UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

September 5, 2007

Fax to: Denise Stoneman
Fax. 301-496-9146

From: Sandra Nesmith, RES/USNRC
Tel 301-415-6437
Fax 301-415-5074

No. of pages including cover: 15

COMMENTS:

Ms. Stoneman,

Attached is a request for a proposal entitled, An Update to the U.S. National Cancer Institute Report, "Cancer Populations Living Near Nuclear Facilities"

This project will be managed by Terry Brock (301-415-2323) at the NRC. His contact at NCI is Ms. Martha Linet, (301-496-6600).

If you have any questions, please do not hesitate to contact me.

The original will be sent in the mail.

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

September 5, 2007

U.S. National Cancer Institute
Division of Cancer Epidemiology and Genetics
6120 Executive Boulevard
ATTN: Ms. Denise Stoneman
M/S 7242
Bethesda, MD 20892-7335

SUBJECT: REQUEST FOR PROPOSAL ENTITLED "AN UPDATE TO THE U.S. NATIONAL CANCER INSTITUTE REPORT, CANCER IN POPULATIONS LIVING NEAR NUCLEAR FACILITIES"

Agreement No. IA-RES-07-010 Job Code: N6476

Dear Ms. Stoneman:

We request a proposal for performance of the enclosed statement of work (SOW) under Job Code N6476 for the Nuclear Regulatory Commission, Office of Nuclear Regulatory Research. The enclosed SOW details the required work and should be used as the basis for proposal preparation.

Cost Proposal

Use NRC Form 667, "Servicing Agency Project and Cost Proposal for NRC Work," for cost proposals for basic work orders. The form includes instructions for completion.

Technical Proposal Content

As a minimum, the technical proposal must contain the following:

- o A discussion to substantiate the servicing organization's understanding of the scope of work;
- o A discussion of the servicing organization's technical approach to meet the project's objective;
- o A discussion of the experience and capabilities of key personnel and the servicing agency in performing similar work;
- o Identification of key personnel and the number of staff hours that will be committed to complete work (resumes for key personnel must be included);
- o Identification of administrative support personnel and/or facilities needed to assist professional personnel in completing the work;

- A discussion of any potential organizational conflict-of-interest issues; and
- A discussion of any problem areas or deviations from the NRC's SOW.

A proposal shall be submitted as soon as possible from receipt of this request for proposal (RFP).

The RFP is not an authorization to start work.

The original proposal and 2 copies should be sent to the U.S. Nuclear Regulatory Commission, ATTN: Sandra Nesmith, Office of Nuclear Regulatory Research, Division of Program Management, Policy Development, & Analysis Staff, Mail Stop T10D5, Washington, DC 20555.

Questions concerning this request should be addressed to Terry Brock, at 301-415-2323. Thank you for your assistance in this matter.

Sincerely,

Jennifer L. Uhle, Director
Division of Fuel, Engineering, & Radiological Research
Office of Nuclear Regulatory Research

Enclosures:
1. Statement of Work
2. NRC Form 667 w/Instructions

cc: T. Brock, w/Enclosures

OFFICE OF NUCLEAR REGULATORY RESEARCH
DIVISION OF FUEL, ENGINEERING, AND RADIOLOGICAL RESEARCH
STATEMENT OF WORK FOR INTERAGENCY AGREEMENTS

Project Title:	An Update to the U.S. National Cancer Institute report "Cancer in Populations Living Near Nuclear Facilities"
Job Code:	N6476
B&R Number :	76015171277
BOC Code:	253A
NRC Issuing Office:	Office of Nuclear Regulatory Research
NRC Project Manager:	Terry A. Brock 301-415-2323 (tel.)
Agreement Agency:	U.S. National Cancer Institute (NCI) Rockville, MD
Principal Investigator:	Martha Linet, MD, MPH 301-496-6600 (tel.)
Level of Effort:	3550 staff hours
Period of Performance:	September 30, 2007 – September 30, 2010

BACKGROUND

The U.S. National Cancer Institute (NCI) report, "Cancer in Populations Living Near Nuclear Facilities," has been a useful risk communication tool for staff in addressing stakeholder concerns about cancer mortality from the operation of nuclear power plants. Stakeholders often query our staff about perceived elevated cancer rates in populations near reactors. Staff use this report as a scientifically defensible resource to aid in our response to stakeholder concerns that cancer mortality rates are generally not elevated in counties that contain or are adjacent to nuclear power plants. However, the analyses in the report focuses on cancer deaths, and the general public is often interested in perceived elevated cancer incidence (i.e., being diagnosed with cancer, but not necessarily dying from the disease.) Additionally, the data is over twenty years old and the report is losing its relevance to current populations near nuclear power reactors and proposed new reactors at currently licensed sites.

In the original study, the NCI scientists studied more than 900,000 cancer deaths using county mortality records collected from 1950 to 1984. The researchers evaluated changes in mortality rates for 16 types of cancer in these counties from 1950 until each facility began operation up until 1982. For four facilities in two states (Iowa and Connecticut), cancer incidence data were also available. Data on cancer incidence in these counties resembled the county's mortality data patterns; however, this data was very limited due to the dearth of cancer incidence data of the era. Since then, national, state, and county cancer surveillance programs have been developed to collect cancer incidence data and should be included in the updated report. On a national level, the NCI's Surveillance, Epidemiology, and End Results (SEER) Program is an authoritative source of information on cancer incidence and survival in the United States that should be explored.

SEER currently collects and publishes cancer incidence and survival data from population-based cancer registries covering approximately 26 percent of the US population. SEER coverage includes 23 percent of African Americans, 40 percent of Hispanics, 42 percent of American Indians and Alaska Natives, 53 percent of Asians, and 70 percent of Hawaiian/Pacific Islanders. County and state cancer registries should also be explored to increase cancer incidence analyses.

The report showed no general increased risk of death from cancer for people living in 107 U.S. counties containing or closely adjacent to 62 nuclear facilities, including all of the nuclear power reactors operational prior to 1982. The report showed that, in comparison with the control counties, some of the study counties had higher rates of certain cancers and some had lower rates, either before or after the facilities came into service. None of the differences that were observed could be linked with the presence of nuclear facilities.

OBJECTIVE

The objective of this updated study is to provide the NRC with the latest cancer incidence and mortality data for populations living near licensed nuclear power reactors. This study will give staff the latest credible scientific information for responding to stakeholder's concerns related to cancer incidence and mortality rates of populations that live near past, present, and proposed nuclear power plants.

SCOPE OF WORK

Task 1

a) Develop the cancer incidence and mortality study protocols to ensure the state-of-the–art epidemiological study designs are used to assess the cancer incidence and mortality of populations living near nuclear power plants.

b) Identify and update the study counties that contain nuclear power plants since the original study was published. The original study analyzed cancer mortality rates in counties with nuclear power plants that started before 1982. Since then, a number of nuclear power plants have begun operation and a number have shut down. The scope of an updated study will be limited to populations living near current and former NRC licensed nuclear facilities and where NRC anticipates the next generation of power reactors will be located.

c) Review the original control study counties and evaluate if the counties are still adequate controls for comparison of cancer incidence and mortality rates to the study counties. At a minimum, the original control counties should be evaluated to determine if there has been any change since the original study in demographics such as age, race, gender, or socioeconomic status. Changes in these factors in the original control counties may preclude them from being used as an accurate comparison to the study county.

d) Perform a feasibility study, using readily available thyroid cancer incidence data, for populations near select nuclear power plants that are in SEER registry geographical regions. The study will use advances in geographical information systems and cancer incidence reporting to assess the feasibility of refining the original assessments in the 1990 report to geographical areas smaller than counties, while not sacrificing statistical power to distinguish differences in cancer rates (e.g., census tracts or postal zip codes.)

e) Once the study and control counties, or other geographical areas of interest are identified, provide a letter report to the NRC project manager. The letter report should contain the results of the feasibility study and the recommended materials, methods and data sources to be used to collect and analyze the cancer incidence and mortality data for the entire fleet of past, present, and potential nuclear power plants.

Task 2

a) Use the protocols established in Task 1, and after approval from NRC Project Manager, initiate and analyze the cancer incidence and cancer mortality calculations for all populations past, and present that live near nuclear power plants. This will include all populations in SEER and Non-SEER regions for all radiogenic cancer types and health endpoints of concern addressed in the original study and others of interest.

b) Any additional cancer sites or health outcomes assessed should be biologically plausible to low dose radiation exposure as identified in recent reports from authoritative sources, such as the United Nations Scientific Committee on the Effects of Atomic Radiation, International Commission on Radiological Protection, Radiation Exposure Research Foundation, U.S. National Council on Radiation Protection and Measurements, or the U.S. National Academies.

c) Once the cancer incidence and cancer mortality calculations and analysis for all populations past, and present that live near nuclear power plants is completed, provide both an initial letter report and a final comprehensive study report to the NRC project manager. The initial letter report should provide an overview of the findings of the study and the final report should include the calculations of cancer incidence and cancer mortality and analysis of the data generated from the calculations.

Task 3

a) Provide a publicly available, externally peer-reviewed technical report of the methods, results, and scope of inference of the results from Task 1 and 2.

b) Develop a plain language fact sheet for public consumption.

DELIVERABLES/SCHEDULES

1) A Monthly letter status report (MLSR) is due on the 20^{th} of the month for the prior month activities.
Date Due: Monthly

2) Submit for review the draft Task 1 letter report.
Date Due: September 2008

3) Submit the Final task 1 letter report.
Date Due: October 2008

4) Submit the draft Task 2 letter report.
Date Due: September 2009

5) Submit the final Task 2 report.
Date Due: October 2009

6) Submit for external peer review the Task 3 draft report and the plain language fact sheet.
Date Due: April 2010

7) Submit the final Task 3 report.
Date Due: September 2010

RESEARCH QUALITY

The quality of NRC research programs are assessed each year by the Advisory Committee on Reactor Safeguards. Within the context of their reviews of RES programs, the definition of quality research is based upon several major characteristics:

Results meet the objectives (75% of overall score)
- Justification of major assumptions (12%)
- Soundness of technical approach and results (52%)
- Uncertainties and sensitivities addressed (11%)

Documentation of research results and methods is adequate (25% of overall score)
- Clarity of presentation (16%)
- Identification of major assumptions (9%)

It is the responsibility of the contractor to ensure that these quality criteria are adequately addressed throughout the course of the research that is performed. The NRC project manager and technical monitor will review all research products with these criteria in mind.

TECHNICAL AND OTHER SPECIAL QUALIFICATIONS REQUIRED

Key personnel shall be well-established experts in epidemiology and biostatistics, study design, geographic information systems, and the biological effects of radiation exposure.

LEVEL OF EFFORT

The products of this Inter-Agency Agreement's level of effort will include 3550 staff hours of effort.

REPORTING REQUIREMENTS

A Monthly Letter Status Report (MLSR) is to be submitted to the NRC Project Manager by the 20th of the month following the month to be reported with copies provided to the following:

Sher Bahadur, Deputy Division Director, Mail Stop: T-9 F39
Sandra Nesmith, Management Analyst, Mail Stop T-10M05
Stephanie Bush-Goddard, Branch Chief, Mailstop: T-9 F39

The MLSR will identify the title of the project, the job code, the Principal Investigator, the period of performance, the reporting period, summarize each month's technical progress, monthly spending, total spending to date, and the remaining funds and will contain information as directed in NRC Management Directive 11.8.. Any administrative or technical difficulties which may affect the schedule or costs of the project shall be immediately brought to the attention of the NRC project manager.

PUBLICATIONS NOTE

RES encourages the publication of the scientific results from RES sponsored programs in refereed scientific and engineering journals as appropriate. If the institute proposes to publish in the open literature or present the information at meeting in addition to submitting the required technical reports, approval of the proposed article or presentation should be obtained from the RES Project Manager. The RES Project Manager shall either approve the material as submitted, approve it subject to NRC suggested revisions, or disapprove it. In any event, the RES Project Manager may disapprove or delay presentation or publication of papers on information that is subject to Commission approval that has not been ruled upon or which has been disapproved. Additional information regarding the publication of NRC sponsored research is contained in NRC Management Directives 3.7, "NUREG Series Publications," and 3.9, "NRC Staff and Contractor Speeches, Papers, and Journal Articles on Regulatory and Technical Subjects."

If the presentation or paper is in addition to the required technical reports and the RES Project Manager determines that it will benefit the project, the Project Manager may authorize payment of travel and publishing costs, if any, from the project funds. If the Project Manager determines that the article or presentation would not benefit the RES project, the costs associated with the preparation, presentation, or publication will be borne by the contractor. For any publication or presentations falling into this category, the NRC reserves the right to require that such presentation or publication will not identify the NRC's sponsorship of the work.

STANDARDS FOR CONTRACTORS WHO PREPARE NUREG-SERIES MANUSCRIPTS

The U.S. Nuclear Regulatory Commission (NRC) began to capture most of its official records electronically on January 1, 2000. The NRC will capture each final NUREG-series publication in its native application. Therefore, please submit your final manuscript that has been approved by your NRC Project Manager in both electronic and camera-ready copy.

All format guidance, as specified in NUREG-0650, Revision 2, will remain the same with one exception. You will no longer be required to include the NUREG-series designator on the bottom of each page of the manuscript. The NRC will assign this designator when we send the camera-ready copy to the printer and will place the designator on the cover, title page, and spine. The

designator for each report will no longer be assigned when the decision to prepare a publication is made. The NRC's Publishing Services Branch will inform the NRC Project Manager for the publication of the assigned designator when the final manuscript is sent to the printer.
For the electronic manuscript, prepare the text in Microsoft Office Word 2003®, and use any of the following file types for charts, spreadsheets, and the like.

File Types to be Used for NUREG-Series Publications	
File Type	File Extension
Microsoft® Word®	.wpd
Microsoft® PowerPoint®	.ppt
Microsoft® Excel®	.xls
Portable Document Format	.pdf

This list is subject to change if new software packages come into common use at NRC or by our licensees or other stakeholders that participate in the electronic submission process. If a portion of your manuscript is from another source and you cannot obtain an acceptable electronic file type for this portion (e.g., an appendix from an old publication), the NRC can, if necessary, create a tagged image file format (file extension.tif) for that portion of your report. Note that you should continue to submit original photographs, which will be scanned, since digitized photographs do not print well.

If you choose to publish a compact disk (CD) of your publication, place on the CD copies of the manuscript in both (1) a portable document format (PDF); (2) a Microsoft Word 2003 file format, and (3) an Adobe Acrobat Reader, or, alternatively, print instructions for obtaining a free copy of Adobe Acrobat Reader on the back cover insert of the jewel box.

ORGANIZATIONAL CONFLICT OF INTEREST DISCLOSURE

The servicing agency recognizes that Section 170A of the Atomic Energy Act of 1954, as amended, requires that NRC be provided with disclosures on potential conflicts when NRC obtains technical, consulting, research and other support services. The servicing agency further recognizes that the assignment of NRC work to the servicing agency must satisfy NRC's conflicts standards. Accordingly, when NRC enters into an agreement with the servicing agency to perform work for NRC, and during the life of the agreement, the servicing agency shall review its current work, planned work and where appropriate, past work for the servicing agency and others (meaning organizations, in the same/similar technical area as the NRC project scope of work, e.g., (included but not limited to), NRC licensees, vendors, industry groups or research institutes that represent or are substantially comprised of nuclear utilities) to determine whether such work is in the same or similar area as the proposed NRC project. Should that review reveal current or planned work for the servicing agency or others in the same or similar technical area as the proposed NRC work, the servicing agency shall provide name of organization, dollar value, and period of performance of the work identified as well as descriptions of such potentially conflicting present/planned/past work to NRC. NRC shall then determine whether a conflict would result and, if one does, determine, after consultation with the servicing agency, the appropriate action NRC or the servicing agency should take to avoid the conflict or when appropriate under NRC procedures, waive the conflict.

MEETINGS AND TRAVEL

Meetings will be local and no travel is expected.

NRC-FURNISHED MATERIAL

None.

APPROPRIATE USE OF GOVERNMENT FURNISHED INFORMATION TECHNOLOGY (IT) EQUIPMENT AND/ OR IT SERVICES/ ACCESS (APRIL 2003)

As part of contract performance the NRC may provide the contractor with information technology (IT) equipment and IT services or IT access as identified in the statement of work or subsequently as identified in the project. Government furnished IT equipment, or IT services, or IT access may include but is not limited to computers, copiers, facsimile machines, printers, pagers, software, phones, Internet access and use, and email access and use. The contractor 7(including the contractor's employees, consultants and subcontractors) shall use the NRC furnished IT equipment, and/or IT provided services, and/or IT access solely to perform the necessary efforts required under the contract. The contractor (including the contractor's employees, consultants and subcontractors) are prohibited from engaging or using the NRC IT equipment and government provided IT services or IT access for any personal use, misuse, abuses or any other unauthorized usage.

The contractor is responsible for monitoring its employees, consultants and subcontractors to ensure that NRC furnished IT equipment and/or IT services, and/or IT access are not being used for personal use, misused or abused. The NRC reserves the right to withdraw or suspend the use of its government furnished IT equipment, IT services and/ or IT access arising from contractor personal usage, or misuse or abuse; and/or to disallow any payments associated with contractor (including the contractor's employees, consultants and subcontractors) personal usage, misuses or abuses of IT equipment, IT services and/or IT access; and/or to terminate the project arising from violation of this provision.

TECHNICAL DIRECTION

Technical direction will be provided by Dr. E. Vincent Holahan, who can be reached at:

Mail Stop: T-9F39
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555-0001

Phone: (301) 415-8715
Fax: (301) 415-5389
Email: EVH@nrc.gov

Hand-Carried mail should be sent to:
U. S. Nuclear Regulatory Commission
Mail Stop: T-10E10
11545 Rockville Pike
Rockville, MD 20852-2738

NRC FORM 667 (Part 1)
(10-2000)
NRCMD 11.8

U.S. NUCLEAR REGULATORY COMMISSION

SERVICING AGENCY PROJECT AND COST PROPOSAL FOR NRC WORK

PROJECT TITLE	DATE PROPOSAL SENT
	NEW FY
	REVISION NUMBER
NRC OFFICE	JOB CODE
OTHER AGENCY	NRC B&R NUMBER
SITE	NRC BOC

COGNIZANT PERSONNEL	ORGANIZATION	TELEPHONE NUMBER	CONTRACTOR ACCOUNT NUMBER
NRC PROJECT MANAGER			**PERIOD OF PERFORMANCE**
OTHER NRC TECHNICAL STAFF			PROJECT START DATE
SERVICING AGENCY PROJECT MANAGER			PROJECT END DATE
PRINCIPAL INVESTIGATOR(S)			
KEY PERSONNEL			

STAFF YEARS OF EFFORT		FY	FY	FY	FY	FY
DIRECT SCIENTIFIC/TECHNICAL						
OTHER DIRECT (GRADED)						
TOTAL DIRECT STAFF YEARS						
COST PROPOSAL *(Round to Nearest Thousand $)*						
DIRECT LABOR -- LABOR CATEGORIES, LABOR RATES, AND PROPOSED HOURS OF EFFORT FOR EACH CATEGORY						
OVERHEAD						
MATERIALS/SERVICES						
TRAVEL	FOREIGN					
	DOMESTIC					
SUBCONTRACT(S)						
CONSULTANTS						
OTHER DIRECT						
GENERAL AND ADMINISTRATIVE EXPENSES						
TOTAL ESTIMATED PROJECT COST						
CARRYOVER FROM PRIOR FY						
CARRYOVER TO NEXT FY						
TOTAL FUNDING REQUIRED		$	$	$	$	$

NRC FORM 667 (Part 2)
(10-2000)
NRCMD 11.8

U.S. NUCLEAR REGULATORY COMMISSION

JOB CODE

DATE

SERVICING AGENCY PROJECT AND COST PROPOSAL FOR NRC WORK

FOR PROJECTS, EXCLUDING TASK ORDERS AND TASK ORDER AGREEMENTS

PROJECT TITLE

PROPOSING ORGANIZATION

ESTIMATED COST

TASK 1	TASK 2	TASK 3	TASK 4
TOTAL ESTIMATED COST	TOTAL ESTIMATED COST	TOTAL ESTIMATED COST	TOTAL ESTIMATED COST

PROJECT DESCRIPTION

Provide narrative descriptions of the following topics in the order listed. Attach on plain paper to this NRC Form 667. If an item is not applicable, so state.

OBJECTIVES OF PROPOSED WORK

SUMMARY OF PRIOR EFFORTS

WORK TO BE PERFORMED AND EXPECTED RESULTS

PROPOSED PERSONNEL -- INCLUDE RESUMES

MEETINGS/TRAVEL

NRC FURNISHED MATERIALS

RELATIONSHIP TO OTHER PROJECTS

REPORTING REQUIREMENTS AND SCHEDULE

SUBCONTRACTOR/CONSULTANT INFORMATION

SPECIAL FACILITIES, IF REQUIRED

CONFLICT-OF-INTEREST INFORMATION

CLASSIFICATION OR SENSITIVITY, IF APPLICABLE
(e.g., safeguards, proprietary, other)

ADDENDUM COST AND SCHEDULE INFORMATION

SPENDING PLAN

SEE NRC MANAGEMENT DIRECTIVE 11.8 FOR ADDITIONAL INFORMATION

SIGNATURE -- APPROVAL AUTHORITY

DATE

NRC FORM 667 (Part 3)
(10-2000)
NRCMD 11.8

U.S. NUCLEAR REGULATORY COMMISSION

SPENDING PLAN

Complete as part of the Laboratory's Cost Proposal for each new project or task order.

JOB CODE		
MODIFICATION NUMBER (If applicable)	DATE	
NAME OF SERVICING AGENCY	PERFORMANCE PERIOD FROM	TO
TITLE OF PROJECT	Total estimated costs of the proposed project or modification at the time of proposal submission	$

Provide cost details by month for the total project or modification

COST ELEMENTS	1ST MONTH	2ND MONTH	3RD MONTH	4TH MONTH	5TH MONTH	6TH MONTH
DIRECT COSTS	$	$	$	$	$	$
INDIRECT COSTS	$	$	$	$	$	$
TOTAL ESTIMATED COSTS	$	$	$	$	$	$
PROJECT COMPLETION	%	%	%	%	%	%

COST ELEMENTS	7TH MONTH	8TH MONTH	9TH MONTH	10TH MONTH	11TH MONTH	12TH MONTH
DIRECT COSTS	$	$	$	$	$	$
INDIRECT COSTS	$	$	$	$	$	$
TOTAL ESTIMATED COSTS	$	$	$	$	$	$
PROJECT COMPLETION	%	%	%	%	%	%

NOTE: The Spending Plan will be submitted with the form initially. Thereafter, it will be updated and submitted with the status report, as required in Handbook 11.8, Part II, Section 3.

NRC FORM 667 (Part 4)
(10-2000)
NRCMD 11.8

U.S. NUCLEAR REGULATORY COMMISSION

JOB CODE

MODIFICATION NUMBER (If applicable) | DATE

SERVICING AGENCY PROJECT COST PROPOSAL FOR NRC WORK
FORECAST MILESTONE CHART

Complete as part of the Cost Proposal for each new project or task order.

TITLE OF PROJECT

SERVICING AGENCY

FORECAST MILESTONE CHART --- SCHEDULE TO START = △ ----------------▲ = COMPLETED
PROVIDE ESTIMATED DOLLAR COST FOR EACH TASK FOR EACH FISCAL YEAR

TASK		FY				FY				FY				FY				FY				TASK TOTAL
		1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
	SCHEDULE																					
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	COST																					
TOTAL ESTIMATED PROJECT COST																						

NRC FORM 554B
(10-2000)
NRCMD 11.8

U. S. NUCLEAR REGULATORY COMMISSION

INDEPENDENT GOVERNMENT COST ESTIMATE (IGCE) FOR INTERAGENCY AGREEMENTS

1. PROJECT TITLE

Update to the "Cancer in Populations Living Near Nuclear Faciltiies"

2. PROJECT MANAGER	PERIOD OF PERFORMANCE FROM	PERIOD OF PERFORMANCE TO
Terry A. Brock	09/30/2007	09/30/2010

DESCRIPTION OF COST ELEMENTS

1. DIRECT LABOR *(List Labor Categories)*	ESTIMATED HOURS	RATE PER HOUR ($)	ESTIMATED COST ($)	TOTAL ESTIMATED COST ($)
Sr. Principal Investigators / Scientists	550.00	68.75	37,812.50	
Principal Investigators / Staff Scientists	2,500.00	49.46	123,650.00	
Administrative Support	500.00	25.97	12,985.00	
			TOTAL DIRECT LABOR	174,447.50

2. OVERHEAD	RATE (%)	TOTAL LABOR ($)	ESTIMATED COSTS ($)	TOTAL ESTIMATED COST ($)
Fringe Benefits/Facility Overhead	150.00	174,447.50	261,671.25	261,671.25

3. MATERIALS/SERVICES (Excluding Information Technology (IT))	ESTIMATED COSTS ($)	TOTAL ESTIMATED COST ($)
Printing	12,000.00	12,000.00

4. INFORMATION TECHNOLOGY SUPPORT	ESTIMATED COSTS ($)	TOTAL ESTIMATED COST ($)
	TOTAL IT SUPPORT	

5. TRAVEL	ESTIMATED COSTS ($)	TOTAL ESTIMATED COST ($)
	0.00	

6. SUBCONTRACTOR(S)/CONSULTANT(S)	ESTIMATED COSTS ($)	TOTAL ESTIMATED COST ($)
Data Processing (e.g., Westat)	150,000.00	
	TOTAL SUBCONTRACTOR(S)/CONSULTANT(S)	150,000.00

7. OTHER DIRECT COSTS	ESTIMATED COSTS ($)	TOTAL ESTIMATED COST ($)

8.	TOTAL ESTIMATED COST	598,118.75

TYPED NAME AND TITLE	SIGNATURE
Terry Brock	Terry C Brock
OFFICE/DIVISION/BRANCH	DATE
RES/DFERR/RPERWM/HEB	8-16-07

ENCLOSURE 2

DETERMINATION AND FINDINGS (D&F)
INTERAGENCY ACQUISITION

AGREEMENT NO.: RES-07-010

SERVICING AGENCY: U.S. National Cancer Institute (NCI)

JOB CONTROL NO.: N6476

TITLE: An Update to the U.S. National Cancer Institute Report, " Cancer in Populations Living Near Nuclear Facilities"

ESTIMATED COST: $200K (2007)
$200K (2008)
$200K (2009)

PERIOD OF PERFORMANCE: 9/30/2007 - 9/30/2010

FINDINGS:

In accordance with Federal Acquisition Regulation (FAR) Subpart 17.503, this proposed acquisition is supported as follows:

Use of the interagency acquisition is in the best interest of the Government because the National Cancer Institute is the originator of the study to be updated and is the national authority on the topic. Also, the supplies or services required cannot be obtained as conveniently or economically by contracting directly with a private commercial source.

The order requires contracting action by the servicing agency and will appropriately be made under an existing contract of the servicing agency.

DETERMINATION:

Pursuant to Subpart 17.503(c) of the FAR, I have determined that the above described interagency acquisition is covered and is ( ) approved ( ) disapproved.

Jennifer Uhle, Director, DFERR/RES 9/4/7
Date

ENCLOSURE 3

ROUTING AND TRANSMITTAL SLIP	Date: 8/21/07	
TO:	Initials	Date
1. T. Brock, Originator - CONCUR		8/24/07
2. S. Bush-Goddard, Branch Chief - CONCUR		8/24/07
3. S. Bahadur, Deputy Director - CONCUR	Sbag	8/24
4. S. NESMITH - REVIEW		
5. D. NEFF - REVIEW		8/30/07
6. S. NESMITH		
7. J. Uhle - D/DFERR - CONCUR		8/24/7
8. MAILROOM - LOG		
9. B. Sheron - CONCUR Signed on 8/31		
10. MAILROOM		
11. J. Uhle, D/DFERR - SIGN		9-4
12. B. SHERON		8-31
13. S. NESMITH - ACTION		
14. Matina S, SECRETARY - DISPATCH		

	As Requested		For Correction		Prepare Reply
	Circulate		For Your Information		See Me
	Comment		Investigate	X	Concurrence/Signature
	Coordination		Justify		

SUBJECT:
RECOMMENDATION TO SUBMIT A STATEMENT OF WORK TO THE NATIONAL CANCER INSTITUTE TO INITIATE AN INTERAGENCY AGREEMENT TO UPDATE THE STUDY "CANCER IN POPULATIONS LIVING NEAR NUCLEAR FACILITIES" (JCN 6476)

NIH / NCI

CHOOSE ONE OF THE FOLLOWING: New Work total value $600K. MD.

[ ] Does not meet the criteria.
[ ] This project is a new start and the estimated total cost of the project is $X,XXX,XXX.00 (between $1M and $3M)
[ ] This project is being modified and the estimated total cost will be $X,XXX,XXX.00 (between $1M and $3M)
[ ] This project is a new start and the estimated total cost of the project is over $3M
[ ] This project is being modified and the estimated total cost will be over $3M
[ ] This project is a new start and it has NRC policy implications.
[ ] This project is being modified and it has NRC policy implications.
[ ] This project was prior Commission reviewed/Chairman approved and it is being terminated.
[ ] This project's costs are significantly greater/less than what the Commission reviewed/Chairman approved.
[ ] Transfer funds of $500K or greater will be required. (Memo under separate cover.)

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