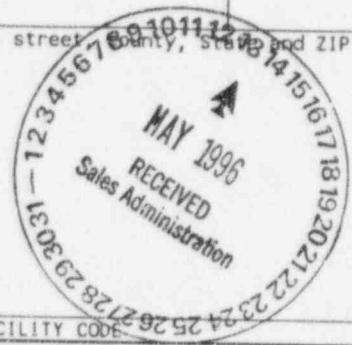


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

05824

1. CONTRACT ID CODE		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. Three (3)	3. EFFECTIVE DATE May 3, 1996	4. REQUISITION/PURCHASE REQ. NO. RFPA RES 96-043 dtd 4/11/96	5. PROJECT NO. (If applicable) RES-C96-102
6. ISSUED BY Washington, DC 20555 Division of Contracts Technical Acquisitions Branch No. 2 Mail Stop 17-12	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, city, state and ZIP code) CANNBERRA Industries, Inc. Nuclear Products Group 800 Research Parkway Meriden, CT 06450 TIN: 060676652 Principal Investigator/Technical Contact: John M. Hegarty Telephone No: (203) 639-2348		9A. AMENDMENT OF SOLICITATION NO.	
		9B. DATED (SEE ITEM 11)	
		10A. MODIFICATION OF CONTRACT/ORDER NO. X NRC-04-96-043	
		10B. DATED (SEE ITEM 13) 12/14/95	
CODE	FACILITY CODE		



11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. 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 completing Items 8 and 15, and returning _____ copies of the 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 PLACE DESIGNATED FOR THE RECEIPT OF OFFERS 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 each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
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 ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: H.5 Engineering Changes (ADPR)(JUN 1988), Changes Clause and mutual agreement of the parties.
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 02 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See the next page.

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NRC-04-96-043 PDR

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) John Hegarty / Project Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Elois Wiggins, Contracting Officer
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 5/14/96
16B. UNITED STATES OF AMERICA BY <i>Elois Wiggins</i> (Signature of Contracting Officer)	16C. DATE SIGNED 5/2/96

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

DFR20

The purpose of this modification is to:

1. accept Canberra Industries engineering change proposal letter dated March 26, 1996, by authorizing Canberra to revise the equipment listing, subsection C.3.1 by:

deleting certain obsolete original equipment items and replacing with new replacement items;

<u>Original Items (Obsolete)</u>	<u>Replacement Item</u>
1. 759663 (0.9m) 3ft, color video cable	ABIF 10205A-8: 3ft color video cable
2. 862198: 535MB Disk Drive RZ25L	ABIF 10205A-9: RS26L-EM 1.05GB Disk Drive
3. ABIF 10205-4: Expansion Box w/TZK11 QIC tapes	ABIF 10770-1: TZK11-DA 2GB Qic Tape Drive in Table Top enclosure
4. 5522-2: HP Laserjet 4 Plus	ABIF 10750-1: LN14A DEC Laser Printer (220V)

2. accepting this engineering change at no additional cost to the government;
3. revising the contract expiration date to June 30, 1996, in order to:
(1) allow CANBERRA INDUSTRIES an opportunity to ship the NRC approved hardware items shown in item 1 above to the PHEBUS project in Cadarache France, (2) allow CANBERRA an opportunity to complete the analysis portion of the software update, (3) and allow CANBERRA the opportunity to perform system installation after receiving installation dates from the PHEBUS Project Manager in Cadarache France, which will occur after meltdown testing. This modification also confirms the April 26, 1996, telecon message left by Donald King, NRC, to Bob Huckins of CANBERRA INDUSTRIES, in which CANBERRA INDUSTRIES was provided a verbal authorization to continue work;
4. and add additional software enhancement modifications to the User Interface portion of the software development and the existing Monte Carlo Program which is offered by CANBERRA INDUSTRIES as consideration as a result of the Government authorization of a contract extension);

Accordingly, the following section of the contract are hereby modified:

1. Subsection C.3.1 is deleted entirely and the following is substituted in-lieu thereof:

C.3.1 Provide the following hardware, documentation and user licenses as delineated in the following table.

ITEM			QTY
1.	ABIF	10676-1 VS4000/96	1
2.	ABIF	10205A-8: 3ft COLOR VIDEO CABLE	1
3.	ABIF	10205A-9: RS26L-EM 1.05GB DISK DRIVE	1
4.	759668	SCS1-2 CABLE (3F)	1
5.	480837WB	VS4000 NAS250 LICENSE-B	1
6.	480836WB	OPENVMB WS BASE AND 1 USER LIC-B	1
7.	075016	OPENVMS BASE USER DOCUMENTATION	1
8.	CA130	BNC TEE (ONE MALE, TWO FEMALE)	1
9.	480198AL	S600 VMS SPEC APPS LIC (INCLUDES ENGLISH LANGUAGE KIT AND UTILITIES SOFTWARE)	1
10.	480726A1	S618 VMS GENIE ESP-L 1-USER LIC	1
11.	070196	GENIE OPERATOR'S MANUAL (Excludes VMS Operating System Documentation)	1
12.	ABIF	10205A-10 16MB RAM	1
13.	480201AL	S601 VMS NUCLIDE ID UNL USE LIC	1
14.	480206AL	S602 VMS DETECTOR QA UNL USE LIC	1
15.	480539AL	S615 VMS PRINT/PLOT UTIL UNL USER LIC	1
16.	480734AR	GENIE APPS CONSOL DIST/CDROM	1
17.	ASM-S	PHEBUS SPECIAL SOFTWARE LICENSE	1
18.	ASM-SS	SOFTWARE REQUIREMENTS SPEC	1
19.	ABIF	10205-1 VRC21-PA 21" COLOR MONITOR	1
20.	ABIF	10205-2 CD-ROM DRIVE	1
21.	ABIF	10205-3 2.1GB DISK	1
22.	ABIF	10770-1: TZK11-DA 2GB QIC TAPE DRIVE IN TABLE TOP ENCLOSURE	1
23.	ABIF	10205-5 BOX OF 5 QIC TAPES	1
24.	ABIF	10205-6 CONSOLIDATED DISTRIBUTION	1
25.	ABIF	10750-1: LN14A DEC LASER PRINTER (220V)	1
26.	862502	25-PIN FEMALE TO MMJ Adapter	1
27.	759624	3.05 (10 FT) MMJ SERIAL CABLE	1
28.	862504	9-PIN MALE TO 25-PIN FEMALE SERIAL ADAPTER	1
29.	ABIF	10210-6 LA70-CB EUROPEAN PERSONAL PRINTER	1
30.	ABIF	10676-2 French Keyboard	1

2. Under subsection C.4.2 add the following paragraph:

The Contractor shall furnish additional software enhancement modifications by:

- a. providing user definable labelling ability for both primary and secondary collimators into the User Interface portion of the software development;
- b. providing the ability to regulate the positioning of the primary and secondary collimators, as well as the limit functional positions into the User Interface portion of the software development;
- c. removing the Ion Chamber Display and associated adjustment of entry fields into the User Interface portion of the software development;

- d. providing software development for calculating error in relative efficiency, setting of relative efficiency and associated operability with an existing Monte Carlo Program which calculates efficiency associated with certain measurements with the original Phebus program.
3. Contract clause F.4 "entitled" DURATION OF CONTRACT PERIOD (MAR 1987) ALTERNATE 3 (MAR 1987) is deleted in its entirety and the following is substituted in lieu thereof:

Although the Government contemplates use of the system(s) (hardware and software) for the system's life of 3 years from date of installation, the term of this contract shall commence on the effective date and will expire June 30, 1996.

A summary of obligations for this contract, from award date through the date of this action is given below:

"Total FY96 obligation amount \$181,030.00

Cumulative Total of NRC Obligation \$181,030.00

This modification does not obligate FY96 funds.

Except as provided herein, all other terms and conditions of Contract NRC-04-96-043 remain unchanged and in full force and effect.