

Rutherford Laboratory Building Committee.

Minutes of the meeting held in No.4 Conference Room,
Building R.4. on Monday, 1st October, 1962.

4/13

Present : Mr. F. Bowles - Chairman
Mr. G.W. Dixon
Mr. J.C. Louth
Mr. M. Snowden
Dr. J.A.V. Willis

In attendance : Mr. A.G. Ashburn
Mr. K.H. Choate
Mr. A.H. Fryer
Mr. J.A. Goode
Mr. H. Hadley
Mr. G. Harbert
Mr. D.A. Harrison
Mr. J.A. Nott
Mr. W.W. Woodall
Mr. A. Shackelford - Secretary

Action1. Minutes of the last meeting - RLBC/M.45.

The minutes of the last meeting, held on 3rd September, were accepted, without comment.

2. Roof Leaks in R.24.

Mr. Nott spoke of the trouble experienced due to rain water penetrating the roof of R.24 during a heavy rain storm during the morning of Friday, 28th September. Some modifications to the roof guttering and rain water pipes had already been carried out and this should effect some temporary improvement, but a meeting had been arranged with the Contractor for the purpose of deciding upon a completely satisfactory solution to the problem.

3. Restaurant.

Mr. Nott

Mr. Nott reported that work re-started with 20 men about two weeks ago and some progress had been achieved with construction of kitchen walls and roof. Mr. Nott is going into details of a revised programme, with the Contractor.

The Chairman said that he would like to see this project completed to programme (31.5.03), particularly in the interest of staff relations.

Mr. Choate has now agreed rates with Chivers and is able to confirm that the A.F.C. is within the estimate.

Mr. Harrison

The Chairman asked the Sponsor and Project Officer to check carefully to make absolutely sure that cost is within the existing sanction. Mr. Harrison reported that he had checked the A.F.C. against working drawings and was as confident of the figure as is practicable at this stage. He will check all prices again in three months time.

Mr. Choate pointed out that in achieving the economics which had been asked for, S.W.U. had also had to find sufficient extra to cover interim price increases of some 20% and, in doing so, they had drastically reduced their margin for contingencies.

Dr. Willis reiterated that Treasury had adopted a very tough line on this project and he held very little hope of getting any increase, except perhaps on grounds of C.V.C. and even this was doubtful.

4. Lecture Theatre

Mr. Choate

Mr. Choate reported that working drawings were complete and Bills of Quantities were in course of preparation ready for invitation of tenders by 8.10.62. for return on ~~15.11.62.~~ ^{20/11/62.} The G.P.C. have approved the invitation of tenders at this stage. ✓

Mr. Choate

The Chairman said that a case had been put forward for increasing the area of the Crush Space. Mr. Choate proposed to deal with this by negotiating as an extra, with the successful tenderer. This will avoid the delay that would result from amending working drawings and documents before going out to tender. ✓

Mr. Snowden

It was reported that Dr. Vick had raised some detailed criticisms of this scheme and the Chairman asked Mr. Snowden to write to Dr. Vick to ask for his views and decide upon any action necessary. ✓

5. Extension to R.18. ✓

Mr. Choate

Dr. Willis informed the meeting that the Chairman of the G.P.C. had granted approval in principle to Phase I, of this scheme, on an estimate cost of £9,000 to provide accommodation for Industrial Chemists. Mr. Choate is negotiating with Chivers, to include this work on their current Contract. ✓

Mr. Choate

Mr. Choate can now confirm his project estimate for Phase I. and a formal paper can be submitted to the G.P.C. No undue delay is anticipated in this respect and provided that satisfactory agreement is reached with the Contractor, construction should commence on 5.11.62.

Dr. Willis remarked that the Phase I. extension does not include accommodation for transport section and put forward a suggestion that they could be housed in a permanent, prefabricated building, sited adjacent to the North car park. This proposition was discussed and it was found that the cost of extra shielding required to shelter such a building from P.L.A. radiation, would outweigh any saving which might otherwise be achieved, against housing transport section in R.18. The Chairman found that it was the general opinion of the meeting that transport section should be housed in R.18 and asked Mr. Goode, Mr. Simmonds and Mr. Woodall to decide upon a suitable scheme within seven days and if a decision could not be reached in that time, then construction must proceed, as planned, with the scheme for Industrial Chemists.

6. Extension to R.8. - R.L.B.C./P.95.

Mr. Louth presented this paper and tabled a sketch which showed provision of male toilets, a mess room and a locker room, to be constructed in the space between R.8 and R.10 and the conversion of the existing male toilets in R.8 to provide female toilets.

The need for this accommodation was accepted, since it was agreed that the existing facilities in R.9. were already overloaded.

Mr. Choate gave his estimate, based upon a Q.S.assessment, as £4,500, excluding fees.

Mr. Choate ✓
Mr. Miller

It was agreed that this scheme should proceed and an I.T.P. will be issued on receipt of a formally submitted estimate from S.W.O.

7. Cooling Water Scheme for R.25.

Mr. Harbert reported that he could now confirm his estimate for engineering services, but formal confirmation from Beechams of their quotation for building work, at £4,000, excluding cat walks, is awaited.

Mr. Ashburn remarked that although the scheme had been reduced to £15,000 limit, it now stood at £15,000, excluding fees, not "including fees" as heretofore. Moreover, Mr. Harbert foresaw a need for additional funds to cover provision of some form of frost precautions on this plant. It was therefore apparent that a realistic estimate was £17,500, including fees.

The building is designed to house a cooling plant capacity of 2 M.w., but only 1 M.w. is to be installed initially.

Dr. Willis
Mr. Harbert

Dr. Willis agreed to issue written authority to Mr. Harbert to enable him to place a Contract for the Cooling Plant immediately, this action being essential if completion by 31.12.62. is to be achieved. Subsequently, on receipt of Beechams confirmation of the cost of building work, Dr. Willis will seek London Office approval for increased expenditure and the I.T.P. will be adjusted.

8. Building R.25.

Mr. Goode reported that he had received a request to move magnet Model V. into R.25. which involved removal of a power transformer. It had been suggested that a housing should be provided for this on the west face of R.25.

Mr. Goode

The Chairman ruled that this proposal could not be accepted and asked Mr. Goode to take the case back to Mr. Milne and discuss it further. Mr. Hadley confirmed that this transformer does not constitute a fire hazard and could be safely housed inside the building.

9. Site Main Entrance.

Mr. Dixon tabled a perspective sketch and plans of a scheme for treatment of this area. These were discussed and it was agreed that the police hut should be sited on the right hand side when entering the site, not the left as shown and the gates should be resited to the new position indicated. It was stressed that especial care should be taken to ensure that sight lines on to Fermi Avenue were not obscured by the notice board.

Mr. Choate

Mr. Choate will prepare working drawings incorporating these features.

10. Future Requirements for Offices and Laboratories.

Mr. Wilde
Mr. Woodall

It was agreed that Mr. F. Wilde should act as sponsor for future laboratory buildings and Mr. W.W. Woodall, for office accommodation.

Mr. Choate

Mr. Choate was asked to attend Mr. Pickavance's meeting of the Planning Committee on Wednesday, 3rd October.

Plans for the proposed new Electronics Laboratories were tabled and discussed; two alternative sitings were put forward, both of which would call for the acquisition of extra land to the South of the present boundary.

11. Car Parks.

Dr. Willis said that there was still need for further car parking facilities to serve building R.1. and Mr. Harrison tabled a sketch showing proposals for car parking in the area between R.1 and R.25 (after removal of Building R.19).

Mr. Choate pointed out that it would be impracticable to extend the existing R.1 car park before next March, due to the construction process employed.

12. Minor Works Orders.

A statement of Minor Works Orders issued up to 23.9.62. was presented.

13. Date of next meeting.

The next meeting will be held in No.4 Conference Room, Building R.1 on 5th November 1962 at 9.00 a.m.

A. Shackelford
Secretary.

Building R.16.
Rutherford Laboratory.

11th October, 1962.