

## Project Description

Return From (Department/bureau/authority)

Civil Engineering and Development DepartmentReturn For 4th Quarter of 2011

1. <b>Project Name</b> (in English & Chinese)	Kai Tak Development (Engineering Review) 啓德發展計劃(工程檢討)
2. <b>Project Reference</b>	AVR/G/63
3. <b>Outline of Project Details</b> <i>(attach location plan)</i>  <i>Please include key development parameters e.g. site area, total GFA, building height, lot frontage for waterfront sites etc. relevant to the project and the relevant criteria for AVA set out in para. 4.</i>	<p>Kai Tak is situated at the heart of Kowloon Peninsula with over 11km of harbourfront promenade and surrounded by several developed districts including To Kwa Wan, Kowloon City, San Po Kong, Wong Tai Sin, Kowloon Bay, Kwun Tong and Cha Kwo Ling.</p> <p>The total planning area of the Kai Tak Development (KTD) which spans around 320 hectares, covering the ex-airport site and its adjoining areas, is intended for a total population of about 90,000 as well as total number of employment around 86,000.</p> <p>The proposed development will include areas for commercial and residential developments, a variety of Government, institution or community (GIC) facilities, a stadium complex, a cruise terminal and a tourism node, and a Metro Park.</p> <p>The total planned GFA of KTD is around 4 million sq metres.</p>

**4. Select the following category(ries) which would be applicable to the major government project :**


*(Please tick ALL relevant categories)*

- Planning studies for new development areas.
- Comprehensive land use restructuring schemes, including schemes that involve agglomeration of sites together with closure and building over of existing streets.
- Area-wide plot ratio and height control reviews.
- Developments on sites over 2 hectares and with an overall plot ratio of 5 or above.
- Development proposals with total Gross Floor Area exceeding 100,000 square metres.
- Developments with podium coverage extending over one hectare.
- Developments above public transport terminus.
- Buildings with height exceeding 15 metres within a public open space or breezeway designated on layout plans / outline development plans / outline zoning plans or proposed by planning studies.
- Developments on waterfront sites with lot frontage exceeding 100 metres in length.
- Extensive elevated structures of at least 3.5 metres wide, which abut or partially cover a pedestrian corridor along the entire length of a street block that has / allows development at plot ratio 5 or above on both sides; or which covers 30% of a public open space.
- Others, please specify

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<b>5. Relevant factors which have been taken into account in assessing the need for AVA</b>			
<i>Factors</i>	<i>Y</i>	<i>N</i>	<i>Brief remarks</i>
Are there existing / planned outdoor sensitive receivers located in the vicinity of the project site falling within the assessment area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Proposed KTD is surrounded by To Kwa Wan, Kowloon City, San Po Kong, Kowloon Bay and Kwun Tong districts.
Are there known or reasonable assumptions of the development parameters available at the time to conduct the AVA?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Assumption of development parameters for Proposed KTD are worked out by Study Consultants
Are alternative designs or alternative locations feasible if the AVA to be conducted reveals major problem areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Study Consultants would explore to fine-tune the proposed building layouts as far as possible to address the problem areas identified in AVA.
Are there other overriding factors that would prevail over air ventilation considerations in the determination of the project design?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In formulating the Kai Tak Development proposals, various elements including the public views, government policy, the land use, site constraints, etc would be taken into account. Air ventilation would be one of these considerations.
Will the desirable project design for better air ventilation compromise other important objectives for the benefits of the public?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Development density and the building layout will be adjusted

Has the public raised concern on air ventilation in the neighbourhood area of the project?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The residents in surrounding districts such as Kowloon City raised their concerns on the possible impact of the proposed development in Kai Tak to air ventilation in the district.
Is the project already in advanced stage to incorporate AVA?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Nil
Any other factors not listed above? (please specify)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Nil
<b>6. Is AVA required?</b>			
AVA is required for the project	<b><i>Go to Section 7</i></b>		
<del>AVA should be conducted later</del>	<del><b><i>Go to Section 8</i></b></del>		
<del>AVA to be waived</del>	<del><b><i>Go to Section 9</i></b></del>		
<b>7. AVA is required for the project</b> <i>(The AVA report, 3 hard copies and an electronic copy in Acrobat format, is be submitted for record after completion)</i>			
(a) AVA Consultants (if any)	AECOM Asia Company Limited with HKUST as sub-consultants		
(b) Time (start / finish)	2009 to 2010		
(c) Assessment tool used (CFD or/and wind tunnel)	Wind Tunnel		
(d) Any design changes made to the project resulting from the AVA?	Building block layout is revised, taking into account findings of the AVA.		

(e) Any major problems encountered in the AVA process?	Nil
(f) Any suggested improvement to the AVA process?	Nil
<b>8. AVA should be conducted later</b>	<i>not applicable</i>
<del>(a) What is the current stage of the project?</del>	
<del>(b) When should AVA be conducted?</del>	
<del>(c) Which Policy Bureau agrees to conduct AVA later?</del>	<del>DB</del> <del>THB</del> Others _____
<b>9. AVA to be waived</b>	<i>not applicable</i>
<del>(a) Give justifications for waiving the requirement</del>	
<del>(b) Have qualitative design guidelines / measures been adopted and design changes been made to improve air ventilation of the project?</del>	
<del>(c) Which Policy Bureau agrees to waive AVA?</del>	<del>DB</del> <del>THB</del> Others _____
<b>10. Contact</b>	
(a) Name	

(b) Designation	[REDACTED]
(c) Tel.	[REDACTED]
(d) E-mail	[REDACTED]