

ORDER FOR SUPPLIES OR SERVICES

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

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

1. DATE OF ORDER 4/21/2010 2. CONTRACT NO. (if any) GS23F8182H 6. SHIP TO:

3. ORDER NO. NRC-T009 MODIFICATION NO. 4. REQUISITION/REFERENCE NO. NRR-10-206 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: Rick Daniel Mail Stop: 11555 Rockville Pike

c. CITY Rockville d. STATE MD e. ZIP CODE 20852

7. TO: f. SHIP VIA

a. NAME OF CONTRACTOR ICF Incorporated, LLC 8. TYPE OF ORDER

b. COMPANY NAME ATTN: PAUL BAILEY a. PURCHASE 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. 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.

d. CITY FAIRFAX e. STATE VA f. ZIP CODE 220311207

9. ACCOUNTING AND APPROPRIATION DATA 1020-15-111-120b J3249 252A 31x0200.020 Obligate \$53,000.00 Contractor DUNS: 072648579 10. REQUISITIONING OFFICE NRR

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) a. SMALL b. OTHER THAN SMALL c. DISADVANTAGED g. SERVICE-DISABLED VETERAN-OWNED d. WOMEN-OWNED e. HUBZone f. EMERGING SMALLBUSINESS 12. F.O.B. POINT N/A

13. PLACE OF a. INSPECTION b. ACCEPTANCE 14. GOVERNMENT B/L NO. 15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) As Stated 16. DISCOUNT TERMS 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. 9, entitled "Technical Assistance for the Review and Comment on Regulatory Analysis Guidance" The issuance of this task order does not amend any other terms and conditions of the subject contract.					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.	17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:			
	a. NAME Department of Interior / NBC NRCPayments@nbc.gov			17(i) GRAND TOTAL
	b. STREET ADDRESS (or P.O. Box) Attn: Fiscal Services Branch - D2770 7301 W. Mansfield Avenue	c. CITY Denver	e. ZIP CODE 80235-2230	

22. UNITED STATES OF AMERICA BY (Signature) *Jeffrey R. Mitchell* 23. NAME (Typed) Jeffrey R. Mitchell Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER

In accordance with the Terms and Conditions, TASK ORDER PROCEDURES, of the subject contract, Task Order No. 09 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 \$82,519.00.

(b) The amount obligated by the Government with respect to this contract is \$53,000.00. 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 Day of Award and will expire June 30, 2011.

PRICE/COST SCHEDULE

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

DAY OF AWARD THROUGH SEPTEMBER 30, 2010				
CLIN	LABOR CATEGORY	EST. HOURS	RATE	ESTIMATE
001	Principal Consultant			
002	Senior Consultant			
003	Consultant			
004	Administrative Support			
OCTOBER 1, 2010 THROUGH JUNE 30, 2011				
CLIN	LABOR CATEGORY	EST. HOURS	RATE	ESTIMATE
005	Principal Consultant			
006	Senior Consultant			
007	Consultant			
008	Administrative Support			
OPEN MARKET ITEMS (DAY OF AWARD THROUGH JUNE 30, 2011)				
CLIN	DESCRIPTION	QUANTITY	AMOUNT	ESTIMATE
009 **	Travel		Not to Exceed	
010 **	Other Direct Cost (Phone, Postage & Reproduction)		Not to Exceed (Actual Cost)	
011 **	G&A on ODC's		Included Above to ODC's	
Estimated Total				\$82,519.00

** 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
	FAR 52.212-4	CONTRACT TERMS AND CONDITIONS	MARCH 2001

GS23F8182H NRC-T009

COMMERCIAL ITEMS

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

Your contacts during the course of the work order are:

Technical Matters: Project Officer: Rick Daniel, 301-415-6319

Technical Monitors: Brian Richter, (301) 415-1978, Brian.Richter@nrc.gov
Kosmas Lois, (301) 415-8341, Kosmas.Lois@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. 09:

Kevin Venasco
NAME Kevin Venasco
Staff Director
TITLE

04.27.10
DATE

**STATEMENT OF WORK
NRC-DR-03-08-061, JCN J-3249
TASK ORDER NO. 9**

Title: Technical Assistance for the Review and Comment on Regulatory
Analysis Guidance

Technical Monitors: Brian Richter, (301) 415-1978, Brian.Richter@nrc.gov
Kosmas Lois, (301) 415-8341, Kosmas.Lois@nrc.gov

TAC Number: MD6930

1. BACKGROUND

The Nuclear Regulatory Commission (NRC) is initiating action to revise its regulatory analysis guidance documents. Some of these documents have not been revised in many years, while others have never been modified. Also, it is the case that when much of the guidance was developed, it focused only on the licensees of the Office of Nuclear Reactor Regulation (NRR). Subsequently, much has changed with additional regulatory analysis experience having been developed and gained by the Offices of New Reactors (NRO) and Federal and State Materials and Environmental Management Programs (FSME). Also, there has been the passage of new regulations such as the backfit regulations for various offices. Further, some of the earlier guidance documents have not proven to be very useful over time and have no need to be rewritten. The NRC staff is also well aware that the same may be said for certain portions of other guidance documents.

2. OBJECTIVES

The major objective of this task is for the contractor to assist NRC in the identification of the regulatory analysis guidance documents which need to be revised and to recommend the type of modifications which should be performed on them. NRC shall provide a list of relevant documents for the contractor to consider (attached). The contractor shall review the list and make suggestions as to any documents which they believe should be added to the list. Also, the contractor shall make suggestions as to how the various documents should be revised, i.e., which may need to be updated, rewritten, deleted, etc. The contractor shall discuss what they believe needs to be done to the various guidance documents, but will not actually make the modifications. The report shall be written on a level that assumes the readers are already familiar with the topics discussed.

3. SCOPE OF WORK

An initial kick-off meeting shall be held at the NRC with ICF to discuss the Task Order; provide clarification, if needed, to all parties involved; and determine if ICF needs any of the previously identified NRC documents. Also, agreement may be reached at that time that certain of the references contained on the list may be deleted.

Task 1

The first step in this process is to review the list of regulatory analysis guidance documents provided by the NRC that need to be revisited. (See Appendix 1.) The contractor shall then add any documents that it considers necessary for the task, which may not have been included on the original list.

Task 2

After the relevant documents have been identified, the contractor will evaluate them and recommend to the NRC how the documents should be dispositioned, i.e., completely reorganize and rewrite, revise in part, or eliminate. In making their suggestions, the contractor should place emphasis upon the relevance, currency, and clarity of the existing documents. Also, the contractor should compare the NRC guidance with that provided by Executive Order 12866 and the Office of Management and Budget in their Circular A-4 on Regulatory Analysis.

Task 3

The contractor shall identify specific recommendations that NRC may want to make to the documents and also suggest if any new guidance documents should be undertaken. However, the contractor is not being tasked to actually make the suggested changes to the documents.

4. TECHNICAL AND OTHER SPECIAL QUALIFICATIONS REQUIRED

Personnel with expertise in regulatory analysis, engineering, nuclear engineering, nuclear power reactors, health physics, research and test reactors, cost engineering, cost-benefit analysis, risk analysis, and environmental sciences are 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 the timely submittal of quality deliverables such that all information is accurate and complete.

5. PERIOD OF PERFORMANCE

The period of performance is from the date of award through June 30, 2011.

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 word processing software approved by the NRC TM.

Task 1

To provide a revision of the original list of documents

Draft Due Date: One month after the NRC directs ICF to initiate work on the task order.

Final due date: One week after the receipt of comments on the Task 1 draft from the NRC.

Task 2

To provide a recommendation as to the disposition of the identified documents.

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

Final due date: Two weeks after the receipt of comments on the Task 2 draft from the NRC.

Task 3

To provide suggested changes to be made to the documents and also suggest any new guidance documents that it believes should be developed. These changes would not be actual rewrites of documents, but suggestions such as noting that a given chapter of a document needs to be updated, or that regulatory analysis guidance relating to materials licenses or new reactors needs to be expanded in a certain section of a document.

Draft Due Date: Three months after the NRC directs ICF to initiate work on Task 3.

Final due date: Four weeks after the receipt of comments on the Task 3 draft from the NRC.

Appendix 1

REGULATORY ANALYSIS GUIDANCE DOCUMENTS

- "Regulatory Analysis Guidelines of the U.S. Nuclear Regulatory Commission, NUREG/BR-0058, Revision 4, U.S. Nuclear Regulatory Commission, September 2004.
- "Regulatory Analysis Technical Evaluation Handbook," NUREG/BR-0184, U.S. Nuclear Regulatory Commission, January 1997.
- "U.S. Nuclear Regulatory Commission Regulations Handbook," NUREG/BR-0053, Revision 6, U.S. Nuclear Regulatory Commission, September 2005. (Only those parts dealing with regulatory analyses or related topics.)
- "Reassessment of NRC's Dollar per Person-Rem Conversion Factor Policy," NUREG-1530, U.S. Nuclear Regulatory Commission, December 1995.
- "Policy Statement on Safety Goals for the Operation of Nuclear Power Plants," U.S. Nuclear Regulatory Commission, August 4, 1986. Corrected and reprinted at *Federal Register*, Vol.51, No. 162, pp. 30028-30035, August 21, 1986.
- "Nuclear Fuel Cycle Facility Accident Analysis Handbook," NUREG-1320, U.S. Nuclear Regulatory Commission, 1988.
- "Loss of Benefits Resulting from Nuclear Power Plant Outages, Volume 1: Main Report," NUREG/CR-3045, U.S. Nuclear Regulatory Commission, 1982.
- "Economic Risks of Nuclear Power Reactor Accidents," NUREG/CR-3673, U.S. Nuclear Regulatory Commission, 1984.
- "FORECAST: Regulatory Effects Cost Analysis Software Manual, Version 4.1," NUREG/CR-5595, Rev. 1, Science and Engineering Associates, Inc., 1996.
- "Cost Considerations in Regulatory Analysis," NUREG/CR-6349, Brookhaven National Laboratory, 1995.
- "Economic Risk of Contamination Cleanup Costs Resulting from Large Non-Reactor Nuclear material Licensee Operations," NUREG/CR-5381, Sandia National Laboratories, 1990.
- "Labor Productivity Adjustment Factors," NUREG/CR-4546, Science and Engineering Associates, Inc. and Mathtech, Inc., 1986.
- "Generic Methodology for Estimating the Labor Cost Associated with the Removal of Hardware, Materials, and Structures from Nuclear Power Plants," SEA Report 84-116-05-A:1, Science and Engineering Associates, Inc. and Mathtech, Inc., 1986.
- "Generic Cost Estimates," NUREG/CR-4627 (Rev. 2), Science and Engineering Associates, Inc., 1992.

"Radiation-Related Impacts for Nuclear Power Plant Physical Modifications," NUREG/CR- 5236, Science and Engineering Associates, Inc., 1989.

"Estimates of the Financial Risks of Nuclear Power Reactor Accidents," NUREG/CR-2723, Sandia National Laboratories, 1982.

"Accident Sequence Evaluation Program Human Reliability Analysis Procedure," NUREG/CR-4772, Sandia National Laboratories, 1987.

"Offsite Consequences of Radiological Accidents: Methods, Costs, and Schedules for Decontamination," NUREG/CR-3413, Pacific Northwest National Laboratory, 1985.

"Considerations Regarding the Estimation of Property Damage from Reactor Accidents," Letter Report, Pacific Northwest National Laboratory, 1991.

"Backfitting Guidelines," NUREG/CR-1409, U.S. Nuclear Regulatory Commission, 1990.

"Assessment of NRC's Dollar per Person-Rem Conversion Factor Policy," NUREG-1530, U.S. Nuclear Regulatory Commission, 1995.

"Rulemaking Procedures," LIC-300, Revision 2, U.S. Nuclear Regulatory Commission, September 2008. (Only those parts dealing with regulatory analyses or related topics.)

"Needs and Options for Improving Guidance for Regulatory Analysis in Support of Safety Issue Resolution," MTR-90W00004, The MITRE Corporation, January 1990.

"A Handbook for Quick Cost Estimates: A Method for Developing Quick Approximate Estimates of Costs for Generic Actions for Nuclear Power Plants," NUREG/CR-4568, U.S. Nuclear Regulatory Commission, 1986.