

**Appendix II****Details and Cost of each new function/enhancement for Contract Variations added to the ATMS****Contract Variation #1**

The details and cost for each new function/enhancement added to the ATMS under the scope of item 2.6(b) of the Audit Report are given as follows:-

| <b>Description</b>  | <b>Cost</b> |
|---|-------------|
| <p><i>(i) enhancements of aircraft arrival sequence logic and human-machine interface for handling of missed approach flights</i></p> <p>Additional functions were added to the Arrival Manager (AMAN) for enhancement of aircraft arrival sequence logic including average delay algorithm, two aircraft holding stack feature, pre-sequencing for all Flight Information Region (FIR) entries, Secondary Surveillance Radar (SSR) code duplication enhancement, as well as enhancement of the human machine interface (HMI) to improve handling of missed approach flights for safe and efficient ATC operations.</p> | HK\$8.4M    |
| <p><i>(ii) improving operational efficiency of coordination among various operational units within the CAD</i></p> <p>Additional features were added to the Electronic Flight Strip (EFS) for enhancement of the flight related information in the EFS, so as to improve coordination among the flight data operators, control tower operators and control centre operators for more efficient ATC operations.</p>  | HK\$4.2M    |
| <p><i>(iii) interoperability with the neighbouring ATC centres</i></p> <p>Enhancement on the Air Traffic Services (ATS) Interfacility Data Communications (AIDC) interface so that the ATMS could communicate with different air traffic control centres using different versions of AIDC message protocols developed by the ICAO to enhance operational efficiency.</p>  | HK\$12.5M   |
| Total:  | HK\$ 25.1M  |