

Public Works Programme

(formerly under the then Works Bureau)

Detailed Progress

I Ensure that public works projects are planned for cost effectiveness, feasibility studies are thoroughly conducted, and planning action is well co-ordinated

To achieve results in this area, various initiatives have been undertaken in the past years. Details are set out below —

Initiative *	Target #	Present Position †
To streamline Public Works Programme (PWP) procedures, including simplifying Preliminary Project Feasibility Studies, improving the co-ordination between environmental impact assessment and the statutory gazetting of projects and shortening the land resumption process <i>(the then Works Bureau (WB))</i>	To complete the streamlining of PWP procedures by March 2002 <i>(2001)</i>	<i>(Action Completed)</i>
To conduct a review on the undertaking of value management studies on major public works projects to better address the needs of all stakeholders <i>(WB)</i>	To complete the review by March 2002 <i>(2001)</i>	<i>(Action Completed)</i>

* the bracketed information denotes the agency with lead responsibility for the initiative

the bracketed information denotes the year in which the target was set

† the bracketed information denotes the status of the target

Initiative	Target	Present Position
<p>To scrutinise reports of Preliminary Project Feasibility Studies in respect of projects for inclusion in the PWP within the prescribed time frame</p> <p>(WB)</p>	<p>To maintain the target of checking individual reports within three weeks of receipt of the reports</p> <p>(1999)</p>	<p><i>(Action in Progress : On Schedule)</i></p>

2 Ensure that the most appropriate methods of procurement and delivery of construction projects are used

To achieve results in this area, various initiatives have been undertaken in the past years. Details are set out below —

Initiative	Target	Present Position
To review the recommendations of the consultancy study on the General Conditions of Contract for Public Works Projects with the objective of achieving a more equitable allocation of risks <i>(the then Works Bureau (WB))</i>	To complete the review by 2003 <i>(2001)</i>	<i>(Action Completed)</i>
To investigate alternative methods of procurement for public works <i>(WB)</i>	To carry out a study on alternative methods of procurement for public works in order to ensure overall value for money by March 2003 <i>(2001)</i>	<i>(Action in Progress : On Schedule)</i>
To develop procedures and guidelines for the use of Interim Payment Schedules (IPS) in public works contracts in order to simplify the method of interim payments to contractors <i>(WB)</i>	To complete and implement the new IPS guidelines and procedures by 2001 <i>(1999)</i>	<i>(Action Completed)</i>

3 Ensure that the quality of consultants and contractors selected to deliver public works will meet the requirements of our projects

To achieve results in this area, various initiatives have been undertaken in the past years. Details are set out below —

Initiative	Target	Present Position
To enhance the consultant selection procedures with a view to encouraging more consultants to participate in public works consultancies <i>(the then Works Bureau (WB))</i>	To complete the enhancement by end-2002 <i>(2001)</i>	<i>(Action Completed)</i>
To improve the mechanism for monitoring consultants' performance <i>(WB)</i>	To incorporate categorisation of works in the Consultants' Performance Index System by end-2002 <i>(2001)</i>	<i>(Action Completed)</i>
To improve the quality of public works by requiring the contractors to employ more qualified tradesmen and intermediate tradesmen for carrying out the works <i>(WB)</i>	To review and increase the minimum percentages of qualified tradesmen and intermediate tradesmen to be employed by the contractors of Government works contracts before end-2002 <i>(2001)</i>	<i>(Action Completed)</i>

Initiative	Target	Present Position
<p>To improve the marking scheme in the consultant selection system such that it adequately reflects all quality aspects critical to a project</p> <p>(WB)</p>	<p>To promulgate the new marking scheme by mid-2003</p> <p>(2001)</p>	<p><i>(Action in Progress : On Schedule)</i></p>
<p>To enhance the efficiency in the management of the List of Approved Contractors for Public Works and List of Approved Suppliers of Materials and Specialist Contractors for Public Works</p> <p>(WB)</p>	<p>To complete the enhancement of the computerised Contractors Management Information System including its development into a bilingual (Chinese and English) system by end-2001</p> <p>(2000)</p>	<p><i>(Action Completed)</i></p>
<p>Together with the Independent Commission Against Corruption, to reinforce corruption resistant systems and procedures in the consultants management system</p> <p>(WB)</p>	<p>To complete a comprehensive review of the existing guidelines governing the management of consultants and to encourage the consultants to establish and maintain a code of conduct by end-2001</p> <p>(2000)</p>	<p><i>(Action Completed)</i></p>

4 Ensure that contractors for public works maintain a safe and healthy working environment

To achieve results in this area, various initiatives have been undertaken in the past year. Details are set out below —

Initiative	Target	Present Position
To monitor the safety performance of public works contractors to achieve the target accident rate of less than 50 accidents per 1 000 workers per year <i>(the then Works Bureau (WB))</i>	To achieve the target accident rate of less than 50 accidents per 1 000 workers per year in 2002 <i>(2001)</i>	<i>(Action Completed)</i>
To review the trial scheme of Site Safety Cycle and apply it to suitable public works contracts <i>(WB)</i>	<ul style="list-style-type: none"> ● To complete the review in early 2002 ● To apply the scheme to suitable public works contracts to be invited in mid-2002 <i>(2001)</i>	<i>(Action Completed)</i>

5 Ensure high quality and standards in the construction and maintenance of public works

To achieve results in this area, various initiatives have been undertaken in the past years. Details are set out below —

Initiative	Target	Present Position
<p>To promote wider use of standardisation in component design and process in construction</p> <p><i>(the then Works Bureau (WB))</i></p>	<p>To establish a database of standardised construction components and processes in 2002 for share use and reference among Works Departments</p> <p><i>(2001)</i></p>	<p><i>(Action in Progress : On Schedule)</i></p>
<p>To further improve the quality management of public works through the certification against the International Organisation for Standardisation (ISO) 9001:2000 standard</p> <p><i>(WB)</i></p>	<p>Following the requirements of the ISO on the transition to the ISO 9001:2000 standard, to require all consultants, Groups B and C contractors, and major specialist contractors to obtain ISO 9001:2000 certification by end-2003</p> <p><i>(2001)</i></p>	<p><i>(Action in Progress : On Schedule)</i></p>
<p>To enhance materials and compliance testing for public works projects</p> <p><i>(Civil Engineering Department)</i></p>	<ul style="list-style-type: none"> ● To publish standard specifications for testing on Alkaline Aggregate Reactions in 2002 ● To publish standard specifications for soil testing in 2002 <p><i>(2001)</i></p>	<ul style="list-style-type: none"> ● <i>(Action in Progress : On Schedule)</i> ● <i>(Action Completed)</i>

Initiative	Target	Present Position
<p>To implement the first stage of a construction personnel registration system for construction workers</p> <p>(WB)</p>	<p>To complete drafting of the new legislation by end-2001</p> <p>(2000)</p>	<p>In view of the complexity of the proposed registration system, full consultations with all stakeholders of the construction industry were necessary before the drafting instructions could be finalised. Drafting of the new legislation is in progress. It is planned to submit the Bill to the Legislative Council in early 2003.</p> <p><i>(Action in Progress : Behind Schedule)</i></p>

6 Ensure that projects in the Public Works Programme are completed on time and within budget

To achieve results in this area, various initiatives have been undertaken in the past years. Details are set out below —

Initiative	Target	Present Position
To ensure the timely delivery of infrastructure projects related to the Cyberport <i>(the then Works Bureau (WB))</i>	<ul style="list-style-type: none"> ● To complete the sewage treatment plant by October 2002 ● To complete 50% of the bridge foundations of the Northern Access Road by September 2002 	<i>(Action Completed)</i>
	<i>(2001)</i>	
To ensure the timely delivery of infrastructure projects related to the Hong Kong Disneyland <i>(WB)</i>	<ul style="list-style-type: none"> ● To complete works of the Phase 1 theme park site of the Penny's Bay Reclamation by end-2002 ● To commence the de-contamination work at the Cheoy Lee Shipyard by end-2002 ● To complete the civil engineering works for the West Resort Road by end-2002 	<i>(Action Completed)</i>
	<i>(2001)</i>	
	<i>(2001)</i>	

Initiative	Target	Present Position
	<ul style="list-style-type: none"> ● To complete the first stage of Stage 1 of the Penny's Bay Reclamation by end-2001 <p>(2000)</p>	
<p>To assess the cumulative effect of the housing development programme on infrastructure capacity, so as to identify the need for new infrastructure projects and co-ordinate the planning for these projects, to monitor their progress and to ensure their timely completion</p> <p>(WB)</p>	<p>To compile quarterly progress reports on high impact housing-related infrastructure Public Works Programme (PWP) projects starting from early 2000 to enhance monitoring</p> <p>(1999)</p>	<p>(Action in Progress : On Schedule)</p>
<p>To maintain the expenditure of public works on target against the provisions in the Estimates</p> <p>(WB)</p>	<p>To ensure that underspending on public works will be less than 5% against the provisions in the Estimates</p> <p>(1999)</p>	<p>(Action in Progress : On Schedule)</p>
<p>To strengthen the monitoring of the progress of High Impact PWP projects to ensure that there will be no undue delay</p> <p>(WB)</p>	<p>To ensure that High Impact PWP projects are implemented according to the approved programme and project estimate</p> <p>(1998)</p>	<p>(Action in Progress : On Schedule)</p>

7 Promote the exchange of construction technology and expertise in public works between Hong Kong and the Mainland

To achieve results in this area, various initiatives have been undertaken in the past years. Details are set out below —

Initiative	Target	Present Position
<p>To promote joint technological research activities and exchange of construction technology with the Mainland</p> <p><i>(the then Works Bureau (WB))</i></p>	<p>To facilitate local and Mainland universities and related organisations in undertaking at least one joint research project in construction engineering in 2002</p> <p><i>(2001)</i></p>	<p><i>(Action in Progress : On Schedule)</i></p>
<p>To facilitate contact between the local construction industry and their Mainland counterparts to help enhance mutual understanding in the organisation and practice of the construction industry and to strengthen their co-operation opportunities</p> <p><i>(WB)</i></p>	<ul style="list-style-type: none"> ● To co-organise at least one exchange seminar and arrange visits to the Mainland on topics related to systems and practices adopted by the construction industry in Hong Kong and in the Mainland by end-2002 ● To collaborate with the relevant Mainland authorities on the exchange of construction-related information in 2002 <p><i>(2001)</i></p>	<p><i>(Action Completed)</i></p>

Initiative	Target	Present Position
<p>To foster liaison and co-operation among engineering and construction related professionals for the promotion of a comprehensive service (covering project financing, design, construction and project operation) to the construction industry</p> <p>(WB)</p>	<p>To co-organise at least one exchange seminar and arrange visits to the Mainland to share experience and promote co-operation between local professionals and their Mainland counterparts by end-2002</p> <p>(2001)</p>	<p>(Action Completed)</p>
<p>To promote joint technological research activities and exchange of construction technology with the Mainland</p> <p>(WB)</p>	<p>To liaise with local and Mainland universities and related organisations on joint research activities in construction engineering in 2001</p> <p>(2000)</p>	<p>(Action Completed)</p>

8 Ensure that the stormwater drainage infrastructure is adequate and effective in collecting and discharging surface runoff

To achieve results in this area, various initiatives have been undertaken in the past years. Details are set out below —

Initiative	Target	Present Position
To implement village flood protection schemes in Yuen Long <i>(Territory Development Department (TDD)/ Drainage Services Department (DSD))</i>	To complete the construction of village flood protection works for Yuen Long Ma Tin Tsuen, Shui Pin Wai and Wang Chau (Phase 2) in 2005 <i>(2001)</i>	<i>(Action in Progress : On Schedule)</i>
To implement village flood protection schemes in San Tin <i>(TDD/DSD)</i>	To complete the construction of village flood protection works for San Tin Mai Po Lo Wai and Mai Po San Tsuen in 2005 <i>(2001)</i>	<i>(Action in Progress : On Schedule)</i>
To implement the main drainage channel works for eastern San Tin <i>(TDD/DSD)</i>	To complete the construction of the Eastern Main Drainage Channel for San Tin in 2006 <i>(2001)</i>	<i>(Action in Progress : On Schedule)</i>
To implement the Yuen Long Bypass Floodway project <i>(TDD/DSD)</i>	To complete the construction of the Yuen Long Bypass Floodway in 2006 <i>(2001)</i>	<i>(Action in Progress : On Schedule)</i>

Initiative	Target	Present Position
<p>To implement Phase 2 of the river training scheme in Ngau Tam Mei in Northwestern New Territories</p> <p>(TDD)</p>	<p>To complete Phase 2 of the river training works by end-2002</p> <p>(2000)</p>	<p>(Action in Progress : On Schedule)</p>
<p>To implement Stage 2 of the river training scheme in Yuen Long and Kam Tin in Northwestern New Territories</p> <p>(TDD/DSD)</p>	<p>To complete Phases 1 and 2 of the river training works by end-2002</p> <p>(2000)</p>	<p>Phase 1 works were completed in March 2002. Due to the provisional liquidation of the original contractor, the contract for Phase 2 has been novated to a new contractor with remaining works scheduled for completion in March 2004.</p> <p>(Action in Progress : Under Review)</p>
<p>To work closely with the Shenzhen authorities on the implementation of Stage 3 of the Shenzhen River Regulation Project</p> <p>(DSD)</p>	<p>To commence construction of Stage 3 of the Shenzhen River improvement works in 2001</p> <p>(1999)</p>	<p>(Action Completed)</p>
<p>To implement Phase 1 of the river training scheme in Ngau Tam Mei in Northwestern New Territories</p> <p>(DSD)</p>	<p>To complete the river training works in 2002</p> <p>(1999)</p>	<p>Drainage channel was partially formed and opened for the conveyance of floodwater in April 2002. The channel is expected to be completed in early 2003.</p> <p>(Action in Progress : Behind Schedule)</p>

Initiative	Target	Present Position
<p>To upgrade the stormwater drainage system in West Kowloon</p> <p>(DSD)</p>	<ul style="list-style-type: none"> ● To complete Stage 1 of the West Kowloon drainage improvement works in 2003 ● To complete Stage 2 Phase 1 of the West Kowloon drainage improvement works in 2004 <p>(1999)</p>	<p><i>(Action in Progress : On Schedule)</i></p>
<p>To implement river training schemes in the flood-prone areas of Northern New Territories</p> <p>(TDD/DSD)</p>	<ul style="list-style-type: none"> ● To complete river training and rehabilitation works for River Beas and River Indus in 2001 ● To complete river training works in Area 30B in Sheung Shui in 2001 <p>(1998)</p>	<ul style="list-style-type: none"> ● Works for River Beas and Lower River Indus were completed in 2001. River training works for Upper River Indus were behind schedule and the contract was re-entered in December 2001. Channel works for relieving the flooding problem were completed in April 2002. Remaining works are in progress for completion in 2003. <p><i>(Action in Progress : Behind Schedule)</i></p> <ul style="list-style-type: none"> ● <i>(Action Completed)</i>

Initiative	Target	Present Position
<p>To recommend comprehensive plans to extend and upgrade the stormwater drainage systems under the seven DMP Studies. To implement in phases the recommended drainage improvement works upon the completion of these studies</p> <p><i>(DSD)</i></p>	<p>To begin construction in 2001</p> <p><i>(1997)</i></p>	<p><i>(Action Completed)</i></p>

9 Promote electronic services delivery for works projects

To achieve results in this area, various initiatives have been undertaken in the past year. Details are set out below —

Initiative	Target	Present Position
<p>To implement electronic procurement for public works projects</p> <p><i>(the then Works Bureau (WB))</i></p>	<ul style="list-style-type: none"> ● To commence tender/consultancy proposal submission on removable media by end-2001 ● To complete the feasibility study for tender/consultancy proposal submission through the Internet by March 2002 <p><i>(2001)</i></p>	<p><i>(Action Completed)</i></p>
<p>To formulate an Electronic Services Delivery (ESD) strategy for the implementation of works projects</p> <p><i>(WB)</i></p>	<p>To complete a comprehensive review of the existing works project delivery processes and to formulate an overall ESD strategy for works projects by mid-2002</p> <p><i>(2001)</i></p>	<p><i>(Action Completed)</i></p>
<p>To implement a unified Computer-Aided Drafting (CAD) Standard for Works Departments (CSWD)</p> <p><i>(WB)</i></p>	<p>To complete a comprehensive review of the existing CAD practice adopted by the Works Departments, and to formulate and implement a unified CSWD by end-2002</p> <p><i>(2001)</i></p>	<p><i>(Action in Progress : On Schedule)</i></p>