

MEMORANDUM FOR: Dennis J. Dougherty, Chief
Technical Assistance Contracts Branch
Division of Contracts

FROM: Director, Division of Systems Integration

(This form is designed to accommodate varying kinds of procurement requests, including small purchases, sole source actions and competitive solicitations. Inapplicable items or those for which you have not developed information should be left blank. In such cases, project officer should contact Division of Contracts' personnel for appropriate guidance.)

Part I - Project Data

1. It is requested that the Division of Contracts take the following action:

- Issue a Request for Proposal (RFP) Execute a Modification to
- Issue a RFP to firms awarded Contract No NRC-03-80-102
- Basic Ordering Agreement with Purdue University
- (type) Name of Person or Firm
- Award a contract on the basis of our acceptance of a proposal from _____
- in response to an RFP, RFP under a BOA or Interagency Agreement Award a contract on basis
- (IA) of our acceptance of an
- Award a Sole Source Contract Unsolicited Proposal
- to _____
- Name of Person or Firm
- Enter into an Interagency Agreement with: _____
- Name of Agency

2. Title of Project and brief description of work: _____
_____ Energetic Thermal
Interactions"; Technical assessments to estimate the consequences of thermal
interactions, including steam explosions and other related coolant flow
phenomena for LWRs.

If a modification action is requested, briefly describe nature of action:

incremental funding and change in B&R. No.

3. The level of effort required to perform this work is estimated at _____ year(s) and _____ month(s) over a _____ year _____ month period from the effective date of the contract; from _____ month-day-year through _____ month-day-year.

4. The expiration date for receipt of proposals is _____ days after issuance of RFP.

5. A preproposal conference is is not contemplated.

6. No classified information is anticipated.

Classified information is anticipated. See NRC Form 187, attached.

7. The Technical Monitor for this requirement is J. Marchese, telephone number 492-8230; the Project Officer is T. Speis, telephone number 492-9544.

Part II - Funds

1. Estimated Cost: \$513,000 Current FY: \$180,000 (FY-81)
Second FY: (183,000) Third FY: _____

Funds Availability: This certifies that funds in the amount of \$ 180K are available for obligation in the current budget or \$ N/A have been included in this year's budget

for the subject work and/or that estimated funds in the amount of \$ 183,000 have been included in next year's budget request for the work (if work is contemplated beyond this Fiscal Year).

B&R No.: 20-19-11-22 FIN No.: B6836

Appropriation Symbol: 31X0200.201

B. L. Green 12/14/80
Signature of Certifying Officer

Part III - Duplication of Effort

1. I certify that, based on inquiries made with other NRC offices, no unnecessary duplication of effort will result from the conduct of the subject work (less than \$100,000.00).
2. Attached are the certifications executed by each of the members of the Contract Review Board (more than \$100,000.00).
3. Contract Review Board certification requests have been forwarded to Board members for concurrence and/or comments. Completed certifications will be forwarded.

Part IV - Attachments

- Statement of Work (Attachment No.)
- Evaluation criteria and their numerical weights (Attachment No.)
- List of firms to be invited to submit proposals in addition to general public notification (Attachment No.)

- Copy of letter designating Source Evaluation Panel members
(Attachment No. _____)

- Sole Source Justification, if applicable (Attachment No. _____)

- Unsolicited Proposal Justification, if applicable. Approval and execution of a contract with _____ on
Name of Proposer
the basis of an unsolicited proposal is recommended. (Attachment No. _____)

- Contract Review Board Certifications (Attachment No. _____)

- Special Requirements* (Attachment No. _____)

D F Ross
Signature of Director
D. F. Ross, Jr., Director, DSI/NRR
(Designating Official)

*This pertains to instructions concerning schedules, reports, data, Government-furnished equipment, or other special requirements.

- Copy of letter designating Source Evaluation Panel members
(Attachment No. _____)
- Sole Source Justification, if applicable (Attachment No. _____)
- Unsolicited Proposal Justification if applicable. Approval and execution of a contract with _____ on
Name of Proposer
the basis of an unsolicited proposal is recommended. (Attachment No. _____)
- Contract Review Board Certifications (Attachment No. _____)
- Special Requirements* (Attachment No. _____)

Signature of Director
D. F. Ross, Jr., Director, DSI/NRR
(Designating Official)

DISTRIBUTION
Central File
NRR r/f
NRR Contract File (B. Grenier)
Division r/f
Branch r/f
T. Murley, RES
G. Arlotto, STD
K. Otwell, Comptroller
J. Foster, DC
J. Meyer
Concurees

*This pertains to instructions concerning schedules, reports, data, Government-furnished equipment, or other special requirements.

OFFICE	RSB:DSI	RSB:DSI	RSB:DSI	DSI:AD/PS	DSI:AD/PS	DSI:AD/PS	DSI:AD/PS
Surname	Amarchese	B. Grenier	T. Speis	P. Check	G. Arlotto	Corey	DSI:AD/PS
Date	11/1/80	11/7/80	11/7/80	11/1/80	11/1/80	11/1/80	11/1/80