

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. M002		3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. RES-07-087	1. CONTRACT ID CODE	PAGE 1	OF PAGES 4
6. ISSUED BY U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Sharon Lim Mail Stop T-7-I-2 Washington, DC 20555		CODE 3100	7. ADMINISTERED BY (If other than Item 6) U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop T-7-I-2 Washington, DC 20555		CODE 3100	5. PROJECT NO. (If applicable)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) NUCLEAR SAFETY SOLUTIONS LIMITED NSS 700 UNIVERSITY AVE 4 FL TORONTO ON M5G 1X6		(X)	9A. AMENDMENT OF SOLICITATION NO.
CODE 201209546			9B. DATED (SEE ITEM 11)
FACILITY CODE		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-04-07-087
			10B. DATED (SEE ITEM 13) 08-31-2007

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement of the Parties
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The following changes are hereby incorporated into Contract No. NRC-04-07-087:

(SEE ATTACHED CONTINUATION PAGE)

Contract Ceiling: \$590,715.35
 Contract Obligation: \$500,000.00
 Period of Performance: 8/31/07 - 11/30/09

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) J. P. RIPPON PRESIDENT		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Stephen Pool Contracting Officer	
15B. CONTRACTOR/OFFEROR <i>J. P. Rippon</i> (Signature of person authorized to sign)	15C. DATE SIGNED 25/3/08	16B. UNITED STATES OF AMERICA BY <i>Stephen Pool</i> (Signature of Contracting Officer)	16C. DATE SIGNED 4/4/08

1) **SECTION B.3 PRICE/COST SCHEDULE:**

a) The following labor categories, hourly rates, and hours are hereby incorporated into the contract:

MP2 – Junior Engineer - [REDACTED]
 Grade 6 – Junior Engineer - [REDACTED]
 Grade 8 – Junior Engineer - [REDACTED]

b) The estimated hours for labor categories currently incorporated into the contract are changed as follows:

MP6 – Senior Engineer – increased by [REDACTED] hours from [REDACTED] hours to [REDACTED] hours
 MP4 – Mid-level Engineer – decreased by [REDACTED] hours from [REDACTED] hours to [REDACTED] hours
 MP3 – Junior Engineer – decreased by [REDACTED] hours from [REDACTED] hours to [REDACTED] hours
 Grade 3 – Senior Engineer – increased by [REDACTED] hours from [REDACTED] hours to [REDACTED] hours
 Grade 5 – Mid-level Engineer – decreased by [REDACTED] hours from [REDACTED] hours to [REDACTED] hours

2) As a result of Item (1) above the current Price/Cost Schedule is hereby deleted and replaced with the following revised Price/Cost Schedule:

Labor Category	Estimated Hours	Fixed Labor Rate	Total Amount
NSS Component			
MP6 – Senior Engineer	[REDACTED]	[REDACTED]	\$65,388.24
MP4 – Mid-level Engineer	[REDACTED]	[REDACTED]	\$42,927.81
MP3 – Junior Engineer	[REDACTED]	[REDACTED]	\$54,373.08
MP2 – Junior Engineer	[REDACTED]	[REDACTED]	\$46,142.32
AMEC UK Component			
Grade 3 – Senior Engineer	[REDACTED]	[REDACTED]	\$203,126.88
Grade 5 – Mid-level Engineer	[REDACTED]	[REDACTED]	\$60,284.00
Grade 6 – Junior Engineer	[REDACTED]	[REDACTED]	\$56,785.20
Grade 8 – Junior Engineer	[REDACTED]	[REDACTED]	\$16,887.82
Total Labor			\$545,915.35
Travel – Cost Reimbursement		Not to Exceed	\$16,300
Software Maintenance – Cost Reimbursement		Not to Exceed	\$28,500
Contract Total			\$590,715.35

3) As a result of Items (1) above the total contract ceiling is hereby decreased by \$143.65 from \$590,859.00 to \$590,715.35.

4) **F.7 DELIVERABLES AND DELIVERY SCHEDULE**

The current deliverable and delivery schedule is hereby deleted and replaced with the revised schedule stated below:

Deliverable	Related Task	The deliverable should include at a minimum	Due Date
Letter Report	Task 1	Detailed information regarding the proposed analysis plan	11/30/07
Draft Letter Report	Task 2	Summary results of the pebble bed core sensitivity analysis and code-to-data assessments in the body of the report with an appendix containing details on the computational model and the analytic approach.	1/31/09
Final Letter Report	Task 2	Draft letter report including revisions based on NRC comments	3/31/09
Draft Letter Report	Task 3	Summary results of the prismatic core sensitivity analysis and code-to-data assessments in the body of the report with an appendix containing details on the computational model and analytic approach	9/30/08
Final Letter Report	Task 3	Draft letter report including revisions based on NRC comments	11/30/08
Final Letter Report	Task 4	Detailed description of how the local analysis performed in Tasks 2 and 3 of the SOW should be integrated into a system-wide analysis or code method	3/31/09

Contract No. NRC-04-07-087

Modification No. 2

Page 4 of 4

- 5) The contract obligation remains unchanged at \$500,000.00.
- 6) All other terms and conditions of Contract No. NRC-04-07-087 remain unchanged and in full force and effect.