Approved for Release: 2017/04/04 C05101324

C-SECRET

JRA-164
Copy <u>80 /</u> of <u>00 5</u>
Total pages: 6
COR-6300-65

2 January 1968

and the second s
MEMORANDUM FOR:

(b)(1) (b)(3)

SUBJECT:

Contract Proposal for Corona Targeting Program (CTP) Value Function Study, Our S.O. No. 10966.000

- 1. TRW Systems proposes that Contract AM-2010 be amended to incorporate special study tasks in support of the CORONA Program.
- 2. The scope of the proposed study and delivery schedule for documentation products of the study are set forth in Attachments A and B.
- 3. We propose to perform the study during the period 2 January 1968 through 29 March 1968 for a total price of \$29,996 including O/H, G&A, and profit. This price quotation is based upon terms, conditions, O/H, G&A, and profit rates negotiated for Contract AM-2010. A pricing summary, funding requirements, and supporting data are presented in Attachment C.
- 4. If we may furnish any further technical information concerning the proposal, please contact C. W. Besserer (phone 670-8762). For contractual matters, please contact P. E. Stech (phone 679-2732), who is authorized to negotiate in our behalf.

Richard D. DeLauer

-C-SECRET



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.



Approved for Release: 2017/04/04 C05101324

SECRET

JRA-164 Page 3

ATTACHMENT A (cont'd)

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.



Approved for Release: 2017/04/04 C05101324

SECRET

JRA-164 Page 4

ATTACHMENT B

DELIVERY SCHEDULE CTP VALUE FUNCTION STUDY

Task Document Delivery Schedule

A. Final Report 29 March 1968

-SECRET -

SECRET

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
\$				408
				(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)

SECRET

SECRET

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

