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9 April 1957

MEMORANDUM FOR: Chief, Technical Services Staff

SUBJECT : Request for Additional Work under Task C of Contract RD-26 with [redacted] (ED-133G, Balloon, Portable Hydrogen Generator)

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1. Description of the Program

This program is directed toward the development of a lightweight portable hydrogen generator. A laboratory research program designed to study the feasibility of developing such an item has just been concluded with the evidence indicating that such a generator should in fact be possible.

2. Purpose of the Project

The purpose of this project would be to attempt to translate the theoretical capability which has been demonstrated during the conduct of the laboratory research phase of the program into an operational capability by building and testing a full scale generator. If successful, such a generator would permit an agent to inflate a personnel balloon and exfiltrate himself from a denied area. This requirement is one of long standing.

3. Recommended Contractor

The recommended contractor for this development is [redacted] [redacted] has done an excellent job of reviewing the problem on a laboratory basis and has come up with a very promising chemical reaction and generator design.

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4. Support Requirements

There are no support requirements with other government agencies.

5. Total Cost

The total cost for this second phase of the program is estimated at \$18,285.00 for an eight month period. Charges are to be made against Allotment Number 7-2502-10.

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6. Security Information

Contract RD-26 is an Agency sterile contract. Task C is also Agency sterile; however Government interest may be shown. The item, except in its full scale testing phase, will be unclassified. Agency interest in all work and material under the contract is classified Secret and may be divulged only on a need-to-know basis to appropriate security approved personnel.

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7. Project Engineer

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The project engineer for this work will be [redacted]
Room 212, West Outbuilding, [redacted]

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[redacted]

Chief
TSS/Engineering Division

DD/P/TSS/ED, [redacted]

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Distribution:

Orig - ED-133G when ret'd from C/TSS

1 - ED Chrono

1 - [redacted] File

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