

Legislative Council Panel on Health Services

Prince of Wales Hospital – Extension Block

Purpose

This paper provides supplementary information on the proposal to construct an extension block at the Prince of Wales Hospital (PWH).

Background

2. At the meeting of the Panel held on 8 May 2006, members discussed LC Paper No. CB(2)1871/05-06(03) concerning a proposal related to the extension of a new block at the PWH and have requested supplementary information on the following :

- (a) major improvement works undertaken by other major acute hospitals in recent years; and
- (b) the preliminary plan for improving the existing buildings after the completion of the proposed works for the PWH, i.e. whether the future improvement works would take the form of refurbishment or redevelopment, and the estimated cost involved.

Supplementary Information

Major improvement works at other major acute hospitals

3. A list of major improvement works carried out in other major acute hospitals in recent years is at the **Annex**. It should be noted that while planning for hospitals would take into account long term service needs and cater for a reasonable degree of expansion, there is an extent that the long term needs in terms of space could be catered for indefinitely. Demand for hospital services has been increasing over the years and service requirements have also changed due to new technology or circumstantial factors e.g. new requirements for infection control. Additional or improvement works to the hospitals are therefore needed over time. As shown in the Annex, major expansion or

improvement works to hospitals over a period of some 20 to 30 years after their openings had been carried out for a number of hospitals. The Princess Margaret Hospital, which is a comparable example to the PWH in terms of opening years and size, has major extension and improvement works conducted some 20 years after its opening. By the time when the current proposed extension block at the PWH is completed, it would already be some 26 years since the PWH first came into operation. The timeframe for the new extension block as proposed currently is generally in line with that in other major acute hospitals.

Preliminary plan for future improvements

4. On completion of a new block as proposed in the current project, the PWH would be able to meet service and teaching demands. While the construction of the new block could be a stand-alone project without any consequential implications on the existing blocks, it would also provide capacity for decanting of existing services to facilitate future improvement plans, if need be.

5. Planning ahead for the PWH's long term functional needs, the Hospital Authority's (HA's) latest conceptual plan sees scope for rationalising some of the facilities in the existing blocks along the following directions :

- (a) changes to the existing Staff Quarters Blocks A, C and D into a second in-patient block accommodating services such as in-patient wards for obstetrics and gynaecology, clinical oncology, and paediatrics; neo-natal and paediatric intensive care unit; and delivery suite with operating theatres and labour-delivery-recovery rooms etc;
- (b) changes to the existing Main Block (Blocks A, B, C and D) into an ambulatory care as well as diagnostic and treatment block accommodating services such as diagnostic radiology and organ imaging department (out-patient); psychiatry in-patient and support services; ambulatory diagnostic, intervention and treatment facilities for services such a ophthalmology and visual sciences endoscopy, lithotripsy and uro-investigation, dialysis and peritoneal haemodialysis; ambulatory procedure and rehabilitation facilities such as diabetes mellitus and endocrine centre; out-patient facilities such as family medicine training centre etc;
- (c) improvements to the building services in the existing Clinical Building and Li Ka Shing Specialist Outpatient Clinics; and to

rationalize the provisions of clinical support, teaching and research facilities located in these buildings; and

- (d) identification of possible locations for greening works along the “Green Zone” concept.

6. The above proposals are very preliminary concepts that the HA has been contemplating only and no detailed planning works have been conducted. In considering future improvements to the existing building blocks, the Government and the HA will always consider critically the need for the works and how best to achieve the results. At present, the HA has only considered the future broad functional needs of its existing facilities at the PWH. Whether changes to the existing building blocks are needed and, if so, the form i.e. improvements / refurbishment / redevelopment, will have to be determined at a later stage subject to further consideration and assessments of the functional needs, cost benefit analysis of the different approaches as well as architectural professional assessments. Cost estimates would only be available when the proposals mature to a more advanced planning stage.

Amendment to project title

7. At the meeting on 8 May 2006, members raised concerns about the scope of the project which was entitled “Redevelopment of PWH, Phase 1”. We have clarified that :

- (a) the present project is a stand-alone project for the construction of a new building block to meet existing service needs and demands but it can also serve to provide capacity for decanting of existing services in the future if the need arises; and
- (b) while future changes to the existing building blocks in the PWH to meet future functional needs may be required, how the changes should be carried out would need to be assessed and accounted for separately.

8. In the light of the above, we consider that the present project should more appropriately be retitled as “Prince of Wales Hospital – Extension Block”. This is in line with previous project titles of similar nature as listed in the Annex.

Advice Sought

9. Members are invited to note the supplementary information above. Subject to members' consideration, the project is planned for a submission to the Public Works Subcommittee for funding support at its meeting to be held on 21 June 2006.

**Health, Welfare and Food Bureau
Hospital Authority
June 2006**

List of Major Capital Works Projects carried out in Major Acute Hospitals*

Hospital and Year of Opening	Project Title	Project Description	Project Completion
Queen Mary Hospital (1937)	Queen Mary Hospital - extensions and improvements, Stage I	Conversion works for the Physiotherapy Department and the Computerised Tomography Scanner suite in the Main Hospital Block.	1983
	Queen Mary Hospital - extensions and improvements, stage II	Construction of two multi-storey blocks to provide new psychiatric and paediatric facilities; improvement of existing services and facilities within the Main Hospital Block; and conversion of some areas for clinical purposes.	1989
	Queen Mary Hospital - extensions and improvements, stage III - provision of additional quarters	Extensions and alterations to the existing sisters' and nurses' quarters; extensions to the Radiotherapy Block; and alterations and improvements to the Mortuary / Pathology Block and the Main Hospital Block.	1987
	Queen Mary Hospital - extensions and improvement, stage III - main hospital block, clinical pathology block, staff quarters and traffic works	Improvements to the layouts, provision of new equipment, building refurbishment and upgrading of fittings and various building services installations (such as addition of central air-conditioning) for both the Main Hospital Block and the Clinical Pathology Block; as well as improvements to the Senior Staff Quarters and the access road, including provision of a secondary alternative access to the hospital.	1994

* The list includes only those major capital works projects carried out at the major acute hospitals that were captured in the HA's computer record. There were projects carried out before the years as set out in the list but were not readily retrievable.

Hospital and Year of Opening	Project Title	Project Description	Project Completion
	Queen Mary Hospital - Radiotherapy and Oncology Department Extension	Construction of a new seven-storey extension block as well as refurbishment of the existing Radiotherapy and Oncology Department situated mainly on G/F and 1/F of the Professorial Block.	1998
	Reprovisioning of Sai Ying Pun Specialist Out-patient Clinic	Construction of a new 13-storey specialist out-patient clinic block with 84 consultation rooms and supporting facilities including operating theatres for minor surgeries, radiodiagnostic unit, pharmacy etc.	1999
Queen Elizabeth Hospital (1963)	Queen Elizabeth Hospital - A&E observation ward, specialist clinic and additional office accommodation	Construction of a new A&E observation ward in the open space between Blocks G and J; expansion to the existing specialist clinic; and construction of an additional floor above Block H for provision of additional offices for medical staff.	1991
	Queen Elizabeth Hospital, Block B extension	Construction of a 7-storey extension on top of the existing Block B and a new 13-storey Clinical Pathology Block next to Block B to provide accommodation for the expansion of medical services; provision of air-conditioning to all hospital wards; as well as conversion and alterations to the Custodial Ward, the Mortuary and the Prosthetic Unit.	1991

Hospital and Year of Opening	Project Title	Project Description	Project Completion
	Refurbishment and improvement to Block A, C, E, G and H in Queen Elizabeth Hospital	Provision of air-conditioning to all wards in Blocks A, C, E, G and H as well as waiting areas and lift lobbies between wards and lecture room in Block A; provision of replacement chillers serving operating theatres and offices and new switchboards; enhancement of electricity supply; repairs to external and internal building finishes; replacement of windows, ceiling and flooring; upgrading of fittings and facilities in wards; improvement to plumbing and drainage; replacement of signage and graphics; removal of asbestos insulated pipework; provision of communal aerial broadcasting distribution and radio distribution systems; improvement to bedhead trunking, nurse call system, general lighting and power supply in wards; replacement of lifts; and upgrading of fire services, medical gas and steam installations.	1996
	Redevelopment of Specialist Out-patient Clinic in the Queen Elizabeth Hospital	Construction of a new Specialist Out-patient Clinic building to provide 82 consultation rooms, proper waiting areas and improved support facilities, including X-ray services, medical record system, minor operating theatres, out-patient pharmacy, radio-diagnostic unit, dietetic unit and offices for medical social workers.	1997
	Redevelopment of the operating theatre block and the rehabilitation block in Queen Elizabeth Hospital	Redevelopment of existing Block D into a new operating theatre block with 22 operating theatres, a theatre supply department, a central sterile supply department, 30 recovery beds, a burns unit and offices; and construction of a new rehabilitation block accommodating a physiotherapy department, an orthotic and prosthetic department, an occupational therapy department, an exercise and patient activity area and offices.	1999

Hospital and Year of Opening	Project Title	Project Description	Project Completion
United Christian Hospital (1973)	United Christian Hospital Extension	Construction of an extension to provide 760 additional beds and to upgrade its existing para-medical and ancillary facilities to cope with the expansion.	1998
	Provision of additional lifts and associated works at Block S of United Christian Hospital	Provision of four additional lifts and associated works at Block S.	2006
Princess Margaret Hospital (1975)	Princess Margaret Hospital - improvements to Blocks A and B	For Blocks A and B, upgrading of building services installations, including air-conditioning of wards, improvements to general lighting and power supply in wards, replacement of lifts and upgrading of fire services, medical gas and steam installations; refurbishment of the building elements, including replacement of internal and external building finishes, windows, ceiling and flooring, upgrading of fittings and facilities in wards and improvements to plumbing and drainage; and improvements and conversion works to meet the specific requirements of new facilities such as day-care services.	1997

Hospital and Year of Opening	Project Title	Project Description	Project Completion
	Princess Margaret Hospital - extension block and improvements to Blocks C, D, E and F	<p>Construction of an extension block together with a link bridge to provide additional accommodation for the Pathology Department, Medical Records Office and to provide a Patient Care Centre, a staff canteen, staff common rooms and offices.</p> <p>For Blocks C, D, E and F, upgrading of building services installations, including air-conditioning of wards, improvements to general lighting and power supply in wards, replacement of lifts and upgrading of fire services, medical gas and steam installations; refurbishment of the building elements, including replacement of internal and external building finishes, windows, ceiling and flooring, upgrading of fittings and facilities in wards and improvements to plumbing and drainage; and improvements and conversion works to meet the specific requirements of new facilities such as central endoscopy, intermediate intensive care, private patient care and 'B' class wards.</p>	1998
	Reprovisioning of South Kwai Chung Specialist Out-patient Clinic	Redevelopment of an existing four-storey staff quarters building within the Princess Margaret Hospital for the construction of a new ten-storey specialist out-patient clinic block with 72 consultation rooms and supporting facilities including operating theatres for minor surgeries, out-patient pharmacy, rehabilitation facilities, radiodiagnostic unit, medical record store, offices for medical social workers and other administrative staff.	1999

Hospital and Year of Opening	Project Title	Project Description	Project Completion
	Establishment of a Radiotherapy Centre and redevelopment of the Accident and Emergency Department at Princess Margaret Hospital	Redevelopment of the existing A&E Block for the reconstruction of a new building to accommodate a Radiotherapy Centre, an expanded and upgraded A&E Department, and the reprovisioning of other facilities in the existing A&E Block.	2005
	Construction of a new infectious disease centre attached to Princess Margaret Hospital	Construction of an infectious disease centre to provide 108 isolation beds, a procedure room, radio-diagnostic imaging facilities, a clinical laboratory, staff infection control facilities, an Office of the Infection Control Branch of the Centre for Health Protection, and other supporting and ancillary facilities; the upgrading of the facilities of the existing mortuary in the Main Block; and the construction of a link bridge.	2007
Prince of Wales Hospital (1984)	Prince of Wales Hospital - expansion and reprovisioning of facilities - phase I	Expansion of the delivery suite from 10 to 14 delivery beds with addition of one operation theatre; and reprovisioning of the office of Obstetrics and Gynaecology Department.	1993
	Prince of Wales Hospital - expansion and reprovisioning of facilities - phase II	Expansion of the Li Ka Shing Specialist Clinic by constructing an additional floor on top of the existing four-level building to provide twelve additional consultation rooms.	1996
	Installation of additional lifts at the Prince of Wales Hospital	Provision of four additional lifts.	1995
	Prince of Wales Hospital - New Specialist Out-patient Clinic Building	Construction of a new specialist out-patient clinic building next to the existing Li Ka Shing Specialist Clinic to provide 70 additional consultation rooms.	1997

Hospital and Year of Opening	Project Title	Project Description	Project Completion
Tuen Mun Hospital (1990)	Remodelling of the Tuen Mun Polyclinic Building for the establishment of an ophthalmic centre	Refurbishment of the vacant premises of the Tuen Mun Polyclinic Building for accommodating an ophthalmic centre with 12 consultation rooms, three operating theatres, a pharmacy and other supporting facilities; and upgrading of the existing building services, including the construction of eight new plant rooms.	2005
	Redevelopment of staff quarters for the establishment of a rehabilitation block at Tuen Mun Hospital	Redevelopment of Staff Quarters Blocks B and C for the construction of a 12-storey rehabilitation block to accommodate 512 convalescent / rehabilitation beds; a day rehabilitation unit with a capacity of 155 places; related integrated rehabilitation and social support facilities; clinical support facilities including radiology unit, pharmacy, electrophysiological studies unit; as well as hospital administration and other support facilities.	2007
Pamela Youde Nethersole Eastern Hospital (1993)	Improvement of facilities in the Specialist Outpatient Block of Pamela Youde Nethersole Eastern Hospital	Provision of two passenger lifts; installation of two dumb-waiters; provision of satellite X-ray facilities; conversion of the upper entry level of the Specialist Out-patient Block into office accommodation; improvements to the existing air-conditioning system; and provision of eight additional public toilets.	2007