

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS <i>OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30</i>				1. REQUISITION NUMBER REQ-4000-14-0014		PAGE OF 1 8	
2. CONTRACT NO. CPSC-D-12-0001		3. AWARD/EFFECTIVE DATE 09/18/2014	4. ORDER NUMBER 0013		5. SOLICITATION NUMBER		6. SOLICITATION ISSUE DATE
7. FOR SOLICITATION INFORMATION CALL:		a. NAME Greg Grayson		b. TELEPHONE NUMBER (No collect calls) 301-504-7725		8. OFFER DUE DATE/LOCAL TIME ET	
9. ISSUED BY CONSUMER PRODUCT SAFETY COMMISSION DIV OF PROCUREMENT SERVICES 4330 EAST WEST HWY ROOM 523 BETHESDA MD 20814			CODE FMPS	10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED OR <input type="checkbox"/> SET ASIDE: % FOR:			
				<input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS		<input type="checkbox"/> WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM <input type="checkbox"/> EDWOSB <input type="checkbox"/> 8(A)	
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE		12. DISCOUNT TERMS Net 30		13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		13b. RATING	
15. DELIVER TO CONSUMER PRODUCT SAFETY COMMISSION OFFICE OF HAZARD ID & REDUCTION 5 Research Place Rockville MD 20850				16. ADMINISTERED BY CONSUMER PRODUCT SAFETY COMMISSION DIV OF PROCUREMENT SERVICES 4330 EAST WEST HWY ROOM 523 BETHESDA MD 20814			
17a. CONTRACTOR/OFFEROR TOXICOLOGY EXCELLENCE FOR RISK ASSESSMENT ATTN JACQUELINE PATTERSON 2300 MONTANA AVE SUITE 409 CINCINNATI OH 45211-3888		CODE EXHR		18a. PAYMENT WILL BE MADE BY CPSC Accounts Payable Branch AMZ 160 P. O. Box 25710 Oklahoma City OK 73125		CODE FMFS	
TELEPHONE NO. (513) 542-7475 EXT29				17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER <input type="checkbox"/>			
				18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM			
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES			21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	DUNS Number: [REDACTED] Contracting Officer Representative: Treye Thomas Email: Tthomas@cpsc.gov Tel: 301-987-2560 Task Order 0013 to contract number CPSC-D-12-0001 is hereby issued for toxicological services. The contractor shall provide all necessary personnel, materials, and services for the performance period of September 22, 2014 through March 21, (Use Reverse and/or Attach Additional Sheets as Necessary)						
25. ACCOUNTING AND APPROPRIATION DATA 0100A14DSE-2014-2325900000-EXHR004000-252H0						26. TOTAL AWARD AMOUNT (For Govt. Use Only) \$136,861.52	
27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA				27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4, FAR 52.212-5 IS ATTACHED. ADDENDA			
28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED.				29. AWARD OF CONTRACT: OFFER DATED _____ YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS: _____			
30a. SIGNATURE OF OFFEROR/CONTRACTOR				31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER) 			
30b. NAME AND TITLE OF SIGNER (Type or print)		30c. DATE SIGNED		31b. NAME OF CONTRACTING OFFICER (Type or print) Eddie Ahmad		31c. DATE SIGNED 9/19/14	

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	2015. All work shall be in accordance with the attached statement of work, contractor's quote, and terms and conditions of master contract# CPSC-D-12-0001.				
0001	Toxicological Services	1256	HR	108.17	135,861.52
0002	Literature Review	1	LO	1,000.00	1,000.00
	The total amount of award: \$136,861.52. The obligation for this award is shown in box 26.				

32a. QUANTITY IN COLUMN 21 HAS BEEN
 RECEIVED INSPECTED ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____ 32c. DATE _____ 32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____

32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____ 32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____
 32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____

33. SHIP NUMBER _____ 34. VOUCHER NUMBER _____ 35. AMOUNT VERIFIED CORRECT FOR _____ 36. PAYMENT _____ 37. CHECK NUMBER _____
 PARTIAL FINAL COMPLETE PARTIAL FINAL

38. S/R ACCOUNT NUMBER _____ 39. S/R VOUCHER NUMBER _____ 40. PAID BY _____

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT _____ 42a. RECEIVED BY (*Print*) _____
 41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER _____ 41c. DATE _____ 42b. RECEIVED AT (*Location*) _____
 42c. DATE REC'D (*YY/MM/DD*) _____ 42d. TOTAL CONTAINERS _____

STATEMENT OF WORK
(Contract# CPSC-D-12-0001 / Task Order 0013)
Epidemiologic and Toxicological Study Review
On the Health Risks of Mold

1. Description of Services

The Contractor shall provide all necessary personnel, materials, and facilities to conduct a review of epidemiologic and toxicological studies on the health risks of common mold species likely to be found in and around the home (Table 1). The CPSC Contracting Officer's Representative (COR) shall provide a preliminary literature search of TOXLINE citations and electronic copies of references already in their possession. In addition to detailing the toxicities of different molds, epidemiological data describing mold-related morbidity and mortality statistics is also requested. The emphasis shall be on data for the last 10 years. Emphasis shall be placed on susceptible populations including young children and the elderly.

The Contractor shall:

- The Contractor shall meet with the (COR by phone following the completion of each of the subtasks listed below (Section 8) to discuss progress on the task.
- The Contractor shall select and obtain references that include data relating to 1) relevant physico-chemical properties, 2) the potential for human toxicity and exposure, and 3) epidemiology of mold related morbidity and mortality statistics.
- The Contractor may rely on authoritative reviews for general toxicity and physico-chemical information but should review key references on health effects. Key references include those that identify no observable adverse effect levels (NOAELs), lowest observable adverse effect levels (LOAELs), or dose response information.
- In reviewing the toxicity data, a higher priority shall be given to studies relating to human toxicity. This shall include data in humans, animal studies, and *in vitro* studies.
- CPSC staff can obtain many journal articles in pdf form through the National Library of Medicine (NLM) at low cost. After completing the literature search, the Contractor shall provide a list of references (including PMID if available) to the COR. The COR will request these from NLM and forward them to the Contractor. The Contractor shall not purchase articles that can be obtained through NLM.
- Copies of references cited, not provided by the CPSC staff, shall be made available to the Contracting Officer in paper or electronic form when the task is completed.
- The report shall be broken down into discussion points using the following format, where possible. This format is not all inclusive and can be added to or subtracted from when information does or does not exist. Special emphasis shall be placed on the potential for respiratory irritation and the association of molds found in and around the home with the development or exacerbation of asthma symptoms in young children.

1. Introduction
2. Basic Mold Characteristics
3. Toxicokinetics
 - Absorption
 - Distribution
 - Metabolism

4. Hazard Information
 - Acute Single Dose Toxicity
 - Acute oral toxicity
 - Acute dermal toxicity
 - Acute inhalation toxicity
 - Primary skin irritation
 - Primary eye irritation
 - Respiratory irritation
 - Sensitization
5. Lowest Hazard Endpoints by organ system and exposure duration
 - Overall Uncertainty
 - Emphasis on susceptible populations including young children and the elderly
6. Human Exposure, with emphasis on consumers and susceptible sub-populations (e.g., young children, elderly)
 - Exposure studies shall be listed and briefly summarized as to results and type of study
7. Discussion—including significant data gaps
8. References

Table 1: Mold species to be reviewed

Mold Species
Alternaria
Aspergillus
Chaetomium,
Claudosporium
Dicyma
Epicoccum
Malassezia
Penicillium
Phoma
Stachybotrys
Zygomycetes

2. Contract Type

This is a firm fixed price task order with fully loaded hourly rates for the hours indicated in the schedule of services.

3. Background

Federal agencies including the Centers for Disease Control and Prevention (CDC) and the Environmental Protection Agency (EPA) have issued warnings and guidance documents on the dangers of mold in the home and strategies to reduce mold exposures, particularly to children

(CDC, 2014). Consumer exposure to mold on a product may be more frequent and direct than exposures that might occur in a building setting, making remediation even more important for products with mold contamination. Mold exposure has been associated with a variety of health effects, including irritant and allergic reactions, such as asthma and other respiratory conditions (EPA, 2014). Recently, there have been voluntary recalls of products due to the development of mold. In addition, the CPSC 360 database contains over a thousand complaints from consumers regarding the presence of mold. There are news reports of lawsuits seeking damages due to mold effects. It is important that staff gain a better understanding of these hazards and the new information that has been developed over the past several years on mold toxicity.

4. Objective

The objective of this task is to identify the potential irritant and other health impacts of specific molds that are found in the home and, specifically, in or on consumer products. The information will be used to develop thresholds for exposure and guidance documents for consumers with emphasis on susceptible populations (e.g., children).

5. Period of Performance

The period of performance shall be from September 22, 2014 through March 21, 2015.

6. Government Furnished Materials

The CPSC COR will provide electronic copies of relevant references currently in their possession. The COR will request the list of Contractor-provided references from NLM and forward them to the Contractor. The CPSC COR will provide a preliminary mold assessment that was completed by the CPSC staff.

7. Deliverables or Performance

The Contractor shall provide the requested information in the form of a written report to the CPSC COR within ninety (90) days after the initial meeting. The report shall be in the format of a scientific report with full citations, tables, and figures as discussed above. The reviewer shall e-mail the report to the CPSC COR in a Microsoft Word file.

8. Delivery Schedule

Item(s)	Quantity	Delivery or Performance
The CPSC Contracting Officer's Representative (COR) and Contractor shall meet by telephone to discuss and initiate the project.	1	Within 7 calendar days of task order 0013 award date.
The CPSC COR shall provide electronic copies of references and preliminary mold assessment to the Contractor.	1	Within 14 calendar days of task order 0013 award date.
The CPSC COR shall be available to consult with the Contractor by teleconference.	As appropriate	At the completion of each subtask.
The CPSC COR and Contractor shall meet by teleconference to discuss the literature search, availability of data, and other information relevant to performing the review.	1	Within 30 calendar days of the project kick-off.
The Contractor shall submit a draft report in electronic format to the CPSC COR.	1	Within 90 calendar days after the meeting to discuss information relevant to performing the review with the CPSC COR.
The CPSC COR shall provide type-written comments or a document edited by "Track Changes" on the draft report to the Contractor.	1	Within 14 calendar days after receipt of the draft report.
The Contractor shall submit an electronic draft final report to the CPSC COR.	The Contractor shall revise the draft final report as appropriate.	Within 30 calendar days after receipt of comments.
The CPSC COR shall provide type-written comments or a document edited by "Track Changes" on the draft final report to the Contractor.	1	Within 14 calendar days following receipt.
The Contractor shall provide the final report.	1	Within 7 calendar days after receipt of comments.
Inspection and acceptance of the final report.	The final report shall be reviewed by the CPSC COR.	Within 7 calendar days after receipt of the report.

9. Place of Delivery

U.S. Consumer Product Safety Commission
Directorate for Health Sciences
5 Research Pl
Rockville, MD 20850

CPSC Contracting Officer Representatives and contact information:

Treye Thomas, Ph.D.
tthomas@cpsc.gov
301-987-2560

10. Inspection and Acceptance

The Draft report submitted to CPSC shall be reviewed within 14 calendar days of its receipt for questions and/or comments. If returned to the Contractor as a result of the review, the Contractor shall address and/or revise their report accordingly and return the draft final version to the COR within 30 calendar days of receipt. The CPSC COR shall then have 14 calendar days to review the Final report. If necessary, any additional questions and/or comments from the CPSC COR shall be addressed by the Contractor within 7 calendar days of receipt. The CPSC COR shall then have 7 calendar days for final acceptance.

11. Requirement for CPSC Clearance

The final report is the property of the CPSC. The Contractor shall not publish the final report, present the information at scientific meetings, or in any other way make the findings public in any form without the written permission of the COR. Any publication must be cleared following CPSC procedures, as outlined in the Consumer Product Safety Act.

12. References

CDC, 2014. Mold General Information. Centers for Disease Control.
<http://www.cdc.gov/mold/basics.htm>

EPA, 2104. Molds and Moisture. Environmental Protection Agency.
<http://www.epa.gov/mold/index.html>

Mudarri D, Fisk WJ. 2007. Public health and economic impact of dampness and mold. *Indoor Air* 17(3): 226-235.

LC 5 Contracting Officer's Representative (COR) Designation

a. The following individual has been designated as the Government's COR for contract CPSC-D-12-0001/Task Order 0013:

Name: Treye A. Thomas, Ph.D.
Division: Directorate for Health Sciences
Telephone: 301-987-2560
Email: tthomas@cpsc.gov

b. The CPSC COR is responsible for:

(1) monitoring the Contractor's technical progress, including surveillance and assessment of performance, and notifying the Contracting Officer within one week when deliverables (including reports) are not received on schedule in accordance with the prescribed delivery schedule.

(2) performing technical evaluation as required, assisting the Contractor in the resolution of technical problems encountered during performance; and

(3) inspection and acceptance of all items required by the contract.

c. The COR is not authorized to and shall not:

(1) make changes in scope of work, contract schedules, and/or specifications to meet changes and requirements,

(2) direct or negotiate any change in the terms, conditions, or amounts cited in the contract; and

(3) take any action that commits the Government or could lead to a claim against the Government.

d. A clear distinction is made between Government and Contractor personnel. No employer-employee relationship will occur between government employees and contractor employees. Contractor employees must report directly to their company (employer) and shall not report to Government personnel.