

OXC-9832

Copy / of 5

Contract No. [redacted]

Task Order No. 1

File Ref: [redacted]

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[redacted]

18 FEB 1966

Gentlemen:

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1. In accordance with the provisions of Contract No. [redacted] and effective upon acceptance hereof, you are authorized to proceed with the performance of Task Order No. 1 to said contract.

2. The scope of work to be performed under this Task Order and such additional provisions as may be applicable are set forth in the work authorizations listed in the attached schedule. The program of work outlined therein is subject to modification by the Contracting Officer or his duly authorized representative.

3. The estimated cost of the performance of this Task Order, exclusive of fixed fee, is [redacted]

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4. The fixed fee for the performance of this Task Order shall be [redacted]. However, such fee is subject to reduction in the event that the net effect of any modification in the work program in Paragraph 2 above is to reduce the scope of work on which the original fixed fee was based.

5. The work and services to be performed under this Task Order shall commence on or about 1 October 1965 and shall continue through 1 April 1966. However, said period of performance may be extended by mutual agreement.

6. Upon execution of all copies of this Task Order, please return the original and one copy to the undersigned, and retain the remaining copy for your files.

Very truly yours,

[redacted signature]

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Contracting Officer

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ACKNOWLEDGED AND ACCEPTED

[redacted]

25X1A

BY

[redacted]

Assistant

TITLE Vice President & General Manager

DATE 27 January 1966

SCHEDULE

I - SCOPE OF WORK

The contractor shall provide the necessary personnel and services to accomplish the effort outlined under the FIVE work authorizations listed below.

A. Work Authorization A

Statement of Work

[Redacted]

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I. PURPOSE

The work authorized herein is for the purpose of determining the equipment and techniques necessary to demonstrate the feasibility of

[Redacted]

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The feasibility demonstration should utilize existing off-the-shelf hardware and Government facilities wherever practical.

II. SCOPE OF EFFORT

The efforts associated with this work authorization are as follows:

a. Determine preliminary functional requirements of the [Redacted] suitable for use in the demonstration system testing.

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b. Determine preliminary system parameters for a feasibility demonstration.

c. Perform preliminary laboratory tests to determine the suitability of off-the-shelf [Redacted] [Redacted] to satisfy the functional requirements determined as a result of Items a and b above.

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d. Determine equipment and facilities available for utilization in the accomplishment of the proposed feasibility demonstration.

e. Determine preliminary interface and operational requirements for equipment to be used in the demonstration test.

f. Formulate a schedule for accomplishment of the proposed feasibility demonstration.

III. REPORTS

Prepare a final report stating the results of the efforts accomplished in association with the above scope of effort.

B. Work Authorization B

Statement of Work [REDACTED]

25X1D

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I. PURPOSE

The purpose of this work authorization is to determine:

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II. SCOPE OF EFFORT

a. OXCART Aircraft

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This work authorization is to determine the interface requirements [REDACTED] This data shall include the following:

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1. Logic level of digital data
2. Timing parameters
3. Wave shapes
4. Data characteristics
5. Voltage and impedance levels
6. Interconnection cabling requirements.

b. IDEALIST Aircraft

This work authorization is to determine

the interface requirements [redacted]

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25X1D

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[redacted] This data shall include the following:

1. Logic level of digital data
2. Timing parameters
3. Wave shapes
4. Data characteristics
5. Voltage and impedance levels
6. Interconnection cabling requirements

### III. REPORTS

Prepare a final report stating the results of the efforts accomplished in association with the above scope of effort.

C. Work Authorization C

Statement of Work to Determine the Feasibility of Colocation

[Redacted]

[Redacted]

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25X1D

I. PURPOSE

This work authorization is to determine

a. The feasibility and practicality of co-locating OXCART and IDEALIST aircraft [Redacted]

[Redacted]

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b. The availability and suitability of site equipments to satisfy the stated requirements.

II. SCOPE OF EFFORT

This work authorization provides for the study and formulation of preliminary equipment listings for support of the [Redacted] including:

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a. Survey of existing and/or planned sites to determine:

1. Primary power facilities
2. Floor space and loading
3. Support utilities
4. Terrain topography
5. Antenna Farm layout
6. Detailed equipment inventory
7. Operational limitations.

III. REPORTS

Prepare a final report, including recommendations for the equipment configuration of the various sites. These recommendations shall take into consideration the availability and limitations of the existing equipment and site limitations.

D. Work Authorization D

Statement of Work to Determine Form Factors  
for OXCART Aircraft

[Redacted]

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I. PURPOSE

This work authorization is to make a preliminary determination of the form factors necessary for the installation [Redacted] on the OXCART aircraft.

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II. SCOPE OF EFFORT

This work authorization shall define the following:

- a. Available areas that may be used for installation of [Redacted]
- b. Mounting Structure requirements
- c. Interconnection cabling restrictions
- d. Possible sources of electrical interference
- e. Air flow quantity and temperature in selected areas
- f. Equipment removal and replacement factors.

25X1D

III. REPORTS

Prepare a final report stating the results of the efforts accomplished in association with the above scope of effort.

E. Work Authorization E

Statement of Work to Determine Form Factors  
for IDEALIST Aircraft

[Redacted]

[Redacted]

25X1D

I. PURPOSE

This work authorization is to make a preliminary determination of the form factors necessary for the installation [Redacted] on the IDEALIST aircraft.

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II. SCOPE OF EFFORT

This work authorization shall define the following:

a. Available areas that may be used for installation of [Redacted]

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b. Mounting Structure requirements

c. Interconnection cabling restrictions

d. Possible sources of electrical interference

e. Air flow quantity and temperature in selected areas

f. Equipment removal and replacement factors.

III. REPORTS

Prepare a final report stating the results of the efforts accomplished in association with the above scope of effort.