



## FBR successfully completes Factory Acceptance Test for CRH Ventures ahead of Hadrian X<sup>®</sup> deployment to United States

### Highlights

- The flagship next-generation Hadrian X<sup>®</sup> successfully completes Factory Acceptance Test at FBR's Perth facility with CRH personnel present to witness the build
- Second milestone payment of US\$800,000 by CRH Ventures triggered
- The test structure was completed at an effective lay rate of 330 blocks per hour, exceeding the required effective lay rate of 285 blocks per hour, utilising a tablet-based human machine interface and three FBR personnel
- Preparations underway to ship Hadrian X<sup>®</sup> to Florida, United States to undertake CRH Ventures Site Acceptance Test ahead of the commencement of 5 – 10 house Demonstration Program

**Wednesday, 21 February 2024** – Robotic technology company **FBR Limited (ASX: FBR)** ('FBR' or 'the Company') is pleased to advise that its next-generation Hadrian X<sup>®</sup> robot has successfully completed its Factory Acceptance Test at FBR's facility in Perth, Western Australia.

The Factory Acceptance Test criteria under the JV option program were as follows:

- Completion of a test structure comprised of 751 rectified US-format concrete masonry blocks at an effective lay rate of 285 blocks per hour or more (measured from the time of the placement of the first block in the structure to the time of the placement of the last block in the structure, regardless of Hadrian X<sup>®</sup> uptime);
- utilising the tablet-based Human Machine Interface to operate the Hadrian X<sup>®</sup>; and
- with a crew of no more than three personnel to load and operate the Hadrian X<sup>®</sup>.

The completion of the Factory Acceptance Test at an effective lay rate of 330 blocks per hour triggers the second Demonstration Program progress payment of US\$800,000 from CRH Ventures, in line with the announcement released to the ASX on 18 January 2024.

Having completed the Factory Acceptance Test, preparations are underway for the next-generation Hadrian X<sup>®</sup> to be shipped to Florida, United States to conduct a Site Acceptance Test.

The Site Acceptance Test criteria under the JV option program are as follows:

- Completion of the same structure built in the Factory Acceptance Test, this time incorporating bond beam blocks, at an effective lay rate of 285 blocks per hour or more;
- at an agreed location in Florida, United States;
- with a crew of no more than three personnel to load and operate the Hadrian X<sup>®</sup>; and
- with confirmation from an independent structural engineer that the constructed walls of the test build are consistent with the design and meet applicable building standards.

A further payment of US\$600,000 will become payable by CRH Ventures upon completion of the Site Acceptance Test, with the remaining US\$400,000 payable upon completion of the Demonstration Program.

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

**Ends**



## ASX Announcement FBR Limited



For more information please contact:

**FBR Limited**

Andrew Edge  
Investor Relations Manager  
T: +61 8 9380 0240  
[andrew.edge@fbr.com.au](mailto:andrew.edge@fbr.com.au)

**For media:**

Peter Klinger  
Cannings Purple  
T: +61 (0)411 251 540  
[pklinger@canningspurple.com.au](mailto:pklinger@canningspurple.com.au)

**About FBR Limited**

FBR Limited (ASX: FBR) designs, develops and builds dynamically stabilised robots to address global needs in a safer, more efficient and more sustainable way. These robots are designed to work outdoors using the company's core Dynamic Stabilisation Technology® (DST®).

The first application of DST® is the Hadrian X®, a bricklaying robot that builds structural walls faster, safer, more accurately and with less wastage than traditional manual methods. The Hadrian X® provides Wall as a Service®, FBR's unique commercial offering, to builders on demand.

To learn more please visit [www.fbr.com.au](http://www.fbr.com.au)

**About CRH Ventures**

CRH Ventures is the venture capital unit of CRH, the global leader in building materials solutions. With access to a \$250M Venturing and Innovation Fund, CRH Ventures partners with and invests ambitiously and strategically in ConTech and ClimateTech start-ups across the entire construction value chain.

To learn more please visit [www.crhventures.com](http://www.crhventures.com)

