FEDERAL EMERGENCY MANAGEMENT AGENCY CPSC-IAG-99-1172

MODIFICATION OF INTERAGENCY AGREEMENT MOD #2

1 INTERAGENCY AGREEMENT NO	2 MODIFICATION NO	3 EFFECTIVE DATE	4 PROJECT/REQUISITION NO
EME-1999-IA-0302	M002		E366875Y

5 ISSUED BY

National Emergency Training Center
Satellite Procurement Office
S Jane Huwig-Leister
16825 South Seton Avenue
Emmitsburg MD 21727

6 AGENCY PERFORMING SERVICE

U S CONSUMER PRODUCT SAFETY COMMISSION
ATTN BILL KING
EAST WEST TOWERS
4330 E W HIGHWAY
BETHESDA MD 20814

7 PROJECT TITLE

See Block #9 Below

8 ACCOUNTING AND APPROPRIATION DATA (If required)

See Continuation Page

9 DESCRIPTION OF MODIFICATION

The purpose of this modification is to include the attached Statement of Work as part of the Agreement

This IA includes the following projects Range Fire Project, Residential Electrical Wiring, Smoke Detector Research and Sprinkler Head Technology

Period of Performance for this IA expires June 30, 2001

Previous Total $125 000 00 Increase By $250,000 00 New Total $375,000 00

Consumer Product Safety Commission will charge actual costs incurred

Except as provided herin, all other terms and conditions of the agreement remain in full force and effect.

10 SIGNATURE OF PERSON AUTHORIZED TO SIGN	DATE	12 SIGNATURE OF PERSON AUTHORIZED TO SIGN	DATE
	6/1/00		6/1/00
11 TYPE NAME & TITLE OF PERSON AUTHORIZED TO SIGN Robert J. Frost, Contracting Officer US CONSUMER PRODUCT SAFETY COMMISSION		13 TYPE NAME & TITLE OF PERSON AUTHORIZED TO SIGN Bryan McCreary Contracting Officer FEDERAL EMERGENCY MANAGEMENT AGENCY	

FEMA FORM 40-2 (3/80)

A.1 PRICE/COST SCHEDULE

ITEM NO	DESCRIPTION OF SUPPLIES/SERVICES	QTY	UNIT	UNIT PRICE	AMOUNT
0001		1	job	$250,000.00	$250,000.00
	RANGE FIRE SAFETY $50,000.00 SMOKE DETECTOR RESEARCH $100,000.00 SPRINKLER HEAD TECHNOLOGY $100,000.00 FUNDING/REQ NO: 01: $250,000.00 E366875Y				

PAGE SUBTOTAL - $250,000.00

GRAND TOTAL --- $250,000.00

ACCOUNTING AND APPROPRIATION DATA:

ACRN	APPROPRIATION	REQUISITION NUMBER		AMOUNT
01	2000-03A-6200 -6400 -E64014-2589-D	E366875Y	F	$250,000.00

CPSC Appropriation Data:

00 EX0B-PS 4400.00	0021725 25.3101	$ 50,000.00
00 EX0B-PS 4400.00	0021725 25.3101	$100,000.00
00 EX0B-PS 4400.00	0021725 25.3101	$100,000.00
	TOTAL	$250,000.00
	PREVIOUS TOTAL	$125,000.00
	INCREASE BY	250,000.00
	TOTAL	$375,000.00

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A.1 PRICE/COST SCHEDULE 2

Scope of Work
CPSC Sprinkler Head Research

CPSC, in co-operation with other governmental agencies and non-governmental organizations, will co-ordinate research to advance sprinkler head technology. Specifically, this project will:

1. Identify, describe and document modes of failure of existing heads.
2. Make in-depth investigations of sprinkler operations during fires, with particular attention paid to instances where sprinkler heads failed to activate in timely fashion.
3. Propose means of detecting defective sprinkler heads by inspection or other means.
4. Specify remedial actions to be taken when potentially defective heads are identified.

CPSC will prepare a report summarizing the results of this project for use by organizations making codes and standards for testing, listing, installation, and maintenance of sprinkler heads and sprinkler systems. In addition, CPSC will make quarterly reports to USFA, briefly summarizing activities, accomplishments, and expenditures during the period, problems encountered and anticipated, and plans for the succeeding quarter.

It is expected this Project will require two years to accomplish.

cpscsprinklersow.doc rev 3/24/00

Scope of Work
Smoke Alarm Research Project

CPSC, in co-operation with other government agencies and non-governmental organizations, will conduct research toward the following objectives:

1. To develop a method to evaluate detector and alarm performance in real fires.
2. To demonstrate the capabilities of present and emerging technology of residential fire detection and alarm devices.
3. To identify potential improvements in residential fire detection and alarm devices.
4. To develop information to be used in codes and standards relating to fire detection and alarm devices, their installation, testing, and maintenance.
5 To develop consumer information on selection, installation, and performance of fire detection and alarm equipment.

CPSC will coordinate and document research efforts with interested organizations such as the National Institute for Standards and Technology (NIST); the Center for Disease Control (CDC), U.S. Public Health Service; U.S. Department of Housing and Urban Development (HUD); National Fire Protection Association (NFPA); Underwriters' Laboratories (UL); fire detection and alarm manufacturers, and other interested parties.

CPSC will make quarterly reports to USFA, briefly summarizing activities during the reporting period, accomplishments, funds expended, problems encountered or anticipated, and plans for the succeeding quarter.
A complete technical report will be made on conclusion of the project.
Special reports on specific technical topics may also be required.

It is expected this Project will require two years from effective date.

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Scope of Work
CPSC Range and Oven Fire Safety Project

CPSC, in co-operation with NIST, will develop a prototype "Smart" stove. This will be a gas-fueled stove which will detect a fire before visible flame occurs, shut down the stove, and alert persons in the area. It will be similar to the "Smart" electric cook stove prototype developed previously. CPSC will build this prototype, and test it to ensure operation during common cooking scenarios, and to minimize false alarms.

The results of this project shall be documented in a report made available to appliance manufacturers, fire safety organizations, and the USFA.
CPSC will also make quarterly reports to USFA, describing activities and accomplishments during the reporting period, expenditures, problems encountered and anticipated, and plans for the next reporting period.

It is expected this Project will take one year from the effective date.

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