

ORDER FOR SUPPLIES OR SERVICES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

BPA NO. NRC-DR-03-08-061

1. DATE OF ORDER MAR 24 2009		2. CONTRACT NO. (if any) GS23F8182H		6. SHIP TO:	
3. ORDER NO. NRC-T005		4. REQUISITION/REFERENCE NO. 03-08-061T005 NRR-09-032		a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission	
5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Jeffrey R. Mitchell, 301-492-3639 Mail Stop: TWB-01-B10M Washington, DC 20555				b. STREET ADDRESS Attn: Rachel Glaros Mail Stop: O13-E19 11555 Rockville Pike	
		7. TO:		c. CITY Rockville	d. STATE MD
				e. ZIP CODE 20852	
a. NAME OF CONTRACTOR ICF CONSULTING GROUP, INC. ICF CONSULTING				8. TYPE OF ORDER	
b. COMPANY NAME ATTN: PAUL BAILEY				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY	
c. STREET ADDRESS 9300 LEE HIGHWAY				REFERENCE YOUR _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY FAIRFAX		e. STATE VA	f. ZIP CODE 220311207	Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
9. ACCOUNTING AND APPROPRIATION DATA 920-15-111-120 J3249 252A 31x0200.920 Obligate \$40,000.00 Contractor DUNS: 072648579				10. REQUISITIONING OFFICE NRR	
11. BUSINESS CLASSIFICATION (Check appropriate box(es))					12. F.O.B. POINT
<input type="checkbox"/> a. SMALL	<input type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED	N/A	
<input type="checkbox"/> d. WOMEN-OWNED	<input type="checkbox"/> e. HUBZone	<input type="checkbox"/> f. EMERGING SMALLBUSINESS			
13. PLACE OF		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)		16. DISCOUNT TERMS
a. INSPECTION	b. ACCEPTANCE		As Stated		Net 30

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	Task Order No. 5, entitled "Technical Assistance for the the Re-Analysis of the NRC's Dollar Value per Person-Rem Averted" The issuance of this task order does not amend any other terms and conditions of the subject contract.					

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.	
21. MAIL INVOICE TO:					
a. NAME Department of Interior / NBC NRCPayments@nbc.gov					
b. STREET ADDRESS (or P.O. Box) Attn: Fiscal Services Branch - D2770 7301 W. Mansfield Avenue					
c. CITY Denver		d. STATE CO	e. ZIP CODE 80235-2230	86,589.00	

17(h) TOTAL (Cont. pages)

17(i). GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)		23. NAME (Typed) Jeffrey R. Mitchell Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER	
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FOR INFORMATION AND RECORD ONLY
PREVIOUS EDITIONS ARE OBSOLETE

SUNSI REVIEW COMPL

APR 6 2009

OPTIONAL FORM 347 (REV. 12/2006)
PRESCRIBED BY GSA FPMR 53.213(f)

ADMOOZ

In accordance with the Terms and Conditions, TASK ORDER PROCEDURES, of the subject contract, Task Order No. 05 is definitized. The effort shall be performed in accordance with the attached Statement of Work.

CONSIDERATION AND OBLIGATION--COST REIMBURSEMENT (JUN. 1988)

(a) The total estimated cost to the Government for full performance under this contract is \$86,589.00.

(b) The amount obligated by the Government with respect to this contract is \$40,000.00. This obligated amount may be unilaterally increased from time to time by the Contracting Officer by written modification to this contract. The obligated amount shall, at no time, exceed the contract ceiling as specified in paragraph (a) above. When and if the amount(s) paid and payable to the Contractor hereunder shall equal the obligated amount, the Contractor shall not be obligated to continue performance of the work unless and until the Contracting Officer shall increase the amount obligated with respect to this contract. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's sole risk.

DURATION OF CONTRACT PERIOD (MAR 1987)

This contract shall commence on April 1, 2009 and will expire March 31, 2010.

PRICE/COST SCHEDULE

The following is a summary of the labor categories, number of hours and hourly labor rates.

APRIL 1, 2009 THROUGH MARCH 31, 2010				
CLIN	LABOR CATEGORY	EST. HOURS	RATE	ESTIMATE
001	Principal Consultant	[REDACTED]	[REDACTED]	\$47,301.00
002	Consultant	[REDACTED]	[REDACTED]	\$27,730.00
003	Junior Consultant	[REDACTED]	[REDACTED]	\$11,044.00
OPEN MARKET ITEMS				
CLIN	DESCRIPTION	QUANTITY	AMOUNT	ESTIMATE
004 **	Travel	[REDACTED]	Not to Exceed	\$192.00
005 **	Other Direct Cost (Phone, Postage & Reproduction)	[REDACTED]	Not to Exceed (Actual Cost)	\$250.00
006 **	G&A on ODC's	[REDACTED]	[REDACTED]	\$73.00
Estimated Total				\$86,589.00

** These items are Open Market and do not apply to the Federal Supply Schedule Terms and Conditions.

These items must comply with the following clauses incorporated by reference:

REFERENCE	NUMBER	TITLE	DATE
REFERENCE	FAR 52.212-4	CONTRACT TERMS AND CONDITIONS COMMERCIAL ITEMS	MARCH 2001
REFERENCE	FAR 52.212-5	CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUES OR EXECUTIVE ORDERS - COMMERCIAL ITEMS	MARCH 2001

Your contacts during the course of the work order are:

GS23F8182H NRC-T005

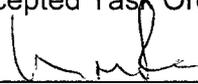
Technical Matters: Project Officer: Rachel Glaros, 301-415-3672

Technical Monitors: Brian Richter, (301) 415-1978
Brian.Richter@nrc.gov

Contractual Matters: Jeffrey R. Mitchell, Contract Specialist
301-492-3639

The issuance of this work order does not amend any terms or conditions of the delivery order under the GSA FSS Contract.

Accepted Task Order No. 05:



NAME

V.P. CONTRACTS

TITLE

3/30/09

DATE

STATEMENT OF WORK
NRC Contract No. NRC-DR-03-08-061
Task Order No. 05

Title: Technical Assistance for the Re-Analysis of the NRC's Dollar Value per Person-Rem Averted

Technical Monitor: Brian Richter, (301) 415-1978, Brian.Richter@nrc.gov.

TAC Number: ME0431

1. BACKGROUND

As part of its regulatory responsibilities, the U.S. Nuclear Regulatory Commission (NRC) performs regulatory analyses to support a variety of regulatory actions that affect nuclear power reactor and non-power reactor licensees. The regulatory analysis is a tool provided to decision makers which demonstrates an analysis of the need for and the consequences of a proposed regulatory action. The analysis recommends a preferred alternative from the potential courses of action studied and documents the analysis in an organized and understandable format.

In performing regulatory analyses, it is often the case that the NRC staff identifies key attributes as those related to radiation exposures, whether the exposures be to employees or to the off-site general population and either through general operation or exposures due to accidental releases. For many years, the NRC has placed a dollar value on the unit of person-rem avoided. Presently, the value is \$2000. The approach deriving this value was originally discussed in "Value of Public Health and Safety Actions and Radiation Dose Avoided," NUREG/CR-6212. The guidance establishing this value was included in "Reassessment of NRC's Dollar per Person-Rem Conversion Factor Policy," NUREG-1530, December 1995. At approximately the same time, the NRC specifically included this new value in its guidance document, "Regulatory Analysis Guidelines of the U.S. Nuclear Regulatory Commission," NUREG/BR-0058, Revision 2, November 1995.

In NUREG-1530, guidance was provided by which the dollar value per person-rem was to be revised in the future. That guidance states:

"The NRC recognizes that updating the dollar per person-rem conversion factor may be appropriate in the future. Consequently, the NRC intends that the dollar per person-rem conversion factor be subject to periodic review. The dollar per person-rem conversion factor would only be adjusted if changes in the underlying parameters cause the base conversion factor (when rounded to the nearest thousand dollars) to shift up or down by a thousand dollars or more. The NRC's update will consider such factors as changes in the value of the dollar, new research addressing the appropriate value of a statistical life in governmental decisionmaking, or a change in recommended radiation risk coefficients."

Because of the length of time having passed since the last value was derived and published, the dollar per person-rem conversion factor now needs to be re-evaluated.

2. OBJECTIVES

The objectives of this task order are to obtain technical assistance to support the NRC staff with: (1) evaluating the techniques used to develop the NRC's \$2000 per person-rem averted value; (2) determining a revised dollar per person-rem averted value, as appropriate; and (3) understanding how industry values the radiation exposures employees may receive in their normal tasks at nuclear power plants, for informational purposes only.

3. SCOPE OF WORK

Task 1

ICF shall attend a kick-off at NRC Headquarters, Rockville, Maryland within two weeks after the award of the task order. The purpose of the meeting is to discuss the approach to accomplishing the task order objectives; provide clarification on requirements, if needed, to all parties involved; and determine if ICF needs any relevant NRC documents.

ICF shall review and familiarize itself with the techniques used in the above referenced documents in the development of the NRC's \$2000 per person-rem averted value. ICF shall then recommend any modification(s) and any bases for the recommendations to improve that approach. The proposed changes shall be provided by ICF in a report to the NRC. ICF shall prepare a draft report and a final report incorporating any NRC comments.

Task 2

Based upon the results of Task 1, the guidance in NUREG-1530 regarding a periodic review of the dollar per person-rem averted value, and most recent available data, ICF shall derive a dollar per person-rem averted value. ICF shall provide an update to the Task 1 report to include a recommended revised value for the dollar per person-rem averted, as appropriate. (N.B. NRC will then determine if the new value would require a revision to its guidance. If so, the NRC staff would revise the guidance.) ICF shall prepare a draft updated report and a final updated report incorporating any NRC comments.

Task 3

ICF shall identify approaches used in the nuclear power generating industry to determine the dollar values used in determining their employees' exposures as they relate to work-related exposures. ICF shall provide a summary of these approaches in a report to the NRC. ICF shall prepare a draft report and a final report incorporating any NRC comments.

As stated above, NRC is requesting this data for informational purposes only.

4. TECHNICAL AND OTHER SPECIAL QUALIFICATIONS REQUIRED

Personnel with expertise in engineering, nuclear engineering, cost engineering, health physics, cost-benefit analysis, risk analysis, and environmental sciences is required. The personnel must demonstrate knowledge of the NRC rules and regulations. ICF shall provide a Project Manager (PM) to oversee the efforts of the contract team and to ensure timely submittal of quality deliverables such that all information is accurate and complete.

5. PERIOD OF PERFORMANCE

The period of performance from April 1, 2009 through March 31, 2010.

6. DELIVERABLES

ICF shall provide all deliverables as draft products. The NRC TM will review all draft deliverables, coordinate an internal NRC staff review, and provide comments to ICF. ICF shall revise the draft deliverables based on the comments provided by the NRC TM, and submit the final version of the deliverable. When mutually agreed upon between the ICF PM and the NRC TM, ICF may submit preliminary or partial drafts to help gauge ICF's understanding of the particular work requirement.

ICF shall provide an electronic copy of the deliverables to both the NRC PM and the NRC TM. The electronic copy of the deliverables shall be provided in Microsoft Word or any other processing software approved by the NRC TM.

Task 1

A report containing recommended modifications to the NRC's technique in developing a dollar value per person-rem averted.

Draft due date: Two months after the kick-off meeting

Final due date: Two weeks after the receipt of NRC comments

Task 2

Update to the Task 1 Report containing a proposed new value of dollar per person-rem averted, as appropriate, for the NRC to consider for use in its regulatory analysis and related actions.

Draft due date: Two months after the completion of Task 1

Final due date: Two weeks after the receipt of NRC comments

Task 3

A report containing information as to the dollar values industry uses in arriving at person-rem averted for their employees in the course of their work

Draft due date: Two months after the completion of Task 2

Final due date: Two weeks after the receipt of NRC comments

7. MEETINGS AND TRAVEL

For purposes of preparing a proposal, ICF shall assume the following meeting and travel requirements:

Four, two-person, two-hour meetings, at NRC Headquarters in Rockville, Maryland. This travel is assumed to be local.

8. NRC FURNISHED MATERIALS

All of the relevant NRC documents which ICF does not have will be provided to them by the NRC.

9. LICENSE FEE RECOVERY

The work specified in this Statement of Work is not license fee recoverable.