

W. P. Bowles

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R.1.

RLEB/M.41.

Rutherford Laboratory Building Committee

Minutes of the meeting held in Mr. Bowles' Office,
Building R.1. on Monday, 7th May, 1962.

11/13

Present : Mr. P. Bowles - Chairman
Mr. G.W. Dixon
Mr. J.C. Louth
Mr. A. Miller
Mr. M. Snowden
Mr. G.N. Venn
Dr. J.A.V. Willis

In attendance :

Mr. K.H. Choate
Mr. A.H. Fryer
Mr. J.A. Goode
Mr. G.M. Harbert
Mr. D.A. Harrison
Dr. L.C.W. Hobbs
Mr. J.A. Nott
Mr. G.E. Simmonds
Mr. A. Shackelford - Secretary.

Action

1. Minutes of the last meeting - RLEB/M.40.

The minutes of the previous meeting, held in Mr. Bowles' Office on 2nd April were accepted subject to the following corrections :-

Minute 4. P.L.A. Extension; para.2, line 3, should read "--- ready for hand-over by 31.8.62", not 21.8.62. as written.

Minute 5. Mezzanine Floor in R.8; para.4, line 2, should read " --- approved by the Chairman of the G.P.C."

and, para 2, line 1, should read "Part of the upper floor ---".

2. R.2. Extension.

Mr. Harbert reported that he has received tenders for Mechanical services and that tenders for Electrical services are due on Thursday next, 10th May. He is no longer worried about his estimate which can now be confirmed as a Control estimate.

Mr. Nott

Mr. Nott reported on construction progress which is a few days behind the revised programme. No unforeseen snags have arisen and there is no labour shortage, but shortage of carpenters is foreseen as a future difficulty. Mr. Nott pointed out that closure of Chivers' Labour camp at Chilton had complicated the difficulty of recruiting and maintaining an adequate labour force.

Mr. Choate reported that all Civil Contract action was proceeding to programme.

3. Standard Signs.

Committee members expressed their reaction to the specimen signs which had been set in position on R.8. The 'Building No.' sign met with general approval, but the Building entrance sign was criticised on accounts of colour, texture, form of lettering and general workmanship.

Mr. Harrison explained that the specimens had been obtained from the lowest tenderer, the next offer being rather more expensive.

Mr. Harrison The Chairman asked that specimens be obtained of the other types for consideration.

Mr. Choate Mr. Choate and Mr. Harrison will compare the new samples
Mr. Harrison when available.

4. Site Power Supplies.

A.E.R.E. have asked for a slight modification to the siting of the new C.E.G.B. sub-station. The committee notes and agrees this new siting, but observes that this, together with the agreed position for the Atlas Computer Building will complicate any future re-construction of Fermi Avenue as a dual carriageway.

Mr. Dixon Mr. Dixon will examine this position and advise Mr. Bowles later.

5. Roads Construction.

The extent of ponding was discussed and it was agreed that it was not sufficient to justify re-surfacing all site roads.

A scheme has been agreed for the access road to R.1. Extension Laboratories, and construction is about to start.

6. Parasitic Area Extension.

Mr. Miller Mr. Choate reported that his control estimate is ready for issueing, at £53,000. Mr. Miller will issue an I.T.P. on receipt of confirmation of this figure.

7. Plant Store - R.24.

Mr. Choate Mr. Choate's report is complete, but has not yet been circulated.

8. Extension to Workshop Areas - P.84.

Mr. Simmonds presented this paper, which has been circulated, and tabled a drawing showing the proposed lay-out.

Mr. Snowden agreed that the proposals were satisfactory with respect to radiation from the P.L.A. and Dr. Willis agreed that the accommodation to be provided for transport section was satisfactory. The scheme allows provision for future modification to make a rest room for female drivers, although this is not envisaged at present.

Mr. Dixon
Mr. Simmonds

The scheme, as put forward in the drawing tabled, is designed against minimum requirements, but a more elaborate scheme may be desirable to improve the aesthetics of the east end elevation of R.9. Mr. Dixon and Mr. Simmonds will work together to achieve the best possible in this respect.

It was noted that this scheme allows only for existing and immediate future complement of staff, but Dr. Willis anticipates that needs will prove greater than the approved complement allows. Mr. Venn also expressed this view.

Mr. Simmonds
Mr. Choate

It is hoped that the hand operated crane, which will be released by the construction of the mezzanine floor in R.8, can be re-used in this scheme.

Mr. Simmonds

Mr. Snowden asked that Dr. Stafford should be consulted to ensure that the electronics workshop capacity provided in the scheme shall prove adequate to serve P.L.A. requirements in addition to those of other groups.

9. Additional Electrical Services to R.25.

Mr. Simmonds put this paper forward on behalf of Mr. Wilkins, due to the urgency of the case. The paper, which has been circulated, explains the need and urgency for provision of a heavy electrical service to meet immediate experimental requirements at the time of building handover.

This service could not be clearly defined at the time when the case for the building was put forward.

Mr. Miller

It was agreed that this service should proceed and Mr. Miller will obtain the necessary sanction.

10. Water Cooling Scheme for R.25.

Mr. Simmonds described a proposal to erect a water cooling plant adjacent to the south-east corner of R.25 to meet experimental cooling requirements up to 2 Mw using an air blast, closed circuit, de.min. water system. He explained that the existing cooling plant in R.4 and R.11. could not deal with

this added load even if circulating pipe work had been practicable.

Mr. Simmonds.

Mr. Snowden was assured that the noise problem, inherent in this type of plant would be carefully considered.

Mr. Miller

It was agreed that a case for this service would be put before the Chairman of the G.P.C. for approval to proceed.

11. Atlas Computer Building.

Treasury approval has ^{not} been granted ^{but} an I.T.P. has been issued to cover site preparation.

The problem of ventilating the battery room has been cleared and suitable provision is incorporated in the design of the building.

Mr. Choate

Mr. Choate presented his estimate for a quick-thorn hedge around the Atlas site perimeter, at £150, which compares with £500 for a chain link and concrete post fence. It was agreed that this should proceed and Mr. Choate suggested that the hedge should be planted in Autumn this year. The line of the hedge must be agreed by Dr. Willis before planting is commenced.

12. Landscaping to main Spoil Heap.

Mr. Miller

Mr. Choate put forward the suggestion that all surplus spoil from runways should be dumped into the heart of the mound before commencing to shape it. Shephard-Hill have been asked for a quotation to cover this extra work. It was agreed that this should be done and Mr. Miller will increase the I.T.P. on receipt of this quotation.

The Contractor has made a preliminary visit to site and work should start by 14th May.

13. Restaurant.

Mr. Choate

The G.P.C. has permitted design to re-start on the basis of Treasury approval being granted during July 1962.

Equipment schedules have been finalised after consultation with the Canteen Committee.

Mr. Harbert

Mr. Harbert will have all documents ready to invite tenders immediately when clearance is given.

14. Lecture Theatre.

The Chairman recalled the long period of time which had elapsed since this project was first mooted on 7.1.60. without any final decision being reached. The latest decision being rejection of a scheme on the ground that the estimate was too high to justify submission to Treasury.

Since then Mr. Snowden has agreed with Mr. Choate to a reduction in seating accommodation to 200 persons and to minimum essentials generally for the project, to facilitate preparation of a more economical scheme.

Mr. Snowden tabled at this meeting drawings, specifications and a quotation, which had been obtained from Beecham Buildings, for construction as a packaged deal, at a price which is substantially less than the envisaged figure.

Mr. Choate reported that his drawings for a reduced scheme were also ready, and it was agreed that these should be discussed and compared with the Beecham offer, at a separate meeting tomorrow, 8th May.

15. Minor Works Orders.

Mr. Venn presented a statement of minor works order issued up to 2.5.62.

16. Date of next meeting.

The next meeting will be held in Mr. Bowles' Office, Building R.1 on Monday, 4th June 1962 at 9.00 a.m.

Subsequent meeting will be held on:-

2nd July, 30th July and 3rd September.

A. Shackleford,
Secretary.

Building R.1.
Rutherford Laboratory.
11th May, 1962.