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# 997571

REVISED

Approved For Release 2001/11/19 : CIA-RDP78B04747A000300100017

R & D CATALOG FORM

DATE

24 November 1965

1. PROJECT TITLE/CODE NAME Chip Processor	2. SHORT PROJECT DESCRIPTION Automatic Film Processor for 4" x 5" cut film
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3. CONTRACTOR NAME	4. LOCATION OF CONTRACTOR
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5. CLASS OF CONTRACTOR Manufacturer	6. TYPE OF CONTRACT Fixed Price
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7. FUNDS FY 19 64	8. REQUISITION NO.	9. BUDGET PROJECT NO. NP-RT-8
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10. EFFECTIVE CONTRACT DATE (Begin - end) January 1966 - April 1966	11. SECURITY CLASS. AA - Confidential T - Unclassified W - Unclassified
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12. RESPONSIBLE DIRECTORATE/OFFICE/PROJECT OFFICER TELEPHONE EXTENSION  
DDI/NPIC/P&DS/

13. REQUIREMENT/AUTHORITY Effort is being directed toward a photographic chip concept to assist the NPIC analysis. This entails the use of a high quality processor. This test effort is to insure the best processing methods, procedures, etc., to provide the best output materials.

14. TYPE OF WORK TO BE DONE  
Equipment Analysis

15. CATEGORIES OF EFFORT	
MAJOR CATEGORY	SUB-CATEGORIES
Reproduction Techniques and Materials	Film Processors/Printers

16. END ITEM OR SERVICES FROM THIS CONTRACT/IMPROVEMENT OVER CURRENT SYSTEM, EQUIPMENT, ETC.  
This effort is to furnish a thorough performance evaluation and testing program of the 4" x 5" chip processor now being completed by prior to delivery to NPIC.

17. SUPPORTING OR RELATED CONTRACTS (Agency & Other)/COORDINATION  
4" x 5" Chip Printer -  
Coordination affected W/PSD

18. DESCRIPTION OF INTELLIGENCE REQUIREMENT AND DETAILED TECHNICAL DESCRIPTION OF PROJECT (Continue on additional page if required)  
Contract for fabrication of a Chip Processor has been in effect since May 1964 and is in the final stages with pre-acceptance testing planned for January 1966. Since this processor is intended for use in a high resolution system, it is desirable to establish the photographic and functional performance of the equipment prior to delivery to NPIC. This type testing and evaluation is not a part of the current contract. An effort of three months minimum duration will be applied in a two phase program. Phase I will consist of evaluation of the processor performance - electrical, mechanical, (continued)

19. APPROVED BY AND DATE

OFFICE	DEPUTY DIRECTOR	DDCI
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18. Continued

plumbing, etc., in order to obtain results on solution temperature stabilization rates, drier temperature rates, power consumption, replenish rates and the like. Phase II will be devoted to photographic quality testing and will consist of determination of edge to edge density consistency and physical and photographic defects on the film with resultant recommendations for proper selection of film-developer combinations, process temperatures and speeds for highest quality output.

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