

SECRET

(When Filled In)

Approved For Release 2001/08/13 : CIA-RDP78B04747A001900010004-7

New

R & D CATALOG FORM

DATE 20 October 1965

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| 1. PROJECT TITLE/CODE NAME Information Flow Analysis | 2. SHORT PROJECT DESCRIPTION Analysis of NPIC substantive data base and projection of requirements for an integrated information processing system. |
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| 3. CONTRACTOR NAME [REDACTED] | 4. LOCATION OF CONTRACTOR [REDACTED] |
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| 5. CLASS OF CONTRACTOR Corporation | 6. TYPE OF CONTRACT CPFF |
|---------------------------------------|-----------------------------|

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|----------------------|---------------------------|----------------------------------|
| 7. FUNDS FY 19 \$ | 8. REQUISITION NO. N/A | 9. BUDGET PROJECT NO. NP-IH-3 |
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| 10. EFFECTIVE CONTRACT DATE (Begin - end) 1 Dec 1965 - 30 April 1966 | 11. SECURITY CLASS. AA - Confidential T - Unclassified W - Top Secret |
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22. RESPONSIBLE DIRECTORATE/OFFICE/PROJECT OFFICER TELEPHONE EXTENSION
DDI/NPIC/P&DS/[REDACTED] **DECLASS REVIEW by NIMA/DOD**

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23. REQUIREMENT/AUTHORITY
This was initiated by IPD to augment the Division's systems/design capability in order to improve information processing and to meet anticipated needs. Reference: 1. IG Survey of NPIC, dated 18 June 1965, (Continued)

24. TYPE OF WORK TO BE DONE
Applied Research. Research and analyze the current information handling practice. Preparation of flow charts for data input, search, and extraction jobs as they are done now at NPIC. Modulate the flow charts of (Continued)

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25. CATEGORIES OF EFFORT

| MAJOR CATEGORY | SUB-CATEGORIES |
|------------------------|---------------------------|
| Information Processing | On Line Processing |
| | Data Handling and Storage |
| | Data Management |

26. END ITEM OR SERVICES FROM THIS CONTRACT/IMPROVEMENT OVER CURRENT SYSTEM, EQUIPMENT, ETC.
Reports in the form of:
1. NPIC Review and functional flow diagrams
2. Specifications for System Design
3. Detailed Implementation Plan

27. SUPPORTING OR RELATED CONTRACTS (Agency & Other)/COORDINATION
Investigation has been made of various systems employed by other Agencies and none of them satisfy NPIC requirements.

28. DESCRIPTION OF INTELLIGENCE REQUIREMENT AND DETAILED TECHNICAL DESCRIPTION OF PROJECT (Continue on additional page if required)
This contract is concerned with Phase 1 (Analysis) only of a four phase program leading to the implementation of an integrated information processing system for NPIC. During Phase 1, the present NPIC substantive data base will be analyzed, the specific NPIC objectives which the data base is aimed at supporting will be determined, and information systems in operation or development at other facilities will be studied and evaluated as to their relative merits and pertinence to NPIC problems. The culmination (Continued)

29. APPROVED BY AND DATE

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| OFFICE | DEPUTY DIRECTOR | DDCI |
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13. Continued

Section 4, pages 51-71. 2. Land Panel Report, dated 5 August 1965.

14. Continued

existing processes into flow charts for ideal processes.

Recommend the areas in which improvements can be made through modifications of existing procedures and equipment, introduction of new procedures and introduction of new data processing equipment.

Prepare functional and performance specifications for the overall information handling system and a detailed program plan for system design.

18. Continued

of this phase will be the conceptualization of an information processing system for NPIC, detailed design specifications required to satisfy that concept, and an implementation plan for realizing the concept.