

**AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT**

CAM/dmd

1. AMENDMENT/MODIFICATION NO. **P00002** 2. EFFECTIVE DATE **75JUL01** 3. REQUISITION/PURCHASE REQUEST NO. **FY76207500824 Amd 5** 4. PROJECT NO. (If applicable)

5. ISSUED BY **Hq Electronic Systems Division (AFSC)  
Deputy for Command & Management Sys (MCP)  
Hanscom AFB, MA 01731** CODE **FQ7620** 6. ADMINISTERED BY (If other than block 5) CODE **FQ7620**

7. CONTRACTOR NAME AND ADDRESS CODE **2K601** FACILITY CODE

**HONEYWELL INFORMATION SYSTEMS, INC.**  
 7900 Westpark Drive  
 Fairfax County  
 McLean, VA 22101

8. AMENDMENT OF SOLICITATION NO. \_\_\_\_\_ DATED \_\_\_\_\_ (See block 9)

MODIFICATION OF CONTRACT/ORDER NO. **F19628-74-C-0193** DATED **74JUN28** (See block 11)

9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers  is extended,  is not extended. Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods:

(a) By signing and returning \_\_\_\_\_ copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (If required)

See Section K, revised as attached OBLIGATED: \$523,000

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS

(a)  This Change Order is issued pursuant to \_\_\_\_\_ The changes set forth in block 12 are made to the above numbered contract/order.

(b)  The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.

(c)  This Supplemental Agreement is entered into pursuant to authority of 10 USC 2304(a)(11)

It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF AMENDMENT/MODIFICATION

Consolidated estimated contract cost information;

	Government Share	Contractor Share	Share Ratio
Basic Contract	\$ 595,940	\$ 297,970	50/50
S/A P00002	\$ 1,060,000	\$ 742,000	70/30
TOTAL	\$ 1,655,940	\$ 1,039,970	\$ 615,970

2. Reference P00001 dated 75MAR04: Delete the following:

Block 6: DCASD, Baltimore  
 Bldg 22, Fort Holabird  
 Baltimore, MD 21219

*Robert A. Lee*

MAILING DATE JUN 30 1975

Production and Production

Except as provided herein, all terms and conditions of the document referenced in block 8, as heretofore changed, remain unchanged and in full force and effect.

13.  CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT  CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 2 COPIES TO ISSUING OFFICE

14. NAME OF CONTRACTOR/OFFEROR BY *C.D. Edwards* (Signature of person authorized to sign)

17. UNITED STATES OF AMERICA BY *James F. Russo* (Signature of Contracting Officer) **DUPLICATE ORIGINAL**

15. NAME AND TITLE OF SIGNER (Type or print) **C.D. Edwards  
Director, Air Force-Programs** 16. DATE SIGNED **6-27-75** 18. NAME OF CONTRACTING OFFICER (Type or print) **JAMES F. RUSSO** 19. DATE SIGNED **6-30-75**

DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS ELECTRONIC SYSTEMS DIVISION (AFSC)  
LAURENCE G. HANSCOM FIELD, BEDFORD, MASSACHUSETTS 01730

RECEIVED

108 1 1987

J. H. SALTZER

Massachusetts Institute of Technology  
545 Technology Square  
Cambridge, MA 02139

Attention: Prof. Jerome Saltzer

Dear Prof. Saltzer:

Attached for your information is a copy of a recent amendment to our contract with Honeywell for the development of a security kernel for Multics. As you know, Honeywell intends to issue a subcontract to MIT for a portion of the effort.

Sincerely,

*Frank J. Emma*

FRANK J. EMMA, Colonel, USAF  
Director, Information Systems  
Technology Applications Office  
Deputy for Command & Management Systems

Atch:  
Amendment

3. The following Sections of the contract are hereby modified to incorporate the contract expansion and extension negotiated between the Government and the contractor.

Delete Section E in its entirety and insert the following Section E:

E. Supplies/Services and Prices

1. Line Item 0001 - Security Kernel Evaluation for MULTICS  
Line Item 0002 - Data for Line Item 0001 and 0003  
Line Item 0003 - Front End Processor Development

2. Cost

- a. The cost sharing formula agreed upon between the parties hereto, to the estimated cost set forth herein, and any increase thereto pursuant to the clause of this contract entitled "Limitation of Funds" Clause (cost-sharing) (1966 Oct) is fifty percent (50%) for the period of performance through 30 June 1975; thereafter, the cost sharing formula agreed upon is seventy percent (70%).

- b. The total estimated cost for performance of the effort under Modification No P00002 is \$1,060,000 of which it is agreed that the Government will provide \$742,000 and the contractor will provide \$318,000 for the period specified in Section H.

- c. LIMITATION OF FUNDS

- The sum allotted to this contract and available for payment of work under Line Items 0001, 0002, and 0003 from the effective date of Modification P00002 through 75 Sep 15, in accordance with the clause entitled "Limitation of Funds" is \$820,970.

Delete Section F in its entirety and insert the following Section F:

F. Description/Specifications

"Line Item 0001 - Develop the functional interface to a security kernel for the MULTICS Computer Operating System and evaluate the future work required to design and implement security software on the MULTICS system in accordance with Attachment No. 1 entitled "Statement of Work for Security Kernel Evaluation for MULTICS" dated 74JUN24 (Revised) attached hereto and made a part hereof, as revised by The Statement of Work for Secure MULTICS Design, Development and Certification, dated 22 June 1975 (Revised), attached hereto and made a part hereof."

"Line Item 0002 - Data for Line Items 0001 and 0003 in accordance with DD Form 1423, Contract Data Requirements List, Exhibit 'A' (Revised) dated 74 Jun 17, attached hereto and made a part hereof, as revised by Exhibit 'A', Amendment No. 1 to Contract Data Requirements List, DD Form 1423 (Revised), dated 75 Jun 12, consisting of Title Page, Pages 1 through 4, and 4 back-up sheets (undated) attached hereto and made a part hereof."

"Line Item 0003 - Develop the design of a security kernel and applications software and the design of hardware security modifications for a front end processor for the MULTICS computer and evaluate the security requirements for other applications in accordance with Attachment 1 entitled "Secure MULTICS Design, Development and Certification" dated 22 June 1975, Paragraph 4.8 entitled "Secure Front End Processor" attached hereto and made a part hereof.

H. Deliveries or Performance

Revise Paragraph 1.b as follows:

<u>Item</u>	
Line Item 0001	Delete: 75 Jun 30
	Add: 75 Dec 31
Add: Line Item 0003	75 Dec 31

Add Paragraph 1.d: The period of performance for the efforts under Modification No. P00002 is 1 Jul - 31 Dec 75.

Add: 1 e: The Government recognizes that the work to be performed pursuant to the Statement of Work which is not specified deliverable may be incomplete.

Revise Section J, Special Provisions, as follows:

2. DATA RIGHTS AGREEMENT

Delete Paragraphs (a) and (b) in their entirety and insert the following:

a. Except as provided in Paragraph (b) below, the technical data requirements listed in Part II, F, of this Schedule (Sequence No.(s) A001, A002, A003, A004, A005, A006, A010, A011, A012, A013, A014, A018, A019, A020, A021, A022, of the DD Form 1423) insofar as they describe any end item, component, modification or process which, as of the effective date of this contract the contractor intends to use in the performance of this contract, fall within one or more of the nine categories described in Paragraph b(1)(i) through (ix) of the clause entitled "Rights in Technical Data and Computer Software (1974 Nov)" and are therefore to be furnished with unlimited rights. Nothing in the Data Rights Agreement shall affect the contractor's rights under Paragraph h of the above-mentioned data clause.

b. Technical data listed in Part II, F, of the schedule (Sequence No.(s) A0007, A0008, A0009, A015, A016, A017 of the DD Form 1423), pertaining to the proprietary data related to the hardware and software design and implementation of the MULTICS System fall within the category described in Paragraph b(2)(i) and (ii) of the clause entitled "Rights in Technical Data and Computer Software (1974 Nov)" and are therefore to be furnished with limited rights.

Section J.6.a - Access for Use - Add the following sentence to the end of paragraph a:

Computer costs for the effort required by this modification are estimated at \$69,000 and as such are part of the allowable costs under this contract as modified.

Add the attached Special Provision J-7, entitled "Allowable Cost and Payment" (1974 APR).

Section K - Contract Administration Data

Delete Paragraphs 1, 2, 3, and 5 in their entirety and insert the following:

1. Submit Services/Vouchers to:

Resident Office, Defense Contract Audit Agency  
Hoffman Building 2  
200 Stovall Street  
Alexandria, VA 22314

2. Mail Payments to:

Honeywell Information Systems, Inc.  
P.O. Box 1877  
Newark, NJ 07101

3. Buyer:

Capt Charles A. Madole, MCP, Area Code 617-861-3269

5. Payment Instructions: Payments shall be made in the following order:

a.	5753600 295 4702 P675550 000000 00000 63728F 503901	\$ 43,000
	RADC/ESD PD 75-2/2	
b.	5753600 295 4750 677820 000000 00000 33401F 678100 F78100	\$150,000
c.	97504004300 24 79 55JT 1262 549204 DC4536	\$ 80,000
d.	5753400 305 53 03 030 520 09 582 S503701	\$250,000
	OAS75-39/3 dated 9 June 1975	\$523,000

Section L - General Provisions

L.1 Add the following to the end of Paragraph 1:

The following revised clauses shall apply to the effort defined

SF 26, BLOCK 20

The Government's share is increased by \$742,000 from \$297,970 to \$1,039,970.

The Contractor's share is increased by \$318,000 from \$297,970 to \$615,970.

4. Approval of Contract (1949 JULY). This contract shall be subject to the written approval of the Secretary or his duly authorized representative and shall not be binding until approved.