

MICRO-X SIGNS \$1.3M ROVER CONTRACT FOR AUSTRALIAN DEFENCE FORCE

Saab Australia, Prime Contractor for the Australian Army Deployable Hospital, signs at a ceremony in Adelaide

Adelaide, Australia, 17th December 2020: Australian hi-tech company Micro-X Ltd (ASX:MX1) (**Micro-X** or the **Company**), a leader in cold cathode x-ray technology for health and security markets, is pleased to announce the Company today hosted Saab Australia at its facilities in Adelaide for a formal signing of the supply contract of the Rover mobile x-ray unit for the Australian Defence Force's Deployable Health Capability Program (JP2060 – Phase 3).

ADF Deployable Health Capability Program and Micro-X contract

Saab Australia signed a contract worth \$337M with the Australian Department of Defence in September to deliver and support deployable military and humanitarian hospitals for use in Australia and overseas. Saab has partnered with Aspen Medical, Philips Healthcare Australia & NZ, Broadspectrum and Marshall Land Systems to deliver an integrated, scalable and modular solution to meet the Australian Defence Force's (ADF) current and future deployable health requirements. This will include the delivery of more than 550 deployable medical modules, complete with critical support infrastructure. Today's signing at Tonsley was attended by Saab Australia Managing Director Andy Keough, senior managers of Saab Australia, and Senator the Hon David Fawcett.

Micro-X's Rover, which was specifically designed for use in this Australian Army operational environment, was recognised by Mr Keough during the ceremony as an example of a world-leading technology and capability from Australian industry which the Department of Defence has helped to create and now introduce into service through the Innovation Hub program. The event also gave the attending personnel an opportunity to put the Adelaide-designed and produced Rover unit through its paces and learn how local technology has answered the needs of a challenging operational requirement to improve the healthcare available to those who go in harm's way.

Under the contract with Saab, Micro-X will supply Rover systems to meet the project delivery schedule with ancillary support equipment and spares totalling \$1.3M as well as reusable, ruggedised shipping containers.

Background of Rover

Defence forces around the world share a policy objective to provide soldiers in combat with no less a standard of medical care than they can expect at home. However, the weight of most hospital-grade mobile x-ray units means that, prior to Rover's CNT technology, only small-animal veterinary x-rays were light enough to be deployed by the military. The ADF's Joint Health Command first identified in 2015 that Micro-X's CNT technology could provide the world's first mobile x-ray unit with full hospital-grade performance and also be light enough to be deployed in an Army medical facility. Micro-X was awarded a contract from Department of Defence's Innovation Hub and successfully developed and demonstrated diagnostic quality imaging with the extended power needed for trauma imaging of combat soldiers. From this contract the Rover product was born and the engineering development of the ruggedisation and other features to adapt to the deployed military environment was completed earlier this year with the receipt of United States FDA 510(k) approval.

Micro-X is pleased and proud to have partnered with Fujifilm Australia as supplier of the digital flat panel detectors and imaging software for this product. The lightness and robustness of the Fujifilm D-EVO II detector makes it ideally suited for military use and the extra sensitivity of the Fujifilm ISS detector technology further extends the Rover's operational performance.

Background of the JP2060 Program

The ADF Deployable Health Capability program (JP2060 – Phase 3) is a turnkey project to deliver and support a transportable health capability able to be utilised both in Australia and overseas both in support of military operations and of humanitarian aid and disaster relief activities. The health facility to be delivered, allows for three roles of healthcare as

per the NATO Logistics protocols for medical support: Role 1, Primary; Role 2, Triage (including resuscitation, emergency surgery, labs, pharmacy); and Role 3, Specialist (including specialist surgery, diagnostics and lab). The contract includes supply of physical structures; power, water and waste disposal facilities; systems for generation, storage and distribution of oxygen; and the supply and support of all diagnostic and therapeutic equipment.

Micro-X's Managing Director, Peter Rowland, commented:

"We are delighted to execute this contract with Saab Australia and excited that our Rover is set to enter operational service with the Australian Defence Force. We've had enormous interest in Rover from military forces world-wide because no other product offers such high performance in such a lightweight package. It's important for us that Rover was born here with the ADF backing Australian technology through their Innovation Hub to improve their operational capability."

Now, Australian Army medical x-ray technology leads the world and this will greatly help our current sales activities in both the US and UK. We also look forward to supporting Saab's other international sales efforts with deployable hospitals, now led from Australia."

Saab Australia's Managing Director, Andy Keough, commented:

"Saab is delighted to be partnering with Micro-X to supply mobile x-ray technology into the nation's Deployable Health Capability, born from an innovative SME identifying a gap in the market and a partnership with the Department of Defence's Innovation Hub to commercialise the solution, Micro X's Rover system is an excellent example of the opportunities for SMEs as we continue to grow our sovereign industry capability."

This ASX Announcement is authorised by the Board of Micro-X.

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About Micro-X

Micro-X Limited (the **Company**) is an ASX listed hi-tech company developing and commercialising a range of innovative products for global health and security markets, based on proprietary cold cathode, carbon nanotube (CNT) emitter technology. The electronic control of emitters with this technology enables x-ray products with significant reduction in size, weight and power requirements, enabling greater mobility and ease of use in existing x-ray markets and a range of new and unique security and defence applications. Micro-X has two mobile digital medical x-ray systems being sold commercially for diagnostic healthcare applications and Micro-X medical products are now in operation in 14 countries around the world.

Micro-X has a portfolio of innovative products in development, including the MBI for imaging Improvised Explosive Devices in security, defence and counter-terrorism applications; a next-generation self-service X-Ray Airport Checkpoint Portal with an integrated body scanner; and a lightweight brain CT imager for early stroke diagnosis in ambulances. Micro-X has its core R&D, engineering and production capability in Adelaide, Australia with a fully in-sourced CNT tube manufacturing line and approximately 95% Australian locally manufactured content.

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