

## Metal Powder Works Sells Expeditionary DirectPowder™ unit to the US Navy

**Metal Powder Works Limited (ASX: MPW)** (“the Company or “MPW”), a leader in advanced metal powder production technology, is proud to announce it has entered into a contract valued at approximately \$1M AUD for a unique, mobile, and containerized version of its patented DirectPowder™ system with the U.S. Naval Postgraduate School (NPS).

This capability will provide the U.S. Navy and its Allies with the ability to produce high-quality metal powders in remote, austere, or contested environments—directly supporting fleet activities, readiness, and operational flexibility.



This first-of-its-kind capability will be used to feed additive systems, such as cold spray, where MPW premium powders have been shown to double the deposition efficiency and prove out new strategies in forward-deployed manufacturing. The US Navy also uses laser powder bed fusion printers, where MPW’s powders have been successfully demonstrated across a range of brands. MPW’s copper alloy powders have been shown to use less energy and significantly reduce spatter. MPW expects to update the market on these continued customer works as they become available.

Under the terms of the agreement, Metal Powder Works will deliver an expeditionary version of its patented DirectPowder process. This advanced, portable system is designed to enable rapid, on-site production of high-quality metal powders in challenging and remote environments, supporting the Navy’s operational and maintenance needs.



The contract scope includes design, assembly, and delivery of the expeditionary DirectPowder system, with the project expected to be completed within 12 weeks. Delivery is scheduled before the end of the 2025 calendar year. Metal Powder Works will receive payments on the achievement of key milestones. The contract contains standard clauses for an agreement of this nature. The contract is binding on both parties.

This agreement represents a landmark achievement for Metal Powder Works, marking further ongoing engagement between the Company and the US Navy and demonstrating the versatility and global relevance of its proprietary technology.

Founder and Managing Director, John Barnes, commented: “We are honoured to partner with the US Navy on this important initiative, it is exciting to further support a strategic customer and look forward to continued growth from this relationship “While our core competency is powder sales, the expeditionary version of our DirectPowder system will allow the Navy to manufacture critical metal powders in forward deployments. This contract validates our technology’s adaptability and opens significant opportunities for future defence and expeditionary applications.”

This MPW DirectPowder™ system enables the conversion of standard metal bar stock into uniform, precise metal powders. This unique expeditionary solution is containerized and designed for rapid deployment and easy integration into expeditionary manufacturing, allowing Sailors and Marines to manufacture replacement parts or conduct repairs via additive manufacturing and cold spray technologies without reliance on reach back to land based supply chains.

**Ends.**

This announcement has been authorised for release by the Board of Directors.

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## ABOUT METAL POWDER WORKS

Metal Powder Works Limited (ASX:MPW) with a manufacturing base in Pittsburgh, USA, specializes in the production of high-quality metal powders for additive manufacturing and other advanced applications. MPW has developed a patented, non-thermal powder production process known as *DirectPowder™*. The MPW process represents the first true innovation in powder manufacturing in over 50 years. This innovative method converts premium bar stock into quality powder for a variety of materials and applications, significantly improving yield and affordability. MPW currently has 16+ powders in production including high strength aluminum, Copper and Copper Nickel alloys, and specialty alloys including CP-Ti and Zircaloy. In 2024, Metal Powder Works was named as Material Company of the Year by the 3D Printing Industry Awards.

For further information please see [www.metalpowderworks.com](http://www.metalpowderworks.com)

## FORWARD LOOKING STATEMENTS

Statements contained in this release, particularly those regarding possible or assumed future performance, revenue, costs, dividends, production levels or rates, prices or potential growth of Metal Powder Works Limited, are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors.

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