

**SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS**  
OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30

1. REQUISITION NUMBER: REQ-4500-12-0011  
PAGE OF: 1 5  
2. CONTRACT NO.: CPSC-D-12-0001  
3. AWARD/EFFECTIVE DATE: 08/16/2012  
4. ORDER NUMBER: 0003  
5. SOLICITATION NUMBER:  
6. SOLICITATION ISSUE DATE:

7. FOR SOLICITATION INFORMATION CALL: **Greg Grayson**  
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:  UNRESTRICTED OR  SET ASIDE: % FOR:  
 SMALL BUSINESS  
 HUBZONE SMALL BUSINESS  
 SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS  
 WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM  
 EDWOSB  
 8(A)  
NAICS: 541690  
SIZE STANDARD: \$6.0

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED:  SEE SCHEDULE  
12. DISCOUNT TERMS: Net 30  
13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700):   
13b. RATING:  
14. METHOD OF SOLICITATION:  RFQ  IFB  RFP

15. DELIVER TO: CONSUMER PRODUCT SAFETY COMMISSION  
OFFICE OF HAZARD ID & REDUCTION  
4330 EAST WEST HIGHWAY  
ROOM 804  
BETHESDA MD 20814  
CODE: EXHR  
16. ADMINISTERED BY: CONSUMER PRODUCT SAFETY COMMISSION  
DIV OF PROCUREMENT SERVICES  
4330 EAST WEST HWY  
ROOM 523  
BETHESDA MD 20814  
CODE: FMPS

17a. CONTRACTOR/OFFEROR: TOXICOLOGY EXCELLENCE FOR RISK ASSESSMENT  
ATTN JACQUELINE PATTERSON  
2300 MONTANA AVE SUITE 409  
CINCINNATI OH 45211-3888  
CODE: [REDACTED]  
FACILITY CODE:  
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  
 18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED:  SEE ADDENDUM

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	DUNS Number: 09[REDACTED] Contracting Officer Representative: Dr. Treye Thomas Tel: 301-504-7738 Email: TThomas@cpsc.gov  Task Order 0003 to contract number CPSC-D-12-0001 is hereby issued for peer review services as a firm fixed price task order. The contractor shall provide all necessary personnel, materials, and services for the performance period of August 17, (Use Reverse and/or Attach Additional Sheets as Necessary)				

25. ACCOUNTING AND APPROPRIATION DATA: 0100A12DPS-2012-2370400000-EXHR004000-255C0  
26. TOTAL AWARD AMOUNT (For Govt. Use Only): \$34,920.00

27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA  ARE  ARE NOT ATTACHED.  
 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA  ARE  ARE NOT ATTACHED.

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: REF. 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: [REDACTED]  
31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER): *Rudith M. Johnson*

30b. NAME AND TITLE OF SIGNER (Type or print):  
30c. DATE SIGNED:  
31b. NAME OF CONTRACTING OFFICER (Type or print): Rud. M. Johnson  
31c. DATE SIGNED: 8/17/2012

19 ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
0001	2012 through February 16, 2013.  All work shall be in accordance with the terms and conditions of the contract and the attached statement of work and supporting documents.  The contractor shall provide peer review services.  The total amount of award: \$34,920.00. The obligation for this award is shown in box 26.	485	HR	72.00	34,920.00

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
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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 <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER
<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				

38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY
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41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT	42a. RECEIVED BY ( <i>Print</i> )
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE
	42b. RECEIVED AT ( <i>Location</i> )
	42c. DATE REC'D ( <i>YY/MM/DD</i> )
	42d. TOTAL CONTAINERS

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### Statement of Work

#### Peer Review of the Versar Report on Nanomaterial Toxicity

##### Background

There is a growing use of consumer products made with nano-scale compounds or materials, which are produced by directly manipulating matter at the atomic level, producing novel materials that could not have been fabricated in the past. Nanomaterials are defined as materials/particles that range from 1 to 100 nm in at least one dimension, and demonstrate unique physical and chemical properties; they may behave differently in the environment and in the human body compared to the same materials/particles that are larger.

In the conference report on H.R. 4040, CPSIA of 2008, Congress stated under the authorization of appropriations (Section 201), that it recognizes nanotechnology as a new technology used in the manufacture of consumer products, and that it expects the U.S. Consumer Product Safety Commission (CPSC) to review the use and safety of nanotechnology in consumer products, consistent with the Commission's mission. In support of that mission, CPSC has requested funding to specifically address critical data needs for the safe use of nanomaterials in consumer products. Funds were allocated to a contract with Versar to conduct an assessment of three nanomaterials that are believed to be used in consumer products: nano titanium dioxide, nano silver (nanoAg) and carbon nanotubes (CNT). Specifically Versar was tasked to:

- Evaluate pertinent toxicokinetic, toxicological, and mechanistic studies, including in vitro studies into potential mechanisms of action for nanomaterials.
- Identify NOAELs and LOAELs from pertinent toxicology studies.
- Draw conclusions about the weights of evidence associating exposure (by pertinent exposure routes to be determined with CPSC) with health hazards
- Draw conclusions about the suitability of the available data for deriving ADIs for specific substances within three classes of materials. This analysis included examining the apparent critical effects identified from the available data and identifying prospective principal studies for ADI development.

The Versar report was completed and submitted to the CPSC staff in May 2012.

##### Objective and Description of Work

The objective of the present task is to provide a peer review of the Versar report on nanoparticle toxicity.

- In consultation with CPSC staff, the Contractor shall identify four peer reviewers who have substantial expertise in the field of nanotoxicology. The reviewers may be employees of the Contractor or independent subcontractors. The Contractor may select one or more additional peer reviewers who are federal employees (non-compensated). The Contractor shall provide a list of available candidates with appropriate expertise to conduct the peer review and shall work with CPSC staff to select the reviewers from the list of candidates.

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- The peer reviewers shall conduct a review of the report, and comment on whether:
  - 1) the characterization of the information presented in the report is accurate;
  - 2) the most current and relevant studies are included in the toxicity review. If the most current and relevant studies are not included in the review, the Contractor shall identify the missing studies. The Contractor shall indicate the implications of the findings of such studies on the conclusions of the report, recommend revising the key toxic endpoints and/or the NOAEL/LOAELs used to derive ADIs in the report, as necessary;
  - 3) the conclusions and recommendations are appropriate and supported by available information, including recommendations for ADIs for all three nanomaterials.
- The CPSC contracting officer representative (COR) shall provide charge questions in consultation with the Contractor.
- The Contractor shall provide a Peer Review Report to the CPSC contracting officer representative containing the findings of the peer reviewers, including questions, observations, and suggestions for improving the discussion and conclusions.

### Period of Performance

The period of performance shall be for 180 days from date of award.

### Delivery Schedule

The Contractor shall provide a list of available candidates to conduct the peer review to CPSC staff within 1 month of the date the task is awarded. The Contractor shall provide the requested Peer Review Report to CPSC staff within 60 days of the date of receipt of the CPSC staff report or the date the candidate peer reviewers are selected. The CPSC contracting officer representative shall have 30 days to review the report and return it to the contractor for revisions, if needed. The contractor shall have 30 days to make any suggested changes and return the revised document to the CPSC contracting officer representative. The contractor shall have one (1) month, based on availability, following the final acceptance of the Peer Review Report to convene a teleconference with the peer reviewers and the CPSC project manager.

### Delivery

The peer review report and other written materials shall be provided by email to Treye Thomas ([tthomas@cpsc.gov](mailto:tthomas@cpsc.gov)). If needed, the contractor may mail or send written materials by the deadline to:

Treye Thomas, Ph.D.  
U.S. Consumer Product Safety Commission  
4330 East West Highway  
Bethesda, MD 20814-4421

Technical questions or clarifications about the documents should be directed to Treye Thomas at 301-504-7738 or [tthomas@cpsc.gov](mailto:tthomas@cpsc.gov).

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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 0003

Name: Treye Thomas, Ph.D.  
Division: Directorate for Health Sciences  
Telephone: 301-504-7738  
Email: [tthomas@cpsc.gov](mailto: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.**