

are now being felt in terms of increased time required to complete inspections that have had to be deferred and detecting shortages and embezzlements which should have been brought to light through annual inspections. Sufficient additional manpower has been requested to increase the percentage of completions by only 4 percent. It is considered that the maintenance of the integrity of the postal accounts and the detection and prevention of deficiencies in post office operations warrant a minimum of the recommended level of attention in fiscal year 1969.

19. If additional funds were available, what would you do with the new money?

Any additional funds available would be used to augment our present force to combat the rising postal crime situation, and to strengthen our audit-inspection and internal audit programs.

F. Program Category VI—Research, Development, and Engineering

1. What is the nature of and authority for this program?

This program consists of work in three areas. These are:

1. Research and development.
2. Construction engineering.
3. Industrial engineering.

The Department's research and development program is directed toward the development, test, and evaluation of new and improved equipment, systems, techniques, and facilities for performing postal tasks.

Construction engineering activities performed under the research, development, and engineering program provide the technical services necessary to secure new and improved space and mechanized processing systems for operational use. The work includes technical planning and preliminary design of major facilities, final design of fixed mechanized systems, facility construction and mechanization installation supervision and technical services necessary to the phase-in of new major facilities.

Industrial engineering activities are designed to effect economies, improve safety, and improve working conditions through the development of facility and equipment design guides and use criteria and the conduct of industrial engineering surveys of existing facilities.

Authority for the research, development, and engineering program is contained in title 39, section 504 of the United States Code. In addition, Public Law 89-492, approved July 5, 1966, had as its purpose to encourage, advance, and accelerate the research and development and construction engineering programs of the Department and to improve the administration of such programs.

2. Who is the person primarily in charge of this program at the operative level (name and title)?

Dr. Leo S. Packer, the Assistant Postmaster General for the Bureau of Research and Engineering is in charge of this program. He is assisted by Mr. Paul G. Hendrickson, Director of Operations; Dr. Edward M. Reilley, Director, Research and Development; Mr. Peter C. Hyzer, Director, Construction Engineering; and Mr. Alvin P. Hanes, Chief, Industrial Engineering.

3. How much money and capital equipment is available under this program for fiscal 1968?

\$22.495 million exclusive of \$901,000 included under Category VII, Administrative Postal Supports, are available for obligation in fiscal year 1968. This includes \$200,000 for laboratory equipment to be procured in fiscal year 1968.

4. Would you describe the output generated by this program?

The output of the research and development segment of the program is usually designs and/or specifications for new or improved equipment and techniques for postal applications or test data upon which to base "buy" decisions for off-the-shelf items offered by industry.

The output of the construction engineering effort is usually preliminary design and specifications for new major facilities or changes to existing facilities and final designs and specifications for "fixed" mechanized systems for operational use.

The output of the industrial engineering program is generally standards and criteria for space and mechanization design and industrial engineering reports which recommend changes to existing facilities or equipment to improve efficiency, safety or employee working conditions.

5. Can you quantify this output in any way?

We have some measures of output which we use internally to estimate personnel requirements particularly in the construction engineering area. As a rule, however, our program structure shows that the outputs of the research, development, and engineering category are not quantifiable.