

POSITION DESCRIPTION

Title	Feasibility Studies Manager	Reports to (position)	Chief Commercial Officer (CCO)
Primary Location	Newcastle	Indirectly reports to (position)	Chief Technology Officer (CTO)
Role Description and Purpose	This position will develop the framework and manage activities for conducting scoping, pre-feasibility and feasibility studies for customer investment decisions relating to the construction of MCI’s carbon capture and utilisation (CCU) technology at customer sites.		
Role responsibilities and typical activities			
<div>1. Develop and execute MCI’s framework for scoping, pre-feasibility and final feasibility studies for the development of decarbonisation plants at customer sites utilising MCI’s proprietary mineral carbonation technology, encompassing a complex business model of minerals extraction and processing across all elements of the value chain from regulatory and environmental approvals, raw material supply, plant engineering FEED/ detailed design & cost estimation, integration with customer operations and product despatch.</div> <div>2. Development of customer feasibility proposals and business case models to reflect investment outcomes associated with the studies.</div> <div>3. Customer engagement to understand the integration of MCI’s technology with customer operations.</div> <div>4. Coordinate internal and external resources (where required) to deliver feasibility study outcomes.</div> <div>5. including cost estimations.</div> <div>6. Support company business development and funding activities by leading technoeconomic assessments for various industrial integration scenarios.</div> <div>7. Contribute to the continuous development of the company’s process modelling and cost estimation capabilities, including development and management of MCI’s catalogue of process and integration equipment, in-house models and estimating tools.</div>			
Required experience and skills		Desirable experience	
<div><ul style="list-style-type: none">• Experience in delivery of scoping, pre-feasibility and final feasibility studies for minerals processing in engineering consulting, mining or heavy industry environment.• Strong financial and commercial acumen with the ability to develop and evaluate business cases and clearly communicate value propositions to internal and external audiences.• Outstanding stakeholder management across public and private sectors and at varied organisational levels.• Excellent organisation skills and demonstrated ability to manage competing tasks, customers and priorities.• Excellent written and verbal communication skills with demonstrated expertise in technical report writing and presentations.</div>		<div><ul style="list-style-type: none">• Experience in process modelling, mass and energy balances and equipment sizing in one or more of: calcination/thermal processing, crushing, milling, slurry transport/processing, filtration and drying would be highly advantageous.• Experience in project cost estimation for process plant and equipment.• Ability to interpret financial data.• Strong professional network of specialist mining, technology, process or consultant engineers.</div>	
Role Dimensions	<div><ul style="list-style-type: none">• No immediate direct reports, but may in the future with growth.• MCI’s technology has global application – a degree of travel should be expected.</div>	Required Qualifications	Degree in an engineering discipline with minimum 10 year’s industry experience part of which has included managing feasibility studies.
		Desirable Qualifications	Business degree or MBA