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ATTACHMENT A

STATEMENT OF WORK

CORONA TARGETING PROGRAM (CTP) VALUE FUNCTION STUDY

1. Purpose and Scope

It is the purpose of this study to analyze and compare in detail the performance of the candidate value functions and the display techniques for operational use with the Corona J-3 system. Results of this study should provide sufficient in-depth understanding to allow selection of the detailed value algorithms for implementation in the CTP. This study will be concerned specifically with the ability of the candidate value functions to satisfy stated objectives under varying sets of conditions including but not restricted to active mission life, allowable film load, launch schedules and coverage requirements. It will also concern techniques of data displays for use by the Mission Controller.

2. Tasks

The Contractor shall perform, within the manpower limitations as set forth in the contract, the following tasks:

2.1 Value Function Studies

The Contractor shall conduct such studies as are required to justify conclusively selection of the value function algorithms for implementation in CTP. These studies shall also include in-depth demonstration via computer simulation of threshold control techniques that are integral to the value function concept.

2.2 Control Display Studies

The Contractor shall conduct such studies as are required to define and demonstrate the characteristics of the data displays for effective use by the Mission Controller for both automatic and manual camera operation selection.

2.3 Documentation

The Contractor shall prepare a final report presenting all data and results pertinent to the conclusions of the studies.

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2.4 Reporting

No formal progress reports shall be required. The Customer shall, however, conduct periodic oral reviews of the progress and status of the studies, and periodically be provided with memoranda on significant results and conclusions as available.

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ATTACHMENT B

DELIVERY SCHEDULE
CTP VALUE FUNCTION STUDY

<u>Task</u>	<u>Document</u>	<u>Delivery Schedule</u>
A.	Final Report	29 March 1968

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ATTACHMENT C

PRICING SUMMARY

	JAN (152)	FEB (160)	MAR (200)	TOTAL
MTS (8.88/hr)				
hr.	300	320	360	980
\$				8702
TS (5.65/hr)				
hr.	25	40	50	115
\$				650
C & S (3.14/hr)				
hr.	40	40	50	130
\$				<u>408</u>
				(9760)
O.H. @ 111%				(10,834)
P.A. (13.09/hr)				
hr.	100	60	60	220
\$				2880
Travel				817
Tech. Serv.				50
Comm.				50
ODC Subtotal				(3797)
Subtotal				(24,391)
G & A @ 11.8%				2878
Total Est. Cost				(27,269)
Profit @ 10%				2727
Total				(29,996)

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ATTACHMENT C (cont'd)

PRICING INFORMATION

1. Scope of Work - Statement of Work, Attachment A
2. Period of Performance - 2 January 1968 through 29 March 1968
3. Labor
 - A. 512 work hours available during period
 - B. Average manpower levels:

	1968			
	Jan.	Feb.	March	Total
MTS	2.00	2.00	1.80	5.80
C/S	.26	.25	.25	.76
TS	.17	.25	.25	.67

C. Average rate/hour

MTS	8.88
C/S	3.14
TS	5.65

4. Overhead and General Administrative Expenses

On November 20, 1967 SETS requested DCSAR approval of the following bidding rates:

	Overhead	G & A
CY-1968	111.0%	11.8%

5. Other Direct Costs (ODC)

A. Programmer/Analysts - 220 hours @ 13.09/hour

B. Travel

2 Trips, LA-Washington @ \$408.50 each = \$ 817.00

5 Trips, LA-San Francisco @ \$ 50.00 each = \$ 250.00

Total Travel = \$1,067.00

C. Technical Services - Reproduction = \$50.00

D. Communications (Special Telephones) = \$50.00

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