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5 December 1966

DRY PROCESS/PRINTER (FIELD) - STAFF STUDY
#10037

Declass Review by NGA.

1. PROBLEM

To provide a rapid access dry process contact printer for use in conjunction with NPIC field support responsibilities.

2. FACTS BEARING ON THE PROBLEM

a. On 13 January 1966, IAD tasked TDS with the requirement for a compact field unit to enable photointerpreters to produce good quality film and paper prints without photographic laboratory support. The unit was to be designed with minimum support requirements for operation under ambient indoor lighting conditions.

b. The unit is to be built around NPIC's standardized fly-away boxes and fly-away light table.

3. DISCUSSION

a. Background: [redacted] was contacted for information on adopting dry silver material developed under contract [redacted] for use in ambient room light conditions. When briefed on the space, support, and time limitations, the [redacted] initiated R&D efforts with its own time and money. [redacted] then submitted an unsolicited proposal to the Center for a unit which would meet the requirements.

b. Equipment: [redacted] also produced at its own expense dry silver paper and film which can be used under normal room lighting conditions. The dry silver processor included for use in the assembly is a repackaged, off-the-shelf, processor (Model #76).

c. Proposed Project: [redacted] hopes to recover some of its R&D expenses on the first model, which is priced at [redacted] with GFE fly-away box and light table. When an order of five more units is made, the price will drop to [redacted] each. It should be noted that even before delivery of the first model, both the Air Force (Rome) and the Navy (Air Systems Command) have made inquiries concerning the possibility of a combined procurement of this equipment for testing purposes. [redacted] Company is making available suitable quantities of film and paper for testing and limited use of this equipment. The cost will be equivalent to, or slightly less than, conventional wet silver material. This equipment will use dry process material being developed under contract [redacted]

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GROUP 1
Excluded from automatic
downgrading and
declassification

d. Coordination: This project has been coordinated with NRTSC of Naval Air Systems Command, WPAFB, RADC, ORD/DDS&T, and operational reconnaissance components.

4. CONCLUSIONS

The unsolicited proposal presented by the [] will accomplish the tasked requirements for a dry process field printer. It should be noted that this development will also fulfill some of the requirements for the military.

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5. RECOMMENDATIONS

It is recommended that NPIC purchase the dry process field printer as proposed by the [] for testing and evaluation prior to procurement by members of the intelligence community.

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6. REFERENCES AND ATTACHMENTS

TAB A - Catalog Form

ATTACHMENT: [] proposal

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TAB A

(When Filled In)

Approved For Release 2005/02/17 : CIA-RDP78B04770A001400030004-1
R & D CATALOG FORM

5 December 1966

1. PROJECT TITLE/CODE NAME
Dry Process/Printer (Field)

2. SHORT PROJECT DESCRIPTION
Development of a rapid access contact printer suitable for field use, based on the Dry Silver Process.

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3. CONTRACTOR NAME

4. LOCATION OF CONTRACTOR

5. CLASS OF CONTRACTOR
Manufacturer

6. TYPE OF CONTRACT
N/A

7. FUNDS

8. REQUISITION NO.

9. BUDGET PROJECT NO.

FY 1966 \$ None

N/A

NP-R-3-10037

FY 1967

10. EFFECTIVE CONTRACT DATE
(Begin - end)
N/A

11. SECURITY CLASS.
AA - Confidential
T - Unclassified
W - Unclassified

FY 1968 \$ None

12. RESPONSIBLE DIRECTORATE/OFFICE/PROJECT OFFICER TELEPHONE EXTENSION

DDI/NPIC/TDS,

13. REQUIREMENT/AUTHORITY

NPIC Internal/IAD/OSS/Ltr 13/66 dated 13 January 1966

14. TYPE OF WORK TO BE DONE

Applied Research

15. CATEGORIES OF EFFORT

MAJOR CATEGORY

SUB-CATEGORIES

Reproduction Techniques and
Materials

Reproduction
Process/Printers

16. END ITEM OR SERVICES FROM THIS CONTRACT/IMPROVEMENT OVER CURRENT SYSTEM, EQUIPMENT, ETC.

One prototype rapid access printer processor with accessories, progress reports, and final report.

17. SUPPORTING OR RELATED CONTRACTS (Agency & Other)/COORDINATION

This project has been coordinated with NRTSC of Naval Air Systems Command, WPAFB, RADC, ORD/DDS&T and operational reconnaissance components.

18. DESCRIPTION OF INTELLIGENCE REQUIREMENT AND DETAILED TECHNICAL DESCRIPTION OF PROJECT (Continue on additional page if required)

The objective of this project is the development and manufacture of a prototype rapid access printer processor suitable for laboratory or field use in the photo interpretation field. The equipment will exhibit significant advantages over conventional processing with regard to time, manpower, and equipment required.

19. APPROVED BY AND DATE

OFFICE

DEPUTY DIRECTOR

DDCI

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