

STANDARD FORM 29, JULY 1956 GENERAL SERVICES ADMINISTRATION FED. PROC. REG. (41CFR) 1-16.101		AWARD/CONTRACT		PAGE 1	OF 5
1. CONTRACT (Proc. Inst. Instr.) NO. NRC-04-81-197		2. EFFECTIVE DATE 11-14-80	3. REQUISITION/PURCHASE REQUEST/PROJECT NO. RFPA RES-81-197	4. CERTIFIED FOR NATIONAL DEFENSE UNDER BDSA REG. 2 AND/OR DMS REG. 1. RATING:	
5. ISSUED BY US Nuclear Regulatory Commission Division of Contracts, SPS Washington, DC 20555		6. ADMINISTERED BY (If other than block 5)	7. DELIVERY FOB DESTINATION <input type="checkbox"/> OTHER (See below)		
8. CONTRACTOR NAME AND ADDRESS Aerospace Corporation ATTN: Eleanor Livada PO Box 92957 Los Angeles, California 90009		9. DISCOUNT FOR PROMPT PAYMENT NA	10. SUBMIT INVOICES (4 copies unless otherwise specified) TO ADDRESS SHOWN IN BLOCK 12		
11. SHIP TO/MARK FOR US Nuclear Regulatory Commission ATTN: D. McPherson, 1130-SS RES/Div. of Reactor Safety Research Washington, DC 20555		12. PAYMENT WILL BE MADE BY US Nuclear Regulatory Commission Office of the Controller Washington, DC 20555			
13. THIS PROCUREMENT WAS <input type="checkbox"/> ADVERTISED, <input checked="" type="checkbox"/> NEGOTIATED, PURSUANT TO:		10 U.S.C. 2304 (a)(1) <input checked="" type="checkbox"/> 41 U.S.C. 252 (c)(3)			
14. ACCOUNTING AND APPROPRIATION DATA B&R: 60190120 FIN: B-7490					
15. ITEM NO.	16. SUPPLIES/SERVICES	17. QUANTITY	18. UNIT	19. UNIT PRICE	20. AMOUNT
	Consultant to LOFT Special Review Group				\$9,251.00
	Letter from Aerospace Corp. No. 1510-1649 dated December 16, 1980 ^{1/2} made part of this contract, and is attached hereto.				
21. ESTIMATED TOTAL AMOUNT OF CONTRACT					\$9,251.00
22. <input checked="" type="checkbox"/> CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return 3 copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)					
25. <input type="checkbox"/> AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number _____, including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.					
23. NAME OF CONTRACTOR THE AEROSPACE CORPORATION BY <u>S.M. Culver</u> (Signature of person authorized to sign)			27. UNITED STATES OF AMERICA BY <u>Joyce Perlman</u> (Signature of Contracting Officer)		
24. NAME AND TITLE OF SIGNER (Type or print) C M. CULVER, Director of Contracts		25. DATE SIGNED 12/16/80	28. NAME OF CONTRACTING OFFICER (Type or print) JOYCE PERLMAN		29. DATE SIGNED 12/29/80

810 1290 341

THE AEROSPACE CORPORATION



Post Office Box 92957, Los Angeles, California 90009, Telephone: (213) 648-5000

1510-1649
16 December 1980

CIS/FRS REVIEW / COMPLETED
Operator
Initials <i>MC2</i>
Date <i>12/19/80</i>

U.S. Nuclear Regulatory Commission
Division of Contracts, SPS
Washington, D.C. 20555

Attention: Mary Little
Subject: Contract NRC-04-81-197

Gentlemen:

As requested, three (3) copies of the subject contract and one (1) copy of required Representations, Certifications and Acknowledgements, signed on behalf of The Aerospace Corporation, are attached.

In accordance with a 2 December 1980 telephone conversation between yourself and E. Livada/Aerospace, the following additions/deletions have been incorporated in the contract document:

1. Article IV. The phrase "the fixed price of \$9,251.00." has been typed and initialed.
2. Article V. The amount of "\$10,000.00" has been ink changed and initialed to "\$9,251.00."
3. Certification No. 9. The words "..... in Part IV" have been deleted and initialed in the last paragraph, last line, as discussed in a 5 December 1980 telephone discussion.

Further, Article II indicates the possibility of Dr. Finlayson attending up to four meetings in the Washington, D.C. area. As discussed, our pricing for travel expenses was based on two-one day trips to Washington, D.C. and one-three day trip to Idaho Falls. A copy of our Price Breakdown and supporting rationale is attached for your information.

It is requested that a copy of the fully executed document be returned at your earliest convenience.

Very truly yours,

THE AEROSPACE CORPORATION

L. J. Barnes, Manager
Contracts Management Office

ETL:lr

Attachments: As Noted

An Equal Opportunity Employer

GENERAL OFFICES LOCATED AT: 2350 EAST EL SEGUNDO BOULEVARD, EL SEGUNDO, CALIFORNIA

ARTICLE I - BACKGROUND

The LOFT special review group was established at the direction of the Commission for the purpose of reviewing the LOFT program, and to consider the recommendation of the ACRS that LOFT be decommissioned in 1983. The review shall be technical in nature, focussing on, but not limited to, the benefits expected from the program planned for the FY 1981 to FY 1983 period. The primary purpose of the group is to consider whether LOFT should be decommissioned by FY 1983, as recommended by the ACRS. The group would be expected to consider the LOFT program from the perspective of the NRC's overall research program and in terms of the needs of reactor regulation.

ARTICLE II - SCOPE OF WORK

The Contractor shall participate as a consultant to the NRC LOFT special review group. In this capacity, he shall attend up to four meetings in the Washington, DC area and one meeting at the LOFT facility in Idaho. The Idaho meeting shall last at least three days, during which time the Contractor shall receive a briefing on the facility and observe the LOFT test L3-6.

The initial LSRG Meeting/RES Briefing is scheduled for Monday, November 17, 1980, at 10:00 AM in Room P-422 of the Phillips Building, 7920 Norfolk Avenue, Bethesda, Maryland. The following is a tentative schedule:

November 25 - December 7, 1980	Meet with NRC Sponsors/Industry Representatives
December 10, 1980 (Tentative)	INEL (LOFT Test L3-6)
January 1, 1981	Report Subsections to Chairman
January 10, 1981	Draft Report to Members
January 20, 1981	Final Meeting to Agree on Report
February 1, 1981	Final Report To Commission/Commission Briefing

As deliverables, the Contractor shall provide written reports which will be incorporated into the final report to the Commission on the advisability of continuing the LOFT program.

Firm due dates shall be set up by the group as a whole; however, the final report is due to the Commission February 3, 1981. It is anticipated that there may be one meeting (included in the four) to brief the Commission on the final report after February 3, 1981.

ARTICLE III - PERIOD OF PERFORMANCE

The period of performance shall commence on November 14, 1980 and all work shall be completed by March 15, 1981.

ARTICLE IV - CONSIDERATION

In full consideration of the Contractor's performance hereunder, the NRC shall pay the Contractor the fixed price of \$9,251.00. *fmj*

The Contractor will be reimbursed for the following reasonable domestic travel costs incurred directly and specifically in the performance of this contract and accepted by the Contracting Officer:

1. Per diem shall be reimbursed at a daily rate not to exceed \$50.00. The per diem amount is comprised of lodging expense plus \$23.00 for meals and miscellaneous expense.
2. When travel is to one of the high-rate geographical areas listed below, actual subsistence costs shall be reimbursed at a daily rate not to exceed the rates indicated:

Washington, DC - \$75.00
3. The cost of travel by privately owned automobile shall be reimbursed at the rate of 22.5¢ per mile.
4. The cost of travel by rented automobile shall be reimbursed on a reasonable actual expense basis.
5. All common carrier travel reimbursable hereunder shall be via economy class rates when available. If not available, reimbursement vouchers will be annotated that economy class accommodations were not available. First-class air travel is not authorized.
6. Receipts are required for common carrier transportation, lodging, and miscellaneous items in excess of \$15.00.

ARTICLE V - OBLIGATIONS

The amount presently obligated by the NRC with respect to this contract is ~~\$10,000.00 (ten thousand dollars).~~ *\$9,251.00, fmj*

ARTICLE VI - PAYMENT

Pursuant to Article 2 of the General Provisions entitled "Payments," partial payments are hereby authorized for services rendered, travel, and per diem, and shall be made upon submission by the Contractor of voucher(s) in a form satisfactory to the Contracting Officer, provided, however, that said payment(s) shall not be deemed to prejudice any rights which the Government may have by law or under other provisions of this contract.

Final payment shall be made upon completion and acceptance of the final report.

ARTICLE VII - SPECIAL PROVISIONS

VII.1 PROJECT OFFICER

Performance of the work hereunder shall be subject to the technical instructions issued by the US Nuclear Regulatory Commission. The technical instructions shall be signed by the Project Officer.

The Project Officer is responsible for:

1. monitoring the Contractor's technical progress, including the surveillance and assessment of performance and recommending to the Contracting Officer changes in requirement;
2. interpreting the statement of work;
3. performing technical evaluation as required;
4. performing the technical inspections and acceptances required by this contract; and
5. assisting the Contractor in the resolution of technical problems encountered during performance.

Within the purview of this authority, the Project Officer is authorized to approve payment vouchers for supplies/services required under the contract. The Contracting Officer is responsible for directing or negotiating any changes in terms, conditions, or amounts cited in the contract.

For guidance from the Project Officer to the Contractor to be valid, it must:

1. be consistent with the description of work set forth in this contract;
2. not constitute new assignment of work or change of the expressed terms, conditions, or specifications incorporated into this contract;
3. not constitute a basis for an extension to the period of performance or contract delivery schedule; and
4. not constitute a basis for any increase in the contract price.

If the Contractor receives guidance from the Project Officer which the Contractor feels is not valid under the criteria cited above, the Contractor shall immediately notify the Project Officer. If the Project Officer and the Contractor are not able to resolve the questions within five days, the Contractor shall notify the Contracting Officer.

VII.2 INSPECTION AND ACCEPTANCE

Acceptance of the services and reports to be delivered herein will be made by the Project Officer.

VII.3 DISSEMINATION OF CONTRACT INFORMATION

The Contractor shall not publish, permit to be published, or distribute for public consumption any information, oral or written, concerning the results or conclusions made pursuant to the performance of this contract without the prior written consent of the Contracting Officer. (Two copies of any material proposed to be published or distributed shall be submitted to the Contracting Officer.)

VII.4 KEY PERSONNEL

For the purpose of Clause 26 of the General Provisions, Dr. Fred Finlayson is identified as being essential to the work being performed.

ARTICLE VIII - GENERAL PROVISIONS

The contract is subject to the Fixed Price Research and Development Contracts Under \$10,000.00, dated November 14, 1977, which incorporates the FPR Changes and Additions and NRC Additions, attached hereto and made a part hereof.

Clause 14 entitled "Patent Rights - Acquisition by the Government" is deleted in its entirety.