

July 27th 1959

NI (GP) (59) 28

NATIONAL INSTITUTE FOR RESEARCH IN NUCLEAR SCIENCE

GENERAL PURPOSES COMMITTEE

CIVIL ENGINEERING AND BUILDING CONTRACT
FOR THE PHASE II BUILDINGS AT THE RUTHERFORD LABORATORY

Note by Dr. T. G. Pickavance

1. The Phase II building programme was proposed in paper NI (GP)(59)4 and approved by the Committee at their first 1959 meeting. It was proposed that competitive tenders should be obtained for the main group of Phase II buildings. This proposal has been reconsidered by the Chief Architect, AERE, and it is now recommended that it is preferable to carry out the work as an extension of Messrs. Chivers existing contract. The Chief Architect's reasons for this recommendation, with which I agree, are:-
 - (a) The site is a very congested one, and the introduction of a second civil and engineering building contractor would cause great inconvenience because of the necessity for additional plant, stores, workshops, as well as complicating site supervision. This might well cause a disruption of work which would jeopardise the existing programme.
 - (b) A second contractor would introduce an undesirable competition for local labour.
 - (c) Messrs. Chivers secured the existing contract on a competitive basis by a margin of some £100,000; it is unlikely in view of the amount of plant which they have put on the site that better terms will be secured elsewhere by further competitive tenders.
 - (d) The extension is mainly to building in course of erection or already built by Messrs. Chivers, and the rates in their existing contract will cover the new work.
 - (e) Messrs. Chivers are familiar with the Authority's and the Institute's requirements, with the standard of finish, the positions of existing services and the local conditions concerning excavation etc.
 - (f) Messrs. Chivers have confirmed in writing that they are prepared to carry out this work on the same terms and conditions as their existing contract.
 - (g) There will be no difficulty in keeping costs entirely separate from Phase I.
2. Approval for the construction of one item of the Phase II programme, namely the second "Arcon" building as an extension to Messrs. Chivers contract has already been requested in paper NI(GP)(59)16 and given by the Committee at their second 1959 meeting. the remaining items of Phase II are:-

<u>Item</u>	<u>Approximate Cost £.</u> <u>including mechanical and</u> <u>electrical engineering work</u>
1. Additional laboratories	175,000
2. Materials Store	15,000
	190,000

<u>Item</u>	Approximate Cost £. including mechanical and electrical engineering work
brought forward	190,000
3. Offices, industrial staff accommodation; garage	80,000
4.) (were included in the 5.) Arcon building)	
6. Bubble chamber plant building (Treasury approval given separately from the rest of Phase II)	50,000
7. New main road	<u>10,000</u>
Total (exclusive of fees)	<u>330,000</u>

Approval is now requested for the addition of the building and civil engineering aspects of these items to Messrs. Chivers existing contract; and for the provision of the various Mechanical and Electrical Engineers' services in the buildings by extensions of the current contracts for similar work at the Rutherford Laboratory, at a total cost not exceeding £330,000.