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23 May 1956

Mr. Harold Froehlich
General Mills Incorporated
2003 East Hennepin Avenue
Minneapolis, Minnesota

Dear Harold,

The technical proposal for task "Fox" under Contract 1589 (35) dated 13 May 1956 has been received and it is the intent of this letter to extend authorization to proceed in accordance with the technical outline presented.

Sincerely,



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Office of Naval Research
Washington 25, D. C.

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1. Three 3986	3 at 590	\$ 1,770.00
2. One 34-foot shroud		1,700.00
3. Two 3486	2 at 509	1,018.00
*4. Flight test - of 34-foot shroud and one 3486 balloon with oxygen		1,500.00
*5. Flight test - of 39-foot shroud and one 3986 balloon with oxygen		1,500.00

*Includes:

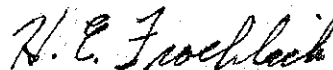
Preparation, weather analysis, ground tracking vehicle expense, flight crew expense, recovery expense, instrumentation (does not include aircraft tracking).

Permission has been received from the Project Michigan Project Engineer to utilize the Michigan 39-foot shroud at no cost.

Engineering time	300.00
Technician fabrication time of special equipment	500.00
Special equipment, such as oxygen tanks, etc.	<u>900.00</u>
	\$ 9,188.00

Very truly yours,

Mechanical Division of
GENERAL MILLS, INC.
Engineering, Research & Development



H. E. FROELICH, Head
Geophysics Research Section

HEF:mm

cc: M. Keith
R. Cochran

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General Mills, Inc.

MECHANICAL DIVISION
Engineering Research and Development Department
2003 East Hennepin Avenue
Minneapolis 13, Minnesota, U. S. A.

18 May 1956

Code 461, Air Branch
Office of Naval Research
Department of the Navy
Washington 25, D. C.

Attention: Mr. M. D. Ross and Cdr. R. Z. Moore

Subject: Contract 1589(05)

Gentlemen:

The intent of this letter is to submit a technical proposal to the Office of Naval Research for additional work under Contract 1589(05). This task will be designated as Task "Fox". It is intended that Task "Fox" will result in an interim medium altitude manned free balloon system. In addition, it will include the fabrication and flight testing of certain balloons and shrouds.

Generally, the interim medium altitude manned balloon system will consist of a 3986 balloon, a standard gondola, and a gaseous oxygen system. The target altitude shall be 30,000 feet, with a payload consisting of two men or one man and equipment. It is recognized that the 3986 will fall short of this altitude for any except the lightest of payloads; however, this will be acceptable for the interim system.

In addition, the following specific tests will be conducted under this task. Costs to the project are estimated below.

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