

## **ANNEX B**

### **Memorandum of Understanding between Singapore Land Authority (SLA) and National University of Singapore (NUS) Faculty of Science through the NUS Centre for Nature-based Climate Solutions (CNCS)**

#### **Scope of research activities**

1. Understand existing carbon stock, carbon sequestration contributions and distribution across various ecosystems (primary and secondary forests, mangroves, parks and gardens etc.) in Singapore;
2. Improve and develop methodological frameworks for green carbon accounting and monitoring approaches;
3. Conduct collaborative research work using novel techniques based on technological advances (e.g. drone mapping and monitoring, Light Detection and Ranging or LiDAR scans, etc.) and publish the findings in suitable scientific journals;
4. Exchange of scientific, academic and technical information and appropriate academic materials and other information of mutual interest (e.g. spatial data, maps, imagery); and
5. Provide broad recommendations on how to increase carbon sequestration for the long term (including ecological habitat restoration, enhancement strategies, and/or targeted species recovery).