

## AGENCY PROCUREMENT REQUEST

Agency Information: U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Authorized Official: Gerald F. Cranford, Director  
Office of Information Resources  
Management

Technical Contact: Alan M. Dolleck, Computer Systems  
Analyst  
Systems Development Branch  
Division of Computer and  
Telecommunications Services  
Office of Information Resources  
Management

MS P-712, 301-492-4298

Contracts Contact: Mary Jo Mattia, Contracting Officer  
Division of Contracts and Property  
Management  
Office of Administration

MS P-902, 301-492-7133

The service to be provided will be performed primarily for NRC headquarters staff located in the Washington, D.C. metropolitan area, with the possible exception of the occasional requirement to provide support at one of the NRC regional offices.

Project Title and Description: NRC ADP Non-Corporate Systems  
Development and Maintenance

The NRC is responsible for the protection of the public health and safety in the civilian use of nuclear power and nuclear materials. In the performance of its duties, the NRC utilizes a wide variety of automatic data processing tools, encompassing numerous applications, including scientific, engineering, administrative and management information systems. The NRC meets its computing requirements through the utilization of a number of hardware and software platforms, including mainframes, minicomputers and microcomputers (PCs).

The NRC is seeking to extend its current ADP support contract, from its current expiration date of June 4, 1992, to function as a bridge contract to continue to provide the necessary personnel to develop, maintain, improve, document, implement and otherwise manipulate automated computer systems managed by the Office of Information Resources Management (IRM) for the offices of the NRC, while IRM is completing the process of obtaining a new contract as approved under CASE NUMBER KMA-92-0029. Typical

examples of contractor development activities would include performing studies for the purpose of determining user requirements or to validate new technological concepts; researching and writing scoping documents; system prototyping developing detailed program specifications; data administration, database administration and implementing end-user training plans.

Typical maintenance activities would include problem analysis; error correction; and problem documentation.

#### Current Support

Currently, the NRC has two contracts for application software development, improvement and maintenance services. The first contract is with the System Automation Corporation (SAC), and is for the maintenance and development of corporate data applications. The second contract is with Applied Management Systems (AMS) and covers the maintenance and development of all non-corporate systems. Both contracts expire on June 4, 1992.

#### Acquisition Strategy

The follow-on contract, approved by GSA under CASE NUMBER KMA-92-0029, is currently scheduled to be awarded on July 13, 1992. Therefore, it is necessary that a sole source bridge modification, extending the contract through July 13, 1992, be issued to ensure continuous support of these critical services. Although GSA approval is not needed to extend the current AMS contract until July 13, 1992, (the estimated cost to extend the contract is less than the \$250,000 required for approval), the NRC believes it would be prudent to submit an Agency Procurement Request for any possible further contract extension, to run through September 30, 1992. This contingency is based on the possibility of some event, such as a further schedule slippage, or a protest, which could delay award of the follow-on contract. The NRC would like to have the option to extend the period of performance of the existing contract in case some event delays the award, without having to rush a request to GSA for an extension approval. The Justification for other than Full and Open Competition attached hereto, supports this proposed action.

#### Estimated Contract Life and Cost

<u>Product</u>	<u>Cost</u>	<u>Life</u>
Computer Application Programming Services	\$700,000	4 months

### Regulatory Compliance

The NRC has reviewed all regulations applicable to this procurement action and believes this action to be in full compliance. No deviations from the regulations are being sought by the NRC.

#### Documentation

#### Date

Requirements analysis

10/18/91

Analysis of alternatives

10/18/91

Risk analysis

10/18/91

Determination to support the use of  
compatibility limited requirements

N/A

Conversion study

N/A

Certified data to support any use of a  
specific make and model specification

N/A

Description of those planned actions necessary  
to foster competition for subsequent  
acquisitions

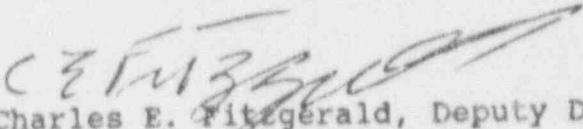
N/A

#### Agency Remarks

This procurement action has been approved by the Director, Office of Information Resources Management and by the Competition Advocate, Division of Contracts and Property Management.

#### Agency/GSA References

None applicable

  
Charles E. Fitzgerald, Deputy Director  
Division of Computer and  
Telecommunications Services  
Office of Information Resources  
Management

KMA-0070(A)

AGENCY PROCUREMENT REQUEST

Agency Information: U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Authorized Official: Gerald F. Cranford, Director  
Office of Information Resources  
Management

Technical Contact: Wilfred L. Madison, Acting Chief  
Systems Development Branch  
Division of Computer and  
Telecommunications Services  
Office of Information Resources  
Management

MS P-712, 301-492-7781

Contracts Contact: Mary Jo Mattia, Contracting Officer  
Division of Contracts and Property  
Management  
Office of Administration

MS P-902, 301-492-7133

The service to be provided will be performed primarily for NRC headquarters staff located in the Washington, D.C. metropolitan area, with the possible exception of the occasional requirement to provide support at one of the NRC regional offices.

Project Title and Description: NRC ADP Corporate Systems  
Development and Maintenance

The NRC is responsible for the protection of the public health and safety in the civilian use of nuclear power and nuclear materials. In the performance of its duties, the NRC utilizes a wide variety of automatic data processing tools, encompassing numerous applications, including scientific, engineering, administrative and management information systems. The NRC meets its computing requirements through the utilization of a number of hardware and software platforms, including mainframes, minicomputers and microcomputers (PCs).

The NRC is seeking to extend its current ADP support contract, from its current expiration date of June 4, 1992, to function as a bridge contract to continue to provide the necessary personnel to develop, maintain, improve, document, implement and otherwise manipulate automated computer systems managed by the Office of Information Resources Management (IRM) for the offices of the NRC, while IRM is completing the process of obtaining a new contract as approved under CASE NUMBER KMA-92-0029. The

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contractor shall be responsible for providing the necessary computer programming to support NRC program offices and approximately twenty (20) operational corporate application systems until the follow-on contract is awarded.

Typical examples of contractor development activities would include performing studies for the purpose of determining user requirements or to validate new technological concepts; researching and writing scoping documents; system prototyping; developing detailed program specifications; data administration, database administration and implementing end-user training plans.

Typical maintenance activities would include problem analysis; error correction; and problem documentation.

#### Current Support

Currently, the NRC has two contracts for application software development, improvement and maintenance services. The first contract is with the System Automation Corporation (SAC), and is for the maintenance and development of corporate data applications. The second contract is with Applied Management Systems (AMS) and covers the maintenance and development of all non-corporate systems. Both contracts expire on June 4, 1992.

#### Acquisition Strategy

The follow-on contract, approved by GSA under CASE NUMBER KMA-92-0029, is currently scheduled to be awarded on July 13, 1992. Therefore, it is necessary that a sole source bridge modification, extending the contract through July 13, 1992, be issued to ensure continuous support of these critical services. SAC is currently providing services under contract no. NRC-33-92-337 which was approved by GSA under Case Number KMA-92-0070. This contract expires on June 4, 1992. The NRC requests that GSA grant approval authorization to extend the SAC contract through September 30, 1992. The NRC is proposing a contract extension through July 13, 1992, plus an option period through September 30, 1992. The NRC would like to have the option to extend the period of performance because of the possibility of some event, such as a further schedule slippage, or a protest, delaying award of the follow-on contract, beyond July 13, 1992. The Justification for Other than Full and Open Competition attached hereto, supports this proposed action.

#### Estimated Contract Life and Cost

<u>Product</u>	<u>Cost</u>	<u>Life</u>
Computer Application Programming Services	\$450,000	4 months

### Regulatory Compliance

The NRC has reviewed all regulations applicable to this procurement action and believes this action to be in full compliance. No deviations from the regulations are being sought by the NRC.

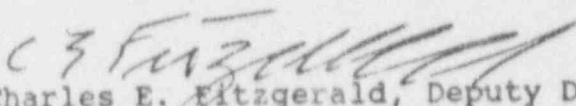
<u>Documentation</u>	<u>Date</u>
Requirements analysis	10/18/91
Analysis of alternatives	10/18/91
Risk analysis	10/18/91
Determination to support the use of compatibility limited requirements	N/A
Conversion study	N/A
Certified data to support any use of a specific make and model specification	N/A
Description of those planned actions necessary to foster competition for subsequent acquisitions	N/A

### Agency Remarks

This procurement action has been approved by the Director, Office of Information Resources Management and by the Competition Advocate, Division of Contracts and Property Management.

### Agency/GSA References

None applicable

  
Charles E. Fitzgerald, Deputy Director  
Division of Computer and  
Telecommunications Services  
Office of Information Resources  
Management



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

KMA-92-0070

AGENCY PROCUREMENT REQUEST

Agency Information: U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Authorized Official: Gerald F. Cranford, Director  
Office of Information Resources Management

Technical Contact: Wilfred L. Madison, Chief  
Systems Development Section 2  
Division of Computer and  
Telecommunications Services  
Office of Information Resources Management  
MS P-810, 301-492-7781

Contracts Contact: Penny Kinney, Contract Administrator  
Division of Contracts and Property  
Management  
Office of Administration  
MS P-902, 301-492-4800

The services to be provided will be performed primarily for NRC headquarters staff located in the Washington, D.C. metropolitan area, with the possible exception of the occasional requirement to provide support at one of the NRC regional offices.

Project Title and Description: NRC ADP Systems Development and Maintenance

The NRC is responsible for the protection of the public health and safety in the civilian use of nuclear power and nuclear materials. In the performance of its duties, the NRC utilizes a wide variety of automatic data processing tools, encompassing numerous applications, including scientific, engineering, administrative, and management information systems. The NRC meets its computing requirements through the utilization of a number of hardware and software platforms, including mainframes, minicomputers, and microcomputer (PCs).

The proposed contract with System Automation Corporation (SAC) will provide the necessary personnel to maintain, improve, document, implement and otherwise manipulate automated computer systems managed by the Office of Information Resources Management (IRM) for the offices of the NRC.

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Typical maintenance activities would include problem analysis; error correction; and problem documentation, implementing existing systems for operational use, and implementing end-user training plans.

#### Current Support

Currently, the NRC has two contracts for application software development, improvement and maintenance services. The original contract is with SAC, and is for the maintenance and development of corporate data applications. This contract expires on December 17, 1991. The second contract is with Applied Management Systems (AMS) and covers the maintenance and development of all non-corporate systems. This contract expires on June 4, 1992. The services currently being provided by SAC and AMS are being combined into one effort for the competitive follow-on procurement. This contract is expected to be awarded by April 30, 1992.

#### Acquisition Strategy

In order not to have a disruption in these vital services, the NRC is proposing to enter into a six month contract with SAC for ADP systems maintenance of corporate data applications. This proposed contract will serve as a bridge pending award of the proposed competitive follow-on procurement estimated at \$29.5 million for five years inclusive of two option years. The justification for Other than Full and Open Competition, attached hereto, supports the proposed action.

The NRC expects to award an indefinite quantity task ordering type contract under the standard industrial classification code 7373. Task orders will be individually negotiated and awarded. The solicitation will be issued after DPA approval is granted and the contract will be awarded prior to the expiration of the current SAC contract.

No negotiations will be held with SAC until after DPA approval is granted.

#### Estimated Contract Life and Cost

<u>Product</u>	<u>Cost</u>	<u>Life</u>
ADP Systems Maintenance Services	\$650,000.00	6 months

#### Regulatory Compliance

The NRC has reviewed all regulations applicable to this procurement action and believes this action to be in full compliance. No deviations from the regulations are being sought by the NRC.



### Agency Remarks

This procurement action has been approved by the Director, Office of Information Resources Management and by the Competition Advocate, Division of Contracts and Property Management.

<u>Documentation</u>	<u>Date</u>
Requirements analysis	11/15/91
Analysis of alternatives	11/15/91
Risk analysis	11/15/91
Determination to support the use of compatibility limited requirements	N/A
Conversion study	N/A
Certified data to support any requirement available from only one responsible source	See attachment
Certified data to support any use of a specific make and model specification	N/A
Description of those planned actions necessary to foster competition for subsequent acquisitions	See attachment

### Agency/GSA References

None applicable

Charles E. Fitzgerald, Deputy Director  
Division of Computer and Telecommunications  
Services  
Office of Information Resources Management

Attachment: As stated

U.S. NUCLEAR REGULATORY COMMISSION  
Division of Contracts and Property Management

Justification for Other than Full and Open Competition

1. The U.S. Nuclear Regulatory Commission (NRC) proposes to enter into a noncompetitive contract entitled "ADP Systems Development" with Systems Automation Corporation (SAC) for a six month period. The estimated cost for the six months is \$650,000.00.
2. The statutory authority permitting other than full and open competition is 41 U.S.C. 253(c)(2), as implemented by Subpart 6.302-2 of the Federal Acquisition Regulation, which provides for limiting competition in those situations where there is an unusual and compelling urgency for the service and delay in continuing service would result in serious injury to the Government.
3. Currently Applied Management Systems (AMS), under contract no. NRC-33-89-132, is providing ADP Systems Development and Maintenance services on systems other than the fully integrated Shared Information Network (SINET). This contract expires on June 4, 1992. SAC, under contract no. NRC-33-87-224, has been developing and implementing SINET for approximately five years. This contract expires on December 17, 1991. The services currently being provided by AMS and SAC are being combined into one effort for the competitive follow-on procurement. Award of the follow-on contract is not anticipated until June of 1992. Since the current contract with SAC expires on December 17, 1991, the NRC is proposing to enter into a six month contract for ADP systems development and maintenance, which will serve as a bridge pending award of a follow-on contract. This interim contract is the only feasible alternative to ensure the smooth operation of NRC's fully integrated corporate shared data base systems without any disruption.

The technical expertise that exists within SAC is directly related to their understanding of the NRC's fully integrated data base and applications. This expertise has been developed over a five year period. Without this expertise, no other contractor could undertake the responsibility of maintaining the SINET data base and applications without the NRC experiencing an interruption in services.

SAC is currently providing the necessary personnel, materials and facilities to develop and implement SINET systems utilizing the DBMS package CA-IDMS/DB, strategic information planning, and information engineering methodologies. The NRC cannot tolerate any interruption of services being provided by SAC at this time. The services at risk of

interruption include the implementation of the Enforcement Action Tracking System and the Integrated Events Systems. Additionally, the continued maintenance and data base administration support of existing systems of vital importance to the agency are at risk. These systems support the headquarters and regional offices that have responsibility for the health and safety of the public. These systems include, but are not limited to the Master Inspection Planning System, Inspection Follow-up System, RITSCARD System, Procedure Authority System, Employee Organization System, and the Part 21 System. Accordingly, any interruption in the support of these systems could adversely impact the NRC's mission.

The consequences of losing support for the above systems are severe in nature. For example, the Office of Nuclear Reactor Regulation depends on SINET for the planning, administration, and follow-up of the NRC's Commercial Power Reactor Inspection Program. Without SINET, the effective and efficient administration of the NRC's Commercial Power Reactor Inspection Program is in jeopardy. This could effect the health and safety of the public. The NRC Inspection Planning Tool, the Master Inspection Planning System, would be at risk of not providing timely planning information to management and the technical staff responsible for this function. Additional follow-up activities which are driven by the timely distribution of event related reports would stand at risk of not being able to support the safety of the Nuclear Power Plants and other facilities.

Although AMS may possess some limited IDMS experience in dealing with SINET, SAC is the contractor possessing the best experience to support SINET with the NRC experiencing minimal disruption in services. Another contractor would require a significant indoctrination period. SINET systems are used on a daily basis by headquarters and regional users to determine the severity of accidents (events) at nuclear power reactors and materials facilities, to subsequently record and distribute Daily Event Notifications throughout the agency, and for inspection planning and follow-up activities at nuclear power reactors and materials facilities. Since these systems are fully integrated, an interruption in support of any one system has a high probability of impacting the functionality in other systems.

In addition, the proposed bridge contract with SAC for the continued performance of SINET systems development and maintenance will aid in enhancing and preserving full and open competition for the proposed competitive procurement estimated at 29.5 million for five years inclusive of two option years.

Therefore, based upon the above information, it is in the NRC's best interest to issue a contract to SAC for continued support for the SINET data base and applications during this six month interim period.

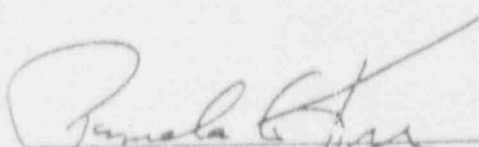
4. In accordance with Subpart 5.202(a)(2) of the Federal Acquisition Regulation, this acquisition will not be synopsized in the Commerce Business Daily as the Commission's need for these services is of such compelling urgency that the Government would be seriously injured if this action were synopsized in compliance with the required timeframe.

5. A complete analysis of all costs will be completed prior to the award of the interim contract to determine that the anticipated cost to the Government will be fair and reasonable.

#### Technical Certification

As prescribed by Subpart 6.303-1(b) of the Federal Acquisition Regulation, the Justification for Other Than Full and Open Competition for the acquisition of this service from SAC is hereby certified as complete and accurate.

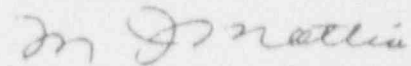
11/19/91  
(Date)

  
Pamela G. Kruzic, Director  
Division of Computer and Telecommunications  
Services, IRM

#### Contracting Officer's Certification

In accordance with Subpart 6.303-1(a) of the Federal Acquisition Regulation, the accuracy and completeness of this Justification for Other Than Full and Open Competition is hereby certified.

11/19/91  
(Date)

  
Mary Jo Mattia, Contracting Officer

#### Approval

Pursuant to Subpart 6.304(a)(1) of the Federal Acquisition Regulation, the above-described justification for Other Than Full and Open Competition has been reviewed and ☒ approved ( ) disapproved.

11/20/91  
(Date)

  
Edward L. Halman, Competition Advocate

RHA - 42 - 0029

# AGENCY PROCUREMENT REQUEST

Agency Information: U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Authorized Official: Gerald F. Cranford, Director  
Office of Information Resources Management

Technical Contact: Alan M. Dolleck, Computer Systems Analyst  
Division of Computer and Telecommunications  
Services  
Office of Information Resources Management  
  
MS P-712, 301-492-4928

Contracts Contact: Robert B. Webber, Contract Negotiator  
Division of Contracts and Property  
Management  
Office of Administration  
MS P-1010, 301-492-4282

The services to be provided will be performed primarily for NRC headquarters staff located in the Washington, D.C. metropolitan area, with the possible exception of the occasional requirement to provide support at one of the NRC regional offices.

Project Title and Description: NRC ADP Systems Development and Maintenance

The NRC is responsible for the protection of the public health and safety in the civilian use of nuclear power and nuclear materials. In the performance of its duties, the NRC utilizes a wide variety of automatic data processing tools, encompassing numerous applications, including scientific, engineering, administrative and management information systems. The NRC meets its computing requirements through the utilization of a number of hardware and software platforms, including mainframes, minicomputers and microcomputers (PCs).

The NRC is seeking a contractor to provide the necessary personnel to develop, maintain, improve, document, implement and otherwise manipulate automated computer systems managed by the Office of Information Resources Management (IRM) for the offices of the NRC. The contractor shall be responsible for providing the necessary computer programming to support NRC program offices and over one hundred (100) operational application systems.

Typical examples of contractor development activities would include performing studies for the purpose of determining user requirements or to validate new technological concepts; researching and writing scoping documents; system prototyping; developing detailed program specifications; data administration, database administration and implementing end-user training plans.

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Typical maintenance activities would include problem analysis; error correction; and problem documentation.

#### Current Support

Currently, the NRC has two contracts for application software development, improvement and maintenance services. The original contract is with the System Automation Corporation (SAC), and is for the maintenance and development of corporate data applications. This contract expires on December 17, 1991. The second contract is with Applied Management Systems (AMS) and covers the maintenance and development of all non-corporate systems. This contract expires on June 4, 1992.

#### Acquisition Strategy

This acquisition will be conducted under a 100% small business set-aside under standard industrial classification code number 7379. The NRC expects to award a Labor Hour, Requirements type contract, for the services to be procured under the proposed contract. Task orders will be individually negotiated and awarded. The solicitation document is expected to be released in the first quarter of fiscal year 92, and the contract is expected to be awarded in the third quarter of fiscal year 92.

#### Estimated Contract Life and Cost

<u>Product</u>	<u>Cost</u>	<u>Life</u>
Computer Application Programming Services	\$29,500,000	5 Years

#### Regulatory Compliance

The NRC has reviewed all regulations applicable to this procurement action and believes this action to be in full compliance. No deviations from the regulations are being sought by the NRC.

#### Documentation

	<u>Date</u>
Requirements analysis	10/18/91
Analysis of alternatives	10/18/91
Risk analysis	10/18/91
Determination to support the use of compatibility limited requirements	N/A
Conversion study	N/A

Certified data to support any requirement  
available from only one responsible source

N/A

Certified data to support any use of a  
specific make and model specification

N/A

Description of those planned actions necessary  
to foster competition for subsequent acquisitions


N/A

Agency Remarks

This procurement action has been approved by the Director,  
Office of Information Resources Management.

Agency/GSA References

None applicable

  
Charles E. Fitzgerald, Deputy Director  
Division of Computer and Telecommunications  
Services  
Office of Information Resources Management

## AGENCY PROCUREMENT REQUEST

AGENCY: U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

The microcomputer software will be installed on microcomputers located at the U.S. Nuclear Regulatory Commission (NRC) headquarters buildings in the Washington, D.C. metropolitan area.

AUTHORIZED OFFICIAL: Gerald F. Cranford, Director  
Office of Information Resources Management

TECHNICAL CONTACT: Clarice E. Nizer, Computer Systems Specialist  
Division of Computer and Telecommunications  
Services  
Office of Information Resources Management  
Mail Stop P-530, Phone: 301-492-8314

CONTRACTS CONTACT: Elois J. Wiggins, Contracting Officer  
Division of Contracts and Property Management  
Office of Administration  
Mail Stop P-1010, Phone: 301-492-4210

PROJECT TITLE AND DESCRIPTION: Microcomputer Software Purchase

The NRC is charged with regulating the commercial use of nuclear materials to assure the health and safety of the public. Access to shared information systems such as the Master Inspection Planning Systems (MIPS), Regulatory Information Tracking System (RITS) and the Executive Safety Information System (EXIS) is accomplished through the use of microcomputers. The NRC provides microcomputers as workstations for employees to communicate with mainframes, minicomputers, word processing systems, local area networks, and other microcomputers to access and share information systems which support the NRC mission.

To provide other necessary computing capabilities to agency microcomputer users, word processing, communications, database management, and spreadsheet applications programs are installed on the microcomputers. The NRC requires specific make and model microcomputer software to insure compatibility for effective and efficient communications of data files created with these programs.

## CURRENT SUPPORT

The NRC currently has a firm fixed price requirements type contract to purchase specific make and model microcomputer software. This contract will expire on March 7, 1992.

## FIP RESOURCES TO BE ACQUIRED

This procurement is for the purchase of specific make and model microcomputer applications software for new microcomputer systems. To provide compatible computing capabilities to new microcomputer workstation users, the NRC provides specific make and model software. Providing specific make and model software will avoid excessive delays and retraining of employees who have become familiar with and are experienced users of existing applications software.

## ACQUISITION STRATEGY

The NRC expects to award a firm fixed price requirements type contract for the purchase of specific make and model microcomputer software.

The planned milestones for release of the solicitation and contract award are as follows:

Issue Request for Proposal	FY 1992 first quarter
Contract Award	FY 1992 second quarter

The acquisition will be conducted using the other than full and open competition pursuant to Part 201-39.6 of the Federal Information Resources Management Regulation (FIRM), which states that a specific make and model specification may be used when no other type specification can satisfy the needs of the Government under the authority of 40 U.S.C. 759(g), as amended by Public Law 99-500.

A Justification for Other than Full and Open Competition shall be certified, justified and approved in accordance with Federal Acquisition Regulation (FAR) 6.303 and 6.304.

## ESTIMATED CONTRACT LIFE AND COST

Product	Cost	Life
Microcomputer Software	\$1.1M	1 Year

## REGULATORY COMPLIANCE

The NRC has reviewed all regulations applicable to this procurement action and believes this action to be in full compliance. No deviations from the regulations are being sought by the NRC.

## DOCUMENTATION

	DATE
Requirements analysis	9/91
Analysis of alternatives	9/91

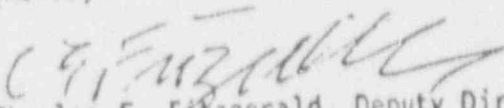
DOCUMENTATION	DATE
Determination to support compatibility-limited requirements	N/A
Conversion study	N/A
Certified data to support a requirement available from only one responsible source	N/A
Certified data to support a requirement using a specific make and model specification	10/91
Description of planned actions to foster competition for subsequent acquisitions	9/91
Justification for more than one agency to provide switching facilities or services at building locations	N/A
Exception to the use of FTS/FTS-2000 mandatory network services	N/A
Exception to the use of GSA local telecommunications service mandatory switching services	N/A

#### AGENCY REMARKS

This procurement action has been approved by the Director, Office of Information Resources Management.

#### AGENCY/GSA REFERENCES

Reference GSA Delegation of Authority KMA-91-0035 to the NRC for the purchase of microcomputer software and KMA-89-0313(B) to the NRC for Agency Upgrade of Technology for Office Systems (AUTOS).

  
 Charles E. Fitzgerald, Deputy Director  
 Division of Computer and Telecommunications  
 Services  
 Office of Information Resources Management

Enclosure:  
 Justification for Other than  
 Full and Open Competition



# U.S. NUCLEAR REGULATORY COMMISSION

## Division of Contracts and Property Management

### Justification for Other Than Full and Open Competition

1. Upon the basis of the following justification, the proposed specific make and model software packages may be acquired by means other than full and open competition pursuant to Part 201.39.601 of the Federal Information Resources Management Regulation (FIRMR) and the authority of 40 U.S.C. 759(g), as amended, as implemented by Subpart 1.302-1 of the Federal Acquisition Regulation (FAR). The estimated cost of the proposed one year action is \$1,038,394.

2. To provide adequate ADP support to agency users, the Office of Information Resources Management (IRM) needs to acquire approximately 5,064 specific make and model software packages for use by NRC employees throughout the Commission.

Because the FIRMR gives preference to the use of standard software, the NRC has chosen to purchase the following off-the-shelf commercially available software to accommodate its needs: IBM and MS DOS, LOTUS 1-2-3, Ashton-Tate dBase III PLUS, Persoft SMARTER 400, Digital Communications Associates CROSSTALK XVI, Digital Communications Associates CROSSTALK Mark IV, WordPerfect, Harvard Graphics, Novell Netware 386, Microsoft Windows, and Quarterdeck QEMM 386.

3. The NRC has over 15,000 of these packages currently in use by PC users and requires additional software packages for new users to be 100 percent compatible with the existing in-house software. This compatibility requirement is based on the following: (a) training classes have been developed and are taught by contractor personnel at the NRC's Training Laboratory for all NRC standard software currently in use; (b) over 2500 employees have been trained in the use of NRC standard software packages; and (c) the IRM staff, through the Information Technology Services Support Center (ITS), also provides user support and assistance to users of NRC standard software packages in Headquarters, the Regions and at resident sites.
4. NRC requires these software packages be compatible to insure an effective and efficient communication capability. Files created at the NRC are transmitted to and from all NRC facilities located throughout the country including the NRC buildings in the Bethesda/Rockville area using communications packages via a modem. The files are originated in numerous offices, divisions, branches, and sections and are often combined and transmitted to other offices. Data must be able to be shared between users both within the same section/branch/office and also between offices and Regions and resident sites. Data must be converted, read and incorporated into other documents.

5. There are no other software packages which would fully satisfy NRC's requirements. Although there are other software packages which perform the same functions as the above-stated packages, their programming languages and formats are different. Use of any other packages would cause excessive delays in communications between the NRC offices because the transfer and sharing of data would not be transparent to the user, i.e., data would not be stored in the same structure and it would be impossible to trade data without reformatting.
6. The programming codes (specifications) for these software packages are copyrighted by the manufacturer and, thus, are unavailable for use by the NRC in a competitive environment. The development of functional specifications for off-the-shelf software packages such as these would be very time consuming and impractical due to the complexity of the specifications involved and limited staff available. These are general purpose software packages, i.e., they are not designed for one specific function but rather are multifunctional.

Because of this, it would be impossible for the IRM staff to develop specifications for these packages which would be complete enough to assure that the acquired package would function in all respects as required by our needs.

If a software package other than one of the NRC standard packages listed above were acquired, it would be necessary to replace all of the software currently in place performing that function. The contracts for the NRC Training Laboratory and the ITS Support Center would also need to be modified to incorporate the new package. NRC personnel would have to be retrained in the use of the new packages at a cost of approximately \$500,000.

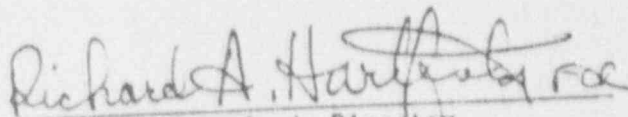
8. Acquisition of totally compatible software is so essential in ensuring continuity of critical operations within the NRC that acquisition of software which is not 100 percent compatible is not a viable alternative. For example, the NRC budget system would require complete redesign if Lotus 1-2-3 software were not acquired. Additionally, the NRC would experience delays and less than optimum utilization of skilled professionals (both NRC employees and those under contract to NRC) if conversion to new software packages were required.
9. The cost of all stand alone software packages, if purchased individually, would be less than \$1,000 each. The cost for multi-user packages, where appropriate, offers a cost advantage for the agency. By consolidating a full year's requirements into one solicitation package and employing sealed bidding procedures we anticipate saving administrative costs as well as obtaining quantity discounts greater than those available on the non-mandatory GSA schedule contracts. The Contract Negotiator will perform a cost analysis to ensure that the cost to the Government for these services will be fair and reasonable.

10. Upon approval of this justification for other than full and open competition, this procurement will be synopsisized in the Commerce Business Daily (CBD) in accordance with FAR Part 5.201.

Technical Certification

As prescribed in Subpart 6.303-1(b) of the Federal Acquisition Regulation, the Justification for Other Than Full and Open Competition for the acquisition of specific make and model software is hereby certified as complete and accurate.

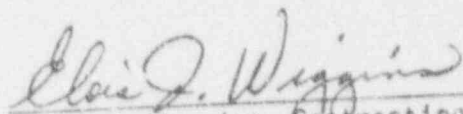
11/20/91  
Date

  
Gerald F. Cranford, Director  
Office of Information Resources  
Management

Contracting Officer's Certification

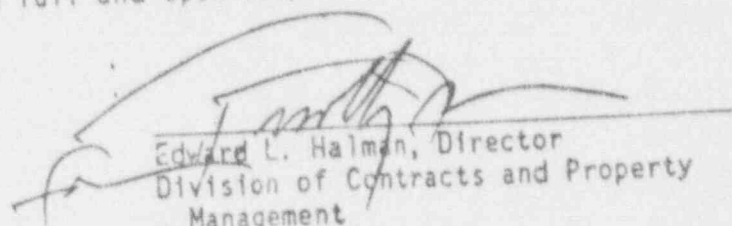
In accordance with Subpart 6.303-1(a) of the Federal Acquisition Regulation, the accuracy and completeness of this Justification for Other Than Full and Open Competition is hereby certified.

11/20/91  
Date

  
Elois J. Wiggins, Contracting Officer  
Contract Negotiation Branch No. 1  
Division of Contracts and Property  
Management

Pursuant to Subpart 6.304(a)(3) of the Federal Acquisition Regulation, I have reviewed and ( ☒ ) approved ( ☐ ) disapproved the above described acquisition for other than full and open competition.

1/8/92  
Date

  
Edward L. Halman, Director  
Division of Contracts and Property  
Management