

Mr Bowles. / See Item 6.

BC(63)25

DIRECTOR'S BUILDING COMMITTEE

Minutes of the Meeting held in the Cockcroft Hall
on Wednesday 10th April, 1963.

Present: Mr. T. B. Le Cren (Chairman)
Mr. J. E. Bown
Mr. D. J. Crabb
Mr. G. W. Dixon
Mr. N. N. Ferguson
Mr. R. M. Fishenden
Mr. R. F. Jackson
Dr. J. E. M. Johnston
Mr. A. Cook (Secretary)

Also Present: Mr. P. M. C. Lacey (for item 5)
Dr. D. T. Livey (for items 2(b) and 8)
Mr. C. G. Shaw (S.W.O.)
Mr. A. F. Shephard (for item 4)
Mr. B. S. Smith (for item 9)
Mr. N. G. Stewart (for item 4)
Mr. W. F. Wood (for item 3)

1. Minutes of the meeting held on 13th March, 1963

The Minutes were accepted subject to the following amendments:-

- (i) the date of the meeting should read 13th March, 1963 and not 14th March, 1963;
- (ii) in minute 2(b) the final line should be amended to read "providing the estimate based on tenders was not higher than £9,800";
- (iii) in item 4, 'Stage II' should be deleted from the last sentence.

2. Matters arising from the minutes

(a) Provision of additional Garages and Parking Spaces for Rush Common House (Min. 2(b))

Mr. Shaw reported that a new tender had been received, for the erection of brick garages, at a cost £1,500 below the lowest other tender for prefabricated garages. On the basis of the lowest tenders the total cost of the garages and parking area (in ash finish) would be £6,650, and he recommended that approval be given at this figure. In reply to a question from Mr. Crabb, Mr. Shaw said that the contractor was not interested in tendering for prefabricated garages and it was, therefore, unlikely the cost could be reduced further. He also stated that, from previous experience, S.W.O. considered the price fair and reasonable.

The Committee recommended that London Office approval for the scheme should be sought, at a cost not exceeding £6,650.

(b) New Ceramics Laboratory (Min. 3 and BC(63)11)

It was decided to deal with this item under item 7.

DJC

(c) Terrapins for the Recreational Association (Min. 6 and BC(63)10A)

Mr. Ferguson reported on the progress of these proposals:-

(i) Five Unit, Mark XXIV Terrapins

The Recreational Association had agreed to site these near the Fire Station, Building 346, and an estimate of cost was awaited from Engineering Division.

(ii) One Unit, Mark XXIV Terrapin

The Recreational Association had agreed to site this building also in the area adjoining Building 346.

(iii) One Unit, Mark VII Terrapin for South Sports Field

The Recreational Association had agreed to site this Terrapin on the tarmac beside the garages in Frome Road.

On behalf of the Director and on the Committee's recommendation, the Chairman gave sitting approval to the proposals in (i) to (iii) above.

(d) Southern Works Organisation - New Works in Hand Report dated 4th April, 1963 (Min. 7(b))

Mr. Dixon presented a number of amendments to the reports:

- Building 380.10 - Work would commence in May.
- Building 468.2 - Completion was now hoped for by 16th April.
- Building 521.2 - Phased occupation of this building was being arranged.
- Building 540 - The completion date of this building was given as 1.10.63; this applied to the cyclotron vault only, the whole building would not be complete until 1964.
- Buildings 554 and 775.17 - These would be completed in August and May 1963 respectively.

Mr. Dixon stated that the details given in the report were accurate, and in line with the latest information available.

In discussion, the following points were brought out:-

- (i) Building 525 was virtually complete, and hence had been omitted from the list.
- (ii) The report was confined to those schemes which had come before the D.B.C. It was agreed:-

- (a) That such reports should, in future, include all S.W.O. and W.E.G. schemes and
- (b) That no scheme should be omitted from the report until the client had agreed that it was satisfactorily completed.

3. Resiting of Car Park in Reactor Area (BC(63)18)

Mr. Wood presented a paper seeking siting approval for a temporary cinder park for 28 cars to the East of Building 521.1. He stated that funds were available within the existing approval for Building 521.1, to build a 12-car permanent park, but that the parking requirements in the vicinity of Building 521.1 were considerably greater. The proposed temporary park would serve until they could see more clearly what permanent accommodation would be required. Solid State Physics Division had no objections to the proposal. The cost would be approximately £500.

On behalf of the Director, and on the Committee's recommendation, the Chairman gave siting approval to this proposal, subject to its approval by the Roads Safety Committee.

4. Extension to Building 364 (BC(63)20)

Mr. Stewart presented a paper seeking approval for an extension to the Health Physics Building (Building 364) at an estimated cost of £24,000 (including £4,600 for the satellite telephone exchange).

Mr. Fishenden said that his working party had examined the scheme informally and were satisfied with it, if the Committee approved the proposals for additional areas, set out in paragraph 4.

In discussion the following points were brought out:-

- (i) W.E.G. would check the electrical and mechanical arrangements, and the scheme would be kept constantly under review at meetings with S.W.O.
- (ii) Owing to a misunderstanding, the original price per square foot was taken to include the cost of furniture and fittings, access roads and the link corridor.
- (iii) The extension could be built without the satellite telephone exchange if financial approval of the latter was not forthcoming in time.
- (iv) The estimate was not, in fact, detailed, but a project estimate.

The Committee recommended that stage II approval should be given to the scheme (Scheme A Drawing 364/6/AK/21306) at a cost not exceeding £24,000 (subject to the necessary A.E.A. and Treasury approvals of the telephone exchange proposals, of which the satellite telephone exchange building costing £4,600 formed part). The Chairman said he would raise with the Director the question of whether the scheme need go to the R.G.M.B. for Stage III approval.

5. Proposed Generator House behind Building 392 (BC(63)21)

Mr. Lacey presented a paper seeking approval for the erection of a building behind Building 392, to house a motor-generator set. He stated that funds were already available from the £25,000 authorised for modifications to the high pressure two phase heat transfer rig, but that it was now proposed to install a newly redundant 750 kw motor generator set instead of the 300 kw machine originally envisaged. This would both save money, and produce more power of which use could be made. In reply to a question from the Chairman regarding maintenance costs he said that although the machine was old, it had been little used and had recently been reconditioned for another project; it should therefore be quite reliable. There were three possible buildings:-

- (a) Brick built
- (b) Asbestos sheeting on a steel frame with possible 4" concrete block internal wall for sound absorption.
- (c) Prefabricated "Banbury" building.

The total costs ranged from £1,235 to £1,895.

In discussion, the following points were made:-

- (i) There was no difference in the safety of the various buildings.
- (ii) The building together with existing delay tanks, fuel oil tank and cooling towers, would be visible from the direction of Building 220.
- (iii) It was not expected that the building would be required for more than about five years.
- (iv) A prefabricated building would be cheaper to erect and would have a higher recovery value.

On behalf of the Director and on the Committee's recommendation the Chairman DJC gave approval to the erection of a prefabricated concrete building scheme (c) (Drawing No. S.392/12) at an estimated cost of £1,235.

6. Metering of Mechanical Services to N.I.R.N.S. (BC(63)15)

Mr. Martin presented a paper seeking approval for the installation of metering chambers on the main Mechanical Services to N.I.R.N.S. The additional cost of metering gas and air services would be £400 - £500. The £6,000 requested was based on a project estimate. In reply to a question by Mr. Ferguson, Mr. Crabb stated that N.I.R.N.S. were not prepared to make a contribution to the capital cost, but that they would pay a small annual charge.

The Committee recommended that approval be given to this proposal at a cost not exceeding £6,000 and on behalf of the Director, the Chairman authorised an I.T.P. to be issued.

7. New Ceramics Laboratory

Mr. Dixon reported that a project estimate had now been prepared and the cost was confirmed at £230,000. The programme provided for site clearance to commence on 1st September, 1963, and for completion of all work by 31st May, 1965. It was noted that full financial approval was unlikely before August 1963.

8. Modifications to Building 115, Wantage (BC(63)16)

Mr. Smith presented a paper seeking approval to spend £11,500 on modifications to the heating and ventilation system of Building 115, Wantage Research Laboratory. He stated that there had been difficulties with the system from the first, referred to the engineers' recommendations in the appended report, and said that it cost, at present, $2\frac{1}{2}$ times as much to heat the building as would using a low pressure hot water system.

In the ensuing discussion, the following points were made:-

- (i) There was no satisfactory, cheaper, alternative to the low pressure hot water system.
- (ii) It would involve considerable further expense to substitute a steel chimney for the proposed fibreglass stack.
- (iii) The £11,500 was a project estimate supported by S.W.O. although the allowance factor (contingency) was at the rate of 10% compared with the normal 15%; the figure of £11,500 reflected an overall reduction of £3,000 on the estimate given in the appended report.

DJC The Committee recommended that approval be given to this scheme at a cost not exceeding £11,500 and on behalf of the Director, the Chairman authorised an I.T.P. to be issued.

9. Removal of Sub-Standard Accommodation (EC(63)22)

The Committee considered a report by Mr. Birchall on buildings scheduled for demolition in 1962/63. Action was to be taken on two buildings. The Chairman said he would write :-

(a) to Mr. N. G. Stewart asking him to submit a case for the retention of Building 549 by Health Physics Division, and

TBLC (b) to Mr. C. B. G. Taylor pressing for the clearance of Building 419, presently occupied by the Isotope Production Unit.

10. Amenities for Staff Club 'B' (EC(63)24)

It was decided to defer discussion of this paper until the proposals contained in it had been discussed with the Residents' Committee.

11. Any Other Business

There was no other business.

The next meeting of the Committee will be held in the Conference Room of the Cockcroft Hall on Wednesday 8th May, 1963 at 11.00 a.m.

Alan Cook
Secretary

Finance Branch,
Building 329.
Ext. 2783.

19th April, 1963.