

NIMROD PROJECTRevised Cost Estimates - 20th September, 1963

Item	£ million	
	Original Estimate	Revised Cost Estimates at 20.9.63
1. <u>Magnet</u>	2.60	3.015
2. <u>Injector</u>	0.30	.570
3. <u>R.F. Equipment</u>	0.15	.182
4. <u>Vacuum Equipment</u>	0.40	2.016
5. <u>Power Supply</u>	1.30	1.505
6. <u>Controls</u>	0.15	.189
<u>Cooling Systems</u>	0.10	- 7.477
<u>Contingency on Plant Items</u>	-	} 0.583
<u>C.V.C.</u>	-	
	5.00	8.060

NIMROD PROJECT

Recorded Commitments up to 20th Sept., 1963

Item	Commitment £
<u>PLANT</u>	
<u>Magnet</u>	
Sectors	1,639,726
Coils	577,777
Pole Pieces	369,700
Pole Face Windings	92,566
Installation	196,808
Stores Withdrawals	4,649
	2,981,226
<u>Injector</u>	
D.C. Gun Supplies	37,566
D.C. Gun	21,111
Low Energy Drift Space	15,589
Linear Accelerator	198,245
R.F. Drive Power	44,669
High Energy Drift Space	46,750
Inflector	65,633
Local Control System	10,450
Miscellaneous Equipment & Installation	102,633
Stores Withdrawals	6,862
	549,508
<u>R.F. System</u>	
Accelerator Unit	76,484
Bias Supply	6,826
Drive Chain	38,691
Primary Frequency Generator	2,338
Beam Control Unit	13,053
Local Controls	-
Installation	17,745
Stores Withdrawals	6,064
	161,201
<u>Vacuum System</u>	
Curved Section	1,533,816
Straight Sections	26,000
Pumping Units	246,570
Connections	93,994
Ancillaries	11,362
Installation	111,023
Stores Withdrawals	5,294
	2,028,059

Recorded Commitment & Expenditure continued from previous page

Item	Commitment £
<u>Power Supplies</u>	
Rotating Machinery	642,329
Converter Equipment	649,645
Miscellaneous	31,880
Ripple Filter Equipment	68,035
Installation	29,801
Stores Withdrawals	1,965
	1,423,655
<u>Control System</u>	
Control Equipment	33,942
Control Cabling	6,486
Remote Control Panels	27,971
Components for advance ordering	14,817
Installation	58,559
Stores Withdrawals	5,415
	147,190
PLANT TOTAL	* 7,290,839

*This figure includes the commitment against the plant contingency.

NEW COMMITMENTS ENTERED INTO SINCE PREVIOUS
QUARTERLY STATEMENT i.e. 1/7/63 to 20/9/63, VALUED AT OVER £500

ITEM	VALUE £	FIRM	REMARKS
<u>MAGNET</u> Requisition raised to cover the finalisation of installation costs.	778	A.E.I. Ltd.	PS 1269 Amend No.39
<u>POWER SUPPLY</u> Requisition raised to cover increase, against a schedule of rates and quantities, measured by Q.S., also an additional extra on Daywork sheets.	7,500	English Electric Co. Ltd.	PS 1858 Amend No. 1

NOTE: The above commitments are included in the commitment shown on the previous pages.

NIMROD PLANT

