

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE K	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE JUL 23, 2002	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE DEFENSE ENERGY SUPPORT CENTER 8725 JOHN J. KINGMAN RD., SUITE 4950 FT. BELVOIR, VA 22060-6222 FAX: 703-767-8506 BUYER/SYMBOL: M. SMITH/DESC-PLC PP 3.27 PHONE: 703-767-9533 E-MAIL: mmsmith@desc.dla.mil		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (NO., street, city, county, State, and ZIP Code)		(<input checked="" type="checkbox"/>)	9A. AMENDMENT OF SOLICITATION NO. SP0600-01-R-0059-0001	
		(<input checked="" type="checkbox"/>)	9B. DATED (SEE ITEM 11) JUL 2, 2002	
			10A. MODIFICATION OF CONTRACT/ORDER NO.	
			10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<p>[<input checked="" type="checkbox"/>] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [<input type="checkbox"/>] is extended, [<input checked="" type="checkbox"/>] 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:</p> <p>(a) By completing Items 8 and 15, and returning <u>1</u> 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 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.</p>				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
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)				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
D. OTHER Specify type of modification and authority)				
E. IMPORTANT: Contractor [<input type="checkbox"/>] is not, [<input type="checkbox"/>] is required to sign this document and return ___ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)				
<p>A. Offerors must acknowledge receipt of this amendment by filling out block 8 above, and signing and dating blocks 15A, 15B, and 15C below, and returning this document with their offer to DESC-PLC, fax (703) 767-8506.</p> <p>B. Offer closing date remains unchanged as 3:00 p.m. on August 2, 2002.</p> <p style="text-align: center;">(See Continuation Pages)</p>				
Except as provided herein, all terms and conditions of the document referenced in Items 9A or 10A, as heretofore changed, remain 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)		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)				(Signature of Contracting Officer)
				16C. DATE SIGNED

C. Clause C16.27, FUEL, BIODIESEL (B20) (DESC MAY 2002) is hereby deleted and replaced with Clause C16.27, FUEL, BIODIESEL (B20) (DESC JULY 2002), and is in full text as follows:

C16.27 FUEL, BIODIESEL (B20) (DESC JUL 2002)

Offered product shall conform to the following requirements that define a fuel suitable for use in automotive diesel engines.

(a) **PRODUCT COMPOSITIONAL REQUIREMENTS.** Product shall consist of a blend of 20 percent (plus or minus one percent) virgin soybean or rapeseed oil blendstock conforming to the requirements of ASTM D 6751 and 80 percent minimum low sulfur diesel fuel oil conforming to ASTM D 975, grade low sulfur number 1-D or grade low sulfur number 2-D.

(b) **PRODUCT PERFORMANCE REQUIREMENTS.** The finished biodiesel blend shall conform to the following requirements:

<u>TEST</u>	<u>METHOD</u>	<u>VALUE</u>
1. Appearance	ASTM D 4176, Procedure 1	Clear & Bright
2. Acid Number, mg KOH/g	ASTM D 664	0.2 max.
3. Density at 15 ^o C, kg/m ³	ASTM D 4052 ASTM D 1298	.835 - .855
4. Viscosity, mm/S at 40 ^o C	ASTM D 445	1.3 - 4.1
5. Flashpoint, ^o C	ASTM D 93 Oct - Mar: 38 min.	Apr - Sep: 52 min.
6. Cloud point, ^o C OR Cold Filter Plugging Point, ^o C	ASTM D 2500 ASTM D 6371	see (c) below see (c) below
7. Sulfur Content, mass %	ASTM D 2622	0.05 max.
8. Distillation Temperature, ^o C 90% evaporated	ASTM D 86	338 max.
9. Carbon Residue on 10% bottoms, mass %	ASTM D 524	0.35 max.
10. Cetane Number ASTM D 613	40 min.	
11. Ash Content, mass%	ASTM D 482	0.01 max.
12. Water and Sediment, volume%	ASTM D 2709	0.05 max.
13. Copper Corrosion, 3 hours @ 50 ^o C	ASTM D 130	No. 3

(c) **PRODUCT LOW TEMPERATURE PERFORMANCE.** The lower temperature performance of the B20 shall be defined by one of the following two properties: Cloud Point or Cold Filter Plugging Point (CFPP). When specified, the maximum cloud point of the B20 shall be equal to or lower than the tenth percentile minimum ambient temperature in the geographical area and seasonal timeframe in which the B20 is to be used, when tested in accordance with ASTM D 2500. When specified, the maximum CFPP of the B20 shall be a minimum of 10 degrees Celsius below the tenth percentile minimum ambient temperature in the geographical area and seasonal timeframe in which the B20 is to be used, when tested in accordance with ASTM D 6371.