

**ITEM FOR PUBLIC WORKS SUBCOMMITTEE  
OF FINANCE COMMITTEE**

**HEAD 708 – CAPITAL SUBVENTIONS AND MAJOR SYSTEMS  
AND EQUIPMENT**

**Education Subventions**

**30EC – Construction works for schools in the final phase of the School  
Improvement Programme**

Members are invited to recommend to Finance  
Committee –

- (a) the upgrading of part of **30EC**, entitled  
“Construction works for schools in the final phase  
of the School Improvement Programme (batch  
4A)”, to Category A at an estimated cost of  
\$735.7 million in money-of-the-day prices for the  
improvement works to be undertaken by the  
Architectural Services Department;
- (b) the upgrading of another part of **30EC**, entitled  
“Construction works for schools in the final phase  
of the School Improvement Programme  
(batch 4B)”, to Category A at an estimated cost of  
\$840.3 million in money-of-the-day prices for the  
improvement works to be undertaken by  
individual schools with government subventions;  
and

/(c) .....

- (c) the retention of the remainder of 30EC in Category B.

## PROBLEM

Many of the existing public sector schools in Hong Kong were built to old planning standards which cannot meet the requirements arising from the changes in curriculum and teaching methods in recent years. These schools require additional space and facilities in order to meet the current standards.

## PROPOSAL

2. The Director of Education, on the advice of the Director of Architectural Services (D Arch S) and with the support of the Secretary for Education and Manpower, proposes to upgrade part of 30EC to Category A at an estimated total cost of \$1,576 million in money-of-the-day (MOD) prices –

|   | <b>Project estimate<br/>\$ million<br/>(MOD)</b> |
|---|--|
| (a) Batch 4A – For improvement works to be carried out by the Architectural Services Department (Arch SD mode) for 26 aided schools (three secondary, 20 primary and three special schools) | 735.7  |
| (b) Batch 4B – For improvement works to be carried out by 24 aided schools (12 secondary, nine primary and three special schools) with government subventions (self-delivery mode)          | 840.3  |
| Total   | 1,576.0  |

**/PROJECT .....**

**PROJECT SCOPE AND NATURE**

3. We propose to upgrade facilities of schools in the final phase of the School Improvement Programme (SIP) to the year 2000 school design as far as practicable within a budget ceiling. As a general guide, the budget ceiling<sup>1</sup> for each school (inclusive of consultancy fees, furniture and equipment, and other related costs) is set at 42% of the average cost of construction of a new school of the same type and size, based on a consultancy review on the cost effectiveness of the SIP conducted in 2000. The budget ceiling for the schools covered in batches 4A and 4B of the SIP is within the 42% yardstick, except for Canossa School (Hong Kong)<sup>2</sup> under batch 4A.

4. The full scope of works for schools<sup>3</sup> in the final phase of the SIP includes the following facilities –

(a) Core items

These are items required by statute or are essential to maintaining quality teaching and learning activities and should be fully covered in all the SIP projects as far as practicable. The core items include additional classrooms to meet various policy objectives, a computer-assisted learning (CAL) room, a language room, staff rooms, library (for primary schools) and, if necessary, a transformer room. A school which cannot include all core items will be classified as a special case for individual consideration.

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<sup>1</sup> The budget ceiling for the SIP purposes for a secondary school with 30 classrooms is \$41.9 million while that for a primary school of 30 classrooms is \$34.9 million.

<sup>2</sup> The estimated project cost for the school is \$62 million which is \$21 million above the budget ceiling of \$41 million for a 36-classroom primary school. The addition cost is required to add 12 new classrooms to the school for conversion of the 24-classroom bi-sessional school for whole-day primary schooling in one go.

<sup>3</sup> Facilities provided to special schools will follow the same principles as those for both secondary and primary schools. As the needs for special schools will vary depending on the nature of their respective services, we have consulted the special schools to agree on the facilities to be provided.

(b) Other items

Schools will be allowed to prioritise, within the budget ceiling, their requirements for other items in the schedule of accommodation for the year 2000 school design, on top of the facilities mentioned in (a) above. These items can include additional classrooms, a preparation room for CAL, a multi-purpose room, small group teaching rooms, a student activity centre, a guidance activity room, interview rooms, a conference room, a staff common room, a deputy principal's office, a school social worker's office, a discipline master's office, and a multi-purpose area.

5. The scope of work for each of the 26 schools under batch 4A and 24 schools under batch 4B is shown at Enclosures 1 and 2 respectively. We plan to start construction works for most of the schools in the two batches in mid-2003. Works will be staggered over time for completion by mid-2005 for most schools. To enable schools to be upgraded to the year 2000 design standards as far as practicable within the budget ceiling, we will provide flexibility to schools to supplement the project scope with optional items which, depending on the tender prices, may actually be ordered if affordable within the 42% budget ceiling.

## JUSTIFICATION

6. The SIP was one of the recommendations in the Education Commission Report No. 5. It involves some 850 existing schools. The proposed improvement works, when completed, will provide additional space and updated facilities to meet current requirements of teaching, out-of-class and supporting activities for both teachers and students.

7. To provide an alternative means to deliver the SIP and to provide flexibility to schools in the final phase of the SIP, we gave schools an option to carry out the pre-contract works and improvement works on their own, with government subventions. Schools taking up this option will enter into contracts with their own consultants and contractors. Under this option, D Arch S will mainly be responsible for –

- (a) vetting the feasibility study report to ensure that the project is able to deliver the SIP requirements within a reasonable project estimates;

/(b) .....

- (b) vetting the tender report based on which government subventions will be determined (having regard to the budget ceiling explained in paragraph 3 above); and
- (c) conducting final site inspection to ensure delivery of items in the contract which the Government has agreed to fund.

8. Improvement works for 379 schools have already been completed with works in progress for another 128 schools, under phases 1 to 4 of the SIP. On 9 February 2001, Finance Committee gave approval under **28EC** for the engagement of consultants to carry out pre-construction works for the remaining 342 schools in the final phase of the SIP. Since then, 25 schools have withdrawn from the programme; two schools were reinstated with changes in circumstances; and five schools were considered non-feasible, leaving a total of 314 schools in the final phase. Of these, improvement works for 260 schools will be conducted under the Arch SD mode and the remaining 54 by schools which have opted for the self-delivery mode.

9. On 27 February, 3 April and 26 June 2002, this Subcommittee recommended to upgrade parts of **30EC** to Category A so as to proceed with the first three batches of 153 schools in the final phase of the SIP under the Arch SD mode and 18 schools under self-delivery mode. The feasibility studies of the 26 schools under batch 4A and the 24 schools under batch 4B have now been completed and improvement works for them are considered technically feasible. Detailed designs are in progress. We now seek funding to proceed with the improvement works for these 50 schools.

10. Feasibility studies for the remaining 81 schools under the Arch SD mode and 12 schools under self-delivery mode are in progress. We expect the feasibility studies for the majority of the remaining schools to be completed by end-2002. However, feasibility studies for a small number of technically difficult cases may not be completed until mid-2003. We will seek funding for these remaining schools in batches as and when the improvement works are confirmed to be technically feasible. Our target is still to complete all improvement works under the SIP by the end of the school year 2004/05.

## **FINANCIAL IMPLICATIONS**

11. We estimate the capital cost of implementing the works, including consultants' fees for the construction stage, to be \$735.7 million for batch 4A and \$840.3 million for batch 4B in MOD prices (see paragraph 15 below), made up as follows –

/(a) .....

|  | <b>\$ million</b> |                 |                            |
|--|-------------------|-----------------|----------------------------|
|  | <b>Batch 4A</b>   | <b>Batch 4B</b> |                            |
| (a) Site formation                       | 26.4              | 17.1            |                            |
| (b) Sub-structure                        | 88.7              | 103.7           |                            |
| (c) Building                             | 258.9             | 406.2           |                            |
| (d) Building services                    | 175.1             | 153.1           |                            |
| (e) Drainage and external works          | 45.7              | 31.3            |                            |
| (f) Furniture and equipment <sup>4</sup> | 43.1              | 41.7            |                            |
| (g) Cabling and computer relocation      | 4.1               | 4.5             |                            |
| (h) Consultants' fees for –              | 64.0              | 48.7            |                            |
| (i) Contract administration              | 12.8              | 19.5            |                            |
| (ii) Project management                  | 7.7               | –               |                            |
| (iii) Site supervision staff cost        | 43.5              | 27.0            |                            |
| (iv) Out-of-pocket expenses              | –                 | 2.2             |                            |
| (i) Contingencies                        | 35.3              | 40.3            |                            |
| Sub-total                                | 741.3             | 846.6           | (in September 2002 prices) |
| (j) Provision for price adjustment       | (5.6)             | (6.3)           |                            |
| Total                                    | 735.7             | 840.3           | (in MOD prices)            |

12. The figures given for batch 4B are based on the estimates prepared by the schools concerned, which have been vetted by D Arch S. He considers the

/estimated .....

<sup>4</sup> Based on the standard furniture and equipment to be provided for the additional rooms.

estimated project costs of batches 4A and 4B reasonable as compared with similar projects implemented under previous phases of the SIP.

13. Due to insufficient in-house staff resources, D Arch S proposes to engage consultants to carry out contract administration, project management and site supervision for the schools under batch 4A. The consultants' fees for the works during the construction stage form an optional part of the lump-sum prices quoted by the consultants selected to carry out the pre-construction works as mentioned in paragraph 8 of the paper. Subject to Members' approval to part upgrade 30EC for batch 4A, D Arch S will direct the necessary works to be carried out.

14. The consultants' fees for the works under batch 4B during the construction stage form an optional part of the lump-sum prices quoted by the consultants selected to carry out the pre-construction works as mentioned in paragraph 8 of the paper for the schools under the self-delivery mode. The consultants shall not proceed to perform any services pertaining to the construction stage without the written authority of the schools. Subject to Members' approval to part upgrade 30EC for batch 4B, the schools under the self-delivery mode will direct the necessary works to be carried out. Out-of-pocket expenses are the actual costs incurred. The consultants are not entitled to any additional payment for the overheads or profit in respect of these out-of-pocket items.

15. Subject to approval, we will phase the expenditure as follows –

| Year      | \$ million<br>(Sept 2002) |              | Price<br>adjustment<br>factor | \$ million<br>(MOD) |              |
|-----------|---------------------------|--------------|-------------------------------|---------------------|--------------|
|           | Batch 4A                  | Batch 4B     |                               | Batch 4A            | Batch 4B     |
| 2003 – 04 | 122.7                     | 218.7        | 0.99250                       | 121.8               | 217.1        |
| 2004 – 05 | 234.0                     | 454.6        | 0.99250                       | 232.2               | 451.2        |
| 2005 – 06 | 328.5                     | 122.6        | 0.99250                       | 326.0               | 121.7        |
| 2006 – 07 | 41.9                      | 37.4         | 0.99250                       | 41.6                | 37.1         |
| 2007 – 08 | 14.2                      | 13.3         | 0.99250                       | 14.1                | 13.2         |
|           | <u>741.3</u>              | <u>846.6</u> |                               | <u>735.7</u>        | <u>840.3</u> |

16. We derived the MOD estimates on the basis of the Government's latest forecast of trend labour and construction prices for the period from 2003 to 2008. D Arch S will deliver the works with contract period of 21 months or less through fixed-price lump-sum contracts because we can clearly define the scope of works in advance, leaving little room for uncertainty. For works with contract period over 21 months, the contract will be subject to price fluctuation in line with current Government practice. This practice for works contract period over 21 months does not apply to schools under the self-delivery mode since they will undertake their own contractual arrangements. Subject to Members' approval to part upgrade 30EC for batch 4B, they will deliver the works through a fixed-price lump-sum contract because they can clearly define the scope of works in advance, leaving little room for uncertainty.

17. We estimate the additional annual recurrent expenditure for batches 4A and 4B to be \$9.4 million and \$10.4 million respectively. These include staff costs of additional janitors, and costs of maintenance and electricity of additional lifts and rooms.

## **PUBLIC CONSULTATION**

18. At a motion debate in May 2000, Legislative Council Members urged the Government to complete improvement works for all schools remaining in the SIP as soon as possible. At a workshop held by the Education Department in August 2000, most of the major school sponsoring organisations welcomed the implementation of the final phase of the SIP and supported the proposal to give schools an option to appoint their own consultants and contractors to carry out the improvement works with government subventions.

## **ENVIRONMENTAL IMPLICATIONS**

19. Improvement works for the schools in batches 4A and 4B will not cause any long-term adverse environmental impact. For those additional rooms in schools subject to adverse noise impact, window insulation and air-conditioning will be provided as recommended in the Noise Abatement Measure in school programme at an estimated cost of \$10.8 million and \$7.1 million for batches 4A and 4B respectively. We have included these amounts as part of the building services in the project estimates.



20. During construction, D Arch S and schools under the self-delivery mode will control noise, dust and site run-off nuisances to within established standards and guidelines through the implementation of mitigation measures in the relevant contracts. These include the use of silencers, mufflers, acoustic lining or shields for noisy construction activities, frequent cleaning and watering of the site, and the provision of wheel-washing facilities.

21. At the planning and design stages, D Arch S has considered measures to reduce the generation of construction and demolition (C&D) materials. D Arch S has introduced more prefabricated building elements into the school designs to reduce temporary formwork and construction waste. These include dry-wall partitioning and proprietary fittings and fixtures. Suitable excavated materials will be used for filling within the sites to minimise off-site disposal. In addition, D Arch S will require the contractors to use metal site hoardings and signboards so that these materials can be recycled or reused in other projects. Schools under batch 4B will require their contractors to adopt similar measures.

22. D Arch S will require the contractors to submit waste management plans (WMPs) for approval. The WMPs will include appropriate mitigation measures to avoid, reduce, reuse and recycle C&D materials. D Arch S will ensure that the day-to-day operations on sites comply with the approved WMPs. He will control the disposal of public fill and C&D waste to designated public filling facilities and landfills respectively through a trip-ticket system. The contractors will be required to separate public fill from C&D waste for disposal at appropriate facilities. D Arch S will record the disposal, reuse and recycling of C&D materials for monitoring purposes. Schools under batch 4B will require their contractors to adopt similar measures on waste management. We estimate the volume of C&D materials to be generated by batches 4A and 4B to be as follows –

| Batch no. | Total C&D materials generated | C&D materials reused/recycled at site |    | C&D materials to public filling areas <sup>5</sup> |    | C&D materials to landfills |    |
|-----------|-------------------------------|---------------------------------------|----|--|----|----------------------------|----|
|           |                               | m <sup>3</sup>                        | %  | m <sup>3</sup>                                     | %  | m <sup>3</sup>             | %  |
| Batch 4A  | 5 180                         | 1 036                                 | 20 | 3 367  | 65 | 777                        | 15 |
| Batch 4B  | 4 782                         | 956                                   | 20 | 3 108  | 65 | 718                        | 15 |

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<sup>5</sup> A public filling area is a designated part of a development project that accepts public fill for reclamation purpose. Disposal of public fill in a public filling area requires a licence issued by the Director of Civil Engineering.

The notional cost of accommodating C&D waste at landfill sites is estimated to be \$97,125 for batch 4A and \$89,750 for batch 4B (based on a notional unit cost<sup>6</sup> of \$125/m<sup>3</sup>).

## LAND ACQUISITION

23. The proposed works does not require land acquisition.

## BACKGROUND INFORMATION

24. A consultancy review on the cost-effectiveness of the SIP was completed in 2000. The review concluded that the SIP could be delivered cost-effectively. It recommended two guidelines for determining whether a school should be included in the SIP. Firstly, the cost of improvement works should not normally be more than 42% of the average construction cost of a new school of the same type and size. Secondly, the average construction cost per square metre for the additional net floor area (NFA) to be provided through the SIP should not be higher than a “trend line” as illustrated below –

| <b>Additional NFA provided</b> | <b>Cost per m<sup>2</sup><br/>(at 2000 price level)</b> |
|--------------------------------|---|
| 1 400 m <sup>2</sup>           | \$30,000  |
| 1 000 m <sup>2</sup>           | \$42,000  |
| 600 m <sup>2</sup>             | \$52,000  |

If the SIP project estimate exceeds the 42% threshold or if the average cost per NFA is way above the “trend line”, it will be necessary to bring down the project cost by adjusting the scope of works. In exceptional circumstances, we may exceed the threshold to take account of such considerations as land issues, age and condition of buildings, and educational factors.

25. We estimate that the proposed works will create the following job opportunities during the construction period –

/Batch .....

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<sup>6</sup> This estimate has taken into account the cost for developing, operating and restoring the landfill after they are filled and the aftercare required. It does not include the land opportunity cost for existing landfill sites (which is estimated at \$90/m<sup>3</sup>), nor the cost to provide new landfills (which are likely to be more expensive) when the existing ones are filled. The notional cost estimate is for reference only and does not form part of this project estimate.

| <b>Batch no.</b> | <b>Professional staff</b> | <b>Technical staff</b> | <b>Labourers</b> | <b>Total no. of jobs</b> | <b>Total man-months</b> |
|------------------|---------------------------|------------------------|------------------|--------------------------|-------------------------|
| Batch 4A         | 30                        | 60                     | 755              | 845                      | 15 000                  |
| Batch 4B         | 40                        | 75                     | 1 045            | 1 160                    | 19 800                  |

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Education and Manpower Bureau  
October 2002

**30EC – Construction works for schools in the final phase of the School Improvement Programme (batch 4A)**

**(a) Improvement works to be provided to three aided secondary schools**

|   | School name               | Core items |                                       |               |            | Other items          |                          |                    |                           |                         |                        |                |                 |                   |                           |                               | Other Y2K facilities (no. of rooms) |                            |
|---|---------------------------|------------|---------------------------------------|---------------|------------|----------------------|--------------------------|--------------------|---------------------------|-------------------------|------------------------|----------------|-----------------|-------------------|---------------------------|-------------------------------|-------------------------------------|----------------------------|
|   |                           | Classroom  | Computer-assisted learning (CAL) room | Language room | Staff room | Additional classroom | Preparation room for CAL | Multi-purpose room | Small group teaching room | Student activity centre | Guidance activity room | Interview room | Conference room | Staff common room | Deputy principal's office | School social worker's office |                                     | Discipline master's office |
| 1 | Salesian English School   | 0          | 1                                     | 0             | 1          | 0                    | 1                        | 0                  | 0                         | 0                       | 0                      | 0              | 0               | 1                 | 0                         | 0                             | 0                                   | 0                          |
| 2 | St. Paul's Convent School | 0          | 1                                     | 1             | 1          | 0                    | 1                        | 1                  | 3                         | 1                       | 1                      | 0              | 0               | 1                 | 0                         | 0                             | 1                                   | 1                          |
| 3 | St. Stephen's College     | 0          | 1                                     | 1             | 0          | 0                    | 1                        | 1                  | 2                         | 1                       | 1                      | 2              | 1               | 1                 | 0                         | 0                             | 1                                   | 1                          |

**(b) Improvement works to be provided to 20 aided primary schools**

|    | School name   | Core items |                                       |               |            |         | Other items          |                          |                    |                           |                         |                        |                |                 |                   |                            |                                 | Other Y2K facilities (no. of rooms) |                            |                    |
|----|---|------------|---------------------------------------|---------------|------------|---------|----------------------|--------------------------|--------------------|---------------------------|-------------------------|------------------------|----------------|-----------------|-------------------|----------------------------|---------------------------------|-------------------------------------|----------------------------|--------------------|
|    |   | Classroom  | Computer-assisted learning (CAL) room | Language room | Staff room | Library | Additional classroom | Preparation room for CAL | Multi-purpose room | Small group teaching room | Student activity centre | Guidance activity room | Interview room | Conference room | Staff common room | Deputy headmaster's office | Student guidance officer's room |                                     | Discipline master's office | Multi-purpose area |
| 1  | Canossa School (Hong Kong)  | 12         | 2                                     | 1             | 1          | 1       | 0                    | 1                        | 3                  | 4                         | 1                       | 0                      | 2              | 1               | 1                 | 1                          | 1                               | 1                                   | 1                          | 3                  |
| 2  | Chow Clansmen Association School  | 0          | 1                                     | 1             | 1          | 1       | 0                    | 1                        | 0                  | 0                         | 0                       | 1                      | 1              | 0               | 1                 | 1                          | 1                               | 1                                   | 1                          | 0                  |
| 3  | CUHK Federation of Alumni Association Thomas Cheung School                            | 0          | 1                                     | 1             | 1          | 1       | 0                    | 1                        | 1                  | 4                         | 1                       | 1                      | 2              | 1               | 1                 | 1                          | 1                               | 1                                   | 1                          | 2                  |
| 4  | Diocesan Preparatory School   | 0          | 1                                     | 1             | 1          | 0       | 0                    | 0                        | 1                  | 0                         | 0                       | 1                      | 1              | 1               | 1                 | 1                          | 1                               | 0                                   | 1                          | 1                  |
| 5  | Faith Lutheran School   | 0          | 1                                     | 1             | 1          | 1       | 0                    | 0                        | 0                  | 1                         | 1                       | 0                      | 0              | 0               | 1                 | 0                          | 1                               | 0                                   | 0                          | 0                  |
| 6  | Hong Kong Cheung Shi Clansmen's Association Cheung Chi Cheong Memorial Primary School | 0          | 1                                     | 1             | 0          | 1       | 0                    | 0                        | 0                  | 0                         | 1                       | 0                      | 2              | 0               | 1                 | 0                          | 0                               | 0                                   | 0                          | 3                  |
| 7  | Hong Kong Municipal Services General Staff Association Sha Kok Primary School         | 0          | 1                                     | 1             | 1          | 1       | 0                    | 1                        | 1                  | 4                         | 1                       | 1                      | 2              | 1               | 1                 | 1                          | 1                               | 1                                   | 1                          | 5                  |
| 8  | Hong Kong Vernacular Normal School Alumni Association School                          | 0          | 1                                     | 1             | 1          | 1       | 0                    | 1                        | 1                  | 0                         | 0                       | 0                      | 1              | 1               | 1                 | 1                          | 1                               | 0                                   | 1                          | 0                  |
| 9  | Kow Kong Commercial Association School  | 0          | 1                                     | 1             | 1          | 1       | 0                    | 0                        | 0                  | 2                         | 1                       | 0                      | 0              | 0               | 0                 | 0                          | 0                               | 0                                   | 0                          | 1                  |
| 10 | Kwai Chung Public School  | 0          | 1                                     | 1             | 1          | 1       | 0                    | 0                        | 0                  | 0                         | 0                       | 0                      | 0              | 0               | 0                 | 0                          | 0                               | 0                                   | 0                          | 0                  |
| 11 | Lingnan University Alumni Association Primary School                                  | 0          | 1                                     | 1             | 0          | 1       | 0                    | 1                        | 0                  | 3                         | 1                       | 0                      | 1              | 1               | 1                 | 0                          | 0                               | 0                                   | 0                          | 1                  |
| 12 | Lok Sin Tong Chan Cho Chak Primary School   | 0          | 1                                     | 1             | 1          | 1       | 0                    | 1                        | 1                  | 1                         | 1                       | 1                      | 2              | 1               | 1                 | 1                          | 1                               | 1                                   | 0                          | 1                  |
| 13 | Lok Sin Tong Lau Sai Yan Primary School   | 0          | 1                                     | 1             | 0          | 1       | 0                    | 1                        | 0                  | 2                         | 1                       | 0                      | 0              | 1               | 1                 | 0                          | 0                               | 1                                   | 0                          | 2                  |

|    | School name  | Core items |                                       |               |            |         | Other items          |                          |                    |                           |                         |                        |                |                 |                   |                            |                                 | Other Y2K facilities (no. of rooms) |                            |                    |   |   |
|----|--|------------|---------------------------------------|---------------|------------|---------|----------------------|--------------------------|--------------------|---------------------------|-------------------------|------------------------|----------------|-----------------|-------------------|----------------------------|---------------------------------|-------------------------------------|----------------------------|--------------------|---|---|
|    |  | Classroom  | Computer-assisted learning (CAL) room | Language room | Staff room | Library | Additional classroom | Preparation room for CAL | Multi-purpose room | Small group teaching room | Student activity centre | Guidance activity room | Interview room | Conference room | Staff common room | Deputy headmaster's office | Student guidance officer's room |                                     | Discipline master's office | Multi-purpose area |   |   |
| 14 | Lung Kong World Federation School Limited Lau Tak Yung Memorial Primary School | 0          | 1                                     | 1             | 1          | 1       | 0                    | 1                        | 1                  | 1                         | 1                       | 0                      | 1              | 1               | 1                 | 1                          | 1                               | 1                                   | 1                          | 1                  | 1 | 1 |
| 15 | Sheng Kung Hui Kei Hin Primary School  | 0          | 1                                     | 1             | 1          | 1       | 0                    | 1                        | 1                  | 2                         | 1                       | 0                      | 1              | 1               | 1                 | 1                          | 1                               | 1                                   | 1                          | 1                  | 1 | 2 |
| 16 | Salesian School  | 0          | 1                                     | 1             | 0          | 0       | 0                    | 1                        | 1                  | 1                         | 0                       | 1                      | 0              | 0               | 0                 | 0                          | 0                               | 0                                   | 0                          | 0                  | 0 | 0 |
| 17 | Shatin Public Mei Lam Primary School   | 0          | 1                                     | 1             | 0          | 1       | 0                    | 1                        | 1                  | 3                         | 1                       | 1                      | 1              | 1               | 1                 | 1                          | 1                               | 1                                   | 1                          | 0                  | 0 | 0 |
| 18 | Shatin Tsung Tsin School   | 0          | 1                                     | 1             | 1          | 1       | 0                    | 1                        | 1                  | 0                         | 1                       | 0                      | 2              | 0               | 1                 | 1                          | 1                               | 1                                   | 1                          | 0                  | 3 | 3 |
| 19 | Yan Chai Hospital Chan Iu Seng Primary School                                  | 0          | 1                                     | 1             | 1          | 1       | 0                    | 1                        | 1                  | 2                         | 1                       | 1                      | 2              | 1               | 1                 | 1                          | 0                               | 1                                   | 1                          | 2                  | 2 | 2 |
| 20 | Yaumati Kaifong Association School   | 0          | 1                                     | 1             | 1          | 1       | 0                    | 0                        | 1                  | 1                         | 0                       | 1                      | 0              | 0               | 1                 | 1                          | 0                               | 0                                   | 0                          | 0                  | 0 | 0 |

## (c) Improvement works to be provided to three aided special schools

|   | School name                     | Core items                            |                     | Other items in standard schedule of accommodation |                               |  |                        |                    |                          |                    |                               |                    |
|---|---------------------------------|---------------------------------------|---------------------|---|-------------------------------|--|------------------------|--------------------|--------------------------|--------------------|-------------------------------|--------------------|
|   |                                 | Computer-assisted learning (CAL) room | Speech therapy room | Discipline master's office                        | Staff room                    | Preparation room for computer subjects | Social worker's office | Interview room     | Multi-purpose room       | Multi-purpose area | Integrated science laboratory |                    |
| 1 | Hong Kong School for the Deaf   | 1                                     | 1                   | 1   | 1                             | 1                                      | 2                      | 2                  | 1                        | 1                  | 1                             |                    |
| 2 | The Jockey Club Hong Chi School | CAL room                              |                     | Student activity centre                           | Printing room                 | Conference room                        | Pantry                 | Interview room     | Preparation room for CAL | Staff common room  | Staff room                    | Multi-purpose area |
|   |                                 | 1                                     |                     | 1   | 1                             | 1                                      | 1                      | 2                  | 1                        | 1                  | 1                             | 1                  |
| 3 | The John F. Kennedy Centre      |                                       |                     | Staff room  | Multi-purpose room with store | Preparation room for CAL               | Interview room         | Multi-purpose area | Room for the caretaker   | P.E. Store         | Covered playground            | Printing room      |
|   |                                 |                                       |                     | 1   | 1                             | 1                                      | 1                      | 1                  | 1                        | 1                  | 1                             | 1                  |

Note: The scope of works for special schools varies with the school types to meet the specific needs of the students.

### 30EC – Construction works for schools in the final phase of the School Improvement Programme (batch 4B)

#### (a) Improvement works to be provided to 12 aided secondary schools

|    | School name   | Core items |                                       |               |            | Other items          |                          |                    |                           |                         |                        |                |                 |                   |                           |                               |                            |                    | Other Y2K facilities (no. of rooms) |
|----|---|------------|---------------------------------------|---------------|------------|----------------------|--------------------------|--------------------|---------------------------|-------------------------|------------------------|----------------|-----------------|-------------------|---------------------------|-------------------------------|----------------------------|--------------------|-------------------------------------|
|    |   | Classroom  | Computer-assisted learning (CAL) room | Language room | Staff room | Additional classroom | Preparation room for CAL | Multi-purpose room | Small group teaching room | Student activity centre | Guidance activity room | Interview room | Conference room | Staff common room | Deputy principal's office | School social worker's office | Discipline master's office | Multi-purpose area |                                     |
| 1  | Diocesan Boys' School                                       | 0          | 1                                     | 1             | 2          | 4                    | 1                        | 1                  | 0                         | 1                       | 0                      | 0              | 1               | 1                 | 0                         | 1                             | 0                          | 1                  | 4                                   |
| 2  | Kowloon True Light Middle School                            | 0          | 1                                     | 0             | 1          | 2                    | 1                        | 1                  | 3                         | 0                       | 1                      | 2              | 1               | 1                 | 1                         | 0                             | 0                          | 1                  | 3                                   |
| 3  | Po Leung Kuk Lee Shing Pik College                          | 0          | 1                                     | 1             | 1          | 3                    | 1                        | 1                  | 3                         | 1                       | 1                      | 2              | 1               | 1                 | 2                         | 1                             | 1                          | 1                  | 0                                   |
| 4  | Po Leung Kuk Ma Kam Ming College                            | 0          | 1                                     | 1             | 1          | 2                    | 1                        | 1                  | 1                         | 1                       | 1                      | 2              | 1               | 1                 | 2                         | 1                             | 1                          | 1                  | 0                                   |
| 5  | Po Leung Kuk Mrs Ma Kam Ming - Cheung Fook Sien College     | 0          | 1                                     | 1             | 1          | 3                    | 1                        | 1                  | 0                         | 1                       | 1                      | 2              | 1               | 1                 | 2                         | 1                             | 1                          | 1                  | 0                                   |
| 6  | St. Paul's Co-ed College                                    | 0          | 1                                     | 1             | 1          | 0                    | 1                        | 1                  | 3                         | 1                       | 1                      | 0              | 0               | 1                 | 2                         | 0                             | 1                          | 1                  | 1                                   |
| 7  | Tung Wah Group of Hospitals Li Ka Shing College             | 0          | 1                                     | 1             | 1          | 4                    | 1                        | 0                  | 3                         | 1                       | 0                      | 2              | 1               | 1                 | 1                         | 0                             | 1                          | 1                  | 1                                   |
| 8  | Tung Wah Group of Hospitals Lui Yun Choy Memorial College   | 0          | 1                                     | 1             | 1          | 0                    | 1                        | 1                  | 3                         | 1                       | 0                      | 1              | 1               | 1                 | 1                         | 1                             | 1                          | 1                  | 0                                   |
| 9  | Tung Wah Group of Hospitals Mrs Fung Wong Fung Ting College | 0          | 1                                     | 1             | 2          | 0                    | 1                        | 1                  | 3                         | 1                       | 1                      | 2              | 1               | 1                 | 2                         | 1                             | 1                          | 1                  | 1                                   |
| 10 | Tung Wah Group of Hospitals S. C. Gaw Memorial College      | 0          | 1                                     | 1             | 1          | 0                    | 1                        | 1                  | 3                         | 1                       | 1                      | 2              | 1               | 1                 | 2                         | 1                             | 1                          | 1                  | 1                                   |
| 11 | Tung Wah Group of Hospitals Wong Fung Ling College          | 0          | 1                                     | 0             | 1          | 1                    | 1                        | 1                  | 2                         | 1                       | 1                      | 2              | 1               | 1                 | 2                         | 1                             | 1                          | 1                  | 0                                   |
| 12 | Wah Yan College Hong Kong                                   | 0          | 1                                     | 1             | 1          | 1                    | 1                        | 1                  | 1                         | 1                       | 0                      | 2              | 0               | 0                 | 0                         | 1                             | 1                          | 1                  | 0                                   |



**(b) Improvement works to be provided to nine aided primary schools**

|   | School name  | Core items |                                       |               |            | Other items |                      |                          |                    |                           |                         |                        |                |                 |                   |                            | Other Y2K facilities (no. of rooms) |                                 |                            |                    |
|---|--|------------|---------------------------------------|---------------|------------|-------------|----------------------|--------------------------|--------------------|---------------------------|-------------------------|------------------------|----------------|-----------------|-------------------|----------------------------|-------------------------------------|---------------------------------|----------------------------|--------------------|
|   |  | Classroom  | Computer-assisted learning (CAL) room | Language room | Staff room | Library     | Additional classroom | Preparation room for CAL | Multi-purpose room | Small group teaching room | Student activity centre | Guidance activity room | Interview room | Conference room | Staff common room | Deputy headmaster's office |                                     | Student guidance officer's room | Discipline master's office | Multi-purpose area |
| 1 | Kwong Yuet Tong Excel Foundation Primary School                      | 0          | 1                                     | 1             | 1          | 1           | 0                    | 1                        | 1                  | 4                         | 1                       | 1                      | 2              | 1               | 1                 | 0                          | 1                                   | 1                               | 1                          | 3                  |
| 2 | Lui Cheung Kwong Lutheran Primary School                             | 0          | 1                                     | 1             | 1          | 1           | 0                    | 1                        | 0                  | 3                         | 1                       | 0                      | 2              | 1               | 1                 | 1                          | 0                                   | 0                               | 0                          | 1                  |
| 3 | Po Leung Kuk Fung Ching Memorial Primary School                      | 0          | 1                                     | 1             | 1          | 1           | 0                    | 1                        | 1                  | 1                         | 1                       | 1                      | 2              | 1               | 1                 | 1                          | 0                                   | 1                               | 1                          | 1                  |
| 4 | Sheng Kung Hui Wei Lun Primary School                                | 0          | 1                                     | 1             | 1          | 1           | 0                    | 1                        | 1                  | 1                         | 1                       | 1                      | 1              | 1               | 1                 | 1                          | 0                                   | 1                               | 1                          | 1                  |
| 5 | The Church of Christ in China Kei Faat Primary School                | 0          | 1                                     | 1             | 1          | 1           | 0                    | 1                        | 1                  | 3                         | 0                       | 1                      | 1              | 1               | 1                 | 0                          | 0                                   | 0                               | 1                          | 0                  |
| 6 | The Church of Christ in China Kei Wan Primary School                 | 0          | 1                                     | 1             | 1          | 1           | 0                    | 1                        | 1                  | 2                         | 1                       | 1                      | 2              | 1               | 0                 | 1                          | 1                                   | 1                               | 1                          | 2                  |
| 7 | Tung Wah Group of Hospitals Li Chi Ho Primary School                 | 0          | 1                                     | 1             | 1          | 1           | 0                    | 1                        | 1                  | 0                         | 1                       | 0                      | 0              | 1               | 1                 | 1                          | 1                                   | 1                               | 0                          | 0                  |
| 8 | Tung Wah Group of Hospitals Tang Shiu Kin Primary School             | 0          | 1                                     | 1             | 1          | 1           | 0                    | 1                        | 1                  | 4                         | 1                       | 0                      | 2              | 1               | 1                 | 1                          | 1                                   | 1                               | 1                          | 1                  |
| 9 | Tung Wah Group of Hospitals Wong Yee Jar Jat Memorial Primary School | 0          | 1                                     | 1             | 2          | 1           | 0                    | 1                        | 1                  | 2                         | 1                       | 1                      | 1              | 1               | 1                 | 0                          | 0                                   | 1                               | 1                          | 1                  |

## (c) Improvement works to be provided to three aided special schools

|   | School name   | Core items |                                       | Other items in standard schedule of accommodation |                           |                          |                           |                           |  |                             |                   |   |                           |                              |               |
|---|---|------------|---------------------------------------|---|---------------------------|--------------------------|---------------------------|---------------------------|--|-----------------------------|-------------------|---|---------------------------|------------------------------|---------------|
|   |   | Classroom  | Computer-assisted learning (CAL) room | Language room                                     | Multi-purpose room        | Preparation room for CAL | Conference room           | Guidance activity room    | Discipline master's office             | Deputy principal's office   | Staff common room | Student activity centre                 | Career master's office    | Printing room                |               |
| 1 | Fortress Hill Methodist School (Skill Opportunity School) | 1          | 1                                     | 1   | 1                         | 1                        | 1                         | 1                         | 1                                      | 1                           | 1                 | 1                                       | 1                         | 1                            |               |
| 2 | Haven of Hope Sunnyside School                            |            |                                       | Classroom   | Small group teaching room | Interview room           | Multi-purpose room        | Multi-media activity room | Preparation room for computer subjects | Art & craft room with store | Staff room        | Conference room                         | Staff common room         | Student activity centre      | Printing room |
|   |   |            |                                       | 2   | 1                         | 2                        | 1                         | 1                         | 1                                      | 1                           | 1                 | 1                                       | 1                         | 1                            | 1             |
| 3 | Po Leung Kuk Mr & Mrs Chan Pak Keung Tsing Yi School      |            |                                       | Staff room  | Preparation room for CAL  | Multi-purpose room       | Small group teaching room | Student activity centre   | Interview room                         | Conference room             | Staff common room | Occupational therapy assistant workshop | Multi-media activity room | Art & design room with store |               |
|   |   |            |                                       | 1   | 1                         | 1                        | 1                         | 1                         | 2                                      | 1                           | 1                 | 1                                       | 1                         | 1                            |               |

Note: The scope of works for special schools varies with the school types to meet the specific needs of the students.