

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

1 REQUISITION NUMBER: REQ-4100-13-0001
 2 CONTRACT NO: CPSC-D-09-0003
 3 AWARD EFFECTIVE DATE: 02/11/2013
 4 ORDER NUMBER: 0002
 5 SOLICITATION NUMBER: CPSC-Q-13-0010
 6 SOLICITATION ISSUE DATE: 01/18/2013

7 FOR SOLICITATION INFORMATION CALL: Rudi Johnson
 8 TELEPHONE NUMBER (NO COLLECT CALLS): 301-504-7028
 9 OFFER DUE DATE/LOCAL TIME: ET

10 ISSUED BY: CONSUMER PRODUCT SAFETY COMMISSION
 DIV OF PROCUREMENT SERVICES
 4330 EAST WEST HWY
 ROOM 517
 BETHESDA MD 20814
 CODE: FMPS
 10 THIS ACQUISITION IS: UNRESTRICTED OR SET ASIDE
 SMALL BUSINESS WOMEN-OWNED SMALL BUSINESS
 HUBZONE SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM
 SERVICE DISABLED VETERAN-OWNED SMALL BUSINESS EDWOSB NAICS
 8(A)
 SIZE STANDARD: \$6.50

11 DELIVERY FOR FOB DESTINATION UNLESS BLOCK 19 MARKED: SEE SCHEDULE
 12 DISCOUNT TERMS: Net 30
 13a THIS CONTRACT IS A RATED ORDER UNDER OPAS (15 CFR 700)
 13b RATING:
 14 METHOD OF SOLICITATION: BRF IFB RFP

15 DELIVER TO: CONSUMER PRODUCT SAFETY COMMISSION
 DIRECTORATE FOR ECONOMIC ANALYSIS
 4330 EASTWEST HIGHWAY
 ROOM 723-02
 BETHESDA MD 20814
 CODE: EC
 16 ADMINISTERED BY: CONSUMER PRODUCT SAFETY COMMISSION
 DIV OF PROCUREMENT SERVICES
 4330 EAST WEST HWY
 ROOM 517
 BETHESDA MD 20814
 CODE: FMPS

17a CONTRACTOR/OFFEROR: PACIFIC INSTITUTE FOR RESEARCH AND EVALUATION
 11720 BELTSVILLE DRIVE
 SUITE 900
 BELTSVILLE MD 20705-3102
 CODE: ~~02300000~~
 FACILITY CODE:
 18a PAYMENT WILL BE MADE BY: CPSC Accounts Payable Branch
 AMZ 160
 P. O. Box 25710
 Oklahoma City OK 73125
 CODE: FMPS

TELEPHONE NO: 301-755-2701
 17b CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER
 18b BUREAU INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED SEE ADDENDUM

18 ITEM NO.	20 SCHEDULE OF SUPPLIES/SERVICES	21 QUANTITY	22 UNIT	23 UNIT PRICE	24 AMOUNT
	DUNS Number: 072300000 CONTRACTING OFFICER REPRESENTATIVE (COR): WILLIAM ZAMULA TEL: 301-504-7709 EMAIL: WZAMULA@CPSC.GOV TASK ORDER 0002 TO DELIVERY ORDER CONTRACT CPSC-D-09-0003 IS HEREBY ISSUED TO PROVIDE ALL NECESSARY PERSONNEL, MATERIALS AND SERVICES REQUIRED TO PROVIDE BENEFIT ASSESSMENT SUPPORT TO CONDUCT A DECISION TREE ANALYSIS TO REVISE (Use Reverse and/or Attach Additional Sheets as Necessary)				

25 ACCOUNTING AND APPROPRIATION DATA: 0100A13DSE-2013-141250000-EXHR004100-252H0
 26 TOTAL AWARD AMOUNT (For Govt. Use Only): \$32,237.76

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: *Diane McKnight*
 31a UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER): *Kim Miles*
 30b NAME AND TITLE OF SIGNER (Type or print): Diane McKnight, Director of Contracts & Grants
 30c DATE SIGNED: 2/12/2013
 31b NAME OF CONTRACTING OFFICER (Type or print): Kim Miles
 31c DATE SIGNED: 2-12-13

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21 QUANTITY	22 UNIT	23 UNIT PRICE	24 AMOUNT
	<p>ESTIMATES OF MEDICALLY TREATED INJURIES AND DEVELOP DATA FOR FUTURE ANALYSIS OF VARIANCE TO SUPPORT THE DIRECTORATE FOR ECONOMIC ANALYSIS AT THE CONSUMER PRODUCT SAFETY COMMISSION. THESE SERVICES SHALL BE EFFECTIVE FOR A PERIOD OF SIX (6) MONTHS BEGINNING 11 FEBRUARY 2013 THROUGH 10 AUGUST 2013 AND SHALL BE CONDUCTED IN ACCORDANCE WITH THE ATTACHED STATEMENT OF WORK (SOW), CONTRACTOR'S LETTER DATED 28 JANUARY, 2013, GSA SCHEDULE, AND THE TERMS AND CONDITIONS OF CPSC-D-D-0003.</p> <p>THE CONTRACTOR SHALL PROVIDE THE FOLLOWING SERVICES CATAGORIES TO CONDUCT DECISION TREE ANALYSIS TO REVISE ESTIMATES OF MEDICALLY TREATED INJURIES AND DEVELOP DATA FOR FUTURE ANALYSIS OF VARIANCE.</p>				
0001	SENIOR STUDY DIRECTOR	24	HR	202.20	4,852.80
0002	ASSOCIATE STUDY DIRECTOR	192	HR	142.63	27,384.96
	The total amount of award: \$32,237.76. 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. SIR ACCOUNT NUMBER 39. SIR 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 (YYMMDD) 42d. TOTAL CONTAINERS

CPSC-D-09-0003 Task Order 0002 Benefit Assessment Support Services

1. Description of Services

The contractor shall provide benefit assessment support, including statistical model and computerized implementation to conduct a Decision Tree Analysis to Revise Estimates of Medically Treated Injuries and Develop Data for Future Analysis of Variance to support the Directorate for Economic Analysis, at the Consumer Product Safety Commission.

2. Background

The Consumer Product Safety Commission's (CPSC) major tool for estimating the benefits from the prevention of consumer product related injuries is the Injury Cost Model (ICM). The ICM estimates the costs of injuries reported through the National Electronic Injury Surveillance System (NEISS), a national probability sample of hospital emergency departments. The ICM also uses empirically derived relationships between emergency department injuries and those treated in other settings (e.g. doctor's offices, clinics) to estimate the number of injuries treated outside hospital emergency departments and the costs of those injuries.

3. Objective

The purpose of this task order is to develop improved estimates of injuries treated outside emergency departments using decision tree analysis on Medical Expenditure Panel Survey (MEPS) data files. The contractor shall first remove motor vehicle and occupation injuries from the MEPS data files, thus reducing the potential bias in the estimates. In addition, this task will apply ICM age groupings, which will facilitate implementation of the estimates in the ICM. The injury data shall be updated to include more recent information. The previous contract used Medical Expenditure Panel Survey (MEPS) data from 1996-2006 to estimate injuries treated in doctors' offices and clinics. Data are now available through 2007, providing additional injury cases. Another potential enhancement is the use of additional condition codes in the MEPS data, which could also increase the number of cases available for analysis.

4. Performance Work Statement

The contractor shall examine the subtasks below and conduct a conference call with CPSC within five (5) business days. The contractor shall then prepare a summary of the discussion and a proposed schedule.

The contractor shall apply decision tree analysis to MEPS data to be grouped into various subgroups (age, gender, diagnosis, body part). Decision tree analysis provides the capability of differentiating by age and gender, which is important because different age and gender groups differ greatly in where they seek treatment for injuries. First, the decision tree analysis shall be applied to the groupings of NEISS diagnosis body part codes for both doctor/emergency department and direct admitted/ED admitted injuries. The contractor shall prepare a methodology report describing the data, the mapping and grouping decisions, and the analytic techniques used to prepare the new estimates of injuries. The contractor shall also prepare tables comparing the injury estimates in this task to injury estimates from the 2000 ICM for body parts and diagnoses.

Subtask 1: Develop Estimates of Medically Treated Injuries for NEISS Age-Sex-Diagnosis Body Part Combinations Using Decision Tree Analysis

The contractor shall use 1996-2007 MEPS data to develop estimates of doctor/clinic treated injuries. The age categories used in the analysis shall correspond to the current age groupings in the Injury Cost Model. The contractor shall eliminate motor vehicle-related injuries and occupational injuries using the medical conditions file.

The contractor shall extract any injury condition code listed in the MEPS cases, not just the first one listed in the case, unless doing so would distort the estimates. The contractor shall use the NEISS data for consumer product related injuries (not the AIP) from 2010-2011 for any comparison purposes in the report.

Subtask 2: Prepare MEPS Data File for Future Analysis of Variance

The contractor shall prepare a MEPS data file that shall allow CPSC to conduct analysis of variance on the estimates of medically treated injuries. The data file shall include a field for the year the data was compiled. The contractor shall document all variable names and provide all the computer programs used to prepare the file.

6. Period of Performance

The period of performance shall be six (6) months from the date of the award (block #3) of the task order.

7. Report and Delivery

The following items shall be performance or deliver in accordance with the following schedule:

ITEM	QUANTITY	DELIVERY OR PERFORMANCE
(1) The contractor shall conduct a conference call with CPSC	1	Within five business days of receipt of the task order.

Staff		
(2) The contractor shall provide a summary of the conference call and a proposed schedule.	1	Within ten (10) business days after the conference call.
(3) The contractor shall provide a report on the analysis of the MEPS data used to generate the new estimates and a data file that can be merged into the Injury Cost Model programs to update the estimates of the medically attended injuries.	1	According to the schedule developed above
(4)The contractor shall provide a data file that will allow CPSC staff to conduct analysis of variance on the estimates of medically treated injuries and a report documenting the data file and the methods of preparation of the data file.	1	According the schedule developed above

Reports shall be prepared for both subtasks. All supporting data and programs used in the preparation of the reports shall be provided in either Excel spreadsheets, or SAS datasets in a version of Microsoft word. All drafts and reports shall be emailed to William Zamula at wzamula@cpsc.gov.

CPSC COR shall provide comments on the drafts within 15 business days. The contractor shall then make any needed changes within 15 business days.

8. Payment

Payment shall be made upon receipt of invoice from the contractor and the acceptance and approval of any deliverable item received by the COR.

9. LC 5 Contracting Officer's Representative (COR) Designation

a. The following individual has been designated at the Government's COR for this contract:

Name: Mr. Bill Zamula
 Division: Directorate for Economic Analysis
 Telephone: 301-504-7709
 Email: wzamula@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.

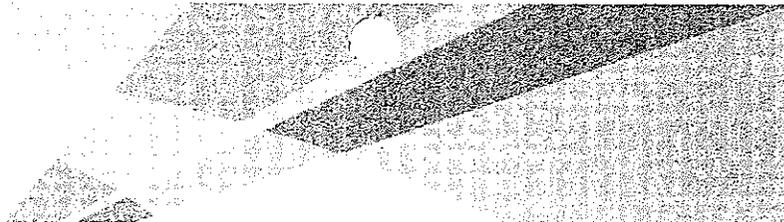
c. The COR is not authorized to and shall not:

(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.



January 28, 2013

Rudi Murray-Johnson
Consumer Product Safety Commission
Office of Procurement Services
Room 523
Bethesda, Maryland 20814

Dear Ms. Murray-Johnson:
RE: (RFQ) CPSC-Q-13-0010 in accordance with contract CPSC-D-09-0003

PIRE is pleased to propose to provide benefit assessment support, including statistical model and computerized implementation, to conduct a Decision Tree Analysis to Revise Estimates of Medically Treated Injuries and Develop Data for Future Analysis of Variance to support the Directorate for Economic Analysis, at the Consumer Product Safety Commission.

Agency for Healthcare Research and Quality staff state that the Medical Expenditure Panel Survey stopped collecting motor vehicle or other injury cause or data that could be used to determine injury cause after 2007. They stopped collecting these data because external reviewers were concerned their inclusion risked creating identifiable data. MEPS also does not differentiate auto insurers from other private insurance payers. Thus the MEPS analysis will be based on data through 2007. It will use 4-5 diagnoses per case and age groups that CPSC specifies.

Our firm fixed price for this work will be \$32,237.76. This covers 24 hours of Senior Study Director Ted Miller (24 * \$202.20 = \$4,852.80) and 192 hours of Associate Study Director Bruce Lawrence (192 * \$142.63 = \$27,384.96). All work will be completed within 6 months of task order commencement.

If you have technical questions on this proposal, please contact Ted Miller at 301-593-7471 or by cell phone at 240-441-2890. For administrative and contractual matters, please contact Diane McKnight, Director of Contracts & Grants, at 301-755-2721.

Our apologies for submitting this proposal so late in the day. Preparing it required considerable checking with Agency for Healthcare Research and Quality staff to determine what it was feasible to do.

We look forward to hearing from you soon.

Sincerely,

A handwritten signature in black ink that reads "Ted Miller".

Ted Miller, PhD
Director, Public Services Research Institute

11720 Beltsville Drive, Suite 900 | Calverton, MD 20705 | Tel: 301-755-2700 | Fax: 301-755-2799

Pacific Institute for Research and Evaluation www.pire.org