

Rheinmetall NIOA Munitions ICN Gateway Expression of Interest (EOI) (Ultrasonic Equipment)

RNM is seeking Expressions of Interest (EOI) from a suitably qualified business interested in the Supply of Ultrasonic Testing Equipment for Maryborough, QLD	
Scope of Works	Manufacture and Supply of Ultrasonic Testing Equipment for Cylindrical steel bodies.
RNM Reference	RNM-2003
Project Description	RNM will construct a new, advanced forging and manufacturing plant located on a greenfield site within an existing industrial precinct in Maryborough, Queensland. The facility will manufacture large caliber artillery projectile shells with an initial operating capacity of 30,000 artillery shell cases per year. An artillery shell case is an inert metal body, measuring approximately 155mm in diameter, 800mm in height, and weighing around 35 kilograms in a finished condition.
Scope	<p>RNM is looking for EOI from companies willing to undertake the manufacturing of Ultrasonic Testing Equipment especially made for our requirements.</p> <p>As a general sizing requirement for the machine, they will be loaded with a part that is roughly 160mm to 170mm in diameter with a length of 500mm up to 900mm long and weighing between 40-70 kg.</p> <p>The goal is to search for imperfection like cracks, holes, grooves etc.</p> <p>Before placing an order at the vendor, the first step will be to generate a concept study and a construction design drawing to the customer. The concept and the drawing will be evaluated maybe corrected and finally released before the final offer can be provided by the supplier.</p> <p>We request an Ultrasonic Test Equipment, automatically operated, manually loaded, including process data collection. The cycle time should be 180 sec. + loading and unloading.</p> <p>Typical metal defects are defined as a “surface scratches” 0,15 mm deep, 1,0mm wide and 10mm long at the inner and outer surface of the product in longitudinal and tangential direction. Additionally, one defect is defined as a 2 mm diameter hole in the inner bottom area. It shall be irrelevant if the inner cavity surface of the product is machined or forged.</p> <p>After signing an NDA and a EUC, further information and drawings can be provided.</p>
Location of Works	52 Industrial Av, Maryborough West, QLD, 4650 (Lot 1, SP270124)
Delivery Schedule	It is anticipated that shortlisting will occur in May 2020 with progression to a tender and proposal process in June 2020.
ICN Gateway URL	https://www.rnm.icn.org.au/
General Information	
RNM and Industry Capability Network (ICN) invite registration of interest in this package provided that the contractors and suppliers meet the pre-requisite of selection criteria to accommodate the technical and commercial capability to undertake the scope of work to be considered for prequalification.	