

RUTHERFORD LABORATORY

AERE

JOINT LASER PROJECT EXECUTIVE COMMITTEE

Meeting No. 7: 10 a.m. Monday 16 June 1975 in the Director's Conference
Room R1, Rutherford Laboratory.

AGENDA

1. Minutes of the previous meeting (JLPEC/M6)
2. Matters arising
3. Report on the statement of intent oral
4. Tender actions and subsequent developments JLPEC/P10
5. Inflation and currency variations affecting the original estimates JLPEC/P11
6. Consultations with staff
7. Other business
8. Date of next meeting

10 June 1975

J.R. Smith (RL)
M.H. Woods (AERE)

JOINT LASER PROJECT EXECUTIVE COMMITTEE

Minutes of a meeting held on 16 June 1975

Present Dr L C W Hobbis - Chairman
 Dr W M Lomer
 Mr J Jenkins
 Mr A F Shephard (for Mr M Smith)
 Dr P R Williams
 Mr J T Wright
 Dr J R Smith)
 Mr M H Woods) Secretariat

INTRODUCTORY REMARKS

Dr Lomer informed the meeting that the Atomic Energy Division of the Department of Energy did not wish to support the AEA case for the Joint Laser Project. The prospects did not seem good but further discussions had yet to be held with the Cabinet Office. Subject to approval by higher management, Dr Lomer proposed that the JLPEC should continue to function so as to be in a state of preparedness to answer questions which might be raised at Government levels about the project and in case AEA funds were found.

Dr Hobbis reported that the RL had been instructed to prepare a stand-alone proposal for a Laser Centre. It was hoped that early discussions would take place between the SRC and the AEA about the joint project; in the meantime Dr Hobbis agreed that, subject to approval, the JLPEC should continue to operate.

ACTION

1.0 MINUTES OF THE PREVIOUS MEETING (JLPEC/M6)

The minutes of the meeting held on 14 May 1975 were approved.

2.0 MATTERS ARISING

2.1 Para's 2.2 and 2.3: action on Mr Wright and Mr Jenkins to prepare a cost operating statement and sample accounts was suspended until the situation became clearer.

2.2 Para. 3.2: Mr Wright and Mr Jenkins were asked to arrange exchange of the RL and AERE Statements of Intent between Dr Lomer and Dr Hobbis. An attempt should be made to reconcile the wording differences, however a version of the Statement would be submitted in draft form to the respective London offices.

JTW/JJ
2.3 Para. 3.3: the action on Dr Whitehead to propose a full title for
CW the Project was continued as a low priority item.

2.4 Para. 4.3: J K Lasers intend to submit a formal proposal in July. It appeared that they hoped that J K Lasers, University consultants and the Project Team could work together on developing the laser systems. This arrangement could affect the timescale of the project and there might be a problem in obtaining components from manufacturers.

Mr Shephard reported that Apollo Lasers Inc., would be submitting a proposal.

2.5 Para. 5.2: the action on Dr Whitehead and Dr Williams to prepare a list of equipment to be associated with the 1.5 TW Laser was continued.
CW/PRW

Dr Williams said that the action on him and Dr Whitehead to consider facilities for university users would follow when the university advisory group had been set up.

3.0 INFLATION AND CURRENCY VARIATIONS affecting the original estimates (JLPEC/P11)

Mr Wright presented the paper. It was suggested that ILL could provide a good guide to the situation in France. It was agreed that the UK rate of inflation should be claimed when the estimates were re-assessed.

4.0 TENDER ACTIONS: Comparison of prices with estimates (JLPEC/P10)

Dr Williams presented the paper. The comparison showed a discrepancy of £350,000 between the original budget and tender prices (all prices net of VAT). ~~had that the Quantel~~

4.1 A detailed comparison of the prices for the GE Disc Amplifier gives about 5% unresolved difference between the revised budget and tender prices. The original budget should have included installation cost (although it was originally intended that this would be done by Project Staff) and delivery costs.

4.2 It was agreed that detailed discussions should be held with Quantel to resolve the differences between the budget and tender prices. The committee noted that the Quantel quotation included a full system console which was not required.
CW/PRW

Dr Hobbis remarked that discussions with outside bodies should be held with the diplomatic line that there will be a laser project.

5.0 CONSULTATIONS WITH STAFF

At a staff meeting on 10 June, Dr Stafford had stated that staff would be provided by both RL and AERE for the joint project.

6.0 OTHER BUSINESS

6.1 Mr Shephard pointed out that the validity of the GE tender expires on 22 June. Since the GE directors had been informed that project

approval could not be expected for some months, no further communication on the situation should be made.

6.2 Dr Williams reported that ILC Technology were interested in submitting a proposal. They were able to produce the Livermore design of disc amplifiers and Livermore were prepared to collaborate with the company to produce laser systems.

AFS It was agreed that the specifications for the lasers should be sent to ILC Technology and that enquiries should be made with Livermore as to what their arrangements with ILC would be.

7.0 NEXT MEETING

Friday 25 July, 9.30 a.m., Directors Conference Room, R1,
Rutherford Laboratory

4 July 1975

J R Smith
Rutherford Laboratory

ACTION SHEET

JLPEC/M7

NAME	REFERENCE	ACTION
Secretary	M5/2.1	Retain "Consultations with staff" on future agendas.
JTW/JJ	M7/2.2	Arrange exchange of Statements of Intent between WML and LCWH.
LCWH/WML	M7/2.2	Clear the Statement of Intent with respective London offices.
CW	M7/2.3	Propose full title for the Project.
CW/PRW	M7/2.5	Prepare list of equipment to be associated with the 1.5 TW Laser. Consider facilities for university users.
CW/PRW	M7/4.2	Resolve differences between budget price and Quantel tender price.
AFS	M7/6.2	Send Laser specifications to ILC Technology. Enquire from Livermore Laboratory as to their arrangements with ILC Technology.