

CONTRACT FILES

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE M - FPAF	PAGE OF PAGES 1 of 4
2. AMENDMENT/MODIFICATION NO. P00086		3. EFFECTIVE DATE 27 APR 2004		4. REQUISITION/PURCHASE REQ.NO.
6. ISSUED BY ASC/ENVK CODE		FA8623		7. ADMINISTERED BY (if other than Item 6) CODE FA8631
USAF/AFMC AERONAUTICAL SYSTEMS CENTER BLDG 8 1801 10 TH STREET ROOM 201 WRIGHT-PATTERSON AFB OH 45433-7626 JANE M. STOVALL 937-255-3187 JANE.STOVALL@WPAFB.AF.MIL		AF PLANT 42 ASC/DET 1 (AFMC) 2503 EAST AVENUE P PALMDALE CA 93550-2196		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)			(X) 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. F33657-99-C-0021 10B. DATED (SEE ITEM 13) 28 APR 2000	
PYRAMID SERVICES, INC 115 SOUTH FLORIDA AVE ALAMOGORDO NM 88310 (505) 434-0239				
MAILING DATE APR 27 2004				
CODE OTLA5 FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input 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 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: (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 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.				
12. ACCOUNTING AND APPROPRIATION DATA (if required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATION OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
(X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: () THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, 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: Special Contract Requirement AFMCPK-H8 and 52.243-2 Changes -- Cost Reimbursement D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SUBJECT: Provide authorization to purchase FY03 (Resupply Trailer and Light Tower) and FY04 (Integrated Toolcarrier) Approved Vehicles and to Incorporate Attachments 22, 23, and 24, Commercial Item Descriptions, for each vehicle, respectively. CHANGE IN ESTIMATED COST: \$0 CHANGE IN OBLIGATION: \$0				
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 SIGNER (Type or print)		
Victor L. Hurson Program Manager		JANE M. STOVALL Contracting Officer		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)		26 Apr 2004		16C. DATE SIGNED
(Signature of person authorized to sign)		BY Jane M. Stovall (Signature of Contracting Officer)		APR 27 2004

1. The above numbered contract is hereby modified in accordance with Special Contract Requirement AFMCPK-H8 "Provisions for Materials, Supplies, Parts, Utilities and Equipment" and FAR 52.243-2, "Changes", to authorize the Contractor to purchase FY 03 and 04 Financial Plan Out of Cycle Substitution approved vehicles, Resupply Trailer, Light Tower, and Integrated Toolcarrier, and to incorporate Commercial Item Descriptions for these vehicles as Attachments 22, 23, and 24, respectively. This change is being made with no increase in the estimated cost of the contract.

2. As a result of paragraph 1 above, the subject contract is specifically modified as follows:

a. SECTION B - SUPPLIES OR SERVICES:

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
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0062	CLIN Change		\$263,000.00 +\$0.00
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	Lot
<i>Noun:</i>	FY 03 VEHICLES
<i>Total Quantity:</i>	1
<i>Total Item Amount:</i>	\$263,000.00
<i>ACRN:</i>	BG
<i>NSN:</i>	N - Not Applicable
<i>Contract type:</i>	S - COST
<i>Inspection:</i>	DESTINATION
<i>Acceptance:</i>	DESTINATION
<i>FOB:</i>	DESTINATION

Descriptive Data:

The Contractor shall purchase FY 03 vehicles, including an R-11 Refueler as described in Commercial Item Description, dated 19 Jun 03, as attached in Section J, Attachment 20, Foam Resupply Trailer as described in Commercial Item Description, dated 23 Apr 04, as attached in Section J, Attachment 22 and Light Tower as described in Commercial Item Description, dated 23 Apr 04 as attached in Section J, Attachment 23. Prior to final selection of the vendor, the Contractor shall coordinate the purchase with the ACO, who has final approval authority.

Project # TTQK02CF20 is assigned to this effort.

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
0070	CLIN Change		\$278,000.00
		Lot	+\$0.00
	<i>Noun:</i>	FY 04 VEHICLES	
	<i>Total Quantity:</i>	1	
	<i>Total Item Amount:</i>	\$278,000.00	
	<i>ACRN:</i>	BP	
	<i>NSN:</i>	N - Not Applicable	
	<i>Contract type:</i>	S - COST	
	<i>Inspection:</i>	DESTINATION	
	<i>Acceptance:</i>	DESTINATION	
	<i>FOB:</i>	DESTINATION	
	<i>Descriptive Data:</i>		
	<p>The Contractor shall purchase FY 04 vehicles, including an ambulance as described in Commercial Item Description, dated 11 Dec 03, as attached in Section J, Attachment 21 and an Integrated Toolcarrier as described in Commercial Item Description, dated 25 Feb 04, as attached in Section J, Attachment 24. Prior to final selection of the vendor, the Contractor shall coordinate the purchase with the ACO, who has final approval authority.</p> <p>Project # TTQK98CF37 is assigned to this effort.</p>		

b. SECTION J - ATTACHMENTS:

The following attachment/exhibit(s) are modified in Section J:

Attachment 8 Funding Recapitulation by ACRN

The following attachment/exhibit(s) are added to Section J:

Attachment 22 COMMERCIAL ITEM DESCRIPTION, 1000 GALLON MOBILE FOAM RESUPPLY TRAILER

Attachment 23 COMMERCIAL ITEM DESCRIPTION, LIGHT TOWER

Attachment 24 COMMERCIAL ITEM DESCRIPTION, INTEGRATED TOOLCARRIER

3. This Supplemental Agreement constitutes a full and equitable adjustment and the Contractor releases the Government from any and all liability under the contract for further equitable adjustments arising out of or in connection with the changes effected hereby.

P0000#	CLIN	SubCLIN/ Info SubLine	Date	CLIN Value Change	CLIN Obligation Amount	ACRN	Cumulative ACRN Total	Cumulative Contract Value Total	Cumulative Contract Obligation Total
P00001	0001		15-Jun-00	\$30,600.00	\$30,600.00	AA	\$30,600.00	\$30,600.00	\$30,600.00
P00002	0002	00201	31-Jul-00	\$5,690,509.00	\$1,456,231.00	AB	\$1,456,231.00	\$5,721,109.00	\$1,486,831.00
P00002	0002	00202	31-Jul-00		\$792,714.00	AC	\$792,714.00	\$5,721,109.00	\$2,279,545.00
P00002	0003	00301	31-Jul-00	\$2,706,173.00	\$696,464.00	AB	\$2,152,695.00	\$8,427,282.00	\$2,976,009.00
P00002	0003	00302	31-Jul-00		\$373,041.00	AC	\$1,165,755.00	\$8,427,282.00	\$3,349,050.00
P00002	0005	00501	31-Jul-00	\$810,000.00	\$329,633.00	AB	\$2,482,328.00	\$9,237,282.00	\$3,678,683.00
P00002	0006	00601	31-Jul-00	\$190,000.00	\$77,000.00	AB	\$2,559,328.00	\$9,427,282.00	\$3,755,683.00
P00002	0007	00701	31-Jul-00	\$240,754.00	\$95,148.00	AB	\$2,654,476.00	\$9,668,036.00	\$3,850,831.00
P00002	0008	00801	31-Jul-00	\$240,754.00	\$95,148.00	AB	\$2,749,624.00	\$9,908,790.00	\$3,945,979.00
P00003	0042		21-Sep-00	\$46,800.00	\$10,000.00	AD	\$10,000.00	\$9,955,590.00	\$3,955,979.00
P00004	0006	00601	21-Sep-00	\$0.00	\$75,230.00	AB	\$2,824,854.00	\$9,955,590.00	\$4,031,209.00
P00005			8-Nov-00	\$0.00	\$0.00			\$9,955,590.00	\$4,031,209.00
P00006	0043		29-Sep-00	\$1,600.00	\$1,600.00	AE	\$1,600.00	\$9,957,190.00	\$4,032,809.00
P00007	0005	00501	29-Sep-00	\$0.00	\$100,000.00	AB	\$2,924,854.00	\$9,957,190.00	\$4,132,809.00
P00008	0044		30-Oct-00	\$287,000.00	\$287,000.00	AF	\$287,000.00	\$10,244,190.00	\$4,419,809.00
P00009	0002	00203	22-Nov-00	\$0.00	\$1,170,000.00	AG	\$1,170,000.00	\$10,244,190.00	\$5,589,809.00
P00009	0003	00303	22-Nov-00	\$0.00	\$555,000.00	AG	\$1,725,000.00	\$10,244,190.00	\$6,144,809.00
P00009	0005	00502	22-Nov-00	\$0.00	\$47,575.00	AG	\$1,772,575.00	\$10,244,190.00	\$6,192,384.00
P00009	0007	00702	22-Nov-00	\$0.00	\$49,500.00	AG	\$1,822,075.00	\$10,244,190.00	\$6,241,884.00
P00009	0008	00802	22-Nov-00	\$0.00	\$49,500.00	AG	\$1,871,575.00	\$10,244,190.00	\$6,291,384.00
P00010	0003	00304	28-Nov-00	\$0.00	\$130,000.00	AH	\$130,000.00	\$10,244,190.00	\$6,421,384.00
P00011	0002	00203	22-Jan-01	\$0.00	\$2,271,564.00	AG	\$4,143,139.00	\$10,244,190.00	\$8,692,948.00
P00011	0003	00303	22-Jan-01	\$0.00	\$951,668.00	AG	\$5,094,807.00	\$10,244,190.00	\$9,644,616.00
P00011	0005	00502	22-Jan-01	\$0.00	\$332,792.00	AG	\$5,427,599.00	\$10,244,190.00	\$9,977,408.00

P0000#	CLIN	SubCLIN/ Info SubLine	Date	CLIN Value Change	CLIN Obligation Amount	ACRN	Cumulative ACRN Total	Cumulative Contract Value Total	Cumulative Contract Obligation Total
P00011	0006	00602	22-Jan-01	\$0.00	\$37,770.00	AG	\$5,465,369.00	\$10,244,190.00	\$10,015,178.00
P00011	0007	00702	22-Jan-01	\$0.00	\$96,106.00	AG	\$5,561,475.00	\$10,244,190.00	\$10,111,284.00
P00011	0008	00802	22-Jan-01	\$0.00	\$96,106.00	AG	\$5,657,581.00	\$10,244,190.00	\$10,207,390.00
P00012			19-Mar-01		\$0.00		\$0.00	\$10,244,190.00	\$10,207,390.00
P00013	0040	004001	29-Mar-01	\$116,733.00	\$116,733.00	AJ	\$116,733.00	\$10,360,923.00	\$10,324,123.00
P00013	0040	004002	29-Mar-01	\$18,571.00	\$18,571.00	AK	\$18,571.00	\$10,379,494.00	\$10,342,694.00
P00014	0045		9-Apr-01	\$1,000.00	\$1,000.00	AM	\$1,000.00	\$10,380,494.00	\$10,343,694.00
P00015	0046		23-Apr-01	\$4,929.00	\$4,929.00	AL	\$4,929.00	\$10,385,423.00	\$10,348,623.00
P00016			20-Jun-01		\$0.00		\$0.00	\$10,385,423.00	\$10,348,623.00
P00017	0047			\$8,564.00	\$8,564.00	AP	\$8,564.00	\$10,393,987.00	\$10,357,187.00
P00018			29-Jun-00		\$0.00		\$0.00	\$10,393,987.00	\$10,357,187.00
P00019	0009		29-Jun-00	\$6,006,242.00				\$16,400,229.00	\$10,357,187.00
P00019	0009	000901	29-Jun-00		\$1,005,177.00	AN	\$1,005,177.00	\$16,400,229.00	\$11,362,364.00
P00019	0009	000902	29-Jun-00		\$1,697,632.00	AG	\$7,355,213.00	\$16,400,229.00	\$13,059,996.00
P00019	0010		29-Jun-00	\$2,955,600.00	\$1,355,143.00	AG	\$8,710,356.00	\$19,355,829.00	\$14,415,139.00
P00019	0011		29-Jun-00	\$810,000.00	\$374,896.00	AG	\$9,085,252.00	\$20,165,829.00	\$14,790,035.00
P00019	0012		29-Jun-00	\$190,000.00	\$90,626.00	AG	\$9,175,878.00	\$20,355,829.00	\$14,880,661.00
P00019	0013		29-Jun-00	\$262,310.00	\$120,269.00	AG	\$9,296,147.00	\$20,618,139.00	\$15,000,930.00
P00019	0014		29-Jun-00	\$262,310.00	\$120,269.00	AG	\$9,416,416.00	\$20,880,449.00	\$15,121,199.00
P00020	0039	0039AA	28-Sep-01	\$46,475.00	\$46,475.00	AP	\$55,039.00	\$20,926,924.00	\$15,167,674.00
P00021			6-Aug-01		\$0.00			\$20,926,924.00	\$15,167,674.00
P00022	0042	004202	26-Jul-01		\$15,000.00	AQ	\$15,000.00	\$20,926,924.00	\$15,182,674.00
P00024	0009	000902	24-Sep-01		\$400,000.00	AG	\$9,816,416.00	\$20,926,924.00	\$15,582,674.00
P00024	0010		24-Sep-01		\$125,000.00	AG	\$9,941,416.00	\$20,926,924.00	\$15,707,674.00

P0000#	CLIN	SubCLIN/ Info SubLine	Date	CLIN Value Change	CLIN Obligation Amount	ACRN	Cumulative ACRN Total	Cumulative Contract Value Total	Cumulative Contract Obligation Total
P00024	0011		24-Sep-01		\$239,695.00	AG	\$10,181,111.00	\$20,926,924.00	\$15,947,369.00
P00024	0012	001201	24-Sep-01		\$55,000.00	AG	\$10,236,111.00	\$20,926,924.00	\$16,002,369.00
P00024	0012	001202	24-Sep-01		\$9,321.00	AR	\$9,321.00	\$20,926,924.00	\$16,011,690.00
P00024	0013		24-Sep-01		\$11,000.00	AG	\$10,247,111.00	\$20,926,924.00	\$16,022,690.00
P00024	0014		24-Sep-01		\$11,000.00	AG	\$10,258,111.00	\$20,926,924.00	\$16,033,690.00
P00025	0048		27-Sep-01	\$319,686.00	\$319,686.00	AK	\$338,257.00	\$21,246,610.00	\$16,353,376.00
P00026	0011		28-Sep-01		\$11,000.00	AG	\$10,269,111.00	\$21,246,610.00	\$16,364,376.00
P00027			12-Oct-01		\$0.00			\$21,246,610.00	\$16,364,376.00
P00028	0009	000902	6-Nov-01	\$1,171,737.00	\$142,031.00	AG	\$10,411,142.00	\$22,418,347.00	\$16,506,407.00
P00028	0010		6-Nov-01	\$30,008.00	(\$130,484.00)	AG	\$10,280,658.00	\$22,448,355.00	\$16,375,923.00
P00028	0011		6-Nov-01		\$0.00	AG	\$10,280,658.00	\$22,448,355.00	\$16,375,923.00
P00028	0012	001201	6-Nov-01		\$11,313.00	AG	\$10,291,971.00	\$22,448,355.00	\$16,387,236.00
P00028	0013		6-Nov-01	\$2,788.00	(\$11,430.00)	AG	\$10,280,541.00	\$22,451,143.00	\$16,375,806.00
P00028	0014		6-Nov-01	\$2,788.00	(\$11,430.00)	AG	\$10,269,111.00	\$22,453,931.00	\$16,364,376.00
P00030	0002	000203	29-Nov-01	(\$14,281.00)	(\$14,281.00)	AG	\$10,254,830.00	\$22,439,650.00	\$16,350,095.00
P00030	0009	000903	29-Nov-01		\$539,000.00	AS	\$539,000.00	\$22,439,650.00	\$16,889,095.00
P00030	0010		29-Nov-01		(\$1,349,659.00)	AG	\$8,905,171.00	\$22,439,650.00	\$15,539,436.00
P00030	0010	001001	29-Nov-01		\$1,349,659.00	AG	\$10,254,830.00	\$22,439,650.00	\$16,889,095.00
P00030	0010	001002	29-Nov-01		\$224,000.00	AS	\$763,000.00	\$22,439,650.00	\$17,113,095.00
P00030	0011		29-Nov-01		(\$625,591.00)	AG	\$9,629,239.00	\$22,439,650.00	\$16,487,504.00
P00030	0011	001101	29-Nov-01		\$625,591.00	AG	\$10,254,830.00	\$22,439,650.00	\$17,113,095.00
P00030	0011	001102	29-Nov-01		\$104,741.00	AS	\$867,741.00	\$22,439,650.00	\$17,217,836.00
P00030	0012	001201	29-Nov-01		\$14,281.00	AG	\$10,269,111.00	\$22,439,650.00	\$17,232,117.00
P00030	0012	001203	29-Nov-01		\$9,459.00	AS	\$877,200.00	\$22,439,650.00	\$17,241,576.00

P0000#	CLIN	SubCLIN/ Info SubLine	Date	CLIN Value Change	CLIN Obligation Amount	ACRN	Cumulative ACRN Total	Cumulative Contract Value Total	Cumulative Contract Obligation Total
P00030	0013		29-Nov-01		(\$119,839.00)	AG	\$10,149,272.00	\$22,439,650.00	\$17,121,737.00
P00030	0013	001301	29-Nov-01		\$119,839.00	AG	\$10,269,111.00	\$22,439,650.00	\$17,241,576.00
P00030	0013	001302	29-Nov-01		\$19,900.00	AS	\$897,100.00	\$22,439,650.00	\$17,261,476.00
P00030	0014		29-Nov-01		(\$119,839.00)	AG	\$10,149,272.00	\$22,439,650.00	\$17,141,637.00
P00030	0014	001401	29-Nov-01		\$119,839.00	AG	10,269,111.00	\$22,439,650.00	\$17,261,476.00
P00030	0014	001402	29-Nov-01		\$19,900.00	AS	917,000.00	\$22,439,650.00	\$17,281,376.00
P00031	0009	000903	8-Jan-02		\$653,359.00	AS	1,570,359.00	\$22,439,650.00	\$17,934,735.00
P00031	0010	001002	8-Jan-02		\$277,112.00	AS	1,847,471.00	\$22,439,650.00	\$18,211,847.00
P00031	0011	001102	8-Jan-02		\$79,668.00	AS	1,927,139.00	\$22,439,650.00	\$18,291,515.00
P0031	0012	001201	8-Jan-02		(\$112,473.00)	AG	10,156,638.00	\$22,439,650.00	\$18,179,042.00
P00031	0012	001203	8-Jan-02		\$112,473.00	AS	2,039,612.00	\$22,439,650.00	\$18,291,515.00
P00031	0013	001302	8-Jan-02		\$23,694.00	AS	2,063,306.00	\$22,439,650.00	\$18,315,209.00
P00031	0014	001402	8-Jan-02		\$23,694.00	AS	2,087,000.00	\$22,439,650.00	\$18,338,903.00
P00031	0049	004901	8-Jan-02	\$112,473.00	\$112,473.00	AG	10,269,111.00	\$22,552,123.00	\$18,451,376.00
P00031	0049	004902	8-Jan-02	\$20,000.00	\$20,000.00	AS	2,107,000.00	\$22,572,123.00	\$18,471,376.00
P00023	0051		25-Jan-02	\$532,000.00	\$532,000.00	AU	532,000.00	\$23,104,123.00	\$19,003,376.00
P00032	0050		6-Feb-02	\$7,000.00	\$7,000.00	AT	7,000.00	\$23,111,123.00	\$19,010,376.00
P00033	0009	000903	13-Feb-02		\$1,832,997.00	AS	\$3,919,997.00	\$23,111,123.00	\$20,843,373.00
P00033	0010	001002	13-Feb-02		\$627,200.00	AS	\$4,547,197.00	\$23,111,123.00	\$21,470,573.00
P00033	0010	001003	13-Feb-02		\$130,000.00	AW	130,000.00	\$23,111,123.00	\$21,600,573.00
P00033	0011	001102	13-Feb-02	\$223,178.00	\$223,178.00	AS	\$4,770,375.00	\$23,334,301.00	\$21,823,751.00
P00033	0012	001202	13-Feb-02		(\$9,321.00)	AR	\$0.00	\$23,334,301.00	\$21,814,430.00
P00033	0012	001203	13-Feb-02		\$9,321.00	AS	\$4,779,696.00	\$23,334,301.00	\$21,823,751.00
P00033	0013	001302	13-Feb-02		\$68,125.00	AS	\$4,847,821.00	\$23,334,301.00	\$21,891,876.00

P0000#	CLIN	SubCLIN/ Info SubLine	Date	CLIN Value Change	CLIN Obligation Amount	ACRN	Cumulative ACRN Total	Cumulative Contract Value Total	Cumulative Contract Obligation Total
P00033	0014	001402	13-Feb-02		\$68,125.00	AS	\$4,915,946.00	\$23,334,301.00	\$21,960,001.00
P00033	0049	004902	13-Feb-02	(\$6,946.00)	(\$6,946.00)	AS	\$4,909,000.00	\$23,327,355.00	\$21,953,055.00
P00033	0052	005201	13-Feb-02	\$73,761.00	\$73,761.00	AV	\$73,761.00	\$23,401,116.00	\$22,026,816.00
P00033	0052	005202	13-Feb-02	\$9,321.00	\$9,321.00	AR	9,321.00	\$23,410,437.00	\$22,036,137.00
P00034	0053	005301	29-Mar-02	\$356,146.00	\$356,146.00	AK	694,403.00	\$23,766,583.00	\$22,392,283.00
P00034	0053	005302	29-Mar-02	\$30,969.00	\$30,969.00	AX	30,969.00	\$23,797,552.00	\$22,423,252.00
P00035	0009	000903	25-Apr-02		\$907,783.00	AS	\$5,816,783.00	\$23,797,552.00	\$23,331,035.00
P00035	0010	001002	25-Apr-02		\$377,637.00	AS	\$6,194,420.00	\$23,797,552.00	\$23,708,672.00
P00035	0013	001302	25-Apr-02		\$33,540.00	AS	\$6,227,960.00	\$23,797,552.00	\$23,742,212.00
P00035	0014	001402	25-Apr-02		\$33,540.00	AS	\$6,261,500.00	\$23,797,552.00	\$23,775,752.00
P00035	0052	005201	25-Apr-02	\$25,835.00	\$25,835.00	AV	\$99,596.00	\$23,823,387.00	\$23,801,587.00
P00036	Admin- Fix Fund Cite		25-Apr-02					\$23,823,387.00	\$23,801,587.00
P00037	0012	001201	31-May-02		\$6,496.00	AG	\$10,275,607.00	\$23,823,387.00	\$23,808,083.00
P00037	0012	001203	31-May-02		(\$6,946.00)	AS	\$6,254,554.00	\$23,823,387.00	\$23,801,137.00
P00037	0012	001203	31-May-02		\$450.00	AS	\$6,255,004.00	\$23,823,387.00	\$23,801,587.00
P00037	0049	004901	31-May-02		(\$6,496.00)	AG	10,269,111.00	\$23,823,387.00	\$23,795,091.00
P00037	4902	004902	31-May-02	\$450.00	\$6,946.00	AS	6,261,950.00	\$23,823,837.00	\$23,802,037.00
P00038	0054	0054		\$590,000.00	\$590,000.00	AY	590,000.00	\$24,413,837.00	\$24,392,037.00
P00039	0006	00602	25-Jul-02	(\$4,311.57)	(\$4,311.57)	AG	10,264,799.43	\$24,409,525.43	\$24,387,725.43
P00039	0042		25-Jul-02	\$0.00	\$0.00			\$24,409,525.43	\$24,387,725.43
P00039	0045		25-Jul-02	(\$1,000.00)	(\$1,000.00)	AM	0.00	\$24,408,525.43	\$24,386,725.43
P00039	0050		25-Jul-02	(\$5,000.00)	(\$5,000.00)	AT	2,000.00	\$24,403,525.43	\$24,381,725.43
P00040	0015	001501	28-Jun-02	\$5,973,639.00	\$526,371.00	AS	\$6,788,321.00	\$30,377,164.43	\$24,908,096.43
P00040	0015	001502	28-Jun-02		\$789,995.00	AZ	\$789,995.00	\$30,377,164.43	\$25,698,091.43

P0000#	CLIN	SubCLIN/ Info SubLine	Date	CLIN Value Change	CLIN Obligation Amount	ACRN	Cumulative ACRN Total	Cumulative Contract Value Total	Cumulative Contract Obligation Total
P00040	0016	001601	28-Jun-02	\$2,962,830.00	\$329,111.00	AS	\$7,117,432.00	\$33,339,994.43	\$26,027,202.43
P00040	0016	001602	28-Jun-02		\$323,889.00	AZ	1,113,884.00	\$33,339,994.43	\$26,351,091.43
P00040	0017		28-Jun-02	\$810,000.00	\$432,793.00	AS	\$7,550,225.00	\$34,149,994.43	\$26,783,884.43
P00040	0018		28-Jun-02	\$190,000.00	\$95,000.00	AS	\$7,645,225.00	\$34,339,994.43	\$26,878,884.43
P00040	0049	004902	28-Jun-02	(\$20,000.00)	(\$20,000.00)	AS	7,625,225.00	\$34,319,994.43	\$26,858,884.43
P00041	0055		12-Aug-02	\$20,000.00	\$20,000.00	BA	20,000.00	\$34,339,994.43	\$26,878,884.43
P00042			13-Aug-02		\$0.00			\$34,339,994.43	\$26,878,884.43
P00043			13-Aug-02		\$0.00			\$34,339,994.43	\$26,878,884.43
P00044	0056		11-Sep-02	\$20,000.00	\$20,000.00	BB	20,000.00	\$34,359,994.43	\$26,898,884.43
P00045	0044		12-Sep-02	(\$7,000.00)	(\$7,000.00)	AF	280,000.00	\$34,352,994.43	\$26,891,884.43
P00045	0057		12-Sep-02	\$7,000.00	\$7,000.00	AF	287,000.00	\$34,359,994.43	\$26,898,884.43
P00046	0015	001501	16-Sep-02		\$1,570,925.00	AS	\$9,196,150.00	\$34,359,994.43	\$28,469,809.43
P00046	0016	001601	16-Sep-02		\$779,000.00	AS	\$9,975,150.00	\$34,359,994.43	\$29,248,809.43
P00046	0018		16-Sep-02		\$3,000.00	AS	\$9,978,150.00	\$34,359,994.43	\$29,251,809.43
P00047	0058		27-Sep-02	\$343,484.00	\$343,484.00	AX	374,453.00	\$34,703,478.43	\$29,595,293.43
P00048	0052	005201	24-Sep-02	\$14,205.00	\$14,205.00	AV	113,801.00	\$34,717,683.43	\$29,609,498.43
P00049	0015	001501	27-Sep-02		\$48,000.00	AS	\$10,026,150.00	\$34,717,683.43	\$29,657,498.43
P00049	0016	001601	27-Sep-02		\$24,000.00	AS	\$10,050,150.00	\$34,717,683.43	\$29,681,498.43
P00049	0017		27-Sep-02		\$95,000.00	AS	\$10,145,150.00	\$34,717,683.43	\$29,776,498.43
P00049	0018		27-Sep-02		\$5,200.00	AS	\$10,150,350.00	\$34,717,683.43	\$29,781,698.43
P00050			30-Sep-02		\$0.00			\$34,717,683.43	\$29,781,698.43
P00051	0015	001503	14-Nov-02		\$655,500.00	BC	\$655,500.00	\$34,717,683.43	\$30,437,198.43
P00051	0016	001603	14-Nov-02		\$325,000.00	BC	\$980,500.00	\$34,717,683.43	\$30,762,198.43
P00051	0017		14-Nov-02		(\$527,793.00)	AS	\$9,622,557.00	\$34,717,683.43	\$30,234,405.43

P0000#	CLIN	SubCLIN/ Info SubLine	Date	CLIN Value Change	CLIN Obligation Amount	ACRN	Cumulative ACRN Total	Cumulative Contract Value Total	Cumulative Contract Obligation Total
P00051	0017	001701	14-Nov-02		\$527,793.00	AS	\$10,150,350.00	\$34,717,683.43	\$30,762,198.43
P00051	0017	001702	14-Nov-02		\$118,500.00	BC	\$1,099,000.00	\$34,717,683.43	\$30,880,698.43
P00051	0018		14-Nov-02		(\$103,200.00)	AS	\$10,047,150.00	\$34,717,683.43	\$30,777,498.43
P00051	0018	001801	14-Nov-02		\$103,200.00	AS	10,150,350.00	\$34,717,683.43	\$30,880,698.43
P00051	0018	001802	14-Nov-02		\$11,000.00	BC	\$1,110,000.00	\$34,717,683.43	\$30,891,698.43
P00052	0015	001503	24-Dec-02	\$1,794,168.00	\$1,115,000.00	BC	\$2,225,000.00	\$36,511,851.43	\$32,006,698.43
P00052	0016	001603	24-Dec-02	\$226,462.00	\$150,000.00	BC	\$2,375,000.00	\$36,738,313.43	\$32,156,698.43
P00052	0018	001802	24-Dec-02		\$5,000.00	BC	\$2,380,000.00	\$36,738,313.43	\$32,161,698.43
P00053	0059		3-Feb-03	\$5,000.00	\$5,000.00	BD	\$5,000.00	\$36,743,313.43	\$32,166,698.43
P00053	0060		3-Feb-03	\$2,500.00	\$2,500.00	BE	2,500.00	\$36,745,813.43	\$32,169,198.43
P00054			13-Jan-03		\$0.00			\$36,745,813.43	\$32,169,198.43
P00055	0015	001503	4-Feb-03		\$965,000.00	BC	\$3,345,000.00	\$36,745,813.43	\$33,134,198.43
P00055	0016	001603	4-Feb-03		\$397,300.00	BC	\$3,742,300.00	\$36,745,813.43	\$33,531,498.43
P00055	0018	001802	4-Feb-03		\$17,700.00	BC	\$3,760,000.00	\$36,745,813.43	\$33,549,198.43
P00056	Admin - Correct Pr		27-Feb-03		\$0.00			\$36,745,813.43	\$33,549,198.43
P00057	0015	001503	20-Mar-03		\$1,808,693.00	BC	\$5,568,693.00	\$36,745,813.43	\$35,357,891.43
P00057	0016	001603	20-Mar-03		\$743,000.00	BC	\$6,311,693.00	\$36,745,813.43	\$36,100,891.43
P00057	0017	001702	20-Mar-03		\$163,707.00	BC	\$6,475,400.00	\$36,745,813.43	\$36,264,598.43
P00057	0018	001802	20-Mar-03		\$53,100.00	BC	\$6,528,500.00	\$36,745,813.43	\$36,317,698.43
P00058	0059		11-Apr-03	\$5,000.00	\$5,000.00	BD	\$10,000.00	\$36,750,813.43	\$36,322,698.43
P00059	0061	006101	30-Apr-03	\$298,000.00	\$298,000.00	AX	9,494,150.00	\$37,048,813.43	\$36,620,698.43
P00059	0061	006102	30-Apr-03	\$74,359.00	\$74,359.00	BF	\$74,359.00	\$37,123,172.43	\$36,695,057.43
P00060	0015	001503	30-Apr-03		\$288,323.00	BC	\$6,816,823.00	\$36,750,813.43	\$36,983,380.43
P00060	0016	001603	30-Apr-03		\$117,992.00	BC	6,934,815.00	\$36,750,813.43	\$37,101,372.43

P0000#	CLIN	SubCLIN/ Info SubLine	Date	CLIN Value Change	CLIN Obligation Amount	ACRN	Cumulative ACRN Total	Cumulative Contract Value Total	Cumulative Contract Obligation Total
P00061	0021	002101	27-Jun-03	\$6,039,696.00	\$1,302,301.00	BC	8,237,116.00	\$42,790,509.43	\$38,403,673.43
P00061	0021	002102	27-Jun-03		\$1,005,177.00	BH	1,005,177.00	\$42,790,509.43	\$39,408,850.43
P00061	0022		27-Jun-03	\$2,977,757.00	\$1,127,925.00	BC	9,365,041.00	\$45,768,266.43	\$40,536,775.43
P00061	0023		27-Jun-03	\$810,000.00	\$309,500.00	BC	9,674,541.00	\$46,578,266.43	\$40,846,275.43
P00061	0024		27-Jun-03	\$190,000.00	\$72,600.00	BC	\$9,747,141.00	\$46,768,266.43	\$40,918,875.43
P00062	0062		24-Jun-03	\$263,000.00	\$263,000.00	BG	\$263,000.00	\$47,031,266.43	\$41,181,875.43
P00063			13-Jun-03	\$0.00	\$0.00			\$47,031,266.43	\$41,181,875.43
P00064	0063		27-Jun-03	\$2,000.00	\$2,000.00	BJ	\$2,000.00	\$47,033,266.43	\$41,183,875.43
P00065			30-Jun-03	\$0.00	\$0.00			\$47,033,266.43	\$41,183,875.43
P00066			16-Jul-03	\$0.00	\$0.00			\$47,033,266.43	\$41,183,875.43
P00067	0021	002101	28-Jul-03	\$0.00	\$1,067,250.00	BC	\$10,814,391.00	\$47,033,266.43	\$42,251,125.43
P00067	0022		28-Jul-03	\$0.00	\$526,000.00	BC	\$11,340,391.00	\$47,033,266.43	\$42,777,125.43
P00067	0023		28-Jul-03	\$0.00	\$143,250.00	BC	\$11,483,641.00	\$47,033,266.43	\$42,920,375.43
P00067	0024		28-Jul-03	\$0.00	\$33,625.00	BC	\$11,517,266.00	\$47,033,266.43	\$42,954,000.43
P00068	0021	002102	8-Sep-03	\$0.00	\$115,750.00	BH	\$1,120,927.00	\$47,033,266.43	\$43,069,750.43
P00068	0022		8-Sep-03	\$0.00	(\$1,663,925.00)	BC	\$9,853,341.00	\$47,033,266.43	\$41,405,825.43
P00068	0022	002201	8-Sep-03	\$0.00	\$1,663,925.00	BC	\$11,517,266.00	\$47,033,266.43	\$43,069,750.43
P00068	0022	002202	8-Sep-03	\$0.00	\$56,800.00	BH	\$1,177,727.00	\$47,033,266.43	\$43,126,550.43
P00068	0023		8-Sep-03	\$0.00	(\$452,750.00)	BC	\$11,064,516.00	\$47,033,266.43	\$42,673,800.43
P00068	0023	002301	8-Sep-03	\$0.00	\$452,750.00	BC	\$11,517,266.00	\$47,033,266.43	\$43,126,550.43
P00068	0023	002302	8-Sep-03	\$0.00	\$15,400.00	BH	\$1,193,127.00	\$47,033,266.43	\$43,141,950.43
P00068	0024		8-Sep-03	\$0.00	(\$106,225.00)	BC	\$11,411,041.00	\$47,033,266.43	\$43,035,725.43
P00068	0024	002401	8-Sep-03	\$0.00	\$106,225.00	BC	\$11,517,266.00	\$47,033,266.43	\$43,141,950.43
P00068	0024	002402	8-Sep-03	\$0.00	\$3,590.00	BH	1,196,717.00	\$47,033,266.43	\$43,145,540.43

P0000#	CLIN	SubCLIN/ Info SubLine	Date	CLIN Value Change	CLIN Obligation Amount	ACRN	Cumulative ACRN Total	Cumulative Contract Value Total	Cumulative Contract Obligation Total
P00068	0064		8-Sep-03	\$28,605.00	\$28,605.00	BK	28,605.00	\$47,061,871.43	\$43,174,145.43
P00069	0065	006501	25-Sep-03	\$385,288.00	\$385,288.00	BF	459,647.00	\$47,447,159.43	\$43,559,433.43
P00070	0021	002101	11-Sep-03		\$474,000.00	BC	\$11,991,266.00	\$47,447,159.43	\$44,033,433.43
P00070	0022	002201	11-Sep-03		\$234,000.00	BC	\$12,225,266.00	\$47,447,159.43	\$44,267,433.43
P00070	0023	002301	11-Sep-03		\$186,220.00	BC	\$12,411,486.00	\$47,447,159.43	\$44,453,653.43
P00070	0024	002401	11-Sep-03		\$14,900.00	BC	\$12,426,386.00	\$47,447,159.43	\$44,468,553.43
P00070	0066		11-Sep-03	\$2,000.00	\$2,000.00	BL	2,000.00	\$47,449,159.43	\$44,470,553.43
P00071	0067		19-Sep-03	\$10,000.00	\$10,000.00	BD	20,000.00	\$47,459,159.43	\$44,480,553.43
P00072	0023	002301	29-Sep-03	\$190,000.00	\$40,975.00	BC	\$12,467,361.00	\$47,649,159.43	\$44,521,528.43
P00073	0015	001503	30-Sep-03	\$3,216.00	\$3,216.00	BC	\$12,470,577.00	\$47,652,375.43	\$44,524,744.43
P00073	0016	001603	30-Sep-03	(\$13,989.00)	(\$13,989.00)	BC	\$12,456,588.00	\$47,638,386.43	\$44,510,755.43
P00073	0021	002101	30-Sep-03	\$2,741.00	\$3,000.00	BC	\$12,459,588.00	\$47,641,127.43	\$44,513,755.43
P00073	0022	002201	30-Sep-03		\$400.00	BC	\$12,459,988.00	\$47,641,127.43	\$44,514,155.43
P00073	0024	002401	30-Sep-03		\$7,373.00	BC	\$12,467,361.00	\$47,641,127.43	\$44,521,528.43
P00074	0015	001503	3-Nov-03	(\$5,259.74)	(\$5,259.74)	BC	\$12,462,101.26	\$47,635,867.69	\$44,516,268.69
P00074	0023	002301	3-Nov-03		\$5,259.74	BC	\$12,467,361.00	\$47,635,867.69	\$44,521,528.43
P00075	0068		3-Nov-03	\$10,000.00	\$10,000.00	BM	\$10,000.00	\$47,645,867.69	\$44,531,528.43
P00076	0023	002301	18-Nov-03	(\$5,500.00)	(\$5,500.00)	BC	\$12,461,861.00	\$47,640,367.69	\$44,526,028.43
P00077	0021		5-Dec-03	\$584,745.00			\$12,461,861.00	\$48,225,112.69	\$44,526,028.43
P00077	0023	002301	5-Dec-03		(\$20,000.00)	BC	\$12,441,861.00	\$48,225,112.69	\$44,506,028.43
P00077	0069		5-Dec-03	\$20,000.00	\$20,000.00	BC	12,461,861.00	\$48,245,112.69	\$44,526,028.43
P00078	0021	001203	15-Dec-03		\$1,698,000.00	BN	\$1,698,000.00	\$48,245,112.69	\$46,224,028.43
P00078	0022	002203	15-Dec-03		\$590,500.00	BN	\$2,288,500.00	\$48,245,112.69	\$46,814,528.43
P00078	0023	002303	15-Dec-03		\$180,945.00	BN	\$2,469,445.00	\$48,245,112.69	\$46,995,473.43

P0000#	CLIN	SubCLIN/ Info SubLine	Date	CLIN Value Change	CLIN Obligation Amount	ACRN	Cumulative ACRN Total	Cumulative Contract Value Total	Cumulative Contract Obligation Total
P00078	0024	002403	15-Dec-03		\$30,555.00	BN	\$2,500,000.00	\$48,245,112.69	\$47,026,028.43
P00080	0070			\$278,000.00	\$278,000.00	BP	\$278,000.00	\$48,523,112.69	\$47,304,028.43
P00081	0021			(\$68,552.00)			\$0.00	\$48,523,112.69	\$47,304,028.43
P00081	0023			\$72,600.00			\$0.00	\$48,523,112.69	\$47,304,028.43
P00081	0021	002103		\$1,281,971.00	\$1,351,060.74	BN	\$3,851,060.74	\$49,874,173.43	\$48,655,089.17
P00081	0022	002203		\$354,873.00	\$436,632.00	BN	\$4,287,692.74	\$50,310,805.43	\$49,091,721.17
P00081	0023	002303			\$103,450.26	BN	\$4,391,143.00	\$50,414,255.69	\$49,195,171.43
P00081	0024	002403			\$27,357.00	BN	\$4,418,500.00	\$50,441,612.69	\$49,222,528.43
P00082	0071			\$5,000.00	\$5,000.00	BQ	\$5,000	\$50,446,612.69	\$49,227,528.43
P00083	0072			\$376,304.00	\$376,304.00	BF	835,951.00	\$50,822,916.69	\$49,603,832.43
P00085	0021	002104		\$767,201.00	\$767,201.00	BR	\$767,201.00	\$51,590,117.69	\$50,371,033.43
P00085	0022	002204		\$326,180.00	\$326,180.00	BR	\$1,093,381.00	\$51,916,297.69	\$50,697,213.43
P00086	0062						\$0	\$51,916,297.69	\$50,697,213.43
P00086	0070						\$0	\$51,916,297.69	\$50,697,213.43

COMMERCIAL ITEM DESCRIPTION
1000 GALLON MOBILE FOAM RESUPPLY TRAILER

23 April 2004

The following specifications are for a mobile foam resupply trailer of 1000 gallon capacity with various options and accessories for use as a firefighting unit.

The trailer is intended to be towed by a support vehicle to the scene of a fire and/or various types of spills for the purpose of resupplying and/or proportioning foam to fire rescue vehicles. A one person operation shall allow for the proportioning and resupply of foam to the operating vehicles at the scene of major incidents.

Product shall be completely brand new and of the best quality materials currently used in commercial practice for emergency vehicle fabrication. Materials that deteriorate when exposed to sunlight, extreme weather or operational conditions shall not be used or shall have a means of protection against such conditions that will not prevent compliance with performance standards. Protective coatings that chip, crack, or scale with age or extremes of climatic conditions or on exposure to heat or cold shall not be used.

Vendor shall demonstrate that the product offered for this bid is a proven type foam resupply trailer of a type that has been manufactured for (and successfully used by) other emergency services.

Prototypes (one of a kind) foam resupply trailers will not be accepted.

The foam resupply trailer offered shall comply with all applicable and Motor Carrier Safety Regulations with regard to size, weight, brakes, lights, load rating and balance. Conformance must meet FMVSS #108, FMVSS #155, FMVSS #120 and FMVSS #135 as stated in FCR title 49.

Weight shall be distributed as equally as practical over the axles and tires of the fully loaded vehicle. Fully loaded units that are unbalanced during stand alone or while being towed will not be accepted. Tires shall be equal axle weight rating.

The use of proven nonmetallic materials in lieu of metal is permitted if that use contributes to reduced weight, lower cost of less maintenance and there is no degradation in performance or increase in long term operations and maintenance costs.

Foam resupply trailer must be constructed with lowest possible center of gravity when fully loaded with foam concentrate, tools and appliances specified herein. Performance must be commensurate with smooth and safe highway and moderate off highway operation. Proper weight and balance configuration is absolutely essential.

A. TRAILER UNIT

The frame of the unit shall be constructed of six inch steel channel material with three inch channel cross members eighteen inches on center. The design form a "cradle" in which the polypropylene tank shall rest. Steel diamond plate fenders and running boards shall be provided. The running boards and fenders shall be attached to the six-inch frame with a continuous weld to provide a structurally sound unit. Aluminum tread plate overlay shall be installed on deck areas used for transfer pumps, generators or other equipment.

1. SIZE:

Not to exceed (approximately) 208' long, 92" wide, 75" high when measured from ground level. Optional equipment may extend beyond these dimensions.

2. AXLES:

Two each, minimum of 7,000 pound axels. Each wheel is to have individual 12' x 2' electric brakes. E-Z lube oil bath hubs shall be provided on all wheels. Four chrome hubs shall be included on the unit when wheels are mounted.

3. TIRES:

Minimum of four 750R16LT 14 ply radial tires shall be provided.

4. TOW HOOK:

Pintle type with adjustable height hitch shall be provided.

5. STAND:

Heavy duty 2,000 pound crank down detachable type to support stand alone trailer operations.

6. LIGHTS

One six inch white platform work light.
D.O.T. standard brake lights and directional signals.

B. FOAM TANK SPECIFICATIONS

The tank shall have a capacity of 1000 U.S. Gallons

1. CONSTRUCTION

The tank shall be constructed out of 1/2" thick natural or white PS III polypropylene. PS III polypropylene is a non-corrosive, U.V. stabilized thermo-plastic. The tank shall be equipped with a removable lifting eye. All parts of the tank shall be welded inside and outside using a microprocessor-controlled extrusion welding process. This process shall insure a 100% weld penetration through the thickness of the plastic for maximum strength and durability. All exposed edges on the tank shall be rounded off to a 1/4" radius. The tank shall have a translucent internal sight gauge.

The baffles (swash partitions) shall be made out of 3/8" natural PS III polypropylene. They shall be designed to permit maximum foam airflow throughout the tank. The design of the baffles shall allow the tank to twist and flex with the trailer adding to the integrity and durability of the tank. The baffles shall be interlocking with each other. The baffles shall be welded to each other as well as to the tanks sides, ends and bottom of the tank. The baffles shall be internally connected to the top of the tank. This will keep the tank top ridged when fast filling. The top of the tank shall be smooth with the exception of the lifting eyes, hose tray or toolbox. The lifting eyes shall be threaded into polypropylene dowels, which are flush with the top of the tank. The dowels shall be bolted to the baffles with stainless steel bolts and shall be designed to a minimum 3-1 safety factor.

2. FILL TOWER AND COVER

The tank shall have a manual fill tower with a removable fill stack. The fill tower shall have a hinged cover with a pressure/vacuum vent, solid rubber and stainless steel latch. The fill tower shall be constructed of 1/2" PS III Polypropylene. The fill tower shall house an expansion dome to allow compression of foam bubbles while filling. The fill tower shall be designed to drain two five-gallon pails.

3. SUMP

The tank shall have a sump. The sump shall have a 3' NPT outlet on the bottom with drain-clean out plug. The sump shall have an anti-swirl plate welded approximately 3/4' above it. The tank shall have a suction tube to the sump. The suction tube shall be 3' in diameter and shall be constructed of schedule 40 polypropylene pipes with fusion-welded joints. The suction tube shall extend down through the anti-swirl plate into the sump, and shall be welded to the anti-swirl plate.

4. OUTLETS

There will be two (2) standard tank outlets: One for tank-to-pump suction line which shall be a minimum of 2 1/2" n.p.t. coupling; and one for a tank fill line which shall be a minimum of 1 1/2" n.p.t. coupling. The fill shall be plumbed to the bottom of the tank to allow for fast filling while minimizing aeration and churning of the foam.

5. MOUNTING INSTRUCTIONS

The tank shall be mounted in a trailer frame forming a cradle for the tank. The tank shall have two internal mounting blocks to secure the tank to the trailer. The cradle shall be fabricated such that it supports the entire perimeter of the bottom of the tank. Also, the cradle should prevent side to side and front to back movement of the tank. The tank shall have room inside the frame to allow for thermal expansion. The base shall have crossmembers set on 12" centers. The base shall be padded with rubber (1/4" thick and as wide as the crossmembers and a 60D to 65D hardness) or treated plywood. The rubber shall be glued to the crossmembers with a 3M adhesive. NOTE: The tank shall only be lifted using the lifting eye on the tank. The tank shall be empty when lifted.

6. TANK CONNECTIONS

Flexible hose or Victallic couplings shall be used on all connections to prevent stress on the fitting and the tank.

7. FITTINGS

The tank shall have a suction fitting for the tank-to-pump connection. The fitting shall be 3" NPT and shall be heavy-duty polypropylene and welded inside and outside. The tank shall have a fast-fill fitting. The fitting shall be 1 1/2" NPT. The tank fill fitting shall be designed as a bottom-fill to prevent aeration.

C. COMPARTMENTS

1. HOSE COMPARTMENTS

Provide two (2) approximately 10" x 8" "Mattydale" or approved equal type, cross lays across front tank are near work platform. Each compartment must be able to securely hold a minimum of 200 feet of 1.75" double-jacketed fire hose. Hose beds to be plumbed to transfer pump with 1 1/2" valve and chicshan swivel.

2. HOSE BED AREA

Hose bed area shall be approximately 48 inches long x 48 inches wide x 16 inches high. Hose bed walls shall be integrally welded to foam tank and have 3/4 inch pipe rails.

D. PUMP (GASOLINE ENGINE)

1. PUMP FEATURES

Hard anodized aluminum casing and discharge valve, bronze impeller and wear rings, stainless steel impeller shaft, mechanical seal, base and carrying handles.

PRIMER: Combination muffler and exhaust primer.

2. ENGINE FEATURES

13 HP Briggs & Stratton Vanguard engine, four cycle, single cylinder, air cooled, with 8.3 quart fuel tank. This unit has adjustable mechanical governor, throttle and choke control lever and electric start with auxiliary rewind starter.

SIZE: 6" Length x 20.8" Width x 19.9 Height

WEIGHT: 141 Lbs. (64kgs)

SUCTION: 3" NPTF

DISCHARGE: One 2 1/2" NPTF with combination discharge valve and check valve.

ACCESSORIES: Gauge panel, battery kit, hand primer and spark arrest muffler.

3. PERFORMANCE

300 GPM (1125l/mM) @15psi (1.0 bar)

150 PM (568 l/m) @70PSI (4.8)

80 GPM (303 l/m) @100 PSI (6.9 bar)

E. PUMP CONNECTIONS (Inlets and Outlets)

Note: All pipes shall feature easy maintenance and/or replacement through the use of Victalic or other type of mechanical couplings. Plumbing shall be brass or steel. High pressure hose shall have stainless steel couplings.

1. FOAM INLET

Provide one (1) each 2 1/2" suction pipe from the tank to permanent pump with 1/4" turn tank isolation valve mounted at the tank. Auxiliary plumbing shall be designed to allow drafting from auxiliary sources (i.e. five gallon cans and fifty-five gallon drums) via detachable suction hose.

Provide one (1) each 1.5" male inlet on main tank to pump (suction) line in order to use auxiliary pick up tube device through pump. Also, provide cap and chain for the 1.5" outlet.

2. PUMP OUTLETS

{Provide three (3) 1.5" piped outlets from pump. One (1) each to the bottom of two "Mattydale" or approved equal hose compartments and one for tank fill. Also, provide 1.5" chicsham type swivel device below hose beds to facilitate left or right side deployment of foam supply hose without kinking the tank fill pipe is to extend into and towards the tank bottom to limit foam agitation of fills. Each valve shall have a quarter turn on/off valve capable of convenient and rapid activation from the operator's platform area.

F. ACCESSORIES

Provide the following accessories for use with the foam resupply trailer:

1. (Standard) One (1) each approximately 60" long PVC 1.5" suction line and forty inch thick pick up tube for drawing.
2. (Standard) Provide technical manuals, parts, parts manuals, and repair manuals for installed equipment and accessories.

G. TREATING AND PAINTING

A proven paint system shall be used to prime and paint the foam resupply trailer with appropriate color and shall be free from orange pebbly finish. All painted metal parts shall be hand and pre-cleaner shall be used to prepare all surfaces.

An epoxy primer adhesive promoter shall be applied to all surfaces to provide corrosion protection and to create a strong bond between the substrate and surface application. In addition, the booms and major components shall be coated with a low Volatile Organic Compound (VOC), high solid sealer to enhance surface smoothness and top coat gloss. The primed surfaces shall be sanded smooth, thus removing all texture and surface imperfections and creating a finish base that will meet the rigid requirements of the fire and emergency services.

Final coating shall be low VOC (3.5 pounds per gallon) [.42 kg per liter], high solid polyurethane white color, 2+ mils minimum thickness, designed to provide a long wearing, deep gloss finish under virtually any condition. Trailer color: To Be Determined

Letters on each side are to read : To Be Determined

H. WARRANTIES

TRAILER AND TANK WARRANTY

1. Provide a two (2) year warranty on the trailer and parts.
2. Provide a life-time warranty on the foam tank.
3. Provide a one (1) year warranty on the pump and pump engine.

OTHER WARRANTIES

All additional equipment shall be covered by the individual manufacturer's warranty.

ADDITIONAL EQUIPMENT

2.0 FOAM ATTACH EQUIPMENT

2.1 A 500 gpm removable monitor nozzle shall be provided, piped up to five inch stainless steel manifold. The monitor shall be designed to operate on the trailer with a foam nozzle pick-up tube piped to the trailer foam tank or as a portable remote mounted monitor with a jet ratio foam proportioner.

2.2 The monitor shall be an Elkhart "Stinger" or equal with a pre-plumbed base for fixed turret operation and portable base for remote operation. The base shall be equipped with two 2 1/2" clappered swivel inlets (or a single five inch Storz inlet) as specified by the purchaser.

2.3 The nozzle shall be a Williams "Hydro-Foam" LWNS 500 or equal with eight feet of flexible pick-up hose.

2.4 A jet ratio controller shall be provided to allow for remote operation of the turret at the specified foam percentage and flow rate.

2.5 The five inch manifold shall be equipped with two 2 1/2" clappered swivel inlets (or a single five inch Storz inlet) as specified by the purchaser.

2.6 One inch cross-lay discharge outlets shall be equipped with 120 gpm balanced pressure eductors (1-3-6%) to allow the hose to be used as fire attack lines.

3.0 GENERATOR AND FLOOD LIGHTS

3.1 A 5000 watt generator (Honda or equal) with electric start shall be installed on a platform at the rear of the trailer. The six inch frame of the trailer shall be extended to provide structural support for the platform. The platform decking shall be covered with aluminum tread plate and run the width of the trailer.

3.2 Two 500 watt elevating quartz lights shall be provided (Fire Research Focus or equal) mounted on telescoping poles at the rear corners of the foam tank.

23 April 2004

**TECHNICAL SPECIFICATIONS
FOR
4000 watt Lamp Wattage
6000 Watt Continuous Output
Light Tower**

Unit must be compact and feature a heavy-duty light tower that provides a minimum of 4000 kw lighting and a 6000kw continuous rating. Unit shall have a fuel capacity that allows at least 40 hours of continuous light/run time. The heavy-duty, trailer mounted light tower must configure for easy transport and be compliant with all current DOT standards. Unit must be equipped with at least one 120v receptacle. Each light must be individually adjustable without tools and have a quick disconnect power cord to allow for easy removal prior to transport. The 360-degree rotating mast must allow for light adjustment while in the raised position.

Features

- Large fuel capacity to enable at least 40 hrs of continuous light/run time.
- Extendable light tower with 360 degree rotation
- Weather Protected enclosure for generator unit
- Leveling Jacks
- 120v receptacle (1 min)
- 4000 watt lighting capability per light
- 6000 watt continuous rating for generator unit
- Fully equipped highway ready trailer, DOT lighting, VIN number

**BID SPECIFICATIONS
FOR
LIGHT TOWER**

Technical Data

Description	Metric		Imperial	
Length x width x height (standard)	3.886 x 1.220 x 1.600			mm
	153 x 48 x 63	in		
Operating weight	815	kg	1,800	lb
Shipping weight	717	kg	1,580	lb
Maximum tower height	9	m	30	ft
Sound level at max. load (dB(A) at 23 feet)	71		dB(A)	71 dB(A)
Output	6	kW	6	kW
Voltage	120	V	120	V
Amperage @ 120/240 V	50	A	50	A
Frequency	60	Hz	60	Hz
Power draw	1,0	kW	1.0	hp
Voltage regulation no load to full load	+/- 5%			+/- 5%
Lamp Output	4 x 1,000W		4 x 1,000W	
Coverage (Lighting levels as recommended by IES)	30.400 @ 5,4 lumens			m ² 5-7 @.5
footcandles	Acres			
Generator insulation	H		H	
Speed	1.800	1/min	1,800	rpm
Generator type	Brushless			
Engine Type	Lombardini, diesel			
Max. power output according to DIN-ISO 3046	9	kW		12.1hp
Displacement	916	cm ³	56	in ³
Fuel tank capacity	114	l	30	US gal
Fuel consumption	1,67	l/h	.44	US gal/h

COMMERCIAL ITEM DESCRIPTION**Air Force Plant 42, Palmdale, CA****25 February 2004****Integrated Toolcarrier**

Air Force Plant 42, Palmdale, California is seeking proposals for the vehicle described below. Plant 42 is an Aircraft Production and flight Test Installation located in the High Desert of Los Angeles County, with an elevation of 2,543 feet above sea level. Climate is semi-arid desert with high winds most of the year. Problems are the blowing winds, sand and dust that get into areas, which may cause damage to equipment or instruments.

1. SCOPE

These specifications shall be constructed as the minimum acceptable standards for a 3-yard wheel loader. Should the manufacturer's current published data or specifications exceed these standards, the manufacturer's standards shall be considered minimum and shall be furnished. All integral parts not specifically mentioned in the scope of these specifications that are necessary to provide a complete working unit shall be furnished. Additionally the machine offered for bid shall include all standard equipment. The 3-yard wheel loader must be a new current production model.

Detailed Specifications Integrated Toolcarrier

Minimum operating weight with optional counterweight, standard lubricants, full fuel tank, ROPS cab, 2.3 cyd bucket, 176 lb operator and 17.5-25 12PR (L2) tires = 26,711 lbs.

Steering System

Maximum turning radius over tire shall be 206 inches.

Steering angle shall be 40 degrees.

Steering hydraulic output at 2,300 RPM and 1,000 psi = 27.7 gpm.

Maximum working pressure shall be 3,000 psi.

High-impact rubber steering stops shall be standard.

Secondary steering shall be available.

Steering system shall use variable displacement piston load sensing pump.

Machine shall have two (2) steering cylinders with a minimum bore of 2.75 in.

Power Train: Engine

Engine shall be manufactured by the equipment manufacturer.

Machine shall have a 6L (366 cubic inch) displacement, 6 cylinder engine with a minimum net horsepower of 131 HP at 2,300 RPM (SAE J1349).

Minimum bore of 3.94 inches and stroke of 5 inches.

Engine must be Tier II compliant and meet or exceed all current EPA emissions requirements.

Tier II compliance certificate shall be available upon request.

Engine shall be direct Injection Turbocharged with waste gate turbocharger for reliability, durability and performance.

Machine shall use an air-to-air-aftercooler (ATAAC).

Minimum rated net horsepower of 131 hp.

Minimum "maximum net horsepower" of 144 hp.

Machine shall use gear driven water and oil pumps.

Engine and cooling compartments shall be completely separated.

Engine shall have a minimum torque rise of 48%.

Must have minimum drain interval of 500 hours for engine oil.

Machine ECM shall automatically detract the engine for protection during overheating.

Machine ECM shall provide automatic altitude adjustment above 9,800 ft.

Drive Train: Transmission

Transmission shall be manufactured by the equipment manufacturer.

Machine shall have an autoshift transmission with 4F3R travel speeds.

Transmission shall have manual and autoshift settings with variable shift (fuel economy) and power shift (aggressive loading) modes.

Joystick shall have a button for downshifting on demand.

Machine shall have minimum drain interval 2,000 hours for transmission oil (4,000 hours with SOS sampling).

Machine shall have transmission oil sight gauge and fill spout on the same side of the machine.

Minimum travel speeds forward and reverse shall be: F1/R1=4.9 mph, F2/R2=7.8 mph, F3/R3=16 mph, and F4=23.4 mph.

Low speed transmission shall be available.

Transmission clutch pressure shall be electronically controlled.

Machine shall have a forward/neutral/reverse switch standard on the implement control joystick.

Machine shall have a transmission neutralizer with an override switch standard.

Transmission shall utilize spur gears that are precision ground and heat treated for durability.

Power Train: Axles

Axles shall be manufactured by the equipment manufacturer.

Machine shall have fixed front axles and oscillating rear axles.

Machine shall have optional limited slip axles front and rear or both.

Axles shall have Duo-cone seals between brake and final drives.

Rear axle trunnion shall have remote lubricating fitting.

Planetary final drives shall be lubricated from the main oil sump.

Machine shall have axle seal guards standard.

Power Train: Brakes

Service brakes shall be inboard, oil-immersed disc brakes on front and rear axles.

Service brakes shall be completely enclosed, sealed and adjustment free.

Indicator light shall alert operator if brake pressure drops.

Machine shall have continually charged nitrogen accumulators to provide stopping capability after loss of engine power.

Parking break shall be a mechanical, shoe-type brake, mounted on drive line for positive manual operation.

Application of parking brake shall neutralize transmission.

Heavy duty brakes with integrated oil cooler shall be optional for high energy applications.

Electrical

Machine shall have a standard 80 amp alternator with optional high output (95 amp) alternator.

Thermal starting aid shall eliminate need for a cold start switch.

Machine shall have a battery disconnect switch.

Machine shall have a standard back up alarm.

Machine shall have two (2) 950 cc batteries mounted in bolt-on battery boxes.

Operator Station

Machine shall have two (2) ingress/egress doors.

Both doors shall lock open at 180 degrees.

ROPS shall meet SAE J1040 May 94 and ISO 3471-1994.

FOPS shall meet SAE J231 Jan 81 and ISO 3449-1992 Level 2.

Machine shall have flat, fixed glass standard with optional sliding glass doors.

Rear window shall have an electric defroster.

Machine shall have front and rear windshield wipers.

Glass panels shall extend from cab roof to floor allowing visibility to ground.

Machine shall have white faced gauges including hydraulic engine and transmission temperatures as well as fuel level.

Warning/indicator and diagnostic functions shall include: Primary steering malfunction, electrical system voltage low, coolant temperature, engine oil pressure, parking brake applied, brake charge pressure low, transmission oil temperature, transmission oil filter bypass, hydraulic oil filter bypass.

Machine shall have Electronic Engine Control (EESC) allowing operator to set and maintain engine RPM for use with hydraulic work tools.

Machine shall have a dual suspended brake pedals function as a brake and a transmission neutralizer.

Steering console and gauge panel shall be adjustable.

Hydraulic joystick control shall operate both lift and tilt functions. Joystick shall include transmission direction switch.

Two lever controls shall be optional.

Seat options shall include vinyl and cloth with fully adjustable fore/aft position, seat back angle, bottom cushion height, armrest angle and suspension stiffness.

Other seat options shall be available with more deluxe options.

Machine shall have a 3 inch retractable seat belt.

Storage space in cab shall include lockable compartment, coat hook and molded compartments for lunchbox/cooler and cup.

Machine shall have a standard tool box.

Cab shall have options for customizing including: 12V converter, radio installation package, sun visor for windshield, rear window roll down screen, external mirror package, and auxillary lighting packages.

Plastic fenders shall be standard, steel fenders optional.

Integrated Toolcarrier Loader Linkage

Loader shall have a toolcarrier loader linkage.

Electronic "Quick Coupler" shall be available for a toolcarrier.

Wide quick coupler shall be available for use with competitive work tools.

Machine shall meet the following specifications with 2.6 yd pin on bucket, 20.5-25 12PR (L2) Tires, optional counterweight, standard lubricants, full fuel tank, 176 lb operator: Minimum full turn static tipping load of 16,466 lbs, minimum breakout force of 25,340 lbs, minimum dump clearance of 9'9" at full lift and 45 degree discharge, maximum total cycle time for 10.3 seconds, minimum dig depth of 4.3", and minimum rackback of 53 degrees.

Buckets

Bucket sizes shall range from 2.5 yds to 7.0 yds.

Buckets shall have a bolt on, reversible cutting edge.

Bucket shall have a built-in, replaceable heel wear plates for extended bucket life.

Hydraulic Systems

Hydraulic system shall be manufacturer designed and modular.

Low effort joystick control shall offer simultaneous lift and tilt functions.

Machine shall use XT3 hoses with 4,000 psi working pressure.

Machine shall have two section implement control valve for lift and tilt functions and one additional valve optional.

Machine shall have ground level valve access.

Steering and implement pumps shall be separate.

Machine shall have pressure taps to allow quick diagnosis of complete hydraulic system.

Machine shall have an optional ride control system with three stages: off (truly off), auto (comes on at 6 mph), and on (at all times).

Machine shall have a hydraulically driven demand fan.

Machine shall have an electronic pilot shut-off switch in cab that disables implement functions for added safety.

Hydraulic couplings shall have O-ring face seals.

Heavy duty oil cooler shall be optional.

Maximum working pressure of 3,200 psi.

Minimum output 40.3 gpm at 2,300 rpm and 100 psi.

Serviceability

Machine shall have easy access to engine and cooling compartments through two (2) gull wing doors that swing up and are held in place with gas struts.

Radiator and cooling cores shall be separated.

All service points shall be accessible from the ground level.

Machine shall have sight gauges for radiator coolant and transmission and hydraulic oil levels.

Machine shall have a swing out cooling fan with lever to safely hold door open.

Cooling fan shall be hydraulically driven and separate from the engine compartment.

Machine shall have an optional automatic reversing fan with manual override switch.

Oil filters shall be spin on and vertically mounted (right side up).

Pressurized oil sampling ports shall allow easy access to test engine, transmission, and hydraulic oil.

Machine shall have a self-diagnostic transmission and data link.

Machine error codes shall be accessible from gauge panel.

Standard service features shall include: Standard hydraulic oil cooler, adjustment free brakes, adjustment free engine fuel system, grouped grease fittings, positive torque hose clamps, braided, color coded and numbered wiring.

Minimum Service Refill Capacities

Fuel tank shall have a 59.4 gal capacity.

Cooling system shall have a 10.6 gal capacity.

Crankcase shall have a 4.2 gal capacity.

Transmission shall have a 6.1 gal capacity.

Differentials and final drives (front and rear) capacities should be 5.5 gal each.

Hydraulic system (including tank) shall have a 33 gal capacity.

Hydraulic tank shall have a 18.5 gal capacity.

Owning and Operating Costs

Machine shall have extended service intervals.

4,000 hour hydraulic oil change (oil sampling required).

1,000 hour hydraulic filter change.

500 hour engine oil change.

Machine shall have an optional satellite link to monitor critical system parameters from a remote location. (Product Link)

Machine shall have a security system inhibiting unauthorized machine use. (MMS)

Environmentally Conscious Design

Emissions requirements must meet or exceed worldwide requirements and is Tier II compliant.

Cooling compartment shall be completely enclosed to limit sound emissions.

Optional sound suppression package shall be available.

Air conditioning system must only utilize R-134a refrigerant which does not contain CFCs (chloroflourocarbons).

All major components shall be designed to be rebuilt and reused.

Biodegradable hydraulic oil shall be available as an alternative to mineral-based oils.