



**A. ACKNOWLEDGE OF AMENDMENTS:** All offerors must acknowledge receipt and acceptance of all amendments to the solicitation. You may do so by signing and dating (blocks 15A., 15B., and 15C) of the Standard Form 30 and returning the amendment or by written acknowledge of receipt and acceptance as part of the proposal submission package. Also, please be certain to identify all exceptions to the solicitation terms and conditions if any.

**B. Solicitation SP0600-02-R-0048 is hereby extended to 17 June 2002 for line items 510-43, 515-464, 515-465, 515-467, 515-468, 515-469, 521-46 due to change in quantity and for new requirements 556-46, 685-461, 685-462, 685-463 and 685-68 as follows:**

**(1) Due to increase of quantity requirements, the following line items are hereby changed as follows:**

<u>LINE ITEM</u>	<u>LOCATION</u>	<u>PRODUCT</u>	<u>QUANTITY</u>	
			<u>FROM</u>	<u>TO</u>
510-43	Fairfield CT	Fuel Oil Burner #1 (FS1)	14,000	42,000
515-464	Groton CT	Fuel Oil Burner #2 (FS2)	50,000	150,000
515-465	Groton CT	Fuel Oil Burner #2 (FS2)	159,000	477,000
515-467	Groton CT	Fuel Oil Burner #2 (FS2)	157,000	471,000
515-468	Groton CT	Fuel Oil Burner #2 (FS2)	150,000	450,000
515-469	Groton CT	Fuel Oil Burner #2 (FS2)	47,000	141,000
521-46	New Haven CT	Fuel Oil Burner #2 (FS2)	15,000	45,000

**(2) Reference clause B1.01-2 SUPPLIES TO BE FURNISHED (DOMESTIC PC&S) (PORTS INTERNET APPLICATION), the following line items are hereby added to requirements as follows:**

ITEM NUMBER		ESTIMATED QUANTITY	UI
	----- STATE OF MAINE ----- WINTER HARBOR, ME, NAVY, NAVAL SPEC GP ACT HANCOCK COUNTY DELIVERY DODAAC: N00702 BILLING DODAAC : N68688 ORDERING OFFICE: 207-963-7580 EXT 235/238		
556-46	FUEL OIL, BURNER #2 (FS2) MAX. SULFUR CONTENT 0.50 %  TANK WAGON (TW), INTO 38/275 GALLON TANKS AT WINTER HARBOR (HOUSING) DELIVERY REQUIRED UNTIL JUNE 2003 AUTOMATIC FILL	40,000	GL

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STATE OF PENNSYLVANIA  
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MECHANICSBURG  
PA, NAVY, NAVAL SUPPORT ACTIVITY (NSA) 17055-0788  
CUMBERLAND COUNTY  
DELIVERY DODAAC: N32414  
BILLING DODAAC : N00104  
ORDERING OFFICE: 717-605-8212

685-24	GASOHOL, REG UNL (GUR)	290,000	GL
	TANK TRUCK (TT), INTO 1/10,000 GALLON BELOW GROUND TANK ANTICIPATE 1% ON HIGHWAY USE		
685-28	GASOLINE, REG UNL (MUR)	_____	GL
	TANK TRUCK (TT), INTO 1/10,000 GALLON BELOW GROUND TANK NOTE: THIS IS AN ALTERNATE LINE ITEM FOR ITEM 685-24. AWARD WILL BE MADE AT THE OVERALL LEAST COST TO THE GOVERNMENT.		
685-461	FUEL OIL, BURNER #2 (FS2) MAX. SULFUR CONTENT 0.30 %	2,058,000	GL
	TANK WAGON (TW), INTO 3/6,000 GALLON TANKS 13/5,000 GALLON TANKS (1 / 5,000 GALLON TANK LOCATED AT BLDG 9) 4/3,000 GALLON TANKS 2/2,000 GALLON TANKS 1/1,000 GALLON TANK 3/550 GALLON TANKS 1/300 GALLON TANK (BLDG 2) 6/275 GALLON TANKS (1 / 275 GALLON TANK LOCATED AT BLDG 307) DELIVERY HOURS: 0600-1500 CONTRACTOR MUST PROVIDE THE NAME OF PERSON MAKING DELIVERY TO SPCC SECURITY CODE 08912. DURING NORMAL DUTY HRS USE MAIN GATE, ACCESS FROM CARLISLE PIKE(US 11). AFTER HRS USE SPORTING HILL GATE. AUTOMATIC FILL		

ITEM NUMBER		ESTIMATED QUANTITY	UI
	----- STATE OF PENNSYLVANIA -----		
685-462	FUEL OIL, BURNER #2 (FS2) MAX. SULFUR CONTENT 0.30 %  TANK TRUCK (TT), W/PUMP, 35' OF HOSE KAMVALOK OPW  1711D NOZ AND 3" COUPLER INTO 1/25,000 GALLON TANK 2/15,000 GALLON TANKS DELIVERY HOURS: 0600-1500 CONTRACTOR MUST REPORT TO BLDG 306B. LOADING RACK METERED TICKET REQUIRED. CONTRACTOR MUST PROVIDE THE NAME OF PERSON MAKING DELIVERY TO SPCC SECURITY CODE 08912. DURING NORMAL DUTY HRS USE MAIN GATE, ACCESS FROM CARLISLE PIKE (US 11). AFTER HRS USE SPORTING HILL GATE.	900,000	GL
685-463	FUEL OIL, BURNER #2 (FS2) MAX. SULFUR CONTENT 0.30 %  TANK WAGON (TW), W/OPW 1711D NOZZLE & 3" COUPLER INTO 1/10,000 GALLON TANK DELIVERY HOURS: 0600-1500 CONTRACTOR MUST REPORT TO BLDG 306B. CONTRACTOR MUST PROVIDE THE NAME OF PERSON MAKING DELIVERY TO SPCC SECURITY CODE 08912. DURING NORMAL DUTY HRS USE MAIN GATE. ACCESS FROM CARLISLE PIKE (US 11). AFTER HRS USE SPORTING HILL GATE.	145,000	GL
685-68	DIESEL FUEL #2, LOW SULF (LS2)  TANK TRUCK (TT), INTO 1/10,000 GALLON BELOW GROUND TANK DELIVERY HOURS: 0630-1200 LOADING RACK METERED TICKET REQUIRED	150,000	GL

C. Clause C16.27 is hereby deleted and replaced as follows:

**C16.27 FUEL, BIODIESEL (B20) (DESC MAY 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
<b>2. Acid Number, mg KOH/g ASTM D 664</b>	<b>0.2 max.</b>	
3. Density at 15 <sup>o</sup> C	ASTM D 4052 ASTM D 1298	0.835-0.855
4. Viscosity, mm/S at 40 <sup>o</sup> C	ASTM D 445	1.3 - 4.1
5. Flashpoint, <sup>o</sup> C	ASTM D 93	Apr - Sep: 52 min.
	<b>Oct - Mar: 38 min.</b>	
6. Cloud point, <sup>o</sup> C	ASTM D 2500	see (c) below
OR		
Cold Filter Plugging Point, <sup>o</sup> C	ASTM D 6371	see (c) below
<b>7. Sulfur Content, mass % ASTM D 2622</b>	<b>0.05 max.</b>	
8. Distillation Temperature, <sup>o</sup> C	ASTM D 86	
<b>90% evaporated</b>	<b>338 max.</b>	
<b>9. Carbon Residue on 10% bottoms, mass % ASTM D 524</b>	<b>0.35 max.</b>	
<b>10. Cetane Number ASTM D 613</b>	<b>40 min.</b>	
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 <sup>o</sup> 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.

(d) **TEST REPORTS.** Test reports representative of each batch of virgin soybean or rapeseed oil blendstock, as well as test reports representative of each batch of ASTM D 975 diesel blendstock and each finished B20 biodiesel batch shall be submitted to--

ATTN: DESC-BPE, ROOM 2954  
DEFENSE ENERGY SUPPORT CENTER  
8725 JOHN J KINGMAN ROAD  
FORT BELVOIR VA 22060-6222

(DESC 52.246-9FEL)