AMENDMENT OF SOLICITATION/MODIFIC	CATION OF CONTRA	ACT BPA NO.			PAGE 1	2
AMERICALIZATION NO. MOO2	See Block 16(c)	4. REQUISITION/PURCHASE REQ. RES-09-174	. NO.	5.	PROJECT NO.8F 4P	plicable)
ISSUED BY CODE	3100	RES-C10-554 7. ADMINISTERED BY DI other th	ann Barro (S)	con	Œ :3100	
		U.S. Nuclear Rec		Commission	<u> </u>	
U.S. Nuclear Regulatory Commission Div. of Contracts		Div. of Contract	ts .	COMMISSION		
Attn: Sharon M. Lim Mail Stop: TWB-01-Bl0M	•	Mail Stop: TWB-0	01-B10H			
Washington, DC 20555		Washington, DC 2	20555			
NAME AND ADDRESS OF CONTRACTOR (No., street, county, State	e and ZIP Code)		(X) SA. AM	ENDMENT OF SOLICITATION	ON NO.	
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CHAMPAIGN IL 618207314						
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11. 1 mg 11 cm	ORLY APPLIES TO A	MENDALENTS OF GOLDON	Allono			
The above numbered solicitation is amended as set				is extende		gended.
Offers must acknowledge receipt of this amendment p	rior to the hour and date sp	ecified in the solicitation or as a	amended, by	one of the following	megnods:	
(a) By completing Items 8 and 15, and returning	copies of the amen	dment; (b) By acknowledging re	eceipt of this	amendment on each	copy of the	
offer submitted; or (c) By separate letter or telegram w	hich includes a reference to	o the solicitation and amendme	int numbers.	FAILURE OF YOUR	RAC-	
KNOWLEDGMENT TO BE RECEIVED AT THE PLAC	E DESIGNATED FOR TH	ERECEIPT OF OFFERS PRID	R TO THE	OUR AND DATE ST	PECIFIED MAT	
RESULT IN REJECTION OF YOUR OFFER. If by virt	tue of this amendment you	desire to change an offer alrea	dy submitted	such change may l	oe made	
by telegram or letter, provided each telegram or letter (makes reference to the sol	icitation and this amendment, a	ind is receive	ed buot to the obsum	g nour	
and date specified.	cn. 060-16-173-103	Job Code: N6929, BOC	2528			
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PREVIOUS EDITION NOT USABLE

Prescribed by GSA - FAR (48 CFR) 53.24

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SLANGI REVIEW COMPLETE

ADMOD?

The following changes are hereby incorporated into Purchase Order No: NRC-DR-04-09-174:

- 1. The revised SOW contained as Attachment One to this modification is hereby incorporated into the purchase order. This revised SOW supplements the original SOW attached to the initial purchase order document.
- 2. **Item 001 Senior Principal Engineer –** The number of hours is hereby increased by 120 hours from 120 hours to 240 hours, thereby increasing the dollar value of Item 001 by \$24,000.00 from \$24,000.00 to \$48,000.00.
- 3. **Item 002 Travel (Cost Reimbursement Not to Exceed) The dollar amount for travel is hereby increased by \$8,000.00 from \$2,892.00 to \$10,892.00.**
- 4. As a result of the above changes to Items 001 and 002 the total dollar value and ceiling of the purchase order are hereby increased by \$32,000.00 from \$26,892.00 to \$58,892.00.
- 5. As a result of the above changes to Items 001 and 002 the obligation of the purchase order is hereby increased by \$32,000.00 from \$26,892.00 to \$58,892.00.
- 6. All other terms and conditions of Purchase Order No: NRC-DR-04-09-174 hereby remain unchanged and in full force and effect.

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REVISED STATEMENT OF WORK

TITLE:

Review of Design Methodology for Safety-Related Nuclear Power Plant Structures of Modular Composite Construction

This is an in-scope change. There is no change to the Background, Objective and Scope of Work (Tasks and task descriptions). The only changes are to the Level of Effort, Reporting Requirements, Deliverables, Schedules, Travel and NRC-Furnished Materials as indicated below.

PERIOD OF PERFORMANCE

The estimated period of performance for the entire project is 8.5 months.

LEVEL OF EFFORT

The estimated level of effort in terms of staff hours, for staff with the level of experience required for the proposed modification is 120 hours.

REPORTING REQUIREMENTS

The reporting requirements for this modification for each member of the peer-review group are as follows:

- i) Participation at technical meetings and conference calls with oral communication of findings and follow-on written summaries as applicable.
- ii) Draft letter report with summary of the review by the group member of the modified shield building design to be submitted no later than 21 days after the submittal of the report of the modified design to the NRC.
- iii) Final letter report with a summary of the findings by the group member to be provided 21 days before the end of the purchase order.

DELIVERABLES/SCHEDULES AND/OR MILESTONES

Anticipated project deliverables and related milestones are as follows:

- i) Participation in person or by teleconference at technical meetings with the NRC staff or public meetings with the vendors for a total of four meetings to be followed by applicable written comments.
- ii) Draft report with summary of review by the group member of the modified shield building design to be submitted no later than 21 days after the submittal of the report of the modified design to the NRC.
- iii) Final letter report by each member of the peer-review group with a summary of the findings by that group member to be submitted 21 days before the end of the contract.

MEETINGS AND TRAVEL

It is estimated that four trips for up to three days each (two night hotel stay) for one person to Rockville, MD will be required. The purpose of the trips is to attend technical meetings with the

NRC staff and other contractors, as well as possible public meetings with the vendor. One trip may be required to West Lafayette, Indiana, to observe testing or test specimens.

NRC-FURNISHED MATERIAL

The NRC will provide each Contractor with the information listed below.

(a) Technical reports and briefings provided by the vendor detailing the design, design methodology, analysis and testing for the modified shield building design.

(b) Relevant information provided by the vendor in response to requests for additional information, as well as additional supplemental reports by the vendor with additional analysis, testing plans, description of tests, and results of the tests.

TECHNICAL DIRECTION

Technical direction will be provided by the Project Officer, Dr. Jose A. Pires, who can be reached at:

Mail Stop: C5A24M U. S. Nuclear Regulatory Commission Washington, D. C. 20555-0001

Phone: (301) 251-7696 Fax: (301) 251-7594 Email: <u>Jose.Pires@nrc.gov</u>

Express mail should be sent to:
U. S. Nuclear Regulatory Commission
Mail Stop: C05A24M
11545 Rockville Pike
Rockville, MD 20852-2738