

**Proposed variation to detail of ECF Funded Research Project**

Project Number	06/2006
Project Title	To establish a three dimensional real-time marine environment monitoring system in Hoi Ha Wan Marine Park with connection to the internet
Principal Investigator (PI)	Dr. Robin BRADBEER of the City University of Hong Kong
Project summary	The objective of the project is to extend the existing 2-dimensional marine area monitoring system of the City University to a 3-dimensional monitoring system by adding two more data buoy units in the Hoi Ha Wan Marine Park. The work involves the setting up of a small DataBuoy I network to monitor 3 areas in the Hoi Ha Wan Marine Park. The data will be collected approximately once every minute and displayed at the Hoi Ha Visitor centre (on a Mimic Panel) and on the website of the City University.
Commencement Date	1 June 2007
Project Duration	12 months
Target Completion Date	31 May 2008
Total Approved Amount (A)	\$128,500
Funds disbursed up to 30.4.2008 (B)	\$64,250
Balance as at 30.4.2008 (A) – (B)	\$64,250
Proposed variation to project details	<p>On submission of the first progress report and financial statement for the period 1.6.2007 to 30.11.2007, there was an over-expenditure on the budget item of “Installation” by \$2000 which is more than 20% of the original approved budget. The original approved budget for this item was \$4,000 but the expenditure as at 30.11.2007 was \$6,000.</p> <p>The PI explained that owing to shark danger, diving was prohibited by AFCD in Hoi Ha Wan last summer. It resulted in extra cost for installation. The PI would like to apply for approval for transferring a total of \$2,000 of unspent balance from the budget item of “Equipment-computer” to cover the over-expenditure on “Installation” cost.</p>

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For Discussion**

	<p>Besides, the PI reported that the datalink between Hoi Ha Wan server and the City University of Hong Kong server is not working correctly. The PI is working with the technical staff to solve the problem to facilitate testing of the monitoring system fully. Due to such delay in the data communications, the PI would like to apply for extension of the project period for one month, i.e. up to 30 June 2008, for the modification of the datalink.</p> <p>No additional fund would be requested for the whole project.</p>
Assessment/Remark	<p>In view of the explanation from the PI that the over-expenditure was caused by the shark danger in summer time, the Subcommittee is recommended to grant approval to the proposed project variations.</p>

Secretariat, ECF Research Projects Vetting Subcommittee  
May 2008