ASX Announcement

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AL250 Commercial Printer Project

Highlights:

- **A3D has finalised the detail design work on AL250 printer with the printer now entering its first stage of the physical build.**
- **Intensive marketing engagements have continued with industrial and defence customers, to sell the AL250 as an innovative high productivity 1500W printer.**
- **The AL250 will enable printing powered by A3D's suite of MCP technology.**
- **The printer will be launched to the market via A3D website on Oct 10th, 2023, with detailed specifications available.**

Aurora Labs Limited ("A3D" or "the Company") (ASX:A3D), is pleased to announce further details regarding the AL250 commercial printer design project.

The AL250 build has advanced to a stage where procured components are now being assembled and built for incorporation into the machine frame for testing and validation.

Importantly the printer will enable bidirectional recoating of powders integrated with Aurora Labs patented MCP™ technology. This improves the laser on-time, further increasing duty cycle and efficiencies of the printing system. It will also support research into the further development of MCP functionality in laser powder bed fusion technology.

CEO Rebekah Letheby commented:

"This physical printer build culminates from months of detailed design work materialising into the first machine which will be our premier flagship printer model. Our design is built on the deep knowledge and expertise in laser powder bed fusion technology. It is great to see a high quality, precision machine being built with Australian engineering at its core. The AL250 will be the best-in-class printer with robustness and reliability for its industrial users.

We have many novel features which are useful for material research such as dynamic adjustment of layer height, and a proprietary powder dosing mechanism which conditions the powder just prior to delivery. This mechanism also moves non spherical shaped powder which opens to industry a world of material development which includes the ability to lase inexpensive crushed or non-spherical powders, many which remain unexplored in laser powder bed fusion."

Defence Industry Engagement

Aurora has been preparing intensively for the Indo Pacific 2023 International Maritime Exposition conference and will participate with the Defence West delegation. The sales engineers will promote the AL250 print heavily into this area where the printer can provide the benefits of high productivity, improve part performance through generative design freedom, allow rapid development for printed parts, including weight reduction and reduce component numbers with simplified geometries being able to be printed. We have been actively working with defence related customers to produce trial parts for print evaluations.

AL250 Commercialisation - Market Focus

The AL250 build cements the staged approach of the business strategy to build printers with a focus on industry use.

Aurora is engaging customers around the progress of the build which will further the adoption of printed 3D parts for priority industries. Aurora will initially print sample validation parts to assess part quality for some customers to enable a proceeding printer sale. This aligns well with Aurora's commercial strategy to develop its services and printers for growing industrial verticals, such as in the energy, mineral processing, and defence sectors.

The first machine will be used to support A3D's own AM Services business, and progress prospective machine buyers through a sales pipeline, with users able to assess the printer before purchasing. This offers buyers assurance that correct quality and appropriate standards can be reached for printed parts and print processes and develop AM capability to accelerate its adoption across these sectors.

Ends
Approved for release by the Company's Board of Directors.
For further information, please contact: Rebekah Letheby, Chief Executive Officer
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ABOUT AURORA LABS

Aurora Labs Limited ("the Company"), an industrial technology and innovation company that specialises in the development of 3D metal printers, powders, digital parts and their associated intellectual property.

Aurora Labs is listed on the Australian Securities Exchange (ASX: A3D)

FORWARD LOOKING STATEMENTS

This announcement contains forward-looking statements which incorporate an element of uncertainty or risk, such as 'intends', 'may', 'could', 'believes', 'estimates', 'targets' or 'expects'. These statements are based on an evaluation of current economic and operating conditions, as well as assumptions regarding future events.

These events are, as at the date of this announcement, expected to take place, but there cannot be any guarantee that such events will occur as anticipated or at all given that many of the events are outside Aurora's control.

Accordingly, Aurora and the directors cannot and do not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur. For further information, please contact: enquiries@auroralabs3D.com