

Todd Stevenson

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0019		3. EFFECTIVE DATE 06/23/2010		4. REQUISITION/PURCHASE REQ. NO. REQ-4400-10-0040	
5. PROJECT NO. (If applicable)		6. ISSUED BY CONSUMER PRODUCT SAFETY COMMISSION DIV OF PROCUREMENT SERVICES 4330 EAST WEST HWY ROOM 517 BETHESDA MD 20814		7. ADMINISTERED BY (If other than Item 6) CONSUMER PRODUCT SAFETY COMMISSION DIV OF PROCUREMENT SERVICES 4330 EAST WEST HWY ROOM 517 BETHESDA MD 20814	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) THE UNIVERSITY OF ALABAMA 801 UNIVERSITY BLVD BOX 870104 TUSCALOOSA AL 35487-0104		9A. AMENDMENT OF SOLICITATION NO. (x)		9B. DATED (SEE ITEM 11)	
CODE		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. CPSC-S-06-0079	
				10B. DATED (SEE ITEM 13) 09/26/2006	

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 on 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 ACKNOWLEDGEMENT 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) Net Increase: \$43,753.00
0100A10DPS 2010 2333600000 EXHR004400 252B0

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	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 between parties
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

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

DUNS Number: 0100A10DPS

Modification 0019 to contract CPSC-S-06-0079 is issued to provide for Task Order 0009. This task order is to complete the testing of the prototype generator for the development of a proposed rule. Services shall be as indicated on the attached statement of work.

As a result of this Task Order 0009, the contract is hereby increased in the amount of \$43,753.00 to a contract total of \$574,483.00.

All other terms and conditions as indicated in the basic contract remain unchanged and in full effect.

Continued ...

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Donna Hutton	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 6/23/10

NAME OF OFFEROR OR CONTRACTOR
THE UNIVERSITY OF ALABAMA

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Add Item 0009 as follows:				
0009	Task Order 0009 - to be accomplished in three parts as indicated on the attached statement of work.	1	EA	43,753.00	43,753.00

A. Background

The purpose of this document is to add Task Order 0009 to the existing contract between the U.S. Consumer Product Safety Commission (CPSC) and the University of Alabama (CPSC-S-06-0079). This task order is divided into three parts. The first part is to direct the Contractor to provide support to CPSC staff when prototype generator, PT1, undergoes emission testing at an independent emissions test lab. The second part is to direct the Contractor to conduct engine modifications to PT1 after conducting the wear analysis on the unit (a task previously established from the Contractor's project plan). The engine modification to PT1 will consist of replacing the IMEC-168 ECU with the MT05 ECU and all the associated sensors and components which are unique to each system. The third part is to reassemble the baseline and PT2 gensets to working condition after conducting the wear analyses (a task previously established from the Contractor's project plan) on both units.

B. Statement of Work

1. As stated above, Task Order 0009 is divided into three parts. Under the first part, the Contractor shall provide support to CPSC staff when PT1 undergoes emission testing at an independent emissions test lab. Support during the independent lab emission testing may require that the contractor be on-site at the emission lab for as much as 2 weeks. The contract for the emissions test lab has not yet been awarded, so the location is not yet known; however, the effort will consist of personnel travel and shipping the genset and required test equipment to the independent test lab.
2. The second part of this Task Order is to direct the Contractor to modify the PT1 engine after documenting the wear analysis findings in the contract final report. Following the wear analysis of PT1, the Contractor will reassemble it, replacing the IMEC-168 ECU with the MT05 ECU and all the associated sensors and components which are unique to the MT05 system. This second part is to be accomplished after PT1 has been returned to the Contractor at the conclusion of the independent lab emission testing.
 - 2.1. After completion of the retrofitting, the Contractor shall verify that PT1 operates at the nominal 14.6 air-fuel ratio (AFR) value by measuring and recording the AFR at each of the loads on the generator that reasonably reflects 100% sustainable generator load, 75% engine load, 50% engine load, 25% engine load, 10% engine load, and idle. Time permitting, the Contractor may be requested to perform and provide documentation for a genset 6 mode emission test.
 - 2.2. Upon verification that PT1 performs satisfactorily, the contractor shall ship PT1 to CPSC.

3. The third part is to conduct wear analyses on the baseline and PT2 gensets, document the findings in the contract final report, and then reassemble both units to working condition and ship both units to CPSC.

3.1 After completion of the wear analysis on both the PT2 and baseline gensets, the Contractor shall verify that the units operate by recording the AFR values with loads on the generator that reasonably reflects 100% sustainable generator load, 75% engine load, 50% engine load, 25% engine load, 10% engine load, and idle.

C. Period of Performance

Performance of work shall begin on the effective date of this contract and shall be completed by September 30, 2010.

All other terms and conditions of the existing contract remain unchanged.

D. Deliverable Documents

For the operational AFR checks conducted on PT1, PT2, and the baseline gensets, the Contractor will provide:

1. Electronic files of the engine performance data that include the recorded AFR values at the exhaust manifold boss and engine health thermocouple values, including cylinder head and exhaust temperature.
2. If an emission test is performed on PT1, electronic files shall be provided that include the engine and fuel data, exhaust constituent concentration (ppm) data, and the associated results through the excel six mode genset template that provides averaged modal and combined emission results.

D. Period of Performance

Based on the new work for Task Order 0009, the Delivery section described in this modification is hereby changed to the following items which must be performed or delivered in accordance with the following schedule:

ITEM	QUANTITY	DELIVERY & PERFORMANCE
1. Deliver PT1 to CPSC	1	No later than 30 days after it has been returned to the Contractor following the independent lab emission testing
2. Deliver the baseline and PT2 gensets	1	Gensets will be shipped to CPSC by September 30, 2010