

RUTHERFORD LABORATORY BUILDING COMMITTEE.

Heavy Duty Laboratory - Additional Electrical Services.

1. When approval was given for the Heavy Laboratory to proceed it was recognised that additional services to meet the needs of the occupants would have to be determined and dealt with separately to a void interference with the package deal contract for the building.
2. The additional electrical services have now been determined and the best method of implementing the requirements has been agreed with S.W.O.
3. Completion of the additional installation is required by the 31st December, 1962, the work to start immediately after "hand-over" of the building. It is essential that orders are placed very quickly for long delivery items if this target is to be met.
4. An 'Order of Cost' estimate which details the work to be done has been prepared by S.W.O. and is repeated at Appendix 'A'.

The estimated cost is:

	£
Order of cost estimate	4750
Allowance 20% say	1000

	5750
Fees 15% say	850

	£6600

It is expected that the whole of this expenditure will occur in the financial year 1962/63. Funds are available in the Rutherford Laboratory Site Services Budget to cover this expenditure.

5. Approval is requested for these additional electrical services in the Heavy Duty Laboratory.

May 3rd, 1962.

G. E. SIMMONDS.

APPENDIX 'A'.

Heavy Duty Lab. - Additional Electrical Services.

Order of cost estimate.

1.	New English Electric Switch Board.	£1,400
2.	Modifications to existing switch board (board supplied as part of package contract)	250
3.	New 0.5 - 4 core cable from S.S. 13 (Approx. 125 yds.) and new switch in S.S.13.	600
4.	New double 300 amp M.I.C.C. feeds from new switchboard (750 amp fuse switch) to two points on 300 amp H.D. Lab. bus bars.	800
5.	Additional run of 2 x 0.4 M.V. cable to new switchboard in locker room. (Approx. 60 yds.)	300
6.	Installation of 22 'A' panels (every other bay) in H.D. Lab. (feeds to 'A' panels from busbar trunking.)	500
7.	New run of bus bar trunking full length of centre of H.D. Lab.	800
8.	Modifications to H.D. Lab. lighting for switching in four groups.	100
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		<u>£4,750</u>

G. E. SIMMONDS.