

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
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2. AMENDMENT/MODIFICATION NO. 9	3. EFFECTIVE DATE September 20, 2001	4. REQUISITION/PURCHASE REQ. NO. ADM-96-162, 8/6/01	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Nuclear Regulatory Commission Division of Contracts and Property Mgt. Attn: T-7-I-2 Contract Management Branch No. 1 Washington DC 20555	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) U.S. Public Health Services ATTN: Paul Pryor, M.S., C.I.H. Public Ledger Building, Suite 368 150 S. Independence Mall West Philadelphia, PA 19106	(X)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-10-96-162
	X	10B. DATED (SEE ITEM 13) 09-20-1996

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 of 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)
 APPN No.: X0200 B&R No.: 14015-511105 Job Code: D2316
 BOC: 253A OBLIGATE: \$ - 0 -

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 2 copies to the issuing office.

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

SEE ATTACHED PAGES FOR MOD DETAILS

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) <i>Paul Pryor, Senior Program Manager</i>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Mary H. Mace Contracting Officer
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY <i>Mary H. Mace</i> (Signature of Contracting Officer)
15C. DATE SIGNED 9/20/01	16C. DATE SIGNED 9-19-01

TEMPLATE ADM001

ADM02

The purpose of this modification is to: (1) extend the period of performance of this Interagency Agreement (IA) for an additional three years; (2) revise Article VIII to increase the Agreement's total estimated amount (ceiling) by \$60,000.00 from \$166,150.00 to \$226,150.00; (3) provide updated Attachments B and C, which includes types of professional services and a range of hourly rates, and the laboratory services and cost associated with the air quality survey entitled "Federal Occupational Health Environmental Reference Laboratories - Fee Schedule for Fiscal Year 2002". These attachments are to be used to reimburse the Public Health Service (PHS) for labor and laboratory sampling for each work order; (4) revise Article XI to change the telephone number for the PHS' point of contact, Paul Pryor; and (5) delete the Gelman Building (PDR) as a current survey location. Accordingly, this Agreement is hereby modified as follows:

1. Article V, "Level of Effort and Period of Performance," the first sentence is deleted in its entirety and the following is substituted in lieu thereof:

"This Interagency Agreement shall commence on 9/20/96 and expire on 9/19/2004."

2. Article VIII entitled "Estimated Amount," the first paragraph is DELETED in its entirety, and the following paragraph is REPLACED in lieu thereof:

"The total estimated amount (ceiling) of this agreement is \$226,150.00, which consists of the base year (\$53,000), the four one-year option periods (\$113,150), and the additional 3 year period of performance (\$20,000/year x 3 = \$60,000)."

3. Article XI entitled "Points of Contact," first paragraph, the telephone number for Paul Pryor of PHS has been changed to "(215) 861-4107".
4. On page 4 of the Statement of Work to the basic contract, under the heading "Current Location (cont'd)", DELETE the following location to be surveyed:

"Gelman Building (PDR)
2120 L Street, NW
Washington, DC"

All other terms and conditions of this Interagency Agreement remain unchanged.

A summary of obligations for this contract, from award date through the date of this action is given below:

Total FY97 Obligations: \$53,000.00
Total FY98 Obligations: \$30,000.00
Total FY99 Obligations: \$24,650.00
Total FY00 Obligations: \$25,000.00
Total FY01 Obligations: \$10,000.00

Cumulative Total of Obligations: \$142,650.00

This modification does not obligate any FY01 funds.

NOTE: THIS MODIFICATION DOES NOT OBLIGATE ANY FUNDS TO COVER COST INCURRED DURING THE ADDITIONAL THREE YEAR PERIOD OF PERFORMANCE BECAUSE NRC'S RECORDS REFLECT THERE ARE UNEXPENDED FUNDS REMAINING UNDER THIS AGREEMENT. WHEN ALL REMAINING FUNDS HAVE BEEN EXPENDED, THE NRC WILL OBLIGATE ADDITIONAL FUNDS.

The following information illustrates the Professional Service; the range of hourly rates, and the Laboratory costs associated with the survey/assessments proposed:

Types of Professional Services and Range of Hourly Rates

Certified Industrial Hygienist	\$ 70 – 150
Certified Safety Professional	\$ 60 – 150
Industrial Hygienist – Non Certified	\$ 45 – 145
Professional Engineer	\$ 65 – 125
IH, Safety or Environmental Technician	\$ 50 – 75
Fire Safety Specialist	\$ 90 – 165



FEDERAL OCCUPATIONAL HEALTH ENVIRONMENTAL REFERENCE LABORATORIES

FEDERAL OCCUPATIONAL HEALTH ENVIRONMENTAL LABORATORY

536 South Clark Street, Room 714; Chicago, IL 60605

Phone: 312-886-0413; Fax: 312-886-0434

FEDERAL OCCUPATIONAL HEALTH ENVIRONMENTAL ASBESTOS LABORATORY

Denver Federal Center; Building #25, Room 1978; Denver, CO 80225-0046

Phone: 303-236-9984; Fax: 303-236-3440

FEDERAL OCCUPATIONAL HEALTH ENVIRONMENTAL MICROBIOLOGY LABORATORY

150 S. Independence Mall West, Suite 321; Philadelphia, PA 19106

Phone: 215-861-4113; Fax: 215-861-4123

FEE SCHEDULE FOR FISCAL YEAR 2002

FEDERAL OCCUPATIONAL HEALTH ENVIRONMENTAL LABORATORY

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FISCAL YEAR 2002 FEE SCHEDULE

<u>ORGANICS</u>	<u>METHOD NUMBER</u>	<u>PRICE/SAMPLE</u>
ANILINE	NIOSH 2002	\$48.00
ALDEHYDE SCAN (routine)*	NIOSH 2539	\$100.00
ALDEHYDE SCAN (full)**	NIOSH 2539	\$250.00
VOLATILE ORGANIC COMPOUNDS SCAN	OSHA 7	\$100.00 (GC/MS)
TOTAL HYDROCARBON "AS HEXANE"	OSHA 7	\$48.00
TOTAL HYDROCARBON SCAN "AS HEXANE"	OSHA 7	\$100.00 (GC/MS)
ORGANIC SOLVENTS (charcoal tube, 3M Badge)***	VARIES	\$48.00 1st/\$15.00 each additional
ETHYLENE OXIDE	OSHA 50	\$48.00
FORMALDEHYDE	NIOSH 2016	\$48.00
KETONES (ACETONE, ETC.)	NIOSH 1300/NIOSH 2500	\$48.00 1st/\$15.00 each additional
METHANOL	NIOSH 2000	\$48.00
METHYLENE CHLORIDE	NIOSH 1005	\$48.00
TRICHLOROETHYLENE	OSHA 7/NIOSH 1022	\$48.00
ACRYLAMIDE	OSHA 21	\$48.00
PHENOL (CRESOLS)	NIOSH 2546	\$65.00
DIOXANE	NIOSH 1602	\$48.00
ACETONITRILE	NIOSH 1606	\$48.00
METHYL METHACRYLATE	NIOSH 2537	\$48.00
GLUTERALDEHYDE	OSHA 64	\$48.60
BTEX	NIOSH 1501	\$65.00
AROMATIC HYDROCARBONS (8 COMPOUNDS)	NIOSH 1501	\$150.00
HYDROCARBONS (10 COMPOUNDS)	NIOSH 1500	\$180.00
MINERAL SPIRITS	NIOSH 1550	\$48.00
ALCOHOLS	NIOSH 1400	\$48.00 1st/\$15.00 each additional
OGANIC COMPOUNDS (HPLC METHODS)****		\$65.00
ISOCYANATE SCAN (MDI, HDI, TDI)		\$100.00
PESTICIDE SCAN (AIR/WIPES)		\$100.00

*Aldehyde scan (routine) include the following compounds: Acrolein, Acetaldehyde, Formaldehyde

**Aldehyde scan (full) include the following compounds: Acrolein, Acetaldehyde, Benzaldehyde, Butyraldehyde, Crotonaldehyde, Decanal, Formaldehyde, Glutaraldehyde, Hexaldehyde, Heptaldehyde, Isobutyraldehyde, Isovaleraldehyde, Nonal, Propionaldehyde, Octyaldehyde, p-Tolualdehyde, Undecanal, Valeraldehyde

*** Organic solvents include the following compounds: Acetone, Allyl alcohol, Amyl acetate, n-Amyl acetate, s-Amyl acetate, Anesthetic gases (except nitrous oxide), Benzene, Benzyl chloride, 1-Bromopropane, n-Butyl acetate, s-Butyl acetate, n-Butanol, sec-Butanol, t-Butyl alcohol, Butyl acrylate, p-tert Butyl Toluene, Camphor, Carbon Tetrachloride, Carbitol, Cellosolve, Cellosolve acetate, Chlorobenzene, Chloroform, o-Chlorotoluene, Cumene, Cyclohexane, Cyclohexanol, Cyclohexanone, Cyclohexene, n-Decane, Diacetone alcohol, Dichlorobenzene (all isomers), Diisobutyl ketone, p-Dioxane, Diethyl ketone, Enflurane, Epichlorohydrin, Ethyl acetate, Ethyl amyl ketone, Ethyl acrylate, Ethyl bromide, Ethyl benzene, Ethylene dichloride, Ethyl ether, Ethylene glycol, 2-Ethyl hexanol, Ethyl hexyl acrylate, Ethyl methacrylate, Furfural, Furan, Halothane, n-Heptane, n-Hexane, n-Hexyl acetate, sec-Hexyl acetate, Hexyl cellosolve, iso-Butyl alcohol, Isoflurane (Forane), Isopentane, Isopropyl alcohol, Isopropyl ether, Limonene, Methylal, Mesitylene, Mesityl oxide, Methyl acrylate, Methyl acetate, Methyl amyl acetate, Methyl amyl alcohol, Methyl t-butyl alcohol, Methyl butyl ketone, Methyl cellosolve, Methyl cellosolve acetate, Methylene chloride, Methyl cyclohexanone, Methyl cyclohexanol, Methyl ethyl ketone, Methyl isoamyl ketone, Methyl isobutyl ketone, Methyl methacrylate, Methyl propyl ketone, Naptha (VM&P), Nitrobenzene, Nitroethane, n-Octane, Perchloroethylene, Phenyl ether, n-Propyl acetate, n-Propyl alcohol, Propyl cellosolve, Propylene dichloride, Propylene glycol mono methyl ether, Propylene glycol mono methyl ether acetate, Pyridine, Stoddard solvent, Styrene, 1,1,2,2-Tetrachloroethane, Tetrahydrofuran, Trichloroethylene, 1,2,4-Trimethyl benzene, Vinyl acetate, Vinyl toluene, Xylene (all isomers), Total hydrocarbons as n-Hexane.

****Additional organic compounds include the following: Acetic anhydride, Butyl isocyanate, Glutaraldehyde, Hydroquinone, Isocyanato Methyl Cyclohexane (1,3-bis), Isophorone Diisocyanate (PDI), Malathion, Maleic acid, Maleic Anhydride, Methylene dianiline, Methyl paraben, Octadecyl isocyanate, Polychlorinated biphenyls (PCB's), Pentachlorophenol, Pesticides (for all others, call the lab), Pyrethums, Toludine-o, Trimellitic anhydride.

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FISCAL YEAR 2002 FEE SCHEDULE

METALS

ALUMINUM	GOLD	POTASSIUM
ANTIMONY	INDIUM	RHODIUM
ARSENIC	IRON	SELENIUM
CADMIUM	LEAD	SILVER
CALCIUM	LITHIUM	TELLURIUM
CERIUM	MAGNESIUM	THALLIUM
CESSIUM	MANGANESE	THORIUM
CHROMIUM	MOLYBDENESE	TIN
COBALT	NICKEL	TITANIUM
COPPER	PALLADIUM	ZINC
GALLIUM	PLATINUM	ZIRCONIUM

METALS IN: PAINT CHIPS \$25.00; SURFACE WIPES \$25.00; SOIL \$25.00; AIR \$25.00; DRINKING WATER \$18.00

***WELDING FUMES PROFILE – BERYLIUM, CADMIUM, COBALT, CHROMIUM, COPPER, IRON, MANGANESE, MOLYBDENUM, NICKEL, LEAD, ANTIMONY, VANADIUM, ZINC and TOTAL DUST on MATCHED WEIGHT MCE Filters. FEE ---\$300.00**

WET CHEMISTRY AND MICROBIOLOGY	METHOD NUMBER	PRICE/SAMPLE
ALKALINITY	EPA 310.1	\$20.00
AMMONIA	NIOSH 6015	\$45.00
CHLORINE, TOTAL RESIDUAL BY ISE	S/M 4500-CL I	\$20.00
CHEMICAL OXYGEN DEMAND	EPA 410.4	\$25.00
FLUORIDES BY ISE	EPA 340.2	\$20.00
FORMALDEHYDE BY VIS	NIOSH 3500	\$65.00
HARDNESS, TOTAL	EPA 130.2	\$20.00
HEXAVALENT CHROMIUM	NIOSH 7600	\$65.00
HYDRAZINE	NIOSH 3503	\$45.00
HYDROGEN CYANIDE	NIOSH 6010	\$30.00
NITRATE BY ISE	ORION FORM WeWWG/5880	\$20.00
NITROGEN DIOXIDE/NITRIC OXIDE BY UV/vis	NIOSH 6014	\$60.00
NUISANCE PARTICULATES BY GRAVIMETRIC	NIOSH O500	\$10.00
pH	EPA 150.1	\$10.00
TOTAL DISSOLVED SOLIDS	S/M 2540C	\$20.00
TURBIDITY BY NEPHELOMETRY	S/M 214B	\$15.00
PURGEABLE ORGANIC COMPOUNDS	EPA 524.2	\$150.00
ORGANOHALIDE PESTICIDES & PCB's	EPA 505	\$250.00
TOTAL HETEROTROPHIC BACTERIAL COUNTS	MILLIPORE METHOD	\$30.00
METHYLENE BLUE ACTIVE SUBSTANCES	S/M 5540C	\$100.00
CHLORIDE	ORION ISE	\$20.00
SULFATE	EPA 375.4	\$20.00
TOTAL ORGANIC CARBON	EPA 415.1/9060	\$80.00

S/M INDICATES METHOD IS FROM *STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER*

ENVIRONMENTAL DRUG ANALYSIS —AMPHETAMINES, BENZODIAZOPINE, BENZOYLECGONINE, COCAINE, METHAQUALONE, OPIATES, PHENCYCLIDINE, and THC.

FEE ---\$65.00 Per sample for single analyte
 FEE ---\$125.00 Per sample for mixtures requiring GC/MS quantification and confirmation

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FISCAL YEAR 2002 FEE SCHEDULE

About the FY' 2002 Fee Schedule

- Necessary supplies (filters, charcoal tubes, PASSIVE MONITORS, solutions, etc.) are provided **FREE OF CHARGE** when the FOH Lab receives resultant samples for analysis. Lost, damaged, or non-returned supplies will be invoiced after 60 days unless the lab is notified. Unused/damaged badges and specialty filters (e.g., glutaraldehyde, isocyanate) will be invoiced at replacement cost.
- Normal turnaround time for routine analysis is SEVEN working days from receipt of samples. "RUSH" service is usually available. "RUSH" results carry a 50% surcharge added to the regular fee. The laboratory requests advance notice for "RUSH" service.
- Technical Support available 8:30 A.M.-4:30 P.M. CST.
- Good Laboratory Practice (GLP), the OSHA and NIOSH methods and the FOH Quality Assurance Program requires that a minimum of 1 blank must accompany every set of samples. Blanks are charged at applicable fees.
- Research projects and methods development @ \$65.00 per one hour.

If you would like more information, send email to MSTEMMONS@PSC.GOV

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Denver Federal Center; Building #25, Room 1978; Denver, CO 80225-0046

Phone: 303-236-9984; Fax: 303-236-3440

FISCAL YEAR 2002 FEE SCHEDULE

OPTICAL MICROSCOPY	METHOD NUMBER	MEDIA	PRICE/SAMPLE
Asbestos	PCM-NIOSH 7400	MCE Filter	\$10.00
	PLM-NIOSH 9002	Bulk Sample	\$12.00
	EPA/600/R-93/116	Bulk Sample	\$12.00
	PCM-OSHA-ID-160	MCE Filter	\$20.00
	EPA/600/M4-82-020**	Bulk Sample	\$50.00
	PLM constituents	Dust/MCE filter/Tape	\$20.00

**Indicates that a point count is performed.

ANALYTICAL ELECTRON MICROSCOPY	METHOD NUMBER	MEDIA	PRICE/SAMPLE
Asbestos	TEM-AHERA protocol	MCE Filter	\$90.00
	TEM-NIOSH 7402	MCE Filter	\$150.00
	TEM-Chatfield protocol	Bulk Sample	Quote
	EPA/600/4-84-043	Water	\$100.00
	TEM Qualitative (presence or absence)	Bulk Sample	\$75.00
	ASTM D 5755-95	MCE Microvac	Quote
Unknown Fine	TEM/SAED/EDXA	Particles<10µm	\$175.00

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FISCAL YEAR 2002 FEE SCHEDULE

INDOOR AIR QUALITY	PRICE/SAMPLE	
<u>Culture Methods for Fungi and Bacteria (include media)</u>		
Air samples	Fungal enumeration and identification	\$47.00
	Detection of <i>Stachybotrys</i>	\$47.00
	Bacterial enumeration	\$37.00
Contact plate samples	Fungal enumeration and identification	\$47.00
	Detection of <i>Stachybotrys</i>	\$47.00
Wipe/swab or bulk samples	Fungal enumeration and identification	\$57.00
	Bacterial enumeration	\$49.00
	Detection of <i>Stachybotrys</i>	\$57.00
	Both fungi and bacteria or all of the above	\$70.00

Non-Culture Methods for Fungal Spores

Air sample analyses		
Zeflon Air-O-Cell spore identification and concentrations		
	Standard turnaround	\$62.50
	Rush*, 3 days	\$72.00
	Rush*, 2 days	\$78.50
	Rush*, next day	\$94.00
	Rush*, same day	\$109.50
	Rush*, holiday/weekend	\$125.00
	Supply, Zeflon Air-O-Cell cassette	\$10.00
Tape or bulk samples		
Direct microscopic examination with spore identification		
	Standard turnaround	\$31.50
	Rush*, 3 days	\$36.00
	Rush*, 2 days	\$39.00
	Rush*, next day	\$47.00
	Rush*, same day	\$55.00
	Rush*, holiday/weekend	\$62.50

*Please call us before submitting Rush samples.

Indoor Allergens

Analyses		
	Dust mite <i>Der p-1</i> and <i>Der f-1</i>	\$75.00
	Dog allergen <i>Can f-1</i> only	\$44.00
	Cat allergen <i>Fel d-1</i> only	\$44.00
	Cockroach allergen <i>Bla g-I</i> or <i>Bla g-II</i>	\$44.00
	All of the above allergens	\$175.00
Supply	Dust sampling "sock"	\$5.00

WATER ANALYSES	PRICE/SAMPLE
Total heterotrophic bacterial counts	\$30.00
Total coliform bacteria	\$30.00
<i>Legionella</i> bacteria detection and specification	\$163.00