



3 November 2015

STRATEGIC UPDATE ON 3D METAL PRINTING JOINT VENTURE

Diversified Engineering and Infrastructure Company, RCR Tomlinson Ltd (ASX: RCR) today announced it has signed a Memorandum of Understanding (“MOU”) to form a Joint Venture giving RCR access to global leaders in 3D Metal Printing, with Prof. Dr.-Ing. Claus Emmelmann, who is heading the Institute of Laser and System Technologies and the Laser Zentrum Nord (“LZN”), both being entities of the Hamburg and Harburg University of Technology (“TUHH”) in Germany.

Prof Dr.-Ing. Emmelmann is a world leader in 3D Metal Printing design and technology and his team has recently been nominated for the German Future Prize for Technology and Innovation for their ground breaking bionic design for Titanium 6,4 brackets for the Airbus A350.

LZN has led the world on commercial successes in 3D metal printing through bionic design and when linked to its role in certifying powders and printing machines for aerospace, provides RCR with a significant advantage over other entrants to the 3D Metal Printing market. Further details on LNZ and the German Future Prize are provided below.

RCR will gain access to the “Light Alliance” which provides LZN intellectual property in “light-design”, “light-prototyping”, “light-manufacturing” and the “light-factory” which are all leading edge approaches to high strength low weight solutions for aerospace, automotive, defence and biomedical industries.

Managing Director’s Comments

RCR’s Managing Director, Dr Paul Dagleish, said *“our strategic position in 3D metal printing is the culmination of a year’s work evaluating the leaders in the industry and developing significant commercial relationships which will form the basis for our 3D metal production facility. Clearly this is a logical step for RCR as the owner of the largest laser material processing business in Australia we have the experience and systems to be one of the first movers in a very fast growing market. This relationship has already opened discussions for an opportunity to provide an international defence supplier 3D metal printed components and has applications in our energy, infrastructure and mining technologies businesses.”*

About LZN

The LZN Laser Zentrum Nord GmbH was founded in 2009 as an application-oriented competence centre for laser technology. LZN’s objective is to improve the knowledge and technology transfer from critical basic research and to facilitate and accelerate its use into industrial applications.

As a link between basic research and application, the LZN sets innovative impulses for companies to strengthen their capability and their competitiveness. LZN supports the development of innovative optical or photonic production technologies and products, known as "Engineering in Light - Photonic Solutions for Resource Efficient Products". LZN partners with companies to provide innovative sustainable value with optical technologies.

Nominated for the German Future Prize 2015

New Technology: Layer by Layer - Metal Components (3D Metal Printing)

Professor Dr.-Ing. Claus Emmelmann, CEO Laser Zentrum Nord GmbH ("LZN") and Head of the Institute of Laser and System Engineering at the Technical University Hamburg ("TUHH") has been nominated for the German Future Prize 2015.

Together with LZN's partners, Airbus and Concept Laser, LZN developed in the research project named "3D printing in commercial aircraft - a manufacturing revolution taking off" a new process technology to manufacture a Titanium cabin bracket in a three-dimensional printed component made of metal.

At the German Future Prize for Technology and Innovation, the Federal President honours researchers for excellent research performance and their implementation in the economy.

ENDS.

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About RCR

RCR Tomlinson Ltd (ASX code:RCR) ("RCR") is a diversified engineering and infrastructure company providing turnkey integrated solutions to clients in the **resources, energy** and **infrastructure** sectors. RCR together with its key brands, Tomlinson, O'Donnell Griffin, Haden, and Resolve FM, have collectively over 300 years of experience.

RCR's core capabilities encompass, structural, mechanical, piping and electrical disciplines, railway signalling, overhead wiring systems; OEM supply of materials handling and process equipment; laser cutting, asset repair and maintenance services; HVAC; facilities management, design and construction of power and steam generation plants (using a wide range of fuels) and water treatment systems.

RCR has operations across Australia, Asia and New Zealand. Additional information is available at www.rcrtom.com.au.