Establishment ceiling 2007–08 (notional annual mid-point salary value) representing an estimated

Establishment ceiling 2007–08 (notional annual mid-point salary value) representing an estimated 574 non-directorate posts as at 31 March 2007 rising by 49 posts to 623 posts as at 31 March 2008 ...

\$249.1m

\$0.3m

In addition, there will be an estimated 17 directorate posts as at 31 March 2007 and as at 31 March 2008.

Commitment balance

Controlling Officer's Report

Programmes

Programme (1) Use of Information Technology (IT) in Government These programmes contribute to Policy Area 17: Information Technology and Broadcasting (Secretary for Commerce, Industry and Technology).

Programme (2) IT Infrastructure and Standards

Programme (3) IT in the Community

Detail

Programme (1): Use of IT in Government

	2005–06	2006–07	2006–07	2007–08
	(Actual)	(Original)	(Revised)	(Estimate)
Financial provision (\$m)	353.6	395.1	382.9 (-3.1%)	391.1 (+2.1%)

(or -1.0% on 2006–07 Original)

Aim

2 The aim is to promote and facilitate more extensive use of IT by the Government with a view to providing customer-centric services that support an accessible, accountable and efficient government and contribute to maintaining Hong Kong's position as a leading digital city.

Brief Description

- **3** The Office of the Government Chief Information Officer (OGCIO) provides a single focal point within the Government with the responsibility of formulating IT policies and strategies under the Digital 21 Strategy and providing IT services and support within the Government.
- 4 The vision of the OGCIO under this Programme is to formulate policies and strategies and to implement programmes in relation to e-government that (a) serve the community through the provision of integrated, one-stop and customer-centric e-services to customers that deliver increased value and facilitate better access to public services; (b) transform the Government through business process re-engineering that improves service delivery, strengthens the value of customer orientation and enhances efficiency and productivity; and (c) sustain Hong Kong's role as a leading digital city through promoting a more pervasive e-environment that raises the e-literacy of the community and driving the adoption of e-commerce and e-business.
 - **5** In 2006–07, the Office:
 - monitored the progress in implementing the 2004 Digital 21 Strategy published in March 2004, conducted a review on the Digital 21 Strategy and launched a public consultation exercise on the next strategy with a view to announcing the new strategy in 2007;
 - soft launched GovHK, the new one-stop shop for online government information and services, adopting a clustering approach to e-government service delivery;
 - conducted an Expression of Interest exercise to gauge interest in private sector participation to provide valueadded information and services riding on GovHK;
 - established the Service Transformation Sub-committee under the E-Government Steering Committee to drive forward the government-wide service transformation programme;

- launched a training programme on customer relationship management to enhance the skills of relevant staff involved in the development of e-services;
- devised an e-procurement strategy for low-value high-volume purchases at bureaux/departments' level with a view to improving internal efficiency and encouraging external suppliers to adopt e-commerce;
- continued to make appropriate improvements to the services under the Electronic Service Delivery scheme;
- assisted the Rating and Valuation Department and the Land Registry to draw up the business model and necessary
 preparations for the implementation of a Property Information Hub (PIH) to make Government-held propertyrelated information available for public online access;
- assisted bureaux/departments to incorporate business process re-engineering considerations in the development of new IT applications;
- completed a study to develop a practical framework and a management guide for identifying and measuring the benefits derived from Government's IT investments in a more systematic and comprehensive manner;
- promoted the awareness of wireless and mobile services and technologies within the Government and assisted bureaux/departments in adopting the technologies through the provision of mobile information access and mobile messaging services;
- advised and assisted bureaux/departments on the acquisition and management of IT solutions and services, including hardware, software and network products as well as professional and data centre services;
- advised and assisted bureaux/departments on the appraisal, adoption and management of relevant technologies in implementing e-government initiatives, including the adoption of open and interoperable standards and open source technology;
- completed the Accessibility Programme with the provision of IT facilities to all government employees;
- completed the Common Look and Feel programme for all departmental homepages;
- completed the project of outsourcing the provision of data centre services for selected departmental information systems presently operated in-house;
- implemented an enhanced project governance mechanism for government IT projects to assist government bureaux/departments in better planning and managing their projects;
- advised bureaux/departments on the management responsibilities of information security and kept bureaux/ departments abreast of the various IT security technologies and solutions as well as latest IT security vulnerabilities and cyber threats;
- completed a plan to revamp the Government intranet portal, the Central Cyber Government Office (CCGO), to provide more customer-centric services to government employees; and
- commenced to participate in a pilot electronic record keeping system led by the Government Records Service.
- **6** The key performance measures in respect of use of IT in the Government are:

Target

	Target	2005 (Actual)	2006 (Actual)	2007 (Plan)
services rendered meeting requirements set out in service level documents agreed with users (%)	100	100	100	100
Indicators				
		2005 (Actual)	2006 (Actual)	2007 (Estimate)
government staff with designated workstations (%) no. of bureaux/departments with IT plans in place results of post-implementation reviews on completed projects		78.6 56	92.9 57	96.0 57
completed on schedule (%)		47.3 100 98.9 94.6	40.6 88.8@ 99.3 96.5	60.0 90.0@ 100 99.0

[@] New basis of measurement as from 2006 to reflect the inclusion of non-recurrent staff effort in the budget in addition to capital expenditures.

	2005–06 (Actual)	2006–07 (Revised Estimate)	2007–08 (Estimate)
total value of work undertaken in the year (\$m)total value of work outsourced in the year (\$m)	800.4	1,100.2	1,966.9
	742.4	1,003.9	1,311.3

Matters Requiring Special Attention in 2007-08

- 7 During 2007–08, the Office will:
- announce the fourth Digital 21 Strategy in 2007;
- enrich the contents and enhance the design of GovHK and its service clusters, taking into account users' feedback;
- formulate a channel management strategy for adoption by bureaux/departments with a view to streamlining service delivery channels and achieving greater customer satisfaction and cost-effectiveness;
- collaborate with bureaux/departments concerned in implementing pilot e-procurement projects;
- continue to provide IT advice and support in joined-up project initiatives including the Government Electronic Trading Services and the Digital Trade and Transportation Network (DTTN), and explore with and facilitate bureaux/departments on further opportunities for joining up e-government services;
- continue to co-ordinate the implementation of PIH;
- explore with bureaux/departments concerned the provision of Government-held geo-spatial information for public online access through the GovHK portal;
- work with bureaux/departments concerned to ensure the development of a comprehensive and co-ordinated approach in the management of information across the Government;
- continue to advise and co-ordinate bureaux/departments concerned in deepening government-to-employee services
 to government employees, and the deployment of government-to-government services and common applications
 on CCGO;
- continue to advise and assist bureaux/departments on the acquisition and management of IT solutions and services, as well as on the appraisal, adoption and management of relevant technology in implementing e-government initiatives;
- continue to upkeep the IT security awareness of bureaux/departments and monitor their security compliance status;
- continue to revamp the Government intranet portal, CCGO, to provide more customer-centric services to government employees;
- commence a review on the electronic mail services in the government and formulation of a strategy for the service in the next five years; and
- continue to monitor the IT project governance and assist government bureaux/departments in better managing their projects.

Programme (2): IT Infrastructure and Standards

	2005–06	2006–07	2006–07	2007–08
	(Actual)	(Original)	(Revised)	(Estimate)
Financial provision (\$m)	89.4	107.4	105.9 (-1.4%)	114.8 (+8.4%)

(or +6.9% on 2006–07 Original)

Aim

8 The aim is to facilitate the development of a secure and reliable infrastructure and the setting of common standards in Hong Kong.

Brief Description

9 The Office supports the development of IT infrastructure and setting of standards so as to strengthen Hong Kong's position as a leading digital city. It seeks to develop an information infrastructure with an open common interface through which the Government, business and the general public can interact readily and securely, for the further development of e-government services and e-commerce. It also seeks to introduce common standards which apply to both the public and private sectors.

10 In 2006–07, the Office:

- provided infrastructure support and facilities management services for central and common IT facilities for electronic transactions and messaging, including the Central Internet Gateway, the Government Information Centre, and the Government Backbone Network;
- commenced the renewal of the Government Backbone Network to provide connectivity among bureaux/ departments and common services;
- enhanced the Central Internet Gateway system and related infrastructure to facilitate better management of content in government websites;
- promulgated the revised government IT security related regulations, policies and guidelines which were updated to keep abreast of the technology advancement and development of international best practices in information security management;
- enhanced the E-Government Infrastructure Service and provided common services to support the implementation of the GovHK Programme;
- advised on the formulation of anti-spamming policy and legislative proposals;
- operated the Voluntary Certification Authority Recognition Scheme and monitored the compliance by recognised certification authorities of the requirements of the code of practice and the provisions of the Electronic Transactions Ordinance:
- worked with the Hongkong Post Certification Authority and successfully identified a suitable contractor to operate the Hongkong Post Certification Authority services; and
- worked out the IT infrastructure requirement specifications for the design-and-build tender of the Tamar Development Project and took part in the tender evaluation.

Matters Requiring Special Attention in 2007-08

- 11 During 2007–08, the Office will:
- formulate a Government IT infrastructure and sourcing strategy to facilitate the implementation of initiatives under the new Digital 21 Strategy; the Office will also identify the opportunities for consolidation of data centres in bureaux/departments;
- develop and publish an Electronic Authentication Reference Framework to facilitate the public and businesses to determine the appropriate assurance level and security requirements for different electronic transactions;
- co-ordinate with the design-and-build contractor of the Tamar Development Project on IT related matters and map out the requirements of the prospective tenants of the new Central Government Complex on common IT services to facilitate a collaborative working environment;
- continue to enhance the Interoperability Framework to facilitate the development of e-government services;
- continue to provide reliable and secure central IT infrastructure facilities as well as advice and support to bureaux/departments in the implementation and management of information security policies and measures to maintain the reliability and security of the Government's information assets, including the introduction of a mechanism for security audits;
- continue to enhance the IT security policies and guidelines in line with industry developments;
- continue to advise the DTTN Standards Advisory Group on relevant standards with a view to providing a neutral and secure interface for logistics players in the supply chain to exchange information and data;
- implement a pilot infrastructural authentication service using the secure personal identification number embodied in the smart identity cards;
- implement a new Internet gateway to enhance the performance and security of the Internet access service for government users;
- advise on the implementation of anti-spamming measures;
- enhance the service delivery channel for the Government Directory Service;
- enhance the websites related to information security to keep abreast of international and industry development;
- continue to provide central facilitation and technical consultation services for the upgrading of the Confidential Mail System in bureaux/departments;
- commence the procurement exercise for a new arrangement of Information System Hosting Service;
- continue to examine the case for developing a Spatial Data Infrastructure to enable effective storage, sharing, analysis and modelling of geo-spatial data;

- commence preparation work for the transition of the relevant government networks to make use of the Internet Protocol version 6;
- continue to operate the Voluntary Certification Authority Recognition Scheme;
- provide advice and support to the Hongkong Post Certification Authority in managing the public certification services which have been outsourced;
- embark on a review of the Electronic Transactions Ordinance, with a view to putting forward proposals for public consultation; and
- continue to take part in the Ideographic Rapporteur Group of the International Organization for Standardization (ISO) and promote wide adoption of the ISO/International Electrotechnical Commission 10646 as the standard for Chinese character coding in Hong Kong.

Programme (3): IT in the Community

	2005–06	2006–07	2006–07	2007–08
	(Actual)	(Original)	(Revised)	(Estimate)
Financial provision (\$m)	76.3	61.8	58.1 (-6.0%)	58.1

(or -6.0% on 2006–07 Original)

Aim

12 The aim is to promote and facilitate the development and adoption of IT in the community and in business to enhance the social and economic well-being and competitiveness of Hong Kong.

Brief Description

13 The Office promotes and facilitates the wider use of IT in the business sector and the community, and contributes to building a digitally inclusive society in Hong Kong. It collaborates with industry support organisations and trade associations to support the IT industry, including exploration of business opportunities locally, in the Mainland and overseas. In addition, it works in close partnership with the local IT industry, academia, non-profit making organisations and other professional bodies to promote the use of new and emerging technologies, applications and services in the business sector and the community.

14 In 2006–07, the Office:

- continued to promote Digital 21 initiatives and new e-government services to the community;
- continued to promote the wider use of IT in the community through co-organising an IT Hong Kong Campaign and other community educational activities, including the production of radio programmes and television features to promote wider adoption of IT and arouse awareness in information security and computer-related crime among the general public;
- implemented/sponsored a variety of initiatives to widen the adoption of IT in the community, including sponsoring non-profit making organisations to organise promotional activities, basic IT courses and competitions;
- organised the first Hong Kong Information and Communications Technology (ICT) Awards with a view to engaging interested stakeholders to develop a large scale and internationally recognised branding of Hong Kong's achievements in ICT innovations and services;
- facilitated the development of the IT industry through organising and participating in conferences, forums, seminars, visits and various promotional events;
- continued to roll out sector-specific programmes to promote the wider adoption of IT and e-business in various
 business sectors, including travel industry, private medical practitioners, drug stores as well as the logistics
 industry, accountants and beauty industry and invited interests from industry organisations to participate in a new
 round of e-business promotion programmes;
- collaborated with the Hong Kong Productivity Council and IT industry bodies and provided funding support to encourage and assist local software companies to obtain internationally-recognised quality certification such as the Capability Maturity Model to enhance the competitiveness of the software industry;
- continued to promote the awareness and adoption of wireless and mobile services through the Task Force on Facilitating the Adoption of Wireless and Mobile Services and Technology;
- promoted the awareness and adoption of Open Source Software (OSS) in schools and among small and medium enterprises (SMEs);

- implemented the pilot scheme for opening up intellectual property in government IT systems for commercial exploitation;
- collaborated with the Education and Manpower Bureau and the local IT industry on the development of a Qualifications Framework and associated specification of competency standards of the different training requirements under the Framework;
- sponsored the Hong Kong Computer Society in conducting a study on a certification system for IT professional qualifications and an IT manpower roster for Hong Kong;
- engaged in discussions with the Hong Kong Institution of Engineers on the feasibility of setting up a registration system for IT practitioners in the applicable disciplines;
- collaborated with the Department of Information Industry of Guangdong Province to establish an Expert Group on Co-operation in Informatisation under the aegis of the Hong Kong/Guangdong Co-operation Joint Conference;
- continued to strengthen co-operation with the countries with which Hong Kong has entered into ICT co-operative arrangements at both the Government and industry levels;
- co-ordinated/completed IT surveys including the 2006 annual surveys on the use of IT in households and business and a public opinion survey on the provision and utilisation of e-government services;
- · conducted an information security survey for public organisations on their current state of information security;
- developed a new series of digital divide programmes with reference to the findings of the impact analysis study on digital inclusiveness;
- continued to support the Hong Kong Council of Social Service (HKCSS) under the Digital Solidarity Fund initiative to engage interested stakeholders in designing and implementing digital inclusion programmes for Hong Kong;
- collaborated with the Cyberport and the relevant industry organisations in promoting the support facilities/services offered by the Hong Kong Wireless Development Centre, Digital Media Centre, i-Resource Centre, Digital Entertainment Industry Support Centre and Cyberport Incu-Train Centre at the Cyberport to local IT and digital entertainment industry players;
- completed a consultancy study on the institutional arrangement for the administration of .hk Internet domain names with reference to international developments; and
- facilitated and supported the Hong Kong Internet Registration Corporation (HKIRC) in launching .hk Chinese domain names in Hong Kong.

Matters Requiring Special Attention in 2007-08

- 15 During 2007–08, the Office will:
- launch local and overseas publicity programmes to promote GovHK as Hong Kong's one-stop shop for online government information and services;
- continue to organise/sponsor a variety of initiatives to widen the adoption of IT in the community, including the production of radio programmes and sponsoring non-profit making organisations to organise promotional activities, basic IT courses and competitions;
- continue to support the IT Hong Kong Campaign, including dissemination of IT news and events through the IT Hong Kong website;
- continue to organise and support the Hong Kong ICT Awards with a view to engaging interested stakeholders to
 develop a large scale and internationally recognised branding of Hong Kong's achievements in ICT innovations
 and services;
- continue to facilitate the development of the IT industry through participating in various promotional activities such as conferences, forums, seminars and visits;
- continue to roll out the next wave of sector-specific programmes to promote the wider adoption of IT and e-business in various business sectors, in particular among SMEs;
- continue to promote the awareness and adoption of wireless and mobile services through the Task Force on Facilitating the Adoption of Wireless and Mobile Services and Technology;
- continue to promote the awareness and adoption of OSS among SMEs;
- continue to co-organise activities with bureaux/departments, professional bodies and the IT industry to enhance the supply of quality IT manpower in Hong Kong;
- continue to facilitate and support the development of local IT industry and help expand business opportunities in overseas and the Mainland markets through the Mainland and Hong Kong Closer Economic Partnership Arrangement and other collaborative arrangements;

- continue to strengthen co-operation with the countries with which Hong Kong has entered into ICT co-operative arrangements at both the Government and industry levels;
- continue to support surveys to monitor IT adoption in the business sector and households, and to understand public opinions towards the provision and utilisation of e-government services;
- continue to promote information security awareness of the general public as well as SMEs and corporations;
- consider the need for and positioning of a task force on digital inclusion;
- lead local discussions among different sectors of the community to help Hong Kong move towards a digitally inclusive and knowledge-based society;
- implement a new series of digital divide programmes with reference to the findings of the impact analysis study on digital inclusiveness;
- continue to support and collaborate with HKCSS in the administration of the Digital Solidarity Fund to engage interested stakeholders in designing and implementing digital inclusion programmes for Hong Kong;
- continue to facilitate and monitor the implementation of the pilot scheme for opening up intellectual property in government IT systems for commercial exploitation;
- continue to promote and support the development of the digital entertainment industry in Hong Kong through providing a full range of support services such as shared facilities, research and development, skills upgrading and marketing;
- continue to assist in promoting the Cyberport as the regional hub for the IT and digital entertainment industry; and
- · continue to work with HKIRC in enhancing the administration of .hk Internet domain names.

ANALYSIS OF FINANCIAL PROVISION

Programme	2005–06	2006–07	2006–07	2007–08
	(Actual)	(Original)	(Revised)	(Estimate)
	(\$m)	(\$m)	(\$m)	(\$m)
 Use of IT in Government IT Infrastructure and Standards IT in the Community 	353.6	395.1	382.9	391.1
	89.4	107.4	105.9	114.8
	76.3	61.8	58.1	58.1
	519.3	564.3	546.9 (-3.1%)	564.0 (+3.1%)

(or -0.1% on 2006–07 Original)

Analysis of Financial and Staffing Provision

Programme (1)

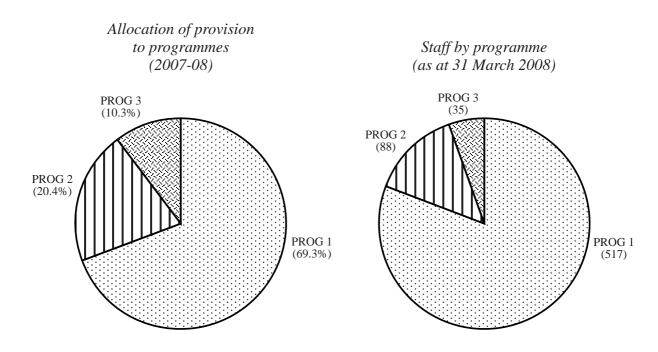
Provision for 2007–08 is \$8.2 million (2.1%) higher than the revised estimate for 2006–07. This is mainly due to the increased salary provision arising from the redeployment of staff and creation of posts for meeting new or improved service needs, partly offset by the redeployment of resources to Programme 2 for the fourth Digital 21 Strategy.

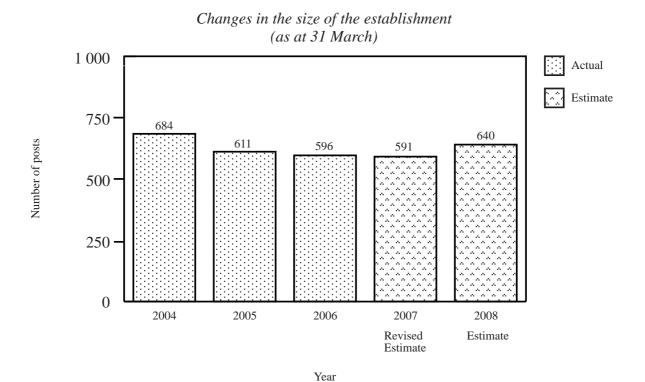
Programme (2)

Provision for 2007–08 is \$8.9 million (8.4%) higher than the revised estimate for 2006–07. This is mainly due to the increased requirement for IT infrastructure in support of e-government initiatives under the fourth Digital 21 Strategy.

Programme (3)

Provision for 2007–08 is the same as the revised estimate for 2006–07.





Sub- head (Code)		Actual expenditure 2005–06	Approved estimate 2006–07	Revised estimate 2006–07	Estimate 2007–08
		\$'000	\$'000	\$'000	\$'000
	Operating Account				
	Recurrent				
000	Operational expenses	519,306	563,613	544,976	562,783
	Total, Recurrent	519,306	563,613	544,976	562,783
	Non-Recurrent				
700	General non-recurrent	_	_	1,200	250
	Total, Non-Recurrent			1,200	250
	Total, Operating Account	519,306	563,613	546,176	563,033
	Capital Account				
	Plant, Equipment and Works				
661	Minor plant, vehicles and equipment (block vote)	_	700	700	1,000
	Total, Plant, Equipment and Works		700	700	1,000
	Total, Capital Account		700	700	1,000
	Total Expenditure	519,306	564,313	546,876	564,033

Details of Expenditure by Subhead

The estimate of the amount required in 2007–08 for the salaries and expenses of the Office of the Government Chief Information Officer is \$564,033,000. This represents an increase of \$17,157,000 over the revised estimate for 2006–07 and of \$44,727,000 over actual expenditure in 2005–06.

Operating Account

Recurrent

- **2** Provision of \$562,783,000 under *Subhead 000 Operational expenses* is for the salaries, allowances and other operating expenses of the Office of the Government Chief Information Officer.
- **3** The establishment as at 31 March 2007 will be 591 permanent posts. It is expected that there will be a net creation of 49 permanent posts in 2007–08. Subject to certain conditions, the controlling officer may under delegated power create or delete non-directorate posts during 2007–08, but the notional annual mid-point salary value of all such posts must not exceed \$249,106,000.
 - 4 An analysis of the financial provision under Subhead 000 Operational expenses is as follows:

	2005–06 (Actual) (\$'000)	2006–07 (Original) (\$'000)	2006–07 (Revised) (\$'000)	2007-08 (Estimate) (\$'000)
Personal Emoluments				
- Salaries	271,941	288,750	276,260	289,170
- Allowances	2,768	4,170	3,700	4,000
- Job-related allowances	· -	80	40	80
Personnel Related Expenses				
- Mandatory Provident Fund				
contribution	24	100	50	100
Departmental Expenses				
- Hire of services and professional fees	114,731	112,599	133,781	146,564
- Data processing	76,570	74,656	52,318	46,432
- General departmental expenses	24,576	29,000	27,500	24,173
Other Charges				
- Electronic Service Delivery scheme	28,696	42,258	39,327	40,264
- Support for e-Cert scheme	· —	12,000	12,000	12,000
	519,306	563,613	544,976	562,783

Capital Account

Plant, Equipment and Works

5 Provision of \$1,000,000 under *Subhead 661 Minor plant, vehicles and equipment (block vote)* represents an increase of \$300,000 (42.9%) over the revised estimate for 2006–07. This is due to increased requirement for replacement of minor plant and equipment.

Commitments

	Item (Code)	Ambit	Approved commitment	Accumulated expenditure to 31.3.2006	Revised estimated expenditure for 2006–07	Balance
			\$'000	\$'000	\$'000	\$'000
Operati	ing A	ccount				
700		General non-recurrent				
9	950	Compensatory payments under the Targeted Voluntary Retirement Scheme of the Computer Operator Grade	1,450	_	1,200	250
		Total	1,450		1,200	250