

FILE. *W. P. Bowles*
R. I. 615

RLBC/M26

RUTHERFORD LABORATORY BUILDING COMMITTEE

Minutes of the Meeting held in Mr. P. Bowles' office at 9.30 a.m. on
31st January, 1961

Present: Mr. P. Bowles - Chairman
Mr. G. W. Dixon
Mr. D. A. Harrison
Mr. J. C. Louth
Mr. A. Miller
Mr. H. F. Rudkin
Mr. M. Snowden
Dr. J. A. V. Willis
Mr. A. Shackelford - Secretary

In attendance: Dr. W. D. Allen
Mr. K. H. Choate
Mr. A. H. Fryer
Mr. J. A. Goode
Mr. G. M. Harbert
Dr. L. C. W. Hobbs - Part-time
Mr. J. B. Marsh
Mr. L. B. Mullett
Mr. H. Noble
Mr. J. A. Nott
Dr. G. H. Stafford

Action

1. MINUTES OF THE LAST MEETING RLBC/M25

The minutes of the meeting held on 5th January, 1961 were approved, subject to the following correction:

Para. 2. Matters arising - Action column should indicate "Mr. Snowden" not "Mr. Nott".

2. PROGRAMMES

Mr. Fryer said that there was no lack of programmes at this stage.

3. PROJECT OFFICERS. (P.35)

The Chairman tabled a list of projects against which were entered, in columns, N.I.R.N.S. Sponsors and Project Officers. This list was agreed except that Dr. Willis, not Mr. Wilkins should be Sponsor for the New Office Block (Southern). Mr. Choate said that corresponding S.W.O. Project Officers would be Mr. E. R. Haynes and Mr. H. Noble, jointly, for all projects

4. TEMPORARY OFFICE ACCOMMODATION (P.36)

Despite a previous decision not to erect any further Terrapin Buildings, it was agreed that they should be employed for this project, since secondhand units, of the folding type, could be obtained from A.E.R.E. without charge. Various possible sites were discussed but no decision was reached. Mr. Harrison and Mr. Woodall will discuss this subject with S.W.O. who will submit schemes.

Mr. Harrison)
Mr. Woodall)

Mr. Bowles said that the possible requirement for these buildings should be regarded as 5 years.

5. SURFACE WATER DRAINAGE SCHEME (NI/GP/61/6)

Mr. Harrison explained that the site drainage problem was being approached as two parts; first, the duplication of certain internal site drains which were already overloaded, and second, the diversion of

the existing system, from discharging into the DIDO drain, into a new drain running along the North and East boundaries of the site, joining the Phase I low level drain and discharging into Chilton Pond.

Mr. Harrison said that the capacity of Chilton Pond had been checked and reported adequate for this purpose.

Mr. Choate

Dr. Stafford asked that provision should be allowed, when fixing invert levels for this drain, to permit of possible future extension of the P.L.A. tunnel at a depth of 10 ft.

It was agreed that the scheme should be put forward to the General Purposes Committee on the basis of NI/GP/61/6.

Duplication of existing drains

The existing internal drainage scheme has already proved itself to be inadequate and duplication of certain sections has become a matter of urgency. Mr. Choate put forward an estimate of £7,000, excluding fees, for this work and mentioned that a third scheme, for the P.L.A., was in preparation and would be included in the work on Phase 3.

The Chairman said that it was now too late to bring this up at the next General Purposes Committee meeting, but warning of the urgency of this future liability must be given.

Mr. Harrison

Mr. Harrison was asked to prepare a paper putting this case forward.

6. GAS AND WATER MAINS (SW.6482)

An extra cost of £750 has been incurred due to the unforeseen need to excavate through rock chalk on part of the route of this scheme. Mr. Bowles agreed to clear this. X

7. STEAM MAINS (SW.6481)

Mr. Louth
Mr. Harbert
Mr. Miller

A claim was put forward for extras totalling £2,850 against this job, (No. S.6614) but was referred back pending an explanation of the apparently high cost of certain items. Mr. Louth and Mr. Harbert will investigate this and Mr. Miller will issue I.T.P. when Mr. Louth gives his clearance.

8. SITE CLEARANCE (SW.6490)

Mr. Dixon

Mr. Choate referred to his estimate of £3,750 for this scheme, which includes: removal of spoil from a section of the runway North of the P.L.A., the construction of a temporary Contractors' road between Fermi Avenue and Road 4, in line with Road 6., and restoration of Road 6 at the termination of its use by Contractors. Mr. Dixon agreed that the spoil from the runway would be removed from site to a dumping area which he would select. The construction of the Contractors' road was agreed, but Mr. Bowles felt that the cost of repairs to Road 6 should be assessed after the eventual survey of the road surface. Mr. Bowles also pointed out that the cost of clearance of the runway could be shared with A.E.R.E.

9. R.2 EXTENSION (P.37)

Mr. Dixon tabled a front elevation and plans of his proposals to meet this requirement, the cost of which he estimated as in the region of £200,000 to £250,000 excluding furniture and fees. A partial breakdown of the estimate was examined and some omissions were suggested in the interest of economy. The cost per square foot of useful floor area was compared with those of recent similar buildings and expressed as about £1 above average, this was due to the relative congestion of the site, but Dr. Willis pointed out that the only acceptable, alternative site would involve excavation of some 50 ft. of spoil and would therefore be prohibitive. X

Mr. Bowles

The Chairman agreed to issue an advance warning to the next meeting of the General Purposes Committee, but the scheme needs very full investigation before it is formally presented.

10. HEAVY DUTY LABORATORY BLOCK (P.29)

This scheme has been approved by the General Purposes Committee at an estimated cost of £140,000 exclusive of associated roads, drains and services, but the General Purposes Committee have asked that it be taken back and re-considered with a view to reducing the cost. The building is sited in an area involving some 40,000 cube yards of bulk excavation. A functional specification for this building is ready and it was agreed that tenders should be invited from manufacturers of packaged type buildings, on the basis of this; the tender offering the best value could then be put before the General Purposes Committee. Meanwhile authority would be sought to proceed with excavation.

The Chairman pointed out that the Office Block would be required for occupation by next September and asked that a special effort should be made in this case.

Dr. Stafford asked for an assurance that any such concentration of effort would not prejudice progress on the P.L.A. extension. Mr. Choate gave that assurance.

11. NEW OFFICE BLOCK

An office building, to provide 10,000 square feet of useful accommodation on three floors and costing approximately £100,000 exclusive of roads and services, will be required in the near future.

The Chairman asked that design representatives of each party should meet, as soon as possible, to prepare a functional specification upon which tenders could be invited.

Mr. Harrison

A meeting was arranged, between Mr. Choate and Mr. Harrison, for the following day, 1st February, 1961. Mr. Harrison said that the specification should be ready in two to three days time.

12. ELECTRICITY PROPOSALS

Mr. Harbert said that the demand over the next five years had been studied and the scheme at present existing was inadequate. It was decided to bring a 132Kv. supply on to N.I.R.N.S. site and install 132/11Kv substation equipment. This would meet all foreseeable requirements during the next 10 years.

The Chairman said that the General Purposes Committee must be warned of liability to the Central Electricity Generating Board on this account, a contribution towards this could be expected from A.E.R.E. due to reserve capacity provided in the area.

13. PLANT STORE (P.33)

Mr. Goode explained the urgent need for a Plant Store, situated on the site, which had now become more acute since notice to quit both A.E.R.E. building 358 and Didcot Depot had been given. The need comprises 14,000 square feet of covered and heated storage and 4,000 square feet of hard standing.

Mr. Harrison

Siting was discussed and it was agreed that the possibility of siting this building on the DIDO Road, south west of Road 3 should be investigated.

Mr. Harrison

A Functional Specification is to be prepared as quickly as possible.

Mr. Nott was assured that this discussion had no bearing on his Construction Stores facilities, which remain unchanged.

14. DATE OF NEXT MEETING

The next meeting will be held in Mr. Bowles' office, Building R.1
at 9.30 a.m. on Tuesday, 7th March, 1961.

A. SHACKLEFORD

8th February, 1961.

Distribution:

Dr. T. G. Pickavance
Dr. W. D. Allen
Mr. A. G. Ashburn
Mr. P. Bowles
Mr. K. H. Choate
Mr. G. L. Cooper
Mr. S. H. Cross
Mr. A. L. Cuthbert
Mr. J. DeMetz
Mr. G. W. Dixon
Mr. P. D. Dunn
Mr. G. H. Flook
Mr. A. H. Fryer
Mr. J. L. Godfrey
Mr. J. A. Goode
Mr. H. Hadley
Mr. B. Halstead
Mr. G. M. Harbert
Mr. D. A. Harrison
Mr. A. G. Hewitt
Dr. L. C. W. Hobbis
Mr. J. Johnson
Mr. J. C. Louth
Mr. J. B. Marsh
Mr. A. Miller
Mr. L. B. Mullett
Mr. E. Newberry
Mr. H. Noble
Mr. J. A. Nott
Mr. H. M. Peskett
Mr. H. F. Rudkin
Mr. A. H. Roberts
Mr. G. E. Simmonds
Mr. G. T. Sneddon
Mr. A. Shackleford
Mr. M. Snowden
Dr. G. H. Stafford
Mr. G. N. Venn
Mr. J. J. Wilkins
Dr. J. A. V. Willis
Mr. W. W. Woodall
Mr. J. B. Worts