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3. ORDER NO DR-04-							- a NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission						
5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission						b. STREET ADDRESS Attn: Don Dube, RES/DRAA/OERAB							
Div. of Contracts Attn: Jeff Mitchell, (301) 415-6465							Mail Stop T-9 F39				d. STATE e. ZIP CODE		
Mail Stop T-7-I-2 Washington, DC 20555						Washington				DC 20555			
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c. STREET ADDRESS 10070 BARNES CANYON RD							Please furnish the following on the terms and conditions specified on both sides of this order contained				task order is subject to instructions d on this side only of this form and is ubject to the terms and conditions		
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	The contractor shall provide support for NRC Staff r of the Mitigating Systems Performance Index (MSPI) i accordance with the attached statement of work.					iews		See Col	NTINUATION	l Page			
	This is a labor-hour type purchase order with a not-texceed ceiling price of \$75,366.80. Refer to the fol page for labor rates, estimated labor hours and estimated district costs.												
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22. UNITED STATES OF AMERICA  23. NAME (Typod) Stephen M. Pool								00]					
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### ORDER FOR SUPPLIES OR SERVICES SCHEDULE - CONTINUATION

PAGE NO.

IMPORTANT: Mark all packages and papers with contract and/or order numbers. ORDER NO. DATE OF ORDER CONTRACT NO. DR-04-06-065 QUANTITY ACCEPTED (G) QUANTITY ORDERED (C) UNIT PRICE (E) ITEM NO. (A) SUPPLIES OR SERVICES UNIT TAUCMA (D) **(B**) (F) \$44,083.20 1 Bruce Mrowca 2 Executive Scientist \$7,284.80 \$23,862.80 3 Engineer/Scientist 1 Other Direct Costs \$130.00 TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H)) \$75,366.80

#### ADDITIONAL SIMPLIFIED ACQUISITION TERMS AND CONDITIONS

#### A.1 NOTICE LISTING CLAUSES INCORPORATED BY REFERENCE

The following clauses are hereby incorporated by reference (by Citation Number, Title, and Date) in accordance with the clause at FAR "52.252-2 CLAUSES INCORPORATED BY REFERENCE" contained in this document. FAR 52.252-2 contains the internet address for electronic access to the full text of a clause.

NUMBER	TITLE	DATE
	FEDERAL ACQUISITION REGULATION (48 CFF	R Chapter 1)
52.213-4	TERMS AND CONDITIONSSIMPLIFIED	JUL 2005
	ACQUISITIONS	
	(OTHER THAN COMMERCIAL ITEMS)	•
52.233-4	Applicable Law for Breach of Contract	OCT 2004
	Claim	
52.243-1	CHANGESFIXED PRICE	AUG 1987
	ALTERNATE I (APR 1984)	

### A.2 NRC ACQUISITION CLAUSES - (NRCAR) 48 CFR CH. 20

#### A.3 2052.215-70 KEY PERSONNEL (JAN 1993)

(a) The following individuals are considered to be essential to the successful performance of the work hereunder:

Bruce Mrowca

The contractor agrees that personnel may not be removed from the contract work or replaced without compliance with paragraphs (b) and (c) of this section.

- (b) If one or more of the key personnel, for whatever reason, becomes, or is expected to become, unavailable for work under this contract for a continuous period exceeding 30 work days, or is expected to devote substantially less effort to the work than indicated in the proposal or initially anticipated, the contractor shall immediately notify the contracting officer and shall, subject to the con-currence of the contracting officer, promptly replace the personnel with personnel of at least substantially equal ability and qualifications.
- (c) Each request for approval of substitutions must be in writing and contain a detailed explanation of the circumstances necessitating the proposed substitutions. The request must also contain a complete resume for

the proposed substitute and other information requested or needed by the contracting officer to evaluate the proposed substitution. The contracting officer and the project officer shall evaluate the contractor's request and the contracting officer shall promptly notify the contractor of his or her decision in writing.

(d) If the contracting officer determines that suitable and timely replacement of key personnel who have been reassigned, terminated, or have otherwise become unavailable for the contract work is not reasonably forthcoming, or that the resultant reduction of productive effort would be so substantial as to impair the successful completion of the contract or the service order, the contract may be terminated by the contracting officer for default or for the convenience of the Government, as appropriate. If the contracting officer finds the contractor at fault for the condition, the contract price or fixed fee may be equitably adjusted downward to compensate the Government for any resultant delay, loss, or damage.

#### A.4 PROJECT OFFICER AUTHORITY (ALT 2) (FEB 2004)

(a) The contracting officer's authorized representative hereinafter referred to as the project officer for this contract is:

Name:

**Donald Dube** 

Telephone Number:

301-415-5472

- (b) The project officer shall:
- (1) Monitor contractor performance and recommend changes in requirements to the contracting officer.
- (2) Inspect and accept products/services provided under the contract.
- (3) Review all contractor invoices/vouchers requesting payment for products/services provided under the contract and make recommendations for approval, disapproval, or suspension.
- (4) Immediately notify the Security Branch, Division of Facilities and Security (SB/DFS) (via e-mail) when a contractor emplyee no longer requires access authorization and return of any NRC issued badge to SB/DFS within three days after their termination.
- (c) The project officer may not make changes to the express terms and conditions of this contract.

## A.5 2052.209-72 CONTRACTOR ORGANIZATIONAL CONFLICTS OF INTEREST (JAN 1993)

- (a) Purpose. The primary purpose of this clause is to aid in ensuring that the contractor:
- (1) Is not placed in a conflicting role because of current or planned interests (financial, contractual, organizational, or otherwise) which relate to the work under this contract; and

- (2) Does not obtain an unfair competitive advantage over other parties by virtue of its performance of this contract.
- (b) Scope. The restrictions described apply to performance or participation by the contractor, as defined in 48 CFR 2009.570-2 in the activities covered by this clause.
  - (c) Work for others.
- (1) Notwithstanding any other provision of this contract, during the term of this contract, the contractor agrees to forego entering into consulting or other contractual arrangements with any firm or organization the result of which may give rise to a conflict of interest with respect to the work being performed under this contract. The contractor shall ensure that all employees under this contract abide by the provision of this clause. If the contractor has reason to believe, with respect to itself or any employee, that any proposed consultant or other contractual arrangement with any firm or organization may involve a potential conflict of interest, the contractor shall obtain the written approval of the contracting officer before the execution of such contractual arrangement.
- (2) The contractor may not represent, assist, or otherwise support an NRC licensee or applicant undergoing an NRC audit, inspection, or review where the activities that are the subject of the audit, inspection, or review are the same as or substantially similar to the services within the scope of this contract (or task order as appropriate) except where the NRC licensee or applicant requires the contractor's support to explain or defend the contractor's prior work for the utility or other entity which NRC questions.
- (3) When the contractor performs work for the NRC under this contract at any NRC licensee or applicant site, the contractor shall neither solicit nor perform work in the same or similar technical area for that licensee or applicant organization for a period commencing with the award of the task order or beginning of work on the site (if not a task order contract) and ending one year after completion of all work under the associated task order, or last time at the site (if not a task order contract).
- (4) When the contractor performs work for the NRC under this contract at any NRC licensee or applicant site.
- (i) The contractor may not solicit work at that site for that licensee or applicant during the period of performance of the task order or the contract, as appropriate.
- (ii) The contractor may not perform work at that site for that licensee or applicant during the period of performance of the task order or the contract, as appropriate, and for one year thereafter.
- (iii) Notwithstanding the foregoing, the contracting officer may authorize the contractor to solicit or perform this type of work (except work in the same or similar technical area) if the contracting officer determines that the situation will not pose a potential for technical bias or unfair competitive advantage.
  - (d) Disclosure after award.
- (1) The contractor warrants that to the best of its knowledge and belief, and except as otherwise set forth in this contract, that it does not have any organizational conflicts of interest as defined in 48 CFR 2009.570-2.
- (2) The contractor agrees that if, after award, it discovers organizational conflicts of interest with respect to this contract, it shall make an immediate and full disclosure in writing to the contracting officer. This statement must include a description of the action which the contractor has taken or proposes to take to avoid or mitigate such conflicts. The NRC may, however, terminate the contract if termination is in the best interest of the Government.

- (3) It is recognized that the scope of work of a task-order-type contract necessarily encompasses a broad spectrum of activities. Consequently, if this is a task-order-type contract, the contractor agrees that it will disclose all proposed new work involving NRC licensees or applicants which comes within the scope of work of the underlying contract. Further, if this contract involves work at a licensee or applicant site, the contractor agrees to exercise diligence to discover and disclose any new work at that licensee or applicant site. This disclosure must be made before the submission of a bid or proposal to the utility or other regulated entity and must be received by the NRC at least 15 days before the proposed award date in any event, unless a written justification demonstrating urgency and due diligence to discover and disclose is provided by the contractor and approved by the contracting officer. The disclosure must include the statement of work, the dollar value of the proposed contract, and any other documents that are needed to fully describe the proposed work for the regulated utility or other regulated entity. NRC may deny approval of the disclosed work only when the NRC has issued a task order which includes the technical area and, if site-specific, the site, or has plans to issue a task order which includes the technical area and, if site-specific, the site, or when the work violates paragraphs (c)(2), (c)(3) or (c)(4) of this section.
  - (e) Access to and use of information.
- (1) If in the performance of this contract, the contractor obtains access to information, such as NRC plans, policies, reports, studies, financial plans, internal data protected by the Privacy Act of 1974 (5 U.S.C. Section 552a (1988)), or the Freedom of Information Act (5 U.S.C. Section 552 (1986)), the contractor agrees not to:
  - (i) Use this information for any private purpose until the information has been released to the public;
- (ii) Compete for work for the Commission based on the information for a period of six months after either the completion of this contract or the release of the information to the public, whichever is first;
- (iii) Submit an unsolicited proposal to the Government based on the information until one year after the release of the information to the public; or
- (iv) Release the information without prior written approval by the contracting officer unless the information has previously been released to the public by the NRC.
- (2) In addition, the contractor agrees that, to the extent it receives or is given access to proprietary data, data protected by the Privacy Act of 1974 (5 U.S.C. Section 552a (1988)), or the Freedom of Information Act (5 U.S.C. Section 552 (1986)), or other confidential or privileged technical, business, or financial information under this contract, the contractor shall treat the information in accordance with restrictions placed on use of the information.
- (3) Subject to patent and security provisions of this contract, the contractor shall have the right to use technical data it produces under this contract for private purposes provided that all requirements of this contract have been met.
- (f) Subcontracts. Except as provided in 48 CFR 2009.570-2, the contractor shall include this clause, including this paragraph, in subcontracts of any tier. The terms contract, contractor, and contracting officer, must be appropriately modified to preserve the Government's rights.
- (g) Remedies. For breach of any of the above restrictions, or for intentional nondisclosure or misrepresentation of any relevant interest required to be disclosed concerning this contract or for such erroneous representations that necessarily imply bad faith, the Government may terminate the contract for default, disqualify the contractor from subsequent contractual efforts, and pursue other remedies permitted by law or this contract.
- (h) Waiver. A request for waiver under this clause must be directed in writing to the contracting officer in accordance with the procedures outlined in 48 CFR 2009.570-9.

- (i) Follow-on effort. The contractor shall be ineligible to participate in NRC contracts, subcontracts, or proposals therefor (solicited or unsolicited), which stem directly from the contractor's performance of work under this contract. Furthermore, unless so directed in writing by the contracting officer, the contractor may not perform any technical consulting or management support services work or evaluation activities under this contract on any of its products or services or the products or services of another firm if the contractor has been substantially involved in the development or marketing of the products or services.
- (1) If the contractor, under this contract, prepares a complete or essentially complete statement of work or specifications, the contractor is not eligible to perform or participate in the initial contractual effort which is based on the statement of work or specifications. The contractor may not incorporate its products or services in the statement of work or specifications unless so directed in writing by the contracting officer, in which case the restrictions in this paragraph do not apply.
- (2) Nothing in this paragraph precludes the contractor from offering or selling its standard commercial items to the Government.

#### A.6 OTHER APPLICABLE CLAUSES

- [] See Addendum for the following in full text (if checked)
  - ↑ 52.216-18, Ordering
  - [] 52.216-19, Order Limitations
  - [] 52.216-22, Indefinite Quantity
  - [] 52.217-6, Option for Increased Quantity
  - [] 52.217-7, Option for Increased Quantity Separately Priced Line Item
  - [] 52.217-8, Option to Extend Services
  - [] 52.217-9, Option to Extend the Term of the Contract

#### A.7 SEAT BELTS

Contractors, subcontractors, and grantees, are encouraged to adopt and enforce on-the-job seat belt policies and programs for their employees when operating company-owned, rented, or personally owned vehicles.

#### A.8 COMPLIANCE WITH U.S. IMMIGRATION LAWS AND REGULATIONS

NRC contractors are responsible to ensure that their alien personnel are not in violation of United States Immigration and Naturalization (INS) laws and regulations, including employment authorization documents and visa requirements. Each alien employee of the Contractor must be lawfully admitted for permanent residence as evidenced by Alien Registration Receipt Card Form 1-151 or must present other evidence from the Immigration and Naturalization Services that employment will not affect his/her immigration status. The INS Office of Business Liaison (OBL) provides information to contractors to help them understand the employment eligibility verification process for non-US citizens. This information can be found on the INS website, http://www.ins.usdoj.gov/graphics/services/employerinfo/index.htm#obl.

The NRC reserves the right to deny or withdraw Contractor use or access to NRC facilities or its equipment/services, and/or take any number of contract administrative actions (e.g., disallow costs, terminate for cause) should the Contractor violate the Contractor's responsibility under this clause.

(End of Clause)

# Attachment 1 to Purchase Order No. DR-04-06-065 Statement of Work Support of Mitigating Systems Performance Index (MSPI) Basis Document Reviews

#### BACKGROUND

This work supports the implementation of the Mitigating Systems Performance Index (MSPI) in January 2006 under the NRC's Reactor Oversight Process. Specifically, the work would support the NRC staff reviews of the MSPI basis documents submitted by all 103 nuclear power plant licensees, including the disposition of licensee's PRA model candidate outliers as a means of addressing the technical adequacy of PRAs for MSPI.

#### **TASKS**

Specific tasks under this effort include the following:

- 1. Support the on-going NRC staff reviews of the MSPI basis documents.
- 2. Maintain the MSPI PRA database including the updating of PRA data, software improvements and corrections, and providing database reports as-needed.
- 3. Support the 3<sup>rd</sup> industry MSPI Workshop tentatively scheduled for December 7-8, 2005 in the Washington, DC area.
- 4. Provide as-needed technical support for the resolution of any outstanding PRA model outliers.

#### Deliverables and Schedule

Task 1: As-needed support through February 28, 2006.

Task 2: As-needed database maintenance and update through February 28, 2006.

Task 3: Attendance at the Workshop, and follow-up reviews, through December 31, 2005.

Task 4: As-needed support through February 28, 2006.

PERIOD OF PERFORMANCE

Day of Award through February 28, 2006

ESTIMATED LEVEL OF EFFORT

16 staff-weeks

# ATTACHMENT 2 TO PURCHASE ORDER NO. DR-04-06-065 BILLING INSTRUCTIONS FOR FIXED PRICE CONTRACTS (October 2003)

General: The contractor is responsible during performance and through final payment of this contract for the accuracy and completeness of the data within the Central Contractor Registration (CCR) database, and for any liability resulting from the Government's reliance on inaccurate or incomplete CCR data. The contractor shall prepare vouchers or invoices as prescribed herein. FAILURE TO SUBMIT VOUCHERS/INVOICES IN ACCORDANCE WITH THESE INSTRUCTIONS WILL RESULT IN REJECTION OF THE VOUCHER/INVOICES AS IMPROPER.

Form: Claims shall be submitted on the payee's letterhead, voucher/invoices, or on the Government's Standard Form 1034, "Public Voucher for Purchases and Services Other than Personal," and Standard Form 1035, "Public Voucher for Purchases Other than Personal--Continuation Sheet." These forms are available from the U.S. Government Printing Office, 710 North Capitol Street, Washington, DC 20401.

<u>Number of Copies</u>: An original and three copies shall be submitted. Failure to submit all the required copies will result in rejection of the voucher/invoice as improper.

Designated Agency Billing Office: Vouchers/Invoices shall be submitted to the following address:

U.S. Nuclear Regulatory Commission Division of Contracts - T-7-I-2 Washington, DC 20555-0001

A copy of any invoice which includes a purchase of property valued at the time of purchase at \$5000 or more, shall additionally be sent to:

NRC Property Management Officer Administrative Services Center Mail Stop - T-7-D-27 Washington, DC 20555-0001

HAND-DELIVERY OF VOUCHERS/INVOICES IS DISCOURAGED AND WILL NOT EXPEDITE PROCESSING BY THE NRC. However, should you choose to deliver vouchers/invoices by hand, including delivery by any express mall service or special delivery service which uses a courier or other person to deliver the vouchers/invoices in person to the NRC, such vouchers/invoices must be addressed to the above Designated Agency Billing Office and will only be accepted at the following location:

U.S. Nuclear Regulatory Commission One White Flint North - Mail Room 11555 Rockville Pike Rockville, MD 20852

HAND-CARRIED SUBMISSIONS WILL NOT BE ACCEPTED AT OTHER THAN THE ABOVE ADDRESS

Note that the official receipt date for hand-delivered vouchers/invoices will be the date it is received by the official agency billing office in the Division of Contracts.

Agency Payment Office: Payment will continue to be made by the office designated in the contract in Block 12 of the Standard Form 26 or Block 25 of the Standard Form 33, whichever is applicable.

<u>Frequency</u>: The contractor shall submit a voucher or invoice only after the NRC's final acceptance of services rendered or products delivered in performance of the contract unless otherwise specified in the contract.

<u>Preparation and Itemization of the Voucher/Invoice</u>: The voucher/Invoice shall be prepared in ink or by typewriter (without strike-overs). Corrections or erasures must be initialed. To be considered a proper voucher/invoice, all of the following elements must be included:

- 1. Contractor's Data Universal Number (DUNS) or DUNS+4 number that identifies the contractor's name and address. The DUNS+4 number is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the contractor to identify alternative Electronic Funds Transfer (EFT) accounts for the same parent concern.
- 2. Contract number.
- 3. Sequential voucher/invoice number.
- 4. Date of youcher/invoice.
- 5. Payee's name and address. Show the name of the Payee as it appears in the contract and its correct address. If the Payee assigns the proceeds of this contract as provided for in the assignment of claims terms of this contract, the Payee shall require as a condition of any such assignment, that the assignee shall register separately in the Central Contractor Registration (CCR) database at http://www.ccr.gov and shall be paid by EFT in accordance with the terms of this contract. See Federal Acquisition Regulation 52.232-33(g) Payment by Electronic Funds Transfer Central Contractor Registration (October 2003).
- 6. Description of articles or services, quantity, unit price, and total amount.
- 7. For contractor acquired property list each Item purchased costing \$50,000 or more and having a life expectancy of more than 1 year and provide: (1) an item description, (2) manufacturer, (3) model number, (4) serial number, (5) acquisition cost, (6) date of purchase, and (7) a copy of the purchasing document.
- 8. Weight and zone of shipment, if shipped by parcel post.
- 9. Charges for freight or express shipments. Attach prepaid bill if shipped by freight or express.
- 10. Instructions to consignee to notify the Contracting Officer of receipt of shipment.
- 11. For Indefinite Delivery contracts or contracts under which progress payments are authorized, the final voucher/invoice shall be marked "FINAL VOUCHER" OR "FINAL INVOICE."

<u>Currency</u>: Billings may be expressed in the currency normally used by the contractor in maintaining his accounting records and payments will be made in that currency. However, the

## Billing Instructions for Fixed Price Contracts (October 2003) Page 3

U.S. dollar equivalent for all vouchers/invoices paid under the contract may not exceed the total U.S. dollars authorized in the contract.

Supersession: These instructions supersede any previous billing instructions.

P:\Billing instruct FP 2003.wpd