APPENDIX B

RESEARCH, DEVELOPMENT, AND ENGINEERING PROGRAM SUBMISSION

In view of the special coordination and review procedures which exist for RD&E, we request that RD&E program information be submitted to the Agency R&D Coordinator, in last year's format.

In many cases, the submission may be an updated version of a FY 1972-76 program plan. Care should be taken to make such descriptions as clear and as comprehensible as possible and to make them conform to the most current resource decisions. Special emphasis should be given to the progress section of the descriptions. A statement of the relevance of a particular project to a specific Agency activity is also required.

One additional item is requested this year. Where possible, under the Plan Section of the description, offices should indicate the extent of their coordination within the Intelligence-Defense Community toward achieving similar objectives. Where parallel work is done by other agencies, the submitting office should state the unique facet of the work sponsored by the Agency that justifies the continuation of the effort.

The subelement descriptions will be coordinated by the Agency RD&E Board for presentation by the Agency RD&E Coordinator to the Deputy

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Directors. The Plan will be forwarded to the Executive Director-Comptroller for consideration simultaneously with the Directorate submissions for other Programs. Therefore, adherence to the due date is essential to give O/PPB and the Executive Director ample time to review the plan in the context of total Agency resource levels.

Instructions:

Subelement or Project submissions, new or updated, should take the following format and be consistent with the RD&E program structure.

1. Objectives

This section should present the objectives which the project is designed to achieve. Objectives should not be project definitions. They should be stated in terms of achieving a specific capability or result through an effort made over a specific period of time. Objectives should be stated for all activities undertaken or expected to be undertaken during the period FY 1971-FY 1977. Insofar as practical, the statement of each objective should be followed by a short and concise discussion of the reasons why the objective is a sound objective for the Agency and for whom the effort is being carried out.

Some RD&E objectives will be more difficult than others to state in terms of achieving a specific capability through an effort made over a

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specific period of time. Considerable imagination will be necessary in presenting certain objectives if they are to be useful. For example, when an RD&E activity is largely responsive to continuing operational requirements, an objective might be to fulfill an expected number of such requests in each year of the planning period. The general nature of the request should also be described. Thus, objectives might be to

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3. Program Plans

This section should provide a discussion of plans for achieving objectives during the period beginning with the second half of FY 1971 and extending through FY 1977. Where possible, the following points should be discussed:

a. Alternatives

Alternative approaches for achieving objectives should be presented. Where appropriate, discussion should include: technical risks, political risks, complete multi-year costs of individual RD&E efforts, estimates of potential operational costs (i.e., procurement costs of specially built gear), multiple tracking, etc.

b. Approaches Selected

The approaches to be followed will be indicated. Significant milestones which are expected to be reached and their timing should be noted in order to provide a way to measure progress in future years.

c. Resources

The project dollar resources which will be required to achieve the objectives set out should be presented in actual figures for FY 1970 and estimates for FY 1971-FY 1977. Any closely associated special manpower needs should also be indicated.