industry related experience <ul style="list-style-type: none">NA Years of experience <ul style="list-style-type: none">0 – 3 years



JOB DESCRIPTION

JD No.: 03-006

JD Rev. No.:0

JD Issue Date: 19-Oct-20

Other

Excellent Verbal & Written communication skills

- Required: Fluent in English speaking and writing

IT skills

- Microsoft Office - Excel/ Visual Basic
- AutoCad
- Knowledge of FileMaker is an advantage
- Knowledge of Matlab or similar programming language (Python,...) is an advantage

Review / Approval / Acknowledgement

Department Review

Commercial Director / Manager Name:		Signature:		Date:	
HR Approval					
HR Director / Manager Name:	Rita Abi Saab	Signature:		Date:	
Employee Acknowledgement					
Employee Name & File No.:		Signature:		Date:	