

AWARD/CONTRACT

1. CONTRACT (Proc. Inst. Ident.) NO. NRC-04-81-195-01		2. EFFECTIVE DATE	3. REQUISITION/PURCHASE REQUEST/PROJECT NO. RFPA RS-RES-81-195 dtd 2/23/81	4. CERTIFIED FOR NATIONAL DEFENSE UNDER DDSA REG. 2 AND/OR DMS REG. 1. RATING.
5. ISSUED BY U. S. Nuclear Regulatory Commission Division of Contracts Washington, DC 20555		6. ADMINISTERED BY <i>(If other than block 5)</i>		7. DELIVERY FOR DESTINATION <input checked="" type="checkbox"/> NATION <input type="checkbox"/> OTHER (See below)

8. CONTRACTOR NAME AND ADDRESS <i>(Street, city, country, State, and ZIP code)</i> Purdue Research Foundation Hovde Hall West Lafayette, IN 47907		9. DISCOUNT FOR PROMPT PAYMENT
10. SUBMIT INVOICES (4 copies unless otherwise specified) TO ADDRESS SHOWN IN BLOCK _____		

11. SHIP TO/MARK FOR U. S. Nuclear Regulatory Commission Office of Nuclear Regulatory Research Attn: A. Murphy Washington, DC 20555	12. PAYMENT WILL BE MADE BY U. S. Nuclear Regulatory Commission Office of the Controller Washington, DC 20555
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13. THIS PROCUREMENT WAS ADVERTISED, NEGOTIATED, PURSUANT TO: 10 U.S.C. 2304 (a)(1) 41 U.S.C. 252 (c)(1)

14. ACCOUNTING AND APPROPRIATION DATA
 B&R No. 60-19-02-10 FIN No. B8077 \$110,000.00*

15. ITEM NO.	16. SUPPLIES/SERVICES	17. QUANTITY	18. UNIT	19. UNIT PRICE	20. AMOUNT
	<p>YOUR OFFER TO PERFORM THE WORK ENTITLED, "GEO-PHYSICAL-GEOLOGICAL STUDIES OF POSSIBLE EXTENSIONS OF THE NEW MADRID FAULT ZONE" IS HEREBY ACCEPTED IN ACCORDANCE WITH YOUR TECHNICAL PROPOSAL DATED APRIL 20, 1981 AS AMENDED JULY 17, 1981. THIS AWARD OF A COST REIMBURSEMENT CONTRACT IS A RESULT OF A COMPETITIVE PROCUREMENT RFP-RES-81-195 TASK A.</p> <p>PERIOD OF PERFORMANCE: THREE YEARS FROM EFFECTIVE DATE OF THIS CONTRACT.</p> <p>*INCREMENTAL FUNDING OF \$110,000.00 IS PROVIDED BY THIS ACTION. THE REMAINING \$189,999.00 WILL BE PROVIDED SUBJECT TO THE AVAILABILITY OF FUNDS.</p>				

21. ESTIMATED TOTAL AMOUNT OF CONTRACT \$ 299,999.00
 CONTRACTING OFFICER WILL COMPLETE BLOCK 22 OR 26 AS APPLICABLE

22. <input checked="" type="checkbox"/> CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return 4 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.)	26. <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.
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23. NAME OF CONTRACTOR PURDUE RESEARCH FOUNDATION BY: <i>[Signature]</i> (Signature of person authorized to sign)	27. UNITED STATES OF AMERICA BY: <i>[Signature]</i> (Signature of Contracting Officer)
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24. NAME AND TITLE OF SIGNER (Type or print) Robert A. Greenhorn Vice President for Programs	25. DATE SIGNED 9-25-81	28. NAME OF CONTRACTING OFFICER (Type or print) Kellogg V. Morton	29. DATE SIGNED 9-8-81
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26-10: 8110160144 810929
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ARTICLE I - STATEMENT OF WORK

The work to be performed under this contract shall be performed in accordance with the contractor's technical proposal dated April 20, 1981 as amended July 17, 1981.

ARTICLE II - PERIOD OF PERFORMANCE

The performance of work described in ARTICLE I hereof shall commence as of the effective date of this contract and shall continue to completion thereof, estimated to occur within three years after said contract is effective.

ARTICLE III - CONSIDERATION AND PAYMENT (Incrementally Funded Cost Reimbursement)

A. Estimated Cost and Obligation

1. It is estimated that the total cost to the Government for full performance of this contract will be \$ 299,999.00.
2. Total funds currently available for payment and allotted to this contract are \$110,000.00.
3. It is estimated that the amount currently allotted will cover performance in the initiation of contractor effort for approximately fourteen months from the effective date of the contract.

B. Payment

The Government shall render payment to the contractor in approximately thirty (30) days after submission of proper and correct invoices or vouchers.

Additional provisions relating to payment are contained in Article 5 of the General Provisions hereto.

ARTICLE IV - OVERHEAD/GENERAL AND ADMINISTRATIVE RATES

The solicitation ARTICLE is deleted and replaced by the following:

In accordance with Article 35, "Negotiated Overhead Rates - Predetermined," of the Appendix A - General Provisions, the currently specified predetermined overhead rates are as follows:

<u>Rate</u>	<u>Base</u>	<u>Period</u>
41.0%	Modified Total Direct Cost	9/30/81 - 6/30/82

ARTICLE V - KEY PERSONNEL

Add the names: William J. Hinze and Lawrence W. Braile

ARTICLE VII - PROJECT OFFICER

Insert the following name: Andrew Murphy

ARTICLE VIII - TRAVEL REIMBURSEMENT, contained in the solicitation is hereby deleted and replaced by the following ARTICLE which incorporates Purdue University's Official Travel Policy by reference.

"ARTICLE VIII - TRAVEL REIMBURSEMENT

1. The contractor will be reimbursed for reasonable domestic travel costs incurred directly and specifically in the performance of this contract and accepted by the Contracting Officer, in accordance with the contractor's approved travel policy on file with the NRC.
2. The cost of travel by privately owned automobile shall be reimbursed at the mileage rate prescribed by the contractor's established, generally applicable travel policy; provided, however, that such reimbursement shall not exceed the cost of less than first-class travel by common carrier.
3. The cost of travel by rented automobile shall be reimbursed on a reasonable actual expense basis that does not exceed the rates prescribed by the contractor's established, generally applicable travel policy.
4. 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.
5. Reasonable actual costs of lodging and subsistence, or per diem in lieu of actual costs, shall be allowable to the extent that such actual costs or per diem amounts do not exceed the amounts or per diem rates prescribed by the contractor's established, generally applicable travel policy.
6. Receipts are required for common carrier transportation, lodging and miscellaneous items in excess of \$15.00.
7. Any revision to the contractor's established, generally applicable travel policy approved by the cognizant audit agency during the period of performance of this contract shall be effective, without formal modification to this contract, upon delivery to the Contracting Officer of a copy of such revised policy together with evidence of cognizant audit agency approval thereof. "

ARTICLE XI - GENERAL PROVISIONS/ALTERATIONS

The solicitation ARTICLE is deleted and replaced by the following:

This contract is subject to the attached provisions of Appendix A - GENERAL PROVISIONS, entitled, "Cost-Type Contracts for Research and Development With Educational Institutions," as revised 2/15/78. However, Article 46., "Consultant or Comparable Employment Services of Contractor Employees," is deleted in its entirety.