

Dear RGC RAE 2026 impact case review committee,

This letter is to certify from the University of Hong Kong (HKU) that, Prof. Heming Cui (staff ID: 089209) was awarded three technology-transfer-oriented licensing fee about the impact case of “UTEE (Ubiquitous Trusted Execution Environments): A Secure and High-performance Big-data Computing Infrastructure System on Public Clouds”, with a total amount paying from Huawei to HKU (as licensing fee) of **HKD \$7.15 million**. There are three batches of licensing fee of from Huawei: (1: HKU Research Services reference code: **RS-522-23**) "Architecture, Theory, and Algorithm Research for Accelerating Database Based on Accelerators", Huawei Theory Lab Flagship, **HKD \$2.55 million**, 2023~2025; (2: HKU Research Services reference code **RS- 0542-21**) "ParaNAS: High-performance, Scalable, Reliable and High-precision Multi-GPU Pipeline Parallel DNN Training Systems", Huawei Theory Lab Flagship, **HKD \$2.4 million**, 2021~2023; and (3: HKU Research Services reference code **RS-180193**) "A Blockchain-powered, Trustworthy Internet Layer (System) and its Decentralized and Efficient Applications", Huawei Innovation Research Program (HIRP) Flagship, **HKD \$2.2 million**, 2018~2021.

According to these three batches of licensing fee, Prof. Heming Cui has collaborated with Huawei to jointly apply for 15 patents with Huawei. These patents have been tech-transferred from HKU to Huawei, according to the contract agreements of the corresponding three batches of licensing fee, signed between HKU and Huawei. Please see the details (patent title and co-authors) of these patents in this link (<https://hemingcui.github.io/rae2026-utee/details-of-patents.pdf>).

Signature of the Representative of HKU Research Services

The HKU Research Services, HKU Research Services

Nov 7, 2025