

SUMMARY RECORD OF THE MEETING HELD ON THE

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4 AUGUST 1983

Agenda : AC magnets.

Present : R. Bennett (RAL), C. Johnson, L. Rinolfi, R. Sherwood,  
C. Warrillow (FI), E. Wilson.

- 1 - It was decided that a preliminary enquiry was neither necessary nor appropriate following advice of Billinge, Brianti and Warrillow.
- 2 - A timescale leading to FC approval of adjudication and allowing 6 weeks consideration by Finance Committee seems impossible. The general wish would be to adjudicate prototype and series together, order prototype in 1983, and seek approval for the series in 1984 from the February Finance Committee meeting. However, C. Warrillow claims that it would not be possible to separate the order for the prototype from that of the series and approval from the F.C. must be sought for both at the sametime.
- 3 - There are 3 different prototype magnets :
  - one dipole ;
  - one wide quadrupole ;
  - and one narrow quadrupole.

The order for the prototypes should preferably be placed before the end of this year and money committed from the present year's budget.

- 4 - However each of the three specifications to be sent to the different European firms will be presented as leading to a monolithic contract ;

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that is, magnet prototypes and series will be built by the same firm.

5 - Finance Committee approval for the adjudication for construction of the series will start as soon as the AC project is definitively approved.

6 - A clause in the CERN contract which allows minor changes between the prototypes and series production shall be incorporated in the technical specification.

7 - Also a "stop clause" will be included in the specification and manufacturer informed in case the prototype does not reach specified performances or if the AC is not approved. There will be a possibility to cancel the contract.

The option should last at least until January 1985 or 6 months after prototype delivery whichever is the later date.

8 - Documentation to be supplied by RAL :

- i) Specifications in the modelled on that used for AA.
- ii) Drawings for each type of magnet sufficient for tender.
- iii) Technical aspects of the questionnaire.
- iv) Technical aspects of the qualification criteria for tenderers.

CERN FI Division will provide the necessary contractual documents to accompany specification.

9 - A rough evaluation of the cost of prototypes suggest the total for all three will be below the FC limit of 750 KSF allowing us with a possibility to place the prototype contract without Finance Committee approval of adjudication. (However see point 2).

10 - C. Warrillow recommends that the tender enquiry should assume delivery to CERN site and any intermediate delivery to e.g. Rutherford for measurement and acceptance to be negotiated after contract.

11 - Magnet specifications will be ready for 7 September 1983, within the standard commercial frame. Specifications should be received at least by 1st September by G. Brianti, R. Billinge, Representative of Purchasing Office, Technical Referee, E. Wilson, L. Rinolfi, RAL Representative.

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12 - CERN-RAL collaboration. The first part has been completed and the first design finished. A second part will be set up on the same basis for the final design, specification and assistance with tender action. The part which consists in measuring and shimming the magnets is to be defined as a collaboration agreement.

13 - The annexe shows the planning for the AC magnets.

L. Rinolfi

Distribution :

R. Bennett (RAL)  
J. Espinosa (FI)  
M. Harold (RAL)  
C. Johnson  
H. Jones (RAL)  
L. Rinolfi  
R. Sherwood  
C. Warrillow (FI)  
E. Wilson.

For Information :

R. Billinge  
M. Boutheon  
G. Brianti  
D. Gray (RAL)  
E. Jones.

