

Universal Motion Simulator Pty Ltd (UMS)

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Universal Motion Simulator Pty Ltd (UMS) is delivering \$80M in Defence simulation capability with over \$70M committed to supporting Australian Industry suppliers. This significant level of Australian Industry Content (AIC) reflects UMS's deliberate strategy to maximise local participation across design, manufacture, integration, and sustainment activities, supporting Australian suppliers, and advanced manufacturing capability.

UMS has been contracted by the Commonwealth of Australia to provide its high fidelity and immersive training solution to support Driver Training on the following armoured vehicles:

- L400-2 Boxer Combat Reconnaissance Vehicle (CRV)
- M1A2 SEPv3 Abrams Main Battle Tank (MBT)
- M1150 Assault Breacher Vehicle (ABV)
- M88A2 Armoured Recovery Vehicle (ARV)
- L400-3 Infantry Fighting Vehicle (IFV)

The scope of the contracted services includes all activities needed to develop, manufacture, test and install Reconfigurable Driver Simulators (RDS) at the O'Donnell Centre in Puckapunyal Military Area, Victoria.

The RDS contract commenced in December 2018 and continues to evolve, with additional vehicle capabilities being incorporated through the ongoing development of custom-designed cabins compatible with the existing simulator platform. This evolving delivery model enables UMS to progressively expand capability while maintaining alignment with Defence requirements and emerging training needs.

Through delivery of the RDS program, UMS is contributing to Australian sovereign industry capability through the transfer of knowledge in advanced simulation systems, robotics integration, and safety-critical design, alongside the uplift of supplier technical capability, quality systems, and Defence compliance readiness. This is supported by collaboration with international OEMs, ensuring key knowledge relating to system integration, maintenance, and operation is developed and retained within the Australian workforce.

UMS is delivering integrated work packages including Project Management, Engineering across Electronics, Systems, Software and Mechanical disciplines, Configuration Management, Integrated Logistic Support (ILS), and Verification and Validation (V&V), with Australian industry engaged across these activities wherever capability and value can be demonstrated. UMS adopts a structured supplier engagement approach, supporting capability development, and remains committed to maximising Australian Industry Capability outcomes through the sustained participation of Australian suppliers across the life of the contract.

Future Opportunities for UMS

Longer term, UMS may pursue opportunities outside of the Australian Defence Force Armoured Vehicle fleet, including:

- Amphibious vehicle applications; and
- Other critical training applications with federal and state first responders

In pursuing these opportunities, UMS will continue to prioritise Australian industry participation, leveraging existing supply chains and expanding engagement with new suppliers where capability and value can be demonstrated.

Opportunities for Industry Engagement

UMS actively supports the inclusion of Australian suppliers within its supply chain and recognises their critical role in supporting innovation and sovereign capability development.

UMS is particularly interested in suppliers with capabilities in advanced manufacturing, electronics integration, control systems, simulation technologies, and sustainment support services.

Companies who would like to make representations of their capability, innovation and value may register their interest with the UMS AIC Manager as follows:

Email: info@unimotionsim.com

Subject Line: "AIC Capability Submission – [Company Name]"

UMS reviews capability submissions on an ongoing basis and may engage suppliers in support of current sustainment activities or future Defence and commercial opportunities.

Authorised on behalf of UMS

Dr Peter Meikle
Chief Executive Officer

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