

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

CONTRACT NO.: 12024B18C9025

PROJECT: NATIONAL LONG-TERM FIRE RETARDANT

CONTRACTOR: PERIMETER SOLUTIONS LP
373 MARSHALL AVENUE
ST. LOUIS, MO 63119
Phone: 314-983-7672

AWARDING OFFICE: U.S. FOREST SERVICE - CONTRACTING
NATIONAL INTERAGENCY FIRE CENTER
OWYHEE BUILDING - MS 1100
3833 S DEVELOPMENT AVE
BOISE, ID 83705-5384



LARRY ROBILLARD
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STANDARD FORM 1449

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

2. CONTRACT NO. 12024B18C9025	3. AWARD/EFFECTIVE DATE 07/01/2018	4. ORDER NUMBER	5. SOLICITATION NUMBER 12024B18R9006	6. SOLICITATION ISSUE DATE 05/01/2018
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7. FOR SOLICITATION INFORMATION CALL: 	a. NAME Larry Robillard	b. TELEPHONE NUMBER (No collect calls) 208-387-5682	8. OFFER DUE DATE/ LOCAL TIME 05/22/2018 3:00PM Mtn
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9. ISSUED BY NATIONAL INTERAGENCY FIRE CENTER U.S. FOREST SERVICE - CONTRACTING OWYHEE BUILDING - MS 1100 3833 S. DEVELOPMENT AVE BOISE, ID 83705-5354	CODE	10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED OR <input type="checkbox"/> SET ASIDE: 100% FOR: <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> (EDWOSB) <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS <input type="checkbox"/> 8 (A) NAICS: 115310 SIZE STANDARD: \$19M for Forest Fire Suppression
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11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input checked="" type="checkbox"/> SEE SCHEDULE	12. DISCOUNT TERMS	<input type="checkbox"/> 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)	13b. RATING	14. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP
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15. DELIVER TO CODE	16. ADMINISTERED BY Same As Item 9 CODE
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17a. CONTRACTOR/ OFFEROR Perimeter Solutions LP 373 Marshall Avenue St. Louis, MO 63119 TELEPHONE NO. (314) 983-7627 DUNS: 085271638 / CAGE: 1RKV8	18a. PAYMENT WILL BE MADE BY See Sections C-36, C-37, C-38 and C-39 for Payment Procedures (Attached) CODE
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<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER	<input type="checkbox"/> 18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM
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19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	See Section B (Attached)				

25. ACCOUNTING AND APPROPRIATION DATA	26. TOTAL AWARD AMOUNT (For Govt. Use Only)
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<input checked="" type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA <input checked="" type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED	<input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED
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<input checked="" type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>1</u> 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 HEREIN.	<input checked="" type="checkbox"/> 29. AWARD OF CONTRACT: REF. <u>Your Proposal</u> OFFER DATED <u>22 May 2018</u> . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS.
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30a. SIGNATURE OF OFFEROR/CONTRACTOR E-SIGNED by Edward Goldberg	31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER) 
30b. NAME AND TITLE OF SIGNED (Type or print) Edward Goldberg CEO	30c. DATE SIGNED June 28, 2018
31b. NAME OF CONTRACTING OFFICER (Type or print) LARRY ROBILLARD	31c. DATE SIGNED 29 JUNE 2018

Section B – Schedule of Items

B-1 SCOPE OF WORK

The purpose of this Requirements Contract is to obtain National Long-Term Fire Retardant capabilities. This contract is a one year base with four one year options, sole source for supply and service of long-term fire retardant to the designated Air Tanker Bases the United States Department of Agriculture (USDA) Forest Service, Department of the Interior (DOI), Bureau of Land Management (BLM), Bureau of Indian Affairs (BIA) and other Government agencies with interagency agreements with any of the above. The long-term retardant required and supplied shall be qualified and approved on the Qualified Products List (QPL) in accordance with USDA, USFS Specification 5100-304c - Long Term Retardant, Wildland Firefighting with amendments. The statutory authority permitting other than full and open competition is 41 U.S.C. 3304(a)(1) (FAR 6.302-1) the property or services needed by the executive agency are available from only one responsible source and no other type of property or services will satisfy the needs of the executive agency.

B-2 SCHEDULE OF ITEMS

The following Schedule of items identifies the specific Contract Line Item Numbers (CLIN) to meet the requirement. Please see Section C – Description/Specifications/Work Statement for the requirements of the contract including the ordering, invoicing and payment procedures for the various CLINs on this efforts. Please note, Miscellaneous Items found on the last page of this Section B may require specific ordering and invoicing requirements and should be confirmed with the contracting officer prior to the contractor commencing work on that order.

Section B – Schedule of Items

B-3 TYPE A (FULL SERVICE) ATBs - CONTRACT LINE ITEM NUMBER (CLIN) PRICING

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R1-01-BLM-Billings	Billings, MT	BLM	JUNE 1 THROUGH SEPTEMBER 15

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.061	\$506,100
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.750	\$350,000
3. 300,000 gallons and over	100,000	Gallons	\$2.290	\$229,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,085,100

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.213	\$521,300
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.803	\$360,600
3. 300,000 gallons and over	100,000	Gallons	\$2.358	\$235,800
TOTALS FOR BASIS OF AWARD	400,000			\$1,117,700

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.370	\$537,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.857	\$371,400
3. 300,000 gallons and over	100,000	Gallons	\$2.429	\$242,900
TOTALS FOR BASIS OF AWARD	400,000			\$1,151,300

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.584	\$558,400
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.931	\$386,200
3. 300,000 gallons and over	100,000	Gallons	\$2.526	\$252,600
TOTALS FOR BASIS OF AWARD	400,000			\$1,197,200

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.808	\$580,800
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.008	\$401,600
3. 300,000 gallons and over	100,000	Gallons	\$2.627	\$262,700
TOTALS FOR BASIS OF AWARD	400,000			\$1,245,100

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.040	\$604,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.088	\$417,600
3. 300,000 gallons and over	100,000	Gallons	\$2.732	\$273,200
TOTALS FOR BASIS OF AWARD	400,000			\$1,294,800

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R1-02-FS-Helena, MT	Helena, MT	USDA, FS, REGION 1	JULY 7 THROUGH SEPTEMBER 19

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$4.673	\$467,300
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.660	\$166,000
3. 200,001 gallons and over	50,000	Gallons	\$2.317	\$115,850
TOTALS FOR BASIS OF AWARD	250,000			\$749,150

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$4.814	\$481,400
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.710	\$171,000
3. 200,001 gallons and over	50,000	Gallons	\$2.386	\$119,300
TOTALS FOR BASIS OF AWARD	250,000			\$771,700

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$4.958	\$495,800
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.761	\$176,100
3. 200,001 gallons and over	50,000	Gallons	\$2.458	\$122,900
TOTALS FOR BASIS OF AWARD	250,000			\$794,800

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.156	\$515,600
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.832	\$183,200
3. 200,001 gallons and over	50,000	Gallons	\$2.556	\$127,800
TOTALS FOR BASIS OF AWARD	250,000			\$826,600

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.363	\$536,300
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.905	\$190,500
3. 200,001 gallons and over	50,000	Gallons	\$2.658	\$132,900
TOTALS FOR BASIS OF AWARD	250,000			\$859,700

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.577	\$557,700
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.981	\$198,100
3. 200,001 gallons and over	50,000	Gallons	\$2.764	\$138,200
TOTALS FOR BASIS OF AWARD	250,000			\$894,000

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R2-01-FS-Durango, CO	Durango, CO	USDA, FS, REGION 2	MAY 15 THROUGH SEPTEMBER 29

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$4.930	\$493,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.890	\$189,000
3. 200,001 gallons and over	100,000	Gallons	\$2.345	\$234,500
TOTALS FOR BASIS OF AWARD	300,000			\$916,500

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.077	\$507,700
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.947	\$194,700
3. 200,001 gallons and over	100,000	Gallons	\$2.416	\$241,600
TOTALS FOR BASIS OF AWARD	300,000			\$944,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.230	\$523,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.005	\$200,500
3. 200,001 gallons and over	100,000	Gallons	\$2.488	\$248,800
TOTALS FOR BASIS OF AWARD	300,000			\$972,300

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.439	\$543,900
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.085	\$208,500
3. 200,001 gallons and over	100,000	Gallons	\$2.587	\$258,700
TOTALS FOR BASIS OF AWARD	300,000			\$1,011,100

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.656	\$565,600
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.169	\$216,900
3. 200,001 gallons and over	100,000	Gallons	\$2.691	\$269,100
TOTALS FOR BASIS OF AWARD	300,000			\$1,051,600

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.883	\$588,300
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.255	\$225,500
3. 200,001 gallons and over	100,000	Gallons	\$2.799	\$279,900
TOTALS FOR BASIS OF AWARD	300,000			\$1,093,700

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R2-02-BLM-Grand Junction, CO	Grand Junction, CO	BLM	MAY 12 THROUGH OCTOBER 1

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.970	\$597,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.870	\$374,000
3. 300,001 to 500,000 gallons r	200,000	Gallons	\$1.670	\$334,000
4. 500,001 gallons and over	200,000	Gallons	\$2.354	\$470,800
TOTALS FOR BASIS OF AWARD	700,000			\$1,775,800

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.149	\$614,900
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.926	\$385,200
3. 300,001 to 500,000 gallons r	200,000	Gallons	\$1.720	\$344,000
4. 500,001 gallons and over	200,000	Gallons	\$2.425	\$485,000
TOTALS FOR BASIS OF AWARD	700,000			\$1,829,100

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.334	\$633,400
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.984	\$396,800
3. 300,001 to 500,000 gallons r	200,000	Gallons	\$1.772	\$354,400
4. 500,001 gallons and over	200,000	Gallons	\$2.498	\$499,600
TOTALS FOR BASIS OF AWARD	700,000			\$1,884,200

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.587	\$658,700
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.063	\$412,600
3. 300,001 to 500,000 gallons r	200,000	Gallons	\$1.843	\$368,600
4. 500,001 gallons and over	200,000	Gallons	\$2.598	\$519,600
TOTALS FOR BASIS OF AWARD	700,000			\$1,959,500

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.851	\$685,100
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.146	\$429,200
3. 300,001 to 500,000 gallons r	200,000	Gallons	\$1.916	\$383,200
4. 500,001 gallons and over	200,000	Gallons	\$2.702	\$540,400
TOTALS FOR BASIS OF AWARD	700,000			\$2,037,900

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$7.125	\$712,500
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.232	\$446,400
3. 300,001 to 500,000 gallons r	200,000	Gallons	\$1.993	\$398,600
4. 500,001 gallons and over	200,000	Gallons	\$2.810	\$562,000
TOTALS FOR BASIS OF AWARD	700,000			\$2,119,500

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R2-03-FS-Rapid City, SD	Rapid City, SD	USDA, FS, REGION 2	JUNE 1 THROUGH SEPTEMBER 30

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.380	\$538,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.950	\$390,000
3. 300,001 gallons and over	150,000	Gallons	\$2.339	\$350,850
TOTALS FOR BASIS OF AWARD	450,000			\$1,278,850

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.541	\$554,100
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.009	\$401,800
3. 300,001 gallons and over	150,000	Gallons	\$2.410	\$361,500
TOTALS FOR BASIS OF AWARD	450,000			\$1,317,400

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.708	\$570,800
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.069	\$413,800
3. 300,001 gallons and over	150,000	Gallons	\$2.482	\$372,300
TOTALS FOR BASIS OF AWARD	450,000			\$1,356,900

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.936	\$593,600
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.152	\$430,400
3. 300,001 gallons and over	150,000	Gallons	\$2.581	\$387,150
TOTALS FOR BASIS OF AWARD	450,000			\$1,411,150

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.173	\$617,300
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.238	\$447,600
3. 300,001 gallons and over	150,000	Gallons	\$2.684	\$402,600
TOTALS FOR BASIS OF AWARD	450,000			\$1,467,500

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.420	\$642,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.327	\$465,400
3. 300,001 gallons and over	150,000	Gallons	\$2.792	\$418,800
TOTALS FOR BASIS OF AWARD	450,000			\$1,526,200

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R3-01-FS-Albuquerque, NM	Albuquerque, NM	USDA, FS, REGION 3	APRIL 29 THROUGH JULY 16

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.488	\$548,800
2. 100,001 to 250,000 gallons	150,000	Gallons	\$2.110	\$316,500
3. 250,001 gallons and over	150,000	Gallons	\$2.752	\$412,800
TOTALS FOR BASIS OF AWARD	400,000			\$1,278,100

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.653	\$565,300
2. 100,001 to 250,000 gallons	150,000	Gallons	\$2.173	\$325,950
3. 250,001 gallons and over	150,000	Gallons	\$2.845	\$426,750
TOTALS FOR BASIS OF AWARD	400,000			\$1,318,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.822	\$582,200
2. 100,001 to 250,000 gallons	150,000	Gallons	\$2.238	\$335,700
3. 250,001 gallons and over	150,000	Gallons	\$2.930	\$439,500
TOTALS FOR BASIS OF AWARD	400,000			\$1,357,400

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.055	\$605,500
2. 100,001 to 250,000 gallons	150,000	Gallons	\$2.328	\$349,200
3. 250,001 gallons and over	150,000	Gallons	\$3.047	\$457,050
TOTALS FOR BASIS OF AWARD	400,000			\$1,411,750

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.297	\$629,700
2. 100,001 to 250,000 gallons	150,000	Gallons	\$2.421	\$363,150
3. 250,001 gallons and over	150,000	Gallons	\$3.169	\$475,350
TOTALS FOR BASIS OF AWARD	400,000			\$1,468,200

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.549	\$654,900
2. 100,001 to 250,000 gallons	150,000	Gallons	\$2.518	\$377,700
3. 250,001 gallons and over	150,000	Gallons	\$3.295	\$494,250
TOTALS FOR BASIS OF AWARD	400,000			\$1,526,850

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R3-02-FS-Ft. Huachuca, AZ	Ft. Huachuca, AZ	USDA, FS REGION 3	APRIL 15 THROUGH JULY 18

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.665	\$566,500
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.398	\$239,800
3. 200,001 to 300,000 gallons	100,000	Gallons	\$1.950	\$195,000
4. 300,001 gallons and over	100,000	Gallons	\$2.742	\$274,200
TOTALS FOR BASIS OF AWARD	400,000			\$1,275,500

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.835	\$583,500
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.470	\$247,000
3. 200,001 to 300,000 gallons	100,000	Gallons	\$2.009	\$200,900
4. 300,001 gallons and over	100,000	Gallons	\$2.825	\$282,500
TOTALS FOR BASIS OF AWARD	400,000			\$1,313,900

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.010	\$601,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.544	\$254,400
3. 200,001 to 300,000 gallons	100,000	Gallons	\$2.069	\$206,900
4. 300,001 gallons and over	100,000	Gallons	\$2.910	\$291,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,353,300

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.250	\$625,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.645	\$264,500
3. 200,001 to 300,000 gallons	100,000	Gallons	\$2.152	\$215,200
4. 300,001 gallons and over	100,000	Gallons	\$3.025	\$302,500
TOTALS FOR BASIS OF AWARD	400,000			\$1,407,200

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.500	\$650,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.751	\$275,100
3. 200,001 to 300,000 gallons	100,000	Gallons	\$2.238	\$223,800
4. 300,001 gallons and over	100,000	Gallons	\$3.146	\$314,600
TOTALS FOR BASIS OF AWARD	400,000			\$1,463,500

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.760	\$676,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.861	\$286,100
3. 200,001 to 300,000 gallons	100,000	Gallons	\$2.327	\$232,700
4. 300,001 gallons and over	100,000	Gallons	\$3.273	\$327,300
TOTALS FOR BASIS OF AWARD	400,000			\$1,522,100

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R3-03-FS Phoenix-Mesa Gateway, AZ	Phoenix-Mesa Gateway, AZ	USDA, FS, REGION 3	JUNE 1 THROUGH SEPTEMBER 30

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.920	\$592,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.730	\$346,000
3. 300,001 gallons and over	150,000	Gallons	\$2.465	\$369,750
TOTALS FOR BASIS OF AWARD	450,000			\$1,307,750

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.098	\$609,800
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.782	\$356,400
3. 300,001 gallons and over	150,000	Gallons	\$2.539	\$380,850
TOTALS FOR BASIS OF AWARD	450,000			\$1,347,050

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.281	\$628,100
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.835	\$367,000
3. 300,001 gallons and over	150,000	Gallons	\$2.616	\$392,400
TOTALS FOR BASIS OF AWARD	450,000			\$1,387,500

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.532	\$653,200
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.909	\$381,800
3. 300,001 gallons and over	150,000	Gallons	\$2.720	\$408,000
TOTALS FOR BASIS OF AWARD	450,000			\$1,443,000

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.793	\$679,300
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.985	\$397,000
3. 300,001 gallons and over	150,000	Gallons	\$2.828	\$423,000
TOTALS FOR BASIS OF AWARD	450,000			\$1,499,300

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$7.065	\$706,500
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.065	\$413,000
3. 300,001 gallons and over	150,000	Gallons	\$2.941	\$441,150
TOTALS FOR BASIS OF AWARD	450,000			\$1,560,650

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R3-04-FS-Prescott, AZ	Prescott, AZ	USDA, FS, REGION 3	MAY 1 THROUGH JULY 29

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.338	\$533,800
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.950	\$390,000
3. 300,001 gallons and over	150,000	Gallons	\$2.386	\$357,900
TOTALS FOR BASIS OF AWARD	450,000			\$1,281,700

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.498	\$549,800
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.009	\$401,800
3. 300,001 gallons and over	150,000	Gallons	\$2.457	\$368,550
TOTALS FOR BASIS OF AWARD	450,000			\$1,320,150

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.663	\$566,300
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.069	\$413,800
3. 300,001 gallons and over	150,000	Gallons	\$2.531	\$379,650
TOTALS FOR BASIS OF AWARD	450,000			\$1,359,750

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.890	\$589,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.152	\$430,400
3. 300,001 gallons and over	150,000	Gallons	\$2.632	\$394,800
TOTALS FOR BASIS OF AWARD	450,000			\$1,414,200

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.125	\$612,500
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.238	\$447,600
3. 300,001 gallons and over	150,000	Gallons	\$2.737	\$410,550
TOTALS FOR BASIS OF AWARD	450,000			\$1,470,650

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.370	\$637,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.327	\$465,400
3. 300,001 gallons and over	150,000	Gallons	\$2.847	\$427,050
TOTALS FOR BASIS OF AWARD	450,000			\$1,529,450

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R3-05-FS-Winslow, AZ	Winslow, AZ	USDA, FS, REGION 3	MAY 3 THROUGH JULY 12

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.480	\$548,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.960	\$392,000
3. 300,001 gallons and over	150,000	Gallons	\$2.267	\$340,050
TOTALS FOR BASIS OF AWARD	450,000			\$1,280,050

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.644	\$564,400
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.019	\$403,800
3. 300,001 gallons and over	150,000	Gallons	\$2.335	\$350,250
TOTALS FOR BASIS OF AWARD	450,000			\$1,318,450

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.814	\$581,400
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.079	\$415,800
3. 300,001 gallons and over	150,000	Gallons	\$2.405	\$360,750
TOTALS FOR BASIS OF AWARD	450,000			\$1,357,950

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.046	\$604,600
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.163	\$432,600
3. 300,001 gallons and over	150,000	Gallons	\$2.502	\$375,300
TOTALS FOR BASIS OF AWARD	450,000			\$1,412,500

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.288	\$628,800
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.249	\$449,800
3. 300,001 gallons and over	150,000	Gallons	\$2.602	\$390,300
TOTALS FOR BASIS OF AWARD	450,000			\$1,468,900

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.540	\$654,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.339	\$467,800
3. 300,001 gallons and over	150,000	Gallons	\$2.705	\$405,750
TOTALS FOR BASIS OF AWARD	450,000			\$1,527,550

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R4-01-BLM-Battle Mountain, NV	Battle Mountain, NV	BLM	JUNE 1 THROUGH SEPTEMBER 30

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.338	\$533,800
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.770	\$354,000
3. 300,000 gallons and over	100,000	Gallons	\$2.300	\$230,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,117,800

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.498	\$549,800
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.823	\$364,600
3. 300,000 gallons and over	100,000	Gallons	\$2.369	\$236,900
TOTALS FOR BASIS OF AWARD	400,000			\$1,151,300

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.663	\$566,300
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.878	\$375,600
3. 300,000 gallons and over	100,000	Gallons	\$2.440	\$244,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,185,900

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.889	\$588,900
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.953	\$390,600
3. 300,000 gallons and over	100,000	Gallons	\$2.538	\$253,800
TOTALS FOR BASIS OF AWARD	400,000			\$1,233,300

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.125	\$612,500
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.031	\$406,200
3. 300,000 gallons and over	100,000	Gallons	\$2.639	\$263,900
TOTALS FOR BASIS OF AWARD	400,000			\$1,282,600

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.370	\$637,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.112	\$422,400
3. 300,000 gallons and over	100,000	Gallons	\$2.745	\$274,500
TOTALS FOR BASIS OF AWARD	400,000			\$1,333,900

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R4-02-FS-Boise, ID	Boise, ID	USDA, FS REGION 4	JUNE 1 THROUGH SEPTEMBER 30

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.802	\$580,200
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.022	\$404,400
3. 300,001 to 500,000 gallons	200,000	Gallons	\$1.720	\$344,000
4. 500,001 gallons and over	100,000	Gallons	\$2.301	\$230,100
TOTALS FOR BASIS OF AWARD	600,000			\$1,558,700

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.976	\$597,600
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.083	\$416,600
3. 300,001 to 500,000 gallons	200,000	Gallons	\$1.772	\$354,400
4. 500,001 gallons and over	100,000	Gallons	\$2.370	\$237,000
TOTALS FOR BASIS OF AWARD	600,000			\$1,605,600

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.156	\$615,600
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.145	\$429,000
3. 300,001 to 500,000 gallons	200,000	Gallons	\$1.825	\$365,000
4. 500,001 gallons and over	100,000	Gallons	\$2.441	\$244,100
TOTALS FOR BASIS OF AWARD	600,000			\$1,653,700

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.402	\$640,200
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.231	\$446,200
3. 300,001 to 500,000 gallons	200,000	Gallons	\$1.898	\$379,600
4. 500,001 gallons and over	100,000	Gallons	\$2.538	\$253,800
TOTALS FOR BASIS OF AWARD	600,000			\$1,719,800

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.658	\$665,800
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.320	\$464,000
3. 300,001 to 500,000 gallons	200,000	Gallons	\$1.974	\$394,800
4. 500,001 gallons and over	100,000	Gallons	\$2.640	\$264,000
TOTALS FOR BASIS OF AWARD	600,000			\$1,788,600

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.924	\$692,400
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.413	\$482,600
3. 300,001 to 500,000 gallons	200,000	Gallons	\$2.053	\$410,600
4. 500,001 gallons and over	100,000	Gallons	\$2.746	\$274,600
TOTALS FOR BASIS OF AWARD	600,000			\$1,860,200

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R4-03-BLM-Cedar City, UT	Cedar City, UT	BLM	MAY 15 THROUGH SEPTEMBER 30

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-F			QUALIFICATION LOT NO 0381045-B	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.490	\$549,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.150	\$430,000
3. 300,000 gallons and over	100,000	Gallons	\$2.608	\$260,800
TOTALS FOR BASIS OF AWARD	400,000			\$1,239,800

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.655	\$565,500
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.215	\$443,000
3. 300,000 gallons and over	100,000	Gallons	\$2.686	\$268,600
TOTALS FOR BASIS OF AWARD	400,000			\$1,277,100

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.824	\$582,400
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.281	\$456,200
3. 300,000 gallons and over	100,000	Gallons	\$2.766	\$276,600
TOTALS FOR BASIS OF AWARD	400,000			\$1,315,200

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.057	\$605,700
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.372	\$474,400
3. 300,000 gallons and over	100,000	Gallons	\$2.877	\$287,700
TOTALS FOR BASIS OF AWARD	400,000			\$1,367,800

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.300	\$630,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.467	\$493,400
3. 300,000 gallons and over	100,000	Gallons	\$2.992	\$299,200
TOTALS FOR BASIS OF AWARD	400,000			\$1,422,600

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.552	\$655,200
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.566	\$513,200
3. 300,000 gallons and over	100,000	Gallons	\$3.112	\$311,200
TOTALS FOR BASIS OF AWARD	400,000			\$1,479,600

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R4-04-FS-Hill AFB, UT	Hill AFB, UT	USDA, FS, REGION 4	JUNE 12 THROUGH OCTOBER 12

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.737	\$573,700
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.292	\$229,200
3. 200,001 gallons and over	100,000	Gallons	\$2.548	\$254,800
TOTALS FOR BASIS OF AWARD	300,000			\$1,057,700

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.910	\$591,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.361	\$236,100
3. 200,001 gallons and over	100,000	Gallons	\$2.625	\$262,500
TOTALS FOR BASIS OF AWARD	300,000			\$1,089,600

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.087	\$608,700
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.431	\$243,100
3. 200,001 gallons and over	100,000	Gallons	\$2.704	\$270,400
TOTALS FOR BASIS OF AWARD	300,000			\$1,122,200

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.330	\$633,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.529	\$252,900
3. 200,001 gallons and over	100,000	Gallons	\$2.812	\$281,200
TOTALS FOR BASIS OF AWARD	300,000			\$1,167,100

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.583	\$658,300
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.630	\$263,000
3. 200,001 gallons and over	100,000	Gallons	\$2.925	\$292,500
TOTALS FOR BASIS OF AWARD	300,000			\$1,213,800

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.847	\$684,700
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.735	\$273,500
3. 200,001 gallons and over	100,000	Gallons	\$3.041	\$304,100
TOTALS FOR BASIS OF AWARD	300,000			\$1,262,300

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R4-04-FS-Hill AFB, UT	Hill AFB, UT	USDA, FS, REGION 4	JUNE 12 THROUGH OCTOBER 12

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.417	\$541,700
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.972	\$197,200
3. 200,001 gallons and over	100,000	Gallons	\$2.231	\$223,100
TOTALS FOR BASIS OF AWARD	300,000			\$962,000

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.580	\$558,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.031	\$203,100
3. 200,001 gallons and over	100,000	Gallons	\$2.299	\$229,900
TOTALS FOR BASIS OF AWARD	300,000			\$991,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.747	\$574,700
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.092	\$209,200
3. 200,001 gallons and over	100,000	Gallons	\$2.357	\$235,700
TOTALS FOR BASIS OF AWARD	300,000			\$1,019,600

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.977	\$597,700
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.176	\$217,600
3. 200,001 gallons and over	100,000	Gallons	\$2.462	\$246,200
TOTALS FOR BASIS OF AWARD	300,000			\$1,061,500

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.216	\$621,600
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.263	\$226,300
3. 200,001 gallons and over	100,000	Gallons	\$2.560	\$256,000
TOTALS FOR BASIS OF AWARD	300,000			\$1,103,900

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.465	\$646,500
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.353	\$235,300
3. 200,001 gallons and over	100,000	Gallons	\$2.663	\$266,300
TOTALS FOR BASIS OF AWARD	300,000			\$1,148,100

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R4-05-FS-McCall, ID	McCall, ID	USDA, FS REGION 4	JUNE 28 THROUGH SEPTEMBER 30

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$4.710	\$471,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.950	\$195,000
3. 200,001 gallons and over	200,000	Gallons	\$2.277	\$455,400
TOTALS FOR BASIS OF AWARD	400,000			\$1,121,400

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$4.851	\$485,100
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.009	\$200,900
3. 200,001 gallons and over	200,000	Gallons	\$2.345	\$469,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,155,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$4.997	\$499,700
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.069	\$206,900
3. 200,001 gallons and over	200,000	Gallons	\$2.416	\$483,400
TOTALS FOR BASIS OF AWARD	400,000			\$1,190,000

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.197	\$519,700
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.152	\$215,200
3. 200,001 gallons and over	200,000	Gallons	\$2.512	\$502,400
TOTALS FOR BASIS OF AWARD	400,000			\$1,237,300

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.405	\$540,500
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.238	\$223,800
3. 200,001 gallons and over	200,000	Gallons	\$2.613	\$522,600
TOTALS FOR BASIS OF AWARD	400,000			\$1,286,900

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.621	\$562,100
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.327	\$232,700
3. 200,001 gallons and over	200,000	Gallons	\$2.717	\$543,400
TOTALS FOR BASIS OF AWARD	400,000			\$1,338,200

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R4-06-BLM-Pocatello, ID	Pocatello, ID	BLM	JUNE 23 THROUGH OCTOBER 7

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.090	\$509,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.590	\$318,000
3. 300,001 gallons and over	350,000	Gallons	\$2.236	\$782,600
TOTALS FOR BASIS OF AWARD	650,000			\$1,609,600

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.243	\$524,300
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.638	\$327,600
3. 300,001 gallons and over	350,000	Gallons	\$2.303	\$806,100
TOTALS FOR BASIS OF AWARD	650,000			\$1,658,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.400	\$534,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.687	\$337,400
3. 300,001 gallons and over	350,000	Gallons	\$2.372	\$830,200
TOTALS FOR BASIS OF AWARD	650,000			\$1,701,700

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.616	\$561,600
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.754	\$350,800
3. 300,001 gallons and over	350,000	Gallons	\$2.467	\$863,500
TOTALS FOR BASIS OF AWARD	650,000			\$1,775,900

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.841	\$584,100
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.824	\$364,800
3. 300,001 gallons and over	350,000	Gallons	\$2.566	\$898,100
TOTALS FOR BASIS OF AWARD	650,000			\$1,847,000

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.074	\$607,400
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.897	\$379,400
3. 300,001 gallons and over	350,000	Gallons	\$2.668	\$933,800
TOTALS FOR BASIS OF AWARD	650,000			\$1,920,600

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R4-07-BLM-Stead, NV	Stead, NV	BLM	JUNE 1 THOUGH SEPTEMBER 30

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.970	\$597,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.950	\$390,000
3. 300,000 gallons and over	100,000	Gallons	\$2.485	\$248,500
TOTALS FOR BASIS OF AWARD	400,000			\$1,235,500

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.150	\$615,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.009	\$401,800
3. 300,000 gallons and over	100,000	Gallons	\$2.559	\$255,900
TOTALS FOR BASIS OF AWARD	400,000			\$1,272,700

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.334	\$633,400
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.069	\$413,800
3. 300,000 gallons and over	100,000	Gallons	\$2.636	\$263,600
TOTALS FOR BASIS OF AWARD	400,000			\$1,310,800

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.587	\$658,700
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.152	\$430,400
3. 300,000 gallons and over	100,000	Gallons	\$2.741	\$274,100
TOTALS FOR BASIS OF AWARD	400,000			\$1,363,200

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.851	\$685,100
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.238	\$447,600
3. 300,000 gallons and over	100,000	Gallons	\$2.851	\$285,100
TOTALS FOR BASIS OF AWARD	400,000			\$1,417,800

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$7.125	\$712,500
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.327	\$465,400
3. 300,000 gallons and over	100,000	Gallons	\$2.965	\$296,500
TOTALS FOR BASIS OF AWARD	400,000			\$1,474,400

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R4-08-BLM-Twin Falls, ID	Twin Falls, ID	BLM	JUNE 15 THROUGH SEPTEMBER 30

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$4.880	\$488,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.620	\$162,000
3. 200,001 gallons and over	20,000	Gallons	\$2.525	\$50,500
TOTALS FOR BASIS OF AWARD	220,000			\$700,500

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.026	\$502,600
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.669	\$166,900
3. 200,001 gallons and over	20,000	Gallons	\$2.601	\$52,000
TOTALS FOR BASIS OF AWARD	220,000			\$721,500

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.177	\$517,700
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.719	\$171,900
3. 200,001 gallons and over	20,000	Gallons	\$2.678	\$53,600
TOTALS FOR BASIS OF AWARD	220,000			\$743,200

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.384	\$538,400
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.787	\$178,700
3. 200,001 gallons and over	20,000	Gallons	\$2.786	\$55,700
TOTALS FOR BASIS OF AWARD	220,000			\$772,800

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.600	\$560,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.859	\$185,900
3. 200,001 gallons and over	20,000	Gallons	\$2.897	\$57,900
TOTALS FOR BASIS OF AWARD	220,000			\$803,800

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.824	\$582,400
2. 100,001 to 200,000 gallons	100,000	Gallons	\$1.933	\$193,300
3. 200,001 gallons and over	20,000	Gallons	\$3.013	\$60,300
TOTALS FOR BASIS OF AWARD	220,000			\$836,000

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R4-09-BLM-Winnemucca, NV	Winnemucca, NV	BLM	JUNE 1 THROUGH SEPTEMBER 30

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 50,000 gallons	50,000	Gallons	\$5.800	\$290,000
2. 50,001 TO 100,000 gallons	50,000	Gallons	\$1.560	\$78,000
3. 100,001 gallons and over	115,000	Gallons	\$2.313	\$266,000
TOTALS FOR BASIS OF AWARD	215,000			\$634,000

2019 Calendar Year				
1. Zero to 50,000 gallons	50,000	Gallons	\$5.974	\$299,000
2. 50,001 TO 100,000 gallons	50,000	Gallons	\$1.607	\$80,000
3. 100,001 gallons and over	115,000	Gallons	\$2.383	\$274,000
TOTALS FOR BASIS OF AWARD	215,000			\$653,000

2020 Calendar Year				
1. Zero to 50,000 gallons	50,000	Gallons	\$6.153	\$308,000
2. 50,001 TO 100,000 gallons	50,000	Gallons	\$1.655	\$83,000
3. 100,001 gallons and over	115,000	Gallons	\$2.454	\$282,000
TOTALS FOR BASIS OF AWARD	215,000			\$673,000

2021 Calendar Year				
1. Zero to 50,000 gallons	50,000	Gallons	\$6.399	\$320,000
2. 50,001 TO 100,000 gallons	50,000	Gallons	\$1.721	\$86,000
3. 100,001 gallons and over	115,000	Gallons	\$2.552	\$294,000
TOTALS FOR BASIS OF AWARD	215,000			\$700,000

2022 Calendar Year				
1. Zero to 50,000 gallons	50,000	Gallons	\$6.655	\$333,000
2. 50,001 TO 100,000 gallons	50,000	Gallons	\$1.790	\$90,000
3. 100,001 gallons and over	115,000	Gallons	\$2.655	\$305,000
TOTALS FOR BASIS OF AWARD	215,000			\$728,000

2023 Calendar Year				
1. Zero to 50,000 gallons	50,000	Gallons	\$6.922	\$346,000
2. 50,001 TO 100,000 gallons	50,000	Gallons	\$1.862	\$93,000
3. 100,001 gallons and over	115,000	Gallons	\$2.761	\$321,000
TOTALS FOR BASIS OF AWARD	215,000			\$760,000

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R5-01-FS-Castle ATB, CA	Castle ATB, CA	USDA, FS, REGION 5	JUNE 1 THROUGH SEPTEMBER 30

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	GALLONS	\$5.930	\$593,000
2. 100,001 to 200,000 gallons	100,000	GALLONS	\$2.468	\$247,000
3. 200,001 gallons and over	100,000	GALLONS	\$2.716	\$272,000
TOTALS FOR BASIS OF AWARD	300,000			\$1,111,000

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	GALLONS	\$6.108	\$611,000
2. 100,001 to 200,000 gallons	100,000	GALLONS	\$2.542	\$254,000
3. 200,001 gallons and over	100,000	GALLONS	\$2.798	\$280,000
TOTALS FOR BASIS OF AWARD	300,000			\$1,145,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	GALLONS	\$6.291	\$629,000
2. 100,001 to 200,000 gallons	100,000	GALLONS	\$2.619	\$262,000
3. 200,001 gallons and over	100,000	GALLONS	\$2.882	\$288,000
TOTALS FOR BASIS OF AWARD	300,000			\$1,179,000

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	GALLONS	\$6.543	\$654,000
2. 100,001 to 200,000 gallons	100,000	GALLONS	\$2.723	\$272,000
3. 200,001 gallons and over	100,000	GALLONS	\$2.997	\$300,000
TOTALS FOR BASIS OF AWARD	300,000			\$1,226,000

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	GALLONS	\$6.804	\$680,000
2. 100,001 to 200,000 gallons	100,000	GALLONS	\$2.832	\$283,000
3. 200,001 gallons and over	100,000	GALLONS	\$3.117	\$312,000
TOTALS FOR BASIS OF AWARD	300,000			\$1,275,000

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	GALLONS	\$7.077	\$708,000
2. 100,001 to 200,000 gallons	100,000	GALLONS	\$2.946	\$295,000
3. 200,001 gallons and over	100,000	GALLONS	\$3.242	\$327,000
TOTALS FOR BASIS OF AWARD	300,000			\$1,330,000

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R5-02-FS-Chester, CA	Chester, CA	USDA, FS REGION 5	JUNE 1 THROUGH SEPTEMBER 30

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.917	\$592,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.387	\$239,000
3. 200,001 to 300,000 gallons	100,000	Gallons	\$2.387	\$239,000
4. 300,001 gallons and over	100,000	Gallons	\$2.655	\$265,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,335,000

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.095	\$609,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.458	\$246,000
3. 200,001 to 300,000 gallons	100,000	Gallons	\$2.458	\$246,000
4. 300,001 gallons and over	100,000	Gallons	\$2.734	\$273,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,375,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.278	\$628,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.532	\$253,000
3. 200,001 to 300,000 gallons	100,000	Gallons	\$2.532	\$253,000
4. 300,001 gallons and over	100,000	Gallons	\$2.816	\$282,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,416,000

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.529	\$653,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.633	\$263,000
3. 200,001 to 300,000 gallons	100,000	Gallons	\$2.633	\$263,000
4. 300,001 gallons and over	100,000	Gallons	\$2.929	\$293,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,472,000

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.790	\$679,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.739	\$274,000
3. 200,001 to 300,000 gallons	100,000	Gallons	\$2.739	\$274,000
4. 300,001 gallons and over	100,000	Gallons	\$3.046	\$305,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,531,000

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$7.062	\$706,000
2. 100,001 to 200,000 gallons	100,000	Gallons	\$2.848	\$285,000
3. 200,001 to 300,000 gallons	100,000	Gallons	\$2.848	\$285,000
4. 300,001 gallons and over	100,000	Gallons	\$3.168	\$320,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,595,775

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R5-03-FS-Fox Field (Lancaster), CA	Fox Field (Lancaster), CA	USDA, FS, REGION 5	JUNE 1 THOUGH NOVEMBER 30

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.960	\$596,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.300	\$460,000
3. 300,000 gallons and over	100,000	Gallons	\$2.693	\$269,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,325,000

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.139	\$614,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.369	\$474,000
3. 300,000 gallons and over	100,000	Gallons	\$2.774	\$277,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,365,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.323	\$632,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.440	\$488,000
3. 300,000 gallons and over	100,000	Gallons	\$2.857	\$286,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,406,000

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.576	\$658,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.538	\$508,000
3. 300,000 gallons and over	100,000	Gallons	\$2.971	\$297,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,462,000

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.839	\$684,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.639	\$528,000
3. 300,000 gallons and over	100,000	Gallons	\$3.090	\$309,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,521,000

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$7.112	\$711,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.745	\$549,000
3. 300,000 gallons and over	100,000	Gallons	\$3.214	\$325,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,585,000

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R5-04-FS-Fresno, CA	Fresno, CA	USDA, FS REGION 5	MAY 23 THROUGH OCTOBER 31

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.570	\$557,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$3.090	\$618,000
3. 300,001 to 700,000 gallons	400,000	Gallons	\$2.290	\$916,000
4. 700,001 gallons and over	200,000	Gallons	\$2.693	\$539,000
TOTALS FOR BASIS OF AWARD	900,000			\$2,630,000

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.737	\$574,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$3.183	\$637,000
3. 300,001 to 700,000 gallons	400,000	Gallons	\$2.359	\$943,000
4. 700,001 gallons and over	200,000	Gallons	\$2.774	\$555,000
TOTALS FOR BASIS OF AWARD	900,000			\$2,708,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.909	\$591,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$3.278	\$656,000
3. 300,001 to 700,000 gallons	400,000	Gallons	\$2.429	\$972,000
4. 700,001 gallons and over	200,000	Gallons	\$2.857	\$571,000
TOTALS FOR BASIS OF AWARD	900,000			\$2,790,000

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.146	\$615,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$3.409	\$682,000
3. 300,001 to 700,000 gallons	400,000	Gallons	\$2.527	\$1,011,000
4. 700,001 gallons and over	200,000	Gallons	\$2.971	\$594,000
TOTALS FOR BASIS OF AWARD	900,000			\$2,901,000

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.391	\$639,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$3.546	\$709,000
3. 300,001 to 700,000 gallons	400,000	Gallons	\$2.628	\$1,051,000
4. 700,001 gallons and over	200,000	Gallons	\$3.090	\$618,000
TOTALS FOR BASIS OF AWARD	900,000			\$3,017,000

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.647	\$665,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$3.688	\$738,000
3. 300,001 to 700,000 gallons	400,000	Gallons	\$2.733	\$1,093,000
4. 700,001 gallons and over	200,000	Gallons	\$3.214	\$649,000
TOTALS FOR BASIS OF AWARD	900,000			\$3,145,000

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ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R5-05-FS-Redding, CA	Redding, CA	USDA, FS, REGION 5	JUNE 1 THROUGH OCTOBER 31

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.540	\$654,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.650	\$530,000
3. 300,001 gallons and over	400,000	Gallons	\$2.792	\$1,117,000
TOTALS FOR BASIS OF AWARD	700,000			\$2,301,000

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.736	\$674,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.730	\$546,000
3. 300,001 gallons and over	400,000	Gallons	\$2.876	\$1,150,000
TOTALS FOR BASIS OF AWARD	700,000			\$2,370,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.938	\$694,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.811	\$562,000
3. 300,001 gallons and over	400,000	Gallons	\$2.962	\$1,185,000
TOTALS FOR BASIS OF AWARD	700,000			\$2,441,000

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$7.216	\$722,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.924	\$585,000
3. 300,001 gallons and over	400,000	Gallons	\$3.080	\$1,232,000
TOTALS FOR BASIS OF AWARD	700,000			\$2,538,000

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$7.504	\$750,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$3.041	\$608,000
3. 300,001 gallons and over	400,000	Gallons	\$3.204	\$1,281,000
TOTALS FOR BASIS OF AWARD	700,000			\$2,640,000

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$7.805	\$780,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$3.162	\$632,000
3. 300,001 gallons and over	400,000	Gallons	\$3.332	\$1,346,000
TOTALS FOR BASIS OF AWARD	700,000			\$2,759,000

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R5-06-FS-San Bernadino, CA	San Bernadino, CA	USDA, FS REGION 5	MAY 29 THROUGH NOVEMBER 3

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.270	\$627,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.860	\$572,000
3. 300,001 to 500,000 gallons	200,000	Gallons	\$2.330	\$466,000
4. 500,001 gallons and over	200,000	Gallons	\$2.762	\$552,000
TOTALS FOR BASIS OF AWARD	700,000			\$627,000

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.458	\$646,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.946	\$589,000
3. 300,001 to 500,000 gallons	200,000	Gallons	\$2.400	\$480,000
4. 500,001 gallons and over	200,000	Gallons	\$2.845	\$569,000
TOTALS FOR BASIS OF AWARD	700,000			\$646,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.652	\$665,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$3.034	\$607,000
3. 300,001 to 500,000 gallons	200,000	Gallons	\$2.472	\$494,000
4. 500,001 gallons and over	200,000	Gallons	\$2.930	\$586,000
TOTALS FOR BASIS OF AWARD	700,000			\$665,000

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.918	\$692,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$3.156	\$631,000
3. 300,001 to 500,000 gallons	200,000	Gallons	\$2.571	\$514,000
4. 500,001 gallons and over	200,000	Gallons	\$3.048	\$610,000
TOTALS FOR BASIS OF AWARD	700,000			\$692,000

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$7.195	\$719,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$3.282	\$656,000
3. 300,001 to 500,000 gallons	200,000	Gallons	\$2.674	\$535,000
4. 500,001 gallons and over	200,000	Gallons	\$3.169	\$634,000
TOTALS FOR BASIS OF AWARD	700,000			\$719,000

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$7.482	\$748,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$3.413	\$683,000
3. 300,001 to 500,000 gallons	200,000	Gallons	\$2.781	\$556,000
4. 500,001 gallons and over	200,000	Gallons	\$3.296	\$666,000
TOTALS FOR BASIS OF AWARD	700,000			\$748,000

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R5-07-FS-Santa Maria, CA	Santa Maria, CA	USDA, FS REGION 5	MAY 15 THROUGH NOVEMBER 15

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.596	\$659,550
2. 100,001 to 400,000 gallons	300,000	Gallons	\$2.379	\$713,593
3. 400,001 gallons and over	100,000	Gallons	\$2.720	\$272,000
TOTALS FOR BASIS OF AWARD	500,000			\$1,645,143

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.793	\$679,337
2. 100,001 to 400,000 gallons	300,000	Gallons	\$2.450	\$735,001
3. 400,001 gallons and over	100,000	Gallons	\$2.802	\$280,160
TOTALS FOR BASIS OF AWARD	500,000			\$1,694,498

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.997	\$699,717
2. 100,001 to 400,000 gallons	300,000	Gallons	\$2.524	\$757,051
3. 400,001 gallons and over	100,000	Gallons	\$2.886	\$288,565
TOTALS FOR BASIS OF AWARD	500,000			\$1,745,333

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$7.277	\$727,706
2. 100,001 to 400,000 gallons	300,000	Gallons	\$2.624	\$787,333
3. 400,001 gallons and over	100,000	Gallons	\$3.001	\$300,108
TOTALS FOR BASIS OF AWARD	500,000			\$1,815,146

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$7.568	\$756,814
2. 100,001 to 400,000 gallons	300,000	Gallons	\$2.729	\$818,826
3. 400,001 gallons and over	100,000	Gallons	\$3.121	\$312,112
TOTALS FOR BASIS OF AWARD	500,000			\$1,887,752

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$7.871	\$787,086
2. 100,001 to 400,000 gallons	300,000	Gallons	\$2.839	\$851,579
3. 400,001 gallons and over	100,000	Gallons	\$3.246	\$324,596
TOTALS FOR BASIS OF AWARD	500,000			\$1,963,262

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R6-01-FS-Medford, OR	Medford, OR	USDA, FS REGION 6	JUNE 1 THROUGH OCTOBER 15

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.300	\$530,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.920	\$384,000
3. 300,000 gallons and over	100,000	Gallons	\$2.505	\$250,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,164,000

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.459	\$546,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.978	\$396,000
3. 300,000 gallons and over	100,000	Gallons	\$2.580	\$258,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,199,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.623	\$562,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.037	\$407,000
3. 300,000 gallons and over	100,000	Gallons	\$2.657	\$266,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,235,000

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.848	\$585,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.118	\$424,000
3. 300,000 gallons and over	100,000	Gallons	\$2.764	\$276,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,285,000

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.082	\$608,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.203	\$441,000
3. 300,000 gallons and over	100,000	Gallons	\$2.874	\$287,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,336,000

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.325	\$632,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.291	\$458,000
3. 300,000 gallons and over	100,000	Gallons	\$2.989	\$302,000
TOTALS FOR BASIS OF AWARD	400,000			\$1,393,000

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R6-02-FS-Moses Lake, WA	Moses Lake, WA	USDA, FS REGION 6	JUNE 10 THROUGH OCTOBER 24

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.460	\$546,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.660	\$332,000
3. 300,001 to gallons and over	200,000	Gallons	\$2.396	\$479,000
TOTALS FOR BASIS OF AWARD	500,000			\$1,357,000

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.624	\$562,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.710	\$342,000
3. 300,001 to gallons and over	200,000	Gallons	\$2.468	\$494,000
TOTALS FOR BASIS OF AWARD	500,000			\$1,398,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.793	\$579,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.761	\$352,000
3. 300,001 to gallons and over	200,000	Gallons	\$2.542	\$508,000
TOTALS FOR BASIS OF AWARD	500,000			\$1,440,000

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.024	\$602,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.832	\$366,000
3. 300,001 to gallons and over	200,000	Gallons	\$2.643	\$529,000
TOTALS FOR BASIS OF AWARD	500,000			\$1,497,000

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.265	\$627,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.905	\$381,000
3. 300,001 to gallons and over	200,000	Gallons	\$2.749	\$550,000
TOTALS FOR BASIS OF AWARD	500,000			\$1,557,000

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.516	\$652,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.981	\$396,000
3. 300,001 to gallons and over	200,000	Gallons	\$2.859	\$578,000
TOTALS FOR BASIS OF AWARD	500,000			\$1,625,000

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
A-R6-03-FS-Redmond, OR	Redmond, OR	USDA, FS REGION 6	JUNE 1 THROUGH OCTOBER 15

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695-C	
PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2018 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.385	\$538,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.780	\$356,000
3. 300,001 gallons and over	400,000	Gallons	\$2.465	\$986,000
TOTALS FOR BASIS OF AWARD	700,000			\$1,881,000

2019 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.546	\$555,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.833	\$367,000
3. 300,001 gallons and over	400,000	Gallons	\$2.539	\$1,016,000
TOTALS FOR BASIS OF AWARD	700,000			\$1,937,000

2020 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.713	\$571,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.888	\$378,000
3. 300,001 gallons and over	400,000	Gallons	\$2.615	\$1,046,000
TOTALS FOR BASIS OF AWARD	700,000			\$1,995,000

2021 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$5.941	\$594,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$1.964	\$393,000
3. 300,001 gallons and over	400,000	Gallons	\$2.720	\$1,088,000
TOTALS FOR BASIS OF AWARD	700,000			\$2,075,000

2022 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.179	\$618,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.042	\$408,000
3. 300,001 gallons and over	400,000	Gallons	\$2.829	\$1,131,000
TOTALS FOR BASIS OF AWARD	700,000			\$2,158,000

2023 Calendar Year				
1. Zero to 100,000 gallons	100,000	Gallons	\$6.426	\$643,000
2. 100,001 to 300,000 gallons	200,000	Gallons	\$2.124	\$425,000
3. 300,001 gallons and over	400,000	Gallons	\$2.942	\$1,189,000
TOTALS FOR BASIS OF AWARD	700,000			\$2,256,000

Section B – Schedule of Items

B-4 TYPE B (BULK) ATBs - CONTRACT LINE ITEM NUMBER (CLIN) PRICING

FOB DESTINATION PRICE: Approved Products for Fixed-Wing Airtankers and only items approved from the Qualified Products List will be accepted. Conditionally approved products will not be accepted for Designated Bases. Prices will be rounded to the 2nd decimal place. All bases will be calculated with a **Estimated total tons of 10,000** for each Calendar Year and planning purposes. Unit of Measure – Bulk, is defined as a ton of product for pricing purposes.

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R1-01-FS-Coeur d'Alene, ID	Coeur d'Alene, ID	USDA, FS REGION 1	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,424.20
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,496.93
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,571.83
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,674.71
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,674.71
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,781.70

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,108.00
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,171.24
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,236.38
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,325.83
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,325.83
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,418.87

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R1-02-FS-Grangeville, ID	Grangeville, ID	USDA, FS REGION 1	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,434.74
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,507.78
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,583.02
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,686.34
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,686.34
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,793.79

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,097.46
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,160.38
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,225.20
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,314.20
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,314.20
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,406.77

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R1-03-FS-Missoula, MT	Missoula, MT	USDA, FS REGION 1	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,673.75
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,843.96
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,019.28
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,260.05
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,260.05
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,510.45

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R1-04-FS - W. Yellowstone, MT	W. Yellowstone, MT	USDA, FS REGION 1	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,540.25
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,706.46
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,877.65
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,112.76
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,112.76
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,357.27

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R2-01-BLM-Canon City, CO	Canon City, CO	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,635.00
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,714.05
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,795.47
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,907.29
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,907.29
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,023.58

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R2-02-BLM-Casper, WY	Casper, WY	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,550.68
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,627.20
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,706.02
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,814.26
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,814.26
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,926.83

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,223.94
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,290.66
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,359.38
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,453.75
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,453.75
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,551.90

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R2-03-BLM-Cortez, CO	Cortez, CO	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,628.12
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,706.96
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,788.17
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,899.70
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,899.70
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,015.69

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R2-04-BLM-Craig, CO	Craig, CO	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,636.67
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,715.77
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,797.24
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,909.13
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,909.13
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,025.50

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,297.72
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,366.65
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,437.65
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,535.16
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,535.16
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,636.56

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R2-05-BLM-Greybull,WY	Greybull,WY	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,740.40
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,822.61
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,907.29
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,023.58
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,023.58
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,144.53

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,403.12
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,475.21
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,549.47
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,651.45
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,651.45
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,757.51

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R2-06-FS-Jeffco (Denver), CO	Jeffco (Denver), CO	USDA, FS REGION 1	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,476.90
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,551.21
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,627.74
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,732.85
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,732.85
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,842.17

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,139.62
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,203.81
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,269.92
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,360.72
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,360.72
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,455.15

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R2-07-BLM-Kremmling, CO	Kremmling, CO	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,658.17
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,737.92
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,820.05
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,932.85
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,932.85
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,050.17

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,318.80
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,388.36
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,460.01
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,558.42
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,558.42
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,660.75

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R2-08-FS-Pueblo, CO	Pueblo, CO	USDA, FS REGION 2	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,656.08
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,735.76
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,817.84
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,930.55
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,930.55
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,047.77

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,317.23
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,386.74
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,458.34
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,556.68
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,556.68
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,658.95

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R2-09-BLM-Rawlins, WY	Rawlins, WY	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,489.07
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,563.74
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,640.65
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,746.28
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,746.28
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,856.13

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,150.16
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,214.66
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,281.10
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,372.35
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,372.35
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,467.24

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R2-10-BLM-Rifle, CO	Rifle, CO	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,568.76
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,645.82
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,725.20
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,834.20
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,834.20
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,947.57

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R3-01-FS-Alamogordo, NM	Alamogordo, NM	USDA, FS REGION 3	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,473.50
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,637.71
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,806.84
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,039.11
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,039.11
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,280.67

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R3-02-BLM-Roswell, NM	Roswell, NM	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,687.70
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,768.33
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,851.38
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,965.44
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,965.44
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,084.05

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,350.42
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,420.93
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,493.56
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,593.30
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,593.30
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,697.04

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R3-03-BLM-Safford, AZ	Safford, AZ	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,719.32
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,800.90
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,884.93
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,000.32
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,000.32
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,120.34

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,386.12
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,457.71
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,531.44
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,632.70
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,632.70
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,738.00

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R3-04-BIA-Show Low, AZ	Show Low, AZ	BIA	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,729.86
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,811.76
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,896.11
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,011.95
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,011.95
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,132.43

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,390.34
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,462.05
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,535.91
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,637.35
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,637.35
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,742.84

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R3-05-FS-Silver City, NM	Silver City, NM	USDA, FS REGION 3	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,891.84
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,068.59
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,250.65
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,500.68
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,500.68
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,760.70

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R4-01-BLM-Fillmore, UT	Fillmore, UT	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,761.48
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,844.32
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,929.65
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,046.84
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,046.84
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,168.71

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,424.20
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,496.93
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,571.83
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,674.71
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,674.71
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,781.70

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R4-02-BLM-Jean, NV	Jean, NV	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,557.29
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,634.01
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,634.01
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,821.55
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,821.55
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,934.41

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,223.94
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,290.66
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,359.38
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,453.75
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,453.75
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,551.90

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R4-03-BLM-McDermitt, NV	McDermitt, NV	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,687.70
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,768.33
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,851.38
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,965.44
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,965.44
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,084.05

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,350.42
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,420.93
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,493.56
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,593.30
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,593.30
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,697.04

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R4-04-BLM-Mesquite, NV	Mesquite, NV	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,688.08
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,768.72
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,851.78
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,965.86
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,965.86
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,084.49

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,350.42
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,420.93
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,493.56
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,593.30
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,593.30
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,697.04

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ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R4-05-BLM-Mountain Home, ID	Mountain Home, ID	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,434.74
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,507.78
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,583.02
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,686.34
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,686.34
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,793.79

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,108.00
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,171.24
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,236.38
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,325.83
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,325.83
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,418.87

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R4-06-BLM-Nephi, UT	Nephi, UT	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,743.71
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,826.02
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,910.80
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,027.23
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,027.23
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,148.32

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,508.52
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,583.78
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,661.29
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,767.74
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,767.74
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,878.45

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ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R4-07-BLM-Panaca, NV	Panaca, NV	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,635.00
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,714.05
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,795.47
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,907.29
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,907.29
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,023.58

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,298.69
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,367.65
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,438.68
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,536.23
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,536.23
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,637.68

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R4-08-BLM-Tooele, UT	Tooele, UT	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,519.06
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,594.63
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,672.47
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,779.37
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,779.37
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,890.54

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,181.78
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,247.23
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,314.65
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,407.24
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,407.24
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,503.53

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R4-09-BLM-Wells, NV	Wells, NV	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,635.00
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,714.05
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,795.47
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,907.29
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,907.29
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,023.58

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,302.43
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,371.50
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,442.64
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,540.35
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,540.35
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,641.96

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R5-01-FS-Bishop, CA	Bishop, CA	USDA, FS REGION 5	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,317.75
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,477.28
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,641.60
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,867.27
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,867.27
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,101.96

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R5-02-FS-Montague, CA	Montague, CA	USDA, FS REGION 5	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,540.14
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,616.34
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,694.83
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,802.63
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,802.63
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,914.73

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,202.86
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,268.95
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,337.01
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,430.49
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,430.49
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,527.71

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R5-03-FS-Porterville, CA	Porterville, CA	USDA, FS REGION 5	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,495.75
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,660.62
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,830.44
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,063.66
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,063.66
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,306.21

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R6-01-BLM-Burns, OR	Burns, OR	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,856.34
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,942.03
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,030.29
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,151.50
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,151.50
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,277.56

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,519.06
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,594.63
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,672.47
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,779.37
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,779.37
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,890.54

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R6-02-FS-John Day, OR	John Day, OR	USDA, FS REGION 6	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,519.06
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,594.63
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,672.47
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,779.37
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,779.37
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,890.54

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,181.78
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,247.23
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,314.65
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,407.24
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,407.24
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,503.53

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R6-03-FS-Klamath Falls, OR	Klamath Falls, OR	USDA, FS REGION 6	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,656.08
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,735.76
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,817.84
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,930.55
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,930.55
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,047.77

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,323.01
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,392.70
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,464.48
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,563.06
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,563.06
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,665.59

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R6-04-FS-La Grande, OR	La Grande, OR	USDA, FS REGION 6	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,687.70
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,768.33
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,851.38
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,965.44
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,965.44
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,084.05

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,339.88
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,410.08
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,482.38
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,581.67
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,581.67
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,684.94

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R6-05-BLM-Lakeview, OR	Lakeview, OR	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,067.14
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,159.15
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,253.93
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,384.09
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,384.09
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,519.45

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,750.94
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,833.47
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,918.47
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,035.21
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,035.21
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,156.62

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R6-06-BIA-Omak, WA	Omak, WA	BIA	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,550.68
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,627.20
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,706.02
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,814.26
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,814.26
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,926.83

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,213.40
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,279.80
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,348.20
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,442.12
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,442.12
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,539.81

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R6-07-BLM-Ontario, OR	Ontario, OR	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,898.50
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,985.46
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,075.02
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,198.02
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,198.02
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,325.94

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,561.22
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,638.06
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,717.20
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,825.89
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,825.89
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,938.92

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R8-01-FS-Chattanooga, TN	Chattanooga, TN	USDA, FS REGION 8	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,896.25
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,073.14
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,255.33
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,505.54
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,505.54
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,765.77

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R8-02-FS-Fayetteville, AR	Fayetteville, AR	USDA, FS REGION 8	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,807.95
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,982.19
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,161.66
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,408.12
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,408.12
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,664.45

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R8-03-FS-Lake City, FL	Lake City, FL	USDA, FS REGION 8	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek MVP-Fx			QUALIFICATION LOT NO 0403014-A/B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,673.75
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$5,843.96
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,019.28
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,260.05
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,260.05
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$6,510.45

Section B – Schedule of Items

ITEM #	ATB	AGENCY	REQUIRED DELIVERY PERIOD
B-R10-01-BLM-Ft. Wainright, AK	Ft. Wainright, AK	BLM	N/A

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-FX			QUALIFICATION LOT NO 0439-076B
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,130.38
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,224.29
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,321.02
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,453.86
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,453.86
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,592.02

QUALIFIED PRODUCT REQUIRED NAME: Phos-Chek LC95A-R			QUALIFICATION LOT NO 1051695C
PRICING CATEGORY	ESTIMATED QUANTITY (Tons)	UNIT of MEASURE	UNIT PRICE w/ Transportation Costs
2018 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,793.10
2019 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,876.89
2020 CY Estimated Total Tons (Annual)	10,000	Bulk	\$2,963.20
2021 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,081.73
2022 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,081.73
2023 CY Estimated Total Tons (Annual)	10,000	Bulk	\$3,205.00

Section B – Schedule of Items

B-5 MISCELLANEOUS PRICING

The miscellaneous services listed in CLIN 10, when ordered by the Government and performed by the contractor, may be authorized by the airtanker base manager and included on the daily sheets. These services will be paid at the rates specified below.

- | | |
|---|----------------------------|
| 10 (a) Off-load Retardant | \$ <u>0</u> / occurrence |
| 10 (b) Reload retardant into aircraft | \$ <u>0</u> / occurrence |
| 10 (c) Load aircraft with water | \$ <u>100</u> / occurrence |
| 10 (d) Extended Ready Delivery Status | \$ <u>55</u> / person / hr |
| 10 (e) Product will be supplied to support other needs as requested by the base manager at the mixed prices, regardless of whether its mixed or concentrate as requested. | Mixed Prices |
| 10 (f) Retardant used for winterization of base for circulation through manifold – 500 gallonsmaximum | Actual cost basis |

The miscellaneous services listed in CLIN 20 are only authorized by the contracting officer through a modification to the contract. These services will be paid at the rates specified below. The contractor and airtanker base manager (ATBM) shall sign the invoice, acknowledging the work has been completed to the ATBM's satisfaction, and send the complete invoice packages to the appropriate Agency payment department.

- | | |
|--|---|
| 20 (a) Call-up Outside Required Delivery Period (Pre-Delivery, Post-Delivery, and Optional Delivery Periods) | \$ <u>750</u> / day guarantee
\$ <u>1,500</u> / day guarantee VLAT |
| 20 (b) Mobilization and Demobilization (Pre-Delivery, Post-Delivery, and Optional Delivery Periods) | Actual cost basis |
| 20 (c) Utilization of additional pits which will require the need for additional personnel (Pre-Delivery, Post-Delivery and Optional Delivery Periods) | Actual cost basis |

The miscellaneous services listed in CLIN 30 are authorized only by the contracting officer through a negotiated, Firm Fixed Price (FFP), signed order on this contract. Once the order is complete, invoices shall be completed with supporting documentation for all labor and/or actual costs. The contractor and airtanker base manager (ATBM) shall sign the invoice, acknowledging the order has been completed to the ATBM's satisfaction. Complete and signed invoice packages are sent to the contracting officer for approval and the contracting shall send approved invoice packages to the appropriate Agency payment department.

- | | |
|---|----------------------|
| 30 (a) Agency personnel classroom and/or equipment certification training | Negotiated FFP order |
| 30 (b) Government owned system and/or equipment Maintenance, updates and/or repairs | Negotiated FFP order |

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C-50 FIELD TESTING OF CONDITIONALLY APPROVED QPL PRODUCTS

C-51 CONTRACT CLAUSES

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C-1 SCOPE OF CONTRACT

(a) This contract provides for the normal supply requirement of long-term fire retardant and associated services to the United States Department of Agriculture (USDA) Forest Service, Department of Interior, Bureau of Land Management, Bureau of Indian Affairs and may be used by other Government agencies with interagency agreements with any of the above. The resultant contract is a fixed-price requirements type contract for long-term fire retardant and associated services as needed for the designated Airtanker Bases (ATB) listed in the Schedule (see Section B – Schedule of Items).

(b) The long-term fire retardant to be furnished shall be qualified and approved on the Qualified Products List (QPL) in accordance with U.S. Department of Agriculture, Forest Service, Specification for Long Term Retardant, Forest Fire, Aircraft or Ground Application, 5100-304c with amendments. This list can be found at Section D – Exhibit J-5 – Forest Service Qualified Product List - Long-Term Fire Retardant. The retardant product to be furnished shall be identical to the qualified lot number inserted in the space provided in Section B – Schedule of Items - CLIN Pricing. A single lot number shall be inserted for each product.

(c) The contractor shall supply, mix, store, and load long-term fire retardant, as required and meeting Specification 5100-304c with amendments (latest - Amendment No. 3, 17 May 2010), into airtankers or as directed for use in suppression of wildland fires. Only products approved and listed on the Qualified Products List (QPL) for Permanent Bases (see Section D – Exhibit J-5) will be accepted as long-term fire retardant for award purposes in the schedule of items for designated bases.

(d) Contract includes personnel necessary for operating the retardant base as specified herein. At the Government's request, the contractor shall also be required to off-load retardant from aircraft, reload or load aircraft with water. The supplying of retardant into the aircraft shall include all equipment (except Government furnished), labor, and retardant materials necessary for the handling of the retardant.

(e) Due to the sporadic nature of fire activity, the Government does not guarantee placement of any orders for retardant.

(f) Contractor may only bid fully qualified Long-Term Fire Retardant product(s) listed on the Qualified Product List at the time of opening as per the Schedule of Items.

(g) Contractor furnished equipment shall be sufficient to meet daily peak demand as specified in Section D – Exhibit J-1 - Facility, Government & Contractor Equipment.

(h) As identified in Section D – Exhibit J-1, as applicable under other “base needs” the contractor shall be responsible for the disposal of wash down products that contractor is responsible for generating and associated costs. For washdown and other cleanup related disposal, not caused by contractor, contractor may assist the agency with disposal. Cost will be responsibility of agency.

(i) All products are allowed a certain amount of degradation over time. If a product for some reason is deemed unusable and out of spec after this consideration, the program manager and Missoula Technology and Development Center (MTDC) will discuss, with contractor, allowable adjustments. If product is unable to be brought back to acceptable range, the contractor will remove any concentrate or mixed product that is out of specification and deemed unusable for any purpose by the Airtanker Base Manager and COR/CO within 30 days of identification.

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- (j) Only products that appear on the Long Term Retardant Qualified Products List (QPL) shall be considered for substitution:
- (i) Substitution of a different approved qualification lot number within a single retardant product trade name must be approved in writing in advance by the contracting officer.
 - (ii) Dis-similar approved retardant products may also be requested for substitution.
 - (iii) Conditionally-approved products may be requested for substitution of a fully approved product.
 - (iv) Requests for a proposed substitution shall be submitted in writing to the contracting officer within seventy two (72) hours after the point in time that the contractor determines that a substitution will become necessary and before any changeover in the production of the new lot begins.
- (k) After the award of a contract for a specific product for a designated airtanker base, a change in product type, once approved by the Government shall be supported by the contractor. For example, a change from liquid concentrate to dry powder or a change from dry powder to liquid concentrate requires that the contractor provide technical assistance to base personnel for establishing operations to include training on handling, storing, recirculation, mixing and loading the retardant product.

C-2 REQUIREMENTS (FAR 52.216-21) (OCT 1995)

- (a) This is a requirements contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies or services specified in the Schedule are estimates only and are not purchased by this contract. Except as this contract may otherwise provide, if the Government's requirements do not result in orders in the quantities described as "estimated" or "maximum" in the Schedule, that fact shall not constitute the basis for an equitable price adjustment.
- (b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. Subject to any limitations in the Order Limitations clause or elsewhere in this contract, the Contractor shall furnish to the Government all supplies or services specified in the Schedule and called for by orders issued in accordance with the Ordering clause. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.
- (c) Except as this contract otherwise provides, the Government shall order from the Contractor all the supplies or services specified in the Schedule that are required to be purchased by the Government activity or activities specified in the Schedule.
- (d) The Government is not required to purchase from the Contractor requirements in excess of any limit on total orders under this contract.
- (e) If the Government urgently requires delivery of any quantity of an item before the earliest date that delivery may be specified under this contract, and if the Contractor will not accept an order providing for the accelerated delivery, the Government may acquire the urgently required goods or services from another source.
- (f) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern

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the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after three months after expiration of this contract.

C-3 GOVERNMENT FURNISHED PROPERTY

The Government will provide Government furnished property to the contractor at the bases and as listed in Section D – Exhibit J-1. Government furnished property will be available at the time of contract award. Contractors are encouraged to visit the site to verify the information contained in this section.

C-4 CONTRACTOR FURNISHED PROPERTY

The contractor shall furnish continuous flow or batch mixing equipment that is not owned by the agency and available at the base to handle, store, mix, recirculate, load, and off-load the retardant product, as directed. A contractor-furnished equipment list shall be submitted with the proposal. See Section D – Exhibit J-1 for a list of Government Furnished equipment. The following equipment may be required, but is not limited to:

- (a) Equipment includes, but is not limited to, handling equipment (ie. Forklifts), blending equipment, storage equipment, water systems, recirculation equipment, retardant dispensing pump, above ground pipe, manifold, fittings, hose, and valves necessary to mix and load aircraft to meet minimum requirements. The contractor shall provide equipment to remove and return unused retardant solution from loaded aircraft to storage, as directed.
- (b) The contractor shall provide a sampling valve to be installed between the loading pump and aircraft loading valve for quality assurance testing.
- (c) The contractor shall provide instruments (i.e., Refractometer, Marsh Funnel) and material needed to measure specific gravity and viscosity of retardant solutions.
- (d) Some ATBs may require extensive contractor-furnished equipment. A site visit is advisable to establish the contractor-furnished equipment needs.
- (e) The contractor shall install, maintain and secure all contractor-furnished equipment such that during proper operation of the equipment contamination will not occur.
- (f) The contractor furnished equipment shall be sufficient to meet the daily peak demand as specified in Section D – Exhibit J-1.

C-5 REMOVAL OF CONTRACTOR-FURNISHED PROPERTY

- (a) Retardant or retardant components remaining at the end of a contract period may be held in Government owned tank(s) or facilities, upon the written request of the contractor and approved by the contracting officer.
- (b) Equipment furnished by the contractor may be either removed or stored at the tanker base during the Optional Period, upon the written request of the contractor and approval by the contracting officer.

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(c) If the contract is not renewed or the contractor is not the successful bidder on the subsequent contract, the retardant and all contractor-furnished property must be disposed of or removed at contractor's expense within 30 days, or per a mutually agreeable schedule, ground and weather conditions permitting, upon written notice by the Government and prior to final acceptance of the contract. The contractor shall flush and clean all remaining Government equipment of residual product.

C-6 GOVERNMENT RESPONSIBILITIES

(a) The movement and parking of aircraft for the loading of retardant will not be performed by contractor personnel.

(b) The Government will be responsible to inspect and provide oversight to testing as described herein.

(c) The Government is responsible to maintain all Government provided equipment in good working condition, however the Government may request the contractor perform maintenance. If there is a cost to the contractor to perform the requested maintenance, the Government representative will contact the Contracting Officer Representative or the contracting officer with the request. The contracting officer will obtain an official quote prior to the work proceeding. The associated invoice will be submitted to the contracting officer for approval and will contain the appropriate documentation to support the invoice. Once approved the contractor will submit the invoice through regular payment procedures.

C-7 CONTRACTOR RESPONSIBILITIES

(a) The contractor shall provide well-trained (meeting requirements outlined below), competent personnel to mix, load, store, and off-load fire retardant. All work under this contract shall be performed timely and in a skillful, professional manner. The contracting officer may, in writing, require the contractor to remove from the work site any employee deemed incompetent, unsafe, careless or otherwise objectionable or for theft, possession and/or removal of materials, supplies, equipment or any Government-owned or leased property.

(i) Minimum qualifications for each crewmember shall consist of classroom and On the Job training (OJT), which includes mixing procedures, aircraft type and capability, OSHA standards, and understanding of the base operating plan. Hot reloading training will be accomplished in conjunction with agency personnel in accordance with procedures as outlined in the Interagency Airtanker Base Operations Guide and the base specific hot-reloading plan.

(ii) Documentation of training shall be provided to the contracting officer.

(b) The contractor shall keep all equipment and supplies at each base clean, neat, orderly, and painted in colors that are preapproved and acceptable to the contracting officer. All empty bags and other litter shall be picked up and disposed of at least daily. All containers must be kept neatly stored.

(c) The contractor shall utilize all Government furnished equipment with appropriate care and follow all instruction, operating procedures, and other necessary directions for use. The contractor shall perform all normal or typical maintenance on the Government furnished equipment as consideration for use of the Government furnished equipment. If in the scope of the contractor performing work, the equipment breaks through normal use, the Government will work with the contractor to determine the best approach to repair or replace the equipment. If it is determined that the equipment broke or failed in some manner due to carelessness, not following operating instructions, misuse or abuse by

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contractor personnel, the Government reserves the right to require the contractor to repair or replace the equipment at the contractor's expense.

(d) The contractor shall be responsible for cleaning up all spillages caused by mixing and loading operations. The contractor shall wash spillage from loading ramps and shall keep retardant washed off the equipment. [See Hazardous Material Identification and Material Safety Data, FAR 52.223-03] The contractor shall clean up any concentrate or mixed solution that leaks, drips, or runs where equipment is set-up, including all tanks, hoses, nozzles, concentrate containers, etc. which creates an unsafe area or unsightly appearance. The agency manager is responsible for wash-down effluent disposal procedures. Any special precautions must be fully disclosed in Section D - Exhibit J-1 in the individual ATB notes with necessary guidelines.

(e) The contractor shall comply with the base-operating plan. A copy can be obtained through the contracting officer.

(f) As a minimum, the contractor will perform testing as specified herein.

(g) The contractor shall comply with the safety and health standards applicable to retardant mixing and loading operations. (Reference OSHA General Industrial Standards 29 CFR 1910). The contractor shall also develop and post an operations plan, which has been developed in concert with the Fire Agency's base operating plan. The plan will include as a minimum:

- (i) an employee organization chart showing lines of authority,
- (ii) a complete list of duty assignments for each position,
- (iii) a description of proper work procedures for each assignment,
- (iv) a safety briefing with a list of safety rules for the operation, and,
- (v) a plan to provide follow-up training for all personnel.

The contractor shall ensure that all employees read and understand this operations plan before they begin work at this facility.

(h) INCIDENT BEHAVIOR

It is extremely important that inappropriate behavior be recognized and dealt with promptly. Inappropriate behavior is all forms of harassment including sexual and racial harassment. Harassment in any form will not be tolerated. Non-prescription unlawful drugs, medical marijuana, and alcohol are not permitted at the incident or work site. Possession or use of these substances will result in the contractor being released from the incident or work site. During off-incident periods, personnel are responsible for proper conduct and maintenance of fitness for duty. Drug or alcohol abuse resulting in unfitness for duty will normally result in the contractor being released from the incident.

[Sexual harassment is defined as unwelcome sexual advances, request for sexual favors, and other verbal or physical conduct of a sexual nature constitute sexual harassment when (1) submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment, (2) submission to or rejection of such conduct by an individual is used as the basis for employment decisions affecting such individual, or (3) such conduct has the purpose or effect of unreasonably

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interfering with an individual's work performance or creating an intimidating, hostile, or offensive working environment].

C-8 TECHNICAL REQUIREMENTS

- (a) Retardant supplied through this contract must be qualified and approved for use at permanent bases (See Section D - Exhibit J-5).
- (b) All aircraft shall be loaded to their contracted load capacity or as directed by the contracting officer. The pilot of the aircraft may request the aircraft not be filled to their contracted load capacity due to product remaining in tank or weight concerns.
- (c) The contractor may be required to hot load aircraft.
- (d) Aircraft loading nozzles shall be 3-inch "Kamlock" type, or equal, equipped with shutoffs.
- (e) The contractor shall provide continuous flow loading capabilities for retardant delivery into the aircraft and any storage capacity necessary to meet the daily peak demand as specified in Section D – Exhibit J-1. This will be provided with the loading capability of a minimum rate of 400 gallons per minute and maximum of 500 gallons per minute except all Single Engine Airtankers shall be loaded at 200 gallons per minute capacity, only. The Airtanker Base Manager or designated personnel will provide all/any other loading requirements or limitations.
- (f) The contractor shall provide off-load storage capacity as specified in Section D – Exhibit J-1, separate from base storage tanks and loading facilities

C-9 PACKING FOR DOMESTIC SHIPMENT (AGAR 452.247-72) (FEB 1988)

Material shall be packed for shipment in such a manner that will insure acceptance by common carriers and safe delivery at destination. Containers and closures shall comply with the Interstate Commerce Commission regulations, Uniform Freight Classification Rules, or regulations of other carriers as applicable to the mode of transportation.

C-10 ADDENDUM TO FAR 52.214-4 (A) INSPECTION/ACCEPTANCE

- (a) Type A (Full Service) ATBs with mixed product:
 - (i) The Government shall inspect the mixed product for compliance with the specifications for mixed product. Inspection will take place as shown below in testing.
 - (ii) The delivery destination of the mixed retardant is inside the aircraft being loaded. Acceptance of the mixed product takes place when the product has entered the aircraft.
 - (iii) Acceptance tests will be conducted in accordance with the procedures and requirements established during the qualification test. The tests will generally be conducted prior to acceptance of the mixed retardant and will consist of simple measurements and requirements such as visual observations, salt content, and viscosity.
- (b) Type B (Bulk) ATBs with non-mixed product:

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(i) For payment purposes only, "inspection and acceptance" of supplies delivered will occur at the time of acknowledgement of receipt of the supplies at the point of destination. Passage of title will also occur at this time.

C-11 MARKING

(a) General Requirements - Interior packages, if any, and exterior shipping containers shall be marked as specified below. Additional marking requirements may be specified on delivery orders issued under the contract. If not otherwise specified, interior packages and exterior shipping containers shall be marked in accordance with Federal Standard 123, edition in effect on the date of issuance of the solicitation.

(b) Improperly Marked Material - When Government inspection and acceptance are made at destination, and delivered supplies are not marked in accordance with contract requirements, the Government has the right, without prior notice to the Contractor, to perform the required marking, by contract or otherwise, and charge the Contractor at the actual cost. This right is not exclusive, and is in addition to other rights or remedies provided for in this contract.

C-12 PACKING LIST

A packing list or other suitable shipping document shall accompany each shipment and shall show the:

- (1) Name and address of consignor,
- (2) The name and address of consignee,
- (3) Government purchase order number,
- (4) Government bill of lading number covering the shipment, if any, and
- (5) Description of the material shipped (Materials Shipping Data Sheet), including shipping lot number and qualification lot number, item number, quantity, number of containers, and package number, if any.

C-13 NOTIFICATION OF SHIPMENT OF CONDITIONALLY APPROVED PRODUCTS

The Contractor shall notify the Contracting Officer's Representative (COR), or Inspector at the time an order is placed for the initial shipment to any/all locations of a conditionally approved product for use under the contract. The following data should be given in the notification:

- (1) - Shipping Date
- (2) - Shipping Lot Number
- (3) - Qualification Lot Number
- (4) - Airtanker Base
- (5) - Government Purchase Order Number
- (6) - Quantity

C-14 TITLE TO BINS AND BULK BAGS

The title to bins and bulk bags shall remain with the contractor. The Government will reasonably protect and store containers for pick-up by the contractor. The contractor shall make arrangements to pick-up bins/bags every 30 days.

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C-15 QUALITY ASSURANCE TESTS

Quality Assurance Testing shall be performed during mixing and pumping operations in accordance with (Lot Acceptance, Quality Assurance, and Field Quality Control for Fire Retardant Chemicals, Publication Number: NFES 1245). Field Quality Control testing shall be accomplished by the contractor and monitored by the Base Manager and contracting officer. Test results shall be recorded on similar forms furnished in the back of the Field Quality Control of Fire Retardant Chemicals publication.

Quality Control Testing. Quality Control Testing is the testing done at the base to ensure that product going to the field is of proper quality. All test results shall be recorded and maintained for future reference. Base Managers are responsible for oversight and insuring that the following is accomplished:

- (a) The base personnel (Government or contract) shall be required to test every aircraft load for salt content (refractometer reading) as follows:
 - (i) Wet Concentrate Products – Sample and test at least 3 times during the loading operation, i.e. early in the loading, near middle of load, and late in the loading operation.
 - (ii) Dry Concentrate Products –Sample and test every aircraft load as it is being loaded into the aircraft.
- (b) The base personnel shall test for viscosity by taking samples every five (5) to ten (10) aircraft loads and analyzing the samples at the end of each day if the product is a thickened product.
- (c) The base personnel shall re-circulate mixed and concentrated retardant as appropriate for the product.
 - (i) Each batch of mixed retardant made from dry powder concentrate shall be tested for salt content by refractometer reading and adjusted as necessary before transferring to storage tanks.
 - (ii) Mixed retardant will be tested for salt content by refractometer in the storage tank when additional mixed retardant is added. This usually occurs during active loading of aircraft.
- (d) The base personnel shall test mixed retardant in storage for compliance with salt content and viscosity every 7 days following recirculation.
- (e) The Government has the right to take random samples for assurance testing to meet QPL requirements. Quality assurance tests will be conducted in accordance with the procedures and requirements established during product qualification. These quality assurance tests will be conducted by the Government or at private laboratories at the discretion of the Government and will consist of quantifying physical and chemical properties by appropriate laboratory analysis.
- (f) The retardant products are qualified only at the mix ratios shown on the Qualified Products List (Section D - Exhibit J-5) and adjusted only as necessary to stay within the indicated acceptable range of refractometer readings as shown on the table of Retardant Characteristics (Section D - Exhibit J-6).

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C-16 LOT ACCEPTANCE AND QUALITY ASSURANCE

Lot Acceptance and Quality Assurance (LAQA): LAQA program is the Forest Service's means of spot-checking fire retardants used by large airtanker and SEAT bases and helps assure that a high standard of quality is maintained by the retardant manufacturing companies and agency tanker bases. The National Retardant Contract requires involvement in the program through submission of samples on all retardant received as part of the inspection process.

The number of samples a base sends to the lab at Wildland Fire Chemical Systems (WFCS) depends on the severity of the fire season and amount of retardant received at the base. There are four categories of samples.

This program consists of EVERY BASE sending the following retardant samples:

- (1) Base Opening sample: When your base opens in the spring or early summer and the retardant is thoroughly recirculated, take a one quart sample from each tank (we strongly suggest using the firefighting 1 qt. plastic water canteens available from your national interagency support cache). You may need to bleed some retardant from the sampling port to be sure you're actually sampling the contents of the tank. Label this sample "base opening" or "overwinter," include the date the sample was taken and tank identification, and send to WFCS.
- (2) Truckload sample: Every shipment of retardant that your base receives during the season, whether it's a tanker load of liquid or a truckload of bags, needs to be sampled and tested at your base and a one quart sample sent to WFCS for confirmatory tests. Please include the shipper number and bag tag or batch number, in addition to the date and base information.
- (3) Base Closing sample: Just before closing for the winter, recirculate the contents of each tank thoroughly, take a one quart sample from each tank, label it as the "base closing" sample, include the date the sample was taken and tank identification and send to WFCS. As with the Base Opening sample, you may need to bleed some retardant from the sampling port to be sure you're actually sampling the contents of the tank.
- (4) Troubleshooting samples: Any sample that is sent to WFCS will be tested. If your retardant doesn't look or seem quite right, feel free to send a sample to WFCS and we will test it for you. This sample must be adequately identified and a description of the problem should be included.

Every sample needs to be labeled clearly and accurately. Self-adhesive labels are available from WFCS. Using these labels and supplying the requested information will assure the fastest turnaround of the testing of your samples.

After receiving samples, WFCS will perform some basic quality control tests, such as checking viscosity, salt content (refractometer reading), density and pH. Generally, WFCS will have test results back to the bases within 24 hours of receiving the samples.

Because the LAQA program is viewed as cooperative rather than adversarial, if there is a problem with a sample, WFCS may contact the base and verify the situation. If necessary, we may offer some suggestions to remedy the issue and may involve the supplier in developing a solution.

The retardant products are qualified only at the mix ratios shown on the Qualified Products List (Section

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D - Exhibit J-5) and adjusted only as necessary to stay within the indicated acceptable range of refractometer readings as shown on the table of Retardant Characteristics (Section D - Exhibit J-6).

In addition to the samples already described, sufficient samples need to be taken and tested at reasonable intervals to assure that equipment is calibrated and that the retardant maintains proper quality. The basic tests are the same as those performed for the LAQA program, but are done at the base by base personnel. Although the contractor's representative may be designated to perform the tests routinely, it is important to understand that sampling is ultimately the responsibility of the agency representative. This sampling and testing is designated as base quality control and includes the following:

- (1) Salt content (refractometer or hydrometer) of each aircraft load.
- (2) Viscosity: every 5-10 aircraft loads. Analyzed by end of each day.
- (3) Salt content and viscosity of retardant in storage every seven days.

The results of all testing on base samples should be recorded and retained by the agency for internal use, which can be useful in tracking the source of problems, should they occur. Do not send these samples or results to WFCS unless there is a problem you need help with.

Additionally, a Fire Chemical Use Report will be sent to each base and needs to be filled out and returned to WFCS at the end of each season. It may be helpful to keep track of some of the information (such as number of planes loaded) throughout the fire season. An electronic version of the Fire Chemical Use Report can be found at:

<http://www.fs.fed.us/rm/fire/wfcs/index.htm>

- click on Lot Acceptance and Quality Assurance Program
- click on Retardant Use form at bottom of page

It is the responsibility of each manager (at both permanent and portable bases) to fill out this report and return it to WFCS. This information is used to fill out the EPA Form R, which is a component of the Toxic Release Inventory, and is required from certain bases by the EPA.

If you have any questions, please let us know. We appreciate your input, questions, concerns, etc.

Shirley Zylstra
Wildland Fire Chemical Systems
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Missoula, MT
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C-17 EFFECTIVE PERIOD OF THE CONTRACT (AGAR 452.211-75) (FEB 1988)

The effective period of this contract is from 1 July 2018 through 30 June 2023, provided all options are exercised. The effective periods of the contract are as follows:

Base Year – 1 July 2018 through 30 June 2019;

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- Option Year 1 – 1 July 2019 through 30 June 2020;
- Option Year 2 – 1 July 2020 through 30 June 2021;
- Option Year 3 – 1 July 2021 through 30 June 2022; and
- Option Year 4 – 1 July 2022 through 30 June 2023.

In the event the Option to Extend Services FAR 52.217-8 is exercised at the end of the Option Year 4, the effective period of this contract is through 31 December 2023.

C-18 DELIVERY LOCATION (AGAR 452.247-70) (FEB 1988)

Shipment of deliverable items, other than reports, shall be to locations as designated in Attachment 1 - Section B Schedule of Items.

C-19 REQUIRED DELIVERY PERIOD AND DELIVERY TIME

Required delivery period for Type A (Full Service) ATBs will be as designated in Attachment 1 - Section B Schedule of Items.

Delivery times for Type B (Bulk) ATBs:

- (a) Normal Delivery – (as applicable) Deliveries to destination, in Geographic FS Regions 1, 2, 3, 4, 5, & 6 shall be made within 48 hours after the receipt of an order.
- (b) Deliveries in FS Region's 8 & 9 shall be made within 96 hours after receipt of an order. If expedited delivery is requested, delivery must be within 24-48 hours of order to meet the requirements for expedited charges.
- (c) Alaska Delivery (as applicable) (FS, Region 10) - Fairbanks, Alaska, deliveries shall be made within 30 days after receipt of an order. Expedited delivery to Fairbanks will be made within 10 days as stated on the order. Ft Yukon, Alaska, deliveries shall be made within 60 days after receipt of an order.

C-20 PRE- AND POST-PERIOD DELIVERY FOR TYPE A (FULL SERVICE) ATBs

The Government reserves the right to order retardant for the period 60 days before and 60 days after the Required Delivery Period at the prices specified in the contract. During the Pre- and Post-Periods, the Contractor must deliver retardant as specified herein within 24 hours of receipt of an order.

C-21 OPTIONAL PERIOD DELIVERY FOR TYPE A (FULL SERVICE) ATBs

Outside the Required Delivery Period and any Pre-Delivery and Post-Delivery Periods, the Government may request service on an intermittent basis. This period is called the Optional Period. Orders placed during this period will be subject to acceptance by the contractor. If accepted, all terms and conditions of the contract will apply.

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C-22 READY DELIVERY STATUS

(a) Ready delivery status is defined as the ability to begin pumping and loading operations within 3 minutes after an order is placed. Ready delivery status shall be maintained during the normal operating day.

(b) The normal operating day is 9 hours. The contracting officer, Contracting Officer Representative, or Airtanker Base Manager shall establish and may change the times of the normal operating day by issuance of a work order as necessary. However, the normal operating day may not exceed the number of hours stated herein unless aircraft are being loaded OR unless the mixing crew is ordered to be in extended ready delivery status. At joint California Division of Forestry (CDF) CalFire/USDA FS bases, the normal operating day will constitute 10 ½ hours per day and should be bid accordingly. There will be no extended ready delivery status until the passage of 10 ½ hours.

(c) Occasional temporary time changes to the normal operating day may be made by verbal notification to the contractor by the close of business the preceding day.

C-23 RETURN-TO-READY DELIVERY STATUS

(a) The contractor shall inform the contracting officer as to how appropriate personnel may be contacted. These persons will be allowed 1 (one) hour from the initial attempt by the Government to contact the contractor or his authorized representative to provide ready delivery status.

(b) If not requested to be on Return-to-Ready Delivery Status, contractor personnel will be considered to be off duty and may not be required to Return-to-Ready Delivery Status that day.

C-24 ORDERING (FAR 52.216-18) (OCT 1995)

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued from contract award through 30 June 2023.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c) If mailed, a delivery order or task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

C-25 ADDENDUM TO FAR 52.216-18 ORDERING

(a) For Type A (Full Service) ATBs, Orders given to maintain ready delivery status during the Required Delivery Period, Pre, Post, or Optional Period may be made orally and will be documented in writing by Project Inspector/COR.

(b) Orders for long-term fire retardant for the Type B (Bulk) ATBs listed in Section B may be issued by one of the following:

- (i) United States Department of Agriculture, Forest Service

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- (ii) United States Department of Interior, Bureau of Land Management, and
- (iii) Other agencies with interagency agreements with any of the above.

(c) The Orders referenced above in (b) may be issued orally by authorized Base Managers. All oral orders will be followed-up with a confirming written order by the appropriate acquisition office. Agencies placing the order should request confirmation/acknowledgement of receipt of the order by the contractor especially when there is a critical need for the supplies.

(d) No other acquisition instruments shall be paid under this contract.

C-26 ORDER LIMITATIONS (FAR 52.216-19) (OCT 1995)

The following order limitations apply to Type B (Bulk) ATBs:

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than 22 tons, the Government is not obligated to purchase, nor is the contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The contractor is not obligated to honor—

(i) Any order for a single item in excess of 176 tons for dry products or 200 tons for liquid products;

(ii) Any order for a combination of items in excess of 176 tons for dry products or 200 tons for liquid products.

(iii) A series of orders from the same ordering office within 3 days that together call for quantities exceeding the limitation in subparagraph (1) or (2) above.

(c) This is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)). Under this contract, the Government is not required to order a part of any one requirement from the contractor if that requirement exceeds the maximum-order limitations in paragraph (b) above.

(d) Notwithstanding paragraphs (b) and (c) above, the contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 24 hours after notification of the order, with written notice stating the contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

C-27 MINIMUM AND MAXIMUM CONTRACT AMOUNTS (AGAR 452.216-73) (FEB 1988)

During the period specified in C-24 Ordering (FAR 52.216-18), the Government shall place orders totalling a minimum of \$ 0.00, but not in excess of \$ 220,000,000.00.

C-28 FOOD AND DRINK

Retardant contract personnel shall provide their own meals during periods of daily availability to include extended standby.

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C-29 FUEL SURCHARGE – (ADDENDUM TO 52.216-4 ECONOMIC PRICE ADJUSTMENT)

The Government will reimburse the contractor for a fixed rate fuel surcharge per truckload at each base. The amount of any fuel surcharge imposed as a part of the total freight charges for each shipment of retardant is found at the table in Section D – Exhibit J-7 – Fuel Surcharge Table. The contractor shall provide, at the beginning of each calendar year, a proposed rate based on detailed data from the previous year consisting of actual freight charges and actual fuel surcharges. The fixed rate will be established and reestablished annually for each base by mutual agreement based on the rate provided by the contractor and negotiated.

The contractor warrants that the surcharge imposed is not in excess of any fuel surcharge imposed on other forms for whom the transportation firms used provides freight hauling services. The fuel surcharge shall be listed as a separate item on transportation freight bills and invoices for the payment of the item furnished. Invoices containing fuel surcharges must be submitted and received by the air tanker base no later than 45 days from shipment in order to be paid; otherwise payment may not be allowed. Invoices for fuel surcharges will be submitted to the Airtanker Base Managers for processing. The Airtanker Base Manager or their designee will date stamp date of receipt and submit to the Albuquerque Service Center no later than five days of receipt unless there are problems with the invoices.

Occasionally, retardant may be relocated from an airtanker base to a non-contracted location or alternate contract tanker base at contractor request. If this should occur, when the airtanker base is restocked, then a credit will be given for the restock fuel surcharge.

C-30 AUTHORIZED BREAKS

During the contract period, when conditions permit, the contracting officer may approve authorized breaks to allow contractor's personnel time off from the base.

C-31 FAILURE TO PERFORM

(a) If the contractor fails to provide ready delivery status, the Government reserves the right to take over contractor's operations. If the Government exercises this right, the contractor shall be liable for all costs incurred resulting from failure to perform.

(b) If the contractor fails to perform as required, the Government reserves the right to dispatch the Airtanker(s) to alternate base(s) for loading of fire retardant in an emergency situation. If the Government exercises this right, the contractor shall be liable for all incurred costs resulting from failure to perform, including but not limited to, hourly flight time for the Airtanker(s), standby time, and any increase in cost for the retardant.

(c) The above remedies for the contractor's failure to perform are in addition to, and do not limit, the remedies provided in FAR 52.212-4(m) Termination for cause.

C-32 GOVERNMENT OPERATION OF CONTRACTOR PLANT

During or outside of the required delivery period, the Government may operate the retardant plant on an intermittent and short-term basis if contractor personnel are not available. The Government will attempt to contact the contractor to secure their approval prior to operating the retardant plant.

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Payment for the retardant will be made at the applicable bid rate in Section B Schedule of Items.

C-33 OFFICE SPACE AND AMENITIES

Office space if available in existing airtanker base facilities should be identified and made known in Section D – Exhibit J-1 under the “Notes” section. The contractor should inquire as to the condition of the office space as well as the size in order to properly determine if it will meet their staffing needs. If the space available will not work, the airtanker base manager and contractor will determine an appropriate alternative.

The contractor personnel will have access to the same amenities as government personnel in terms of restrooms and break areas for meals.

C-34 FUGITIVE USAGE AT TYPE A (FULL SERVICE) ATBs

For special projects/fires, (i.e., national parks, etc.), Type A (Full Service) ATBs are authorized to switch to a fugitive product when needed. At that time, the cost for the fugitive product will be negotiated with the contracting officer. A minimum of one (1) truckload is required to order. If the product is returned (full Phos-bin) there will be a 5% restock charge for the returned material and in addition a fuel surcharge may be assessed for freight costs.

C-35 METHOD OF MEASUREMENT FOR TYPE A (FULL SERVICE) ATBs

The primary method of measurement will be mass flow meter and the inventory method will be used as a backup check. Methods will be used in accordance with the following:

- (a) Mass Flowmeter® Method (Micro Motion®)
 - (i) Retardant will be measured in gallons. All retardant will be delivered through mass flowmeters reading in total pounds delivered. Pounds will then be converted to gallons for payment.
 - (ii) Calibration and verification to insure meter accuracy will be performed as stated in the following Forest Service guide: "User/Procurement Manual for Retardant Measurement Mass Flowmeter". Each meter will be calibrated annually as early in the season as possible by the Government. Verification of meter accuracy may be requested at anytime at the request of the contractor or contracting officer. Such verification will be performed in the presence of the contractor and the contracting officer. If during the season, micro motion meter discrepancies occur, the cost of recalibration will be paid by either the Government or the contractor depending on recalibration results. If the micro motion meter is calibrated correctly, then the contractor will pay for the recalibration, and if incorrectly calibrated the Government will pay for the cost.
 - (iii) All gallons of retardant used and all other services will be recorded on the Retardant Inventory/Use Worksheet (Section D – Exhibit J-2). This form shall be completed on a daily basis.
- (b) Inventory Method
 - (i) The contractor shall deliver bulk retardant by the ton to each retardant base, record the

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number of tons, and attach the truck weight invoices to the Retardant Inventory/Use Worksheet (Section D – Exhibit J-2)

(ii) Retardant will be measured in gallons converted from pounds delivered using the Retardant Inventory/Use Worksheet.

(a) Bulk retardant (converted to gallons) on hand at the retardant base at the beginning of the 2-week period, plus

(b) Mixed retardant (in gallons) on hand at the retardant base at the beginning of the 2-week period, plus

(c) Total tons of retardant (converted to gallons) delivered to the retardant base, less

(d) Bulk retardant (converted to gallons) on hand at the retardant base at the end of the two-week period, less

(e) Mixed retardant (converted to gallons) on hand at the retardant base at the end of the two-week period.

C-36 BASIS OF PAYMENT FOR TYPE A (FULL SERVICE) ATBs

(a) Retardant.

(i) Payment will be made at the applicable bid rate in Section B, Schedule of Items, per gallon for actual gallons of retardant delivered into the aircraft. Unit prices for each sub-item will be applied until the gallons of retardant delivered exceeds that sub-item quantity limit; i.e., first, sub-item A unit price will be applied until the sub-item A quantity limit is reached; then sub-item B unit price comes into effect until the quantity limit in sub-item B is reached; and so forth. For all quantities of retardant over and including the starting quantity for the last sub-item, the unit price for that last sub-item will be applied until the end of the contract year. Sub-item quantity limits will be activated at the start of the initial contract year and at the start of each renewal year.

(ii) When retardant salt content falls outside the acceptable range (see Section D – Exhibit J-6 Retardant Characteristics and Mix Factors Table, and Publication NFES 1245, "Lot Acceptance, Quality Assurance, and Field Quality Control for Fire Retardant Chemicals") an appropriate payment deduction will be made by the contracting officer.

(b) Off-Loading, Re-Loading, and Water Loading. Payment will be made for off-loading, reloading, and water loading on a per occurrence basis at the specified rates shown in Section B.

(c) Extended Ready Delivery Status. The contractor will be paid at an hourly rate (rounded to the next full hour) specified in Section B for each authorized crew member whenever the Agency requires ready delivery status in excess of the applicable normal working day hours (See Section C-22 - Ready Delivery Status). The first 9 hours of Ready Delivery Status (or 10 1/2 as referenced in Ready Delivery Status) each day will be considered the normal operating day.

(d) Call-Up Outside Required Delivery Period. When required to be in Ready Delivery Status during the 60 day Pre-, Post-, or Optional Periods, a minimum of 3 days call-up is guaranteed. If during the

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pre-delivery, or post-delivery, or optional delivery periods less than 10,000 gallons of retardant is pumped in any day \$750 per day for Seat & LAT bases or \$1,500 for VLAT bases will be paid.

(e) Reimbursement for Mobilization and Demobilization Costs

(i) When service is ordered outside of the required delivery period (pre-delivery, post-delivery, and optional delivery periods) and there is a break in service, the Government will reimburse the contractor for all necessary and reasonable costs on an actual cost basis for the mobilization and demobilization costs associated with the personnel needed to deliver fire retardant into the aircraft.

(ii) Such costs may include, but are not limited to, airline or bus fares, small aircraft usage, vehicle mileage, and telephone calls.

(iii) Invoices for reimbursement shall be supported by itemized invoices and shall be submitted to the designated payment office.

C-37 BASIS OF PAYMENT FOR TYPE B (BULK) ATBs

(a) Payment for long-term fire retardant will be paid as FOB DESTINATION – Total bid price includes but not limited to:

(i) Product costs, including contractor provided equipment, if applicable, and

(ii) transportation costs.

(b) Cost of transportation:

(i) Transportation and the cost thereof for products shown in the Schedule of Items will be in accordance with Clause FAR 52.247-34, FOB destinations.

(ii) When freight charges are reimbursed on an actual-expense basis, (Actual-expense basis for destinations not shown in the Schedule of Items) one of the following modes of transportation will be used:

(1) Common carrier subject to a governing freight classification or tariff.

(2) Contract between the contractor and a transportation firm. The contract is to be a bona-fide "arms length" transaction and a copy of each such contract will be furnished to the contracting officer prior to contract performance.

(3) When contractor-owned or leased transportation equipment is used, reimbursement will be made for the actual costs of ownership and operation of such equipment or actual lease costs and operation cost of such equipment.

(c) Expedited Freight Charges – The Government will reimburse the contractor for expedited delivery charges for freight. The Ordering Manager will be responsible for documenting and justifying the additional costs for this service. Price will be determined at time order is placed.

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C-38 PAYMENT PROCEDURES FOR TYPE A (FULL SERVICE) ATBs

- (a) The USDA Forest Service Cumulative Retardant Use/Payment Summary shall be used for payment processing (See Section D – Exhibit J-4). The Retardant Use Record and/or Retardant Inventory/Use Worksheet shall support each payment summary.
- (b) Payment will be processed about the first day and sixteenth day of each month.
- (c) Payment Procedures: Contracts for permanent bases only. Forest Service Base manager must verify the dollar amounts billed against the negotiated contract price and verify the quantities on the invoice and date stamp with the date of receipt. U.S. Forest Service Base managers shall submit original invoice, signed "services received," with the appropriate Retardant Use Record and/or Retardant/Use Worksheet, and any other applicable supporting documentation for the invoice to the following address:

USDA, Forest Service
Albuquerque Service Center
Incident Business Branch
101 B Sun Ave. NE
Albuquerque, NM 87109
Phone: 877-372-7249
FAX: 877-816-9532

NOTE: The supporting documentation to be included for payment needs to be date stamped upon receipt, clearly showing the actual date received, the name of the base, Contract number, and an individual including their telephone number to be contacted if there are questions.

- (d) BLM Payment Procedures: This contract is considered an established source for BLM purposes. The contractor shall submit invoices to the BLM ordering unit (e.g. Attention: Airtanker Base Manager). The BLM ordering unit shall create an order/payment document in BLM's electronic procurement system (FBMS). Once the document is created, the order number must be provided to the contractor for them to invoice BLM via IPP (see below).

Electronic Invoicing and Payment Requirements – Internet Payment Platform (IPP) (September 2011)

- (1) Payment requests must be submitted electronically through the US Department of the Treasury's Internet Payment Platform System (IPP).
- (2) "Payment request" means any request for contract financing payment or invoice payment by the Contractor. To constitute a proper invoice, the payment request must comply with the requirements identified in the applicable Prompt Payment clause included in the contract, or the clause FAR 52.212-4 Contract Terms and Conditions – Commercial Items included in commercial item contracts. The IPP website address is: <https://www.ipp.gov>.
- (3) Under this contract, the following documents are required to be submitted as an attachment to the IPP invoice:

Contractor's Itemized Invoice

- (4) The contractor must use the IPP website to register, access and use IPP for submitting

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requests for payment. The Contractor Government Business Point of Contact (as listed in CCR) will receive enrollment instructions via e-mail assistance from the Federal Reserve Bank of Boston (FRBB) within 3 – 5 business days of the contract award date. Contractor assistance with enrollment can be obtained by contacting the IPP Production Helpdesk via email ippgroup@bos.frb.org or phone: (866) 973-3131.

(5) If the contractor is unable to comply with the requirement to use IPP for submitting invoices for payment, the contractor must submit a waiver request in writing to the BLM Ordering Officer with its proposal or quotation. BLM Payment Procedures: The contractor shall submit invoices to the ordering unit (e.g. Attention: Airtanker Base Manager). The ordering unit shall submit the payment package, as described below, including original invoices, signed “Accepted” and dated to the following address:

BLM National Operations Center
PO Box 25047, Building 50
Denver Federal Center
Denver, CO 80225-0047
Mail Stop: OC-6221

(e) The ordering office shall include appropriate documentation to support the invoice, as well as clearly indicate the Financial Business Management System (FBMS) acquisition order number that was issued by the warranted contracting officer for the ordering unit and the individual and telephone number to contact by the payment center if there are any questions. The BLM field office official who reviews and approves the invoice before sending it to the NOC must reference the BLM delivery order/BPA call number as it is obligated in FBMS (e.g. L10PB00542) or the invoice will be returned to the contractor. If an obligating document is not established first, then the BLM office should process the acquisition order prior to sending the invoice in order to meet the above criteria.

(f) Payments for Federal Agencies will be in accordance with FAR 52-232.25 Prompt Payment (JAN 2017). If the contractor is unable to comply with the requirement to use IPP for submitting invoices for payment, the contractor must submit a waiver request in writing to the [BLM Ordering] Officer with its proposal or quotation.

C-39 PAYMENT PROCEDURES FOR TYPE B (BULK) ATBs

(a) Forest Service payments under this contract may be made by Government credit card or through use of Form SF-1449, Order for Commercial Items, along with the Resource Order. Invoice amounts shall be verified against the contract pricing/rates. All quantities shall be verified and the appropriate job code breakdown shall be included before forwarding the invoice to the appropriate paying official.

If using a Form SF-1449, submit a scanned copy of the SF-1449, a copy of the resource order, and an original invoice signed with a full signature (First and Last) and printed name (first and last) and the statement “Services received and proper for payment.” Submit the invoice electronically to ASC_IPC@fs.fed.us. The subject line of the email shall include the “the contractor Invoice number and the Air Tanker Base representative full name (First and Last).” Invoices may also be faxed to 866-816-9532. If you are unable to either send electronically or by fax, then mail the complete invoice package to:

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USDA, Forest Service
Albuquerque Service Center (ASC)
Incident Business Branch
101 B Sun Avenue NE
Albuquerque, NM 87109
Phone: 877-0372-7248
FAX: 866-816-9532

Base manager must verify the dollar amounts billed against the negotiated contract price and verify the quantities on the invoice and date stamp with the date of receipt. Include appropriate documentation if necessary to support the invoice, as well as clearly indicate the contract number, individual and telephone number to contact by the payment center, if there are questions.

(b) BLM PAYMENT PROCEDURES

The contractor shall submit draft invoices to the BLM ordering unit (e.g. Attention: Airtanker Base Manager). The BLM ordering unit shall create an order/payment document in BLM's electronic procurement system (FBMS). Once the document is created, the order number must be provided to the contractor for them to invoice BLM via IPP (see below).

ELECTRONIC INVOICING AND PAYMENT REQUIREMENTS - INTERNET PAYMENT PLATFORM (IPP) (SEPTEMBER 2011)

Payment requests must be submitted electronically through the U. S. Department of the Treasury's Internet Payment Platform System (IPP).

"Payment request" means any request for contract financing payment or invoice payment by the Contractor. To constitute a proper invoice, the payment request must comply with the requirements identified in in the applicable Prompt Payment clause included in the contract, or the clause 52.212-4 Contract Terms and Conditions – Commercial Items included in commercial item contracts. The IPP website address is: <https://www.ipp.gov>.

Under this contract, the following documents are required to be submitted as an attachment to the IPP invoice:

__ Vendor's Itemized Invoice _____

The contractor must use the IPP website to register, access and use IPP for submitting requests for payment. The Contractor Government Business Point of Contact (as listed in CCR) will receive enrollment instructions via email from the Federal Reserve Bank of Boston (FRBB) within 3 – 5 business days of the contract award date. Contractor assistance with enrollment can be obtained by contacting the IPP Production Helpdesk via email ippgroup@bos.frb.org or phone (866) 973-3131.

If the contractor is unable to comply with the requirement to use IPP for submitting invoices for payment, the contractor must submit a waiver request in writing to the BLM Ordering Officer with its proposal or quotation. BLM Payment Procedures: The contractor shall submit invoices to the ordering unit (e.g. Attention: Airtanker Base Manager). The ordering unit shall submit the payment package, as described below, including original invoices, signed "Accepted" and dated to the following address:

BLM National Operations Center
PO Box 25047, Building 50

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Denver Federal Center
Denver, CO 80225-0047
Mail Stop: OC-6221

The ordering office shall include appropriate documentation to support the invoice, as well as clearly indicate the Financial Business Management System (FBMS) acquisition order number that was issued by the warranted contracting officer for the ordering unit and the individual and telephone number to contact by the payment center if there are any questions. The BLM field office official who reviews and approves the invoice before sending it to the NOC must reference the BLM delivery order/BPA call number as it is obligated in FBMS (e.g. L10PB00542) or the invoice will be returned to the vendor. If an obligating document is not established first, then the BLM office should process the acquisition order prior to sending the invoice in order to meet the above criteria.

- (c) Payments for Federal Agencies will be in accordance with FAR 52-232.25 Prompt Payment (JAN 2017). If the contractor is unable to comply with the requirement to use IPP for submitting invoices for payment, the contractor must submit a waiver request in writing to the [BLM Ordering] Officer with its proposal or quotation.
- (d) Other agencies utilizing this contract will follow their own administrative payment procedures.

C-40 ADDENDUM - INVOICING FOR TYPE B (BULK) ATBs – U.S. FOREST SERVICE BASES

- (a) All invoices affiliated with this contract will be submitted to the appropriate point of contact for each U.S. Forest Service Airtanker base under the contract through email from the contractor.
- (b) The contractor has the responsibility to submit a proper invoice to the Government, and the Government has the responsibility to acknowledge receipt of a proper invoice, review the invoice, and verify the charges are correct. Requiring the invoices be submitted electronically will provide for timely delivery and acceptance of the invoices and minimize or eliminate missing invoices.
- (c) Air Tanker Base Managers have been designated as Project Inspectors for this contract. Your responsibility for managing this contract includes the appropriate review and audit of all invoices submitted under the terms of this contract. Specific to U.S. Forest Service bases, the Incident Business Branch at the Albuquerque Service Center, and the Incident Support Branch in Boise have agreed to accept electronically scanned signatures for services received and invoices that are ready for payment rather than hard copy documents. Electronic submissions will provide for more timely and accurate tracking of invoices as well as minimize or eliminate prompt payment interest payments.
- (d) Invoice Procedures: Print the invoice and date stamp the invoice upon receipt. In reviewing the invoice validate all charges on the invoice against the documentation provided as back-up or in your possession. Validate that the pricing on the invoice matches the appropriate year in the contract, and validate that all other charges are consistent with the contract. After the invoice has been reviewed and the charges have been verified as being correct, print and sign your full name (First and Last) on the invoice, and include the following statement "Services were received and are proper for payment", as submitted. Scan the signed invoice and submit the invoice and all of the supporting receipts and documentation with the correct job code(s) and over-ride(s) and a break down of the charges to ASC or the Administrative Unit paying with Government Purchase Card. This is the only documentation needed by ASC in order to process the invoice for payment. As the approving official, maintain a copy of the invoice and a copy of all receipts and back-up documentation as the official record. This documentation shall be maintained for six years after the close out of the contract.

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(e) Complete electronic invoices and all supporting documentation shall be submitted to ASC_IPC@fs.fed.us. If it is more convenient for you to fax the package to ASC, use the following fax number: 1-866-816-9532. If you fax these documents, follow-up with a phone call to ASC confirm receipt. (See section C-26 Payment Procedures of the contract for additional information.)

(f) If the air tanker base utilizes a local or zone procurement official to pay for retardant with a purchase card, be sure to provide the paying official with the appropriate documentation as identified above.

C-41 CERTIFICATION OF TRANSPORTATION CHARGES

Certification of transportation charges shall be furnished on the invoice as follows. Certification shall be signed by an authorized agent of the contractor.

(a) When transportation is furnished by a contract carrier:

"I certify that the transportation charges stated herein are correct and in conformity with the contract between ourselves and the transportation firm that provides the transportation services."

(b) When transportation is accomplished using contractor-owned or leased equipment:

"I certify that the transportation charges stated herein are correct and represent the actual transportation charges or the transportation amount shown in the Schedule, whichever is less."

C-42 GOVERNMENT REPRESENTATIVE

Whenever the contractor is in Ready Delivery Status, either during the Required Delivery Period or any Optional Delivery Period, a Contracting Officer's Representative or designated Federal Project Inspector shall be present to provide oversight in retardant operations to include, but not limited to lot acceptance testing, and quality assurance testing. In addition the Project Inspector will ensure timely and accurate processing of payment records.

C-43 POST AWARD CONFERENCE (AGAR 452.215-73) (NOV 1996)

A post award conference with the successful offeror is required. It will be scheduled within 10 days after the date of contract award. The conference will be held at a time and location established by the Contracting Officer.

C-44 INSURANCE COVERAGE (AGAR 452.228-71) (NOV 1996)

Pursuant to FAR Clause 52.228-5, Insurance--Work on a Government Installation, the contractor will be required to present evidence to show, as a minimum, the amounts of insurance coverage indicated below:

(a) Workers Compensation and Employer's Liability. The contractor is required to comply with applicable Federal and State workers' compensation and occupational disease statutes. If occupational diseases are not compensable under those statutes, they shall be covered under the employer's liability section of the insurance policy, except when contract operations are so commingled with a contractor's commercial operations that it would not be practical to require this coverage. Employer's liability

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coverage of at least \$100,000 shall be required, except in States with exclusive or monopolistic funds that do not permit worker's compensation to be written by private carriers.

(b) General Liability. The contractor shall have bodily injury liability insurance coverage written on the comprehensive form of policy of at least \$500,000 per occurrence.

(c) Automobile Liability. The contractor shall have automobile liability insurance written on the comprehensive form of a policy. The policy shall provide for bodily injury and property damage liability covering the operation of all automobiles used in connection with performing the contract. Policies covering automobiles operated in the United States shall provide coverage of at least \$200,000 per person and \$500,000 per occurrence for bodily injury and \$20,000 per occurrence for property damage.

(d) Paragraph (d) of this AGAR clause has been deleted because it is not applicable to this contract.

C-45 COMMERCIAL FILMING AND VIDEO TAPING

In accordance with 36 C.F.R. Part 251 and U.S. Forest Service Manuals 1600 and 2700 all commercial filming or videotaping (e.g., filming for feature films, reality shows, documentaries, television specials, etc.) on National Forest System lands requires the filming entity to apply for, and obtain, a special use authorization prior to the start of any filming, or associated activities, on National Forest System lands. This requirement is applicable to filming directly by contractors and is also applicable to filming of contractors of the U.S. Forest Service while on National Forest System lands.

Any filming, or associated activities, occurring on National Forest System lands pursuant to a properly acquired special use authorization may be limited or prohibited during a fire fighting or incident support situation at the discretion of the Incident Commander.

C-46 PRODUCT ENDORSEMENTS

The contractor shall not to refer to awards in commercial advertising in such a manner as to state or imply that the product provided is endorsed or preferred by the Federal Government or is considered by the Government to be superior to other products.

C-47 QUALIFICATION REQUIREMENTS (FAR 52.209-1) (FEB 1995)

(a) Definition.

"Qualification Requirement," as used in this clause means a Government requirement for testing or other quality assurance demonstration that must be completed before award.

(b) One or more qualification requirements apply to the supplies or services covered by this contract. For those supplies or services requiring qualification, whether the covered product or service is an end item under this contract or simply a component of an end item, the product, manufacturer, or source must have demonstrated that it meets the standards prescribed for qualification before award of this contract. The product, manufacturer, or source must be qualified at the time of award whether or not the name of the product, manufacturer, or source is actually included on a qualified products list, qualified manufacturers list, or qualified bidders list. Offerors should contact the agency activity designated below to obtain all requirements that they or their products or services, or their subcontractors or their products or services, must satisfy to become qualified and to arrange for an

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opportunity to demonstrate their abilities to meet the standards specified for qualification.

DIRECTOR
FIRE AND AVIATION MANAGEMENT
USDA FOREST SERVICE
PO BOX 96090
WASHINGTON DC 20013-6090

(c) If an Offeror, manufacturer, source, product, or service covered by a qualification requirement has met the standards specified, the relevant information noted below should be provided.

Offeror's Name:	Perimeter Solutions LP
Manufacturer's Name:	Perimeter Solutions LP
Source's Name:	_____
Item Name:	Phos-Chek Long-Term Retardant
Service Identification:	Specification 5100-304c
Test Number:	_____
(to the extent known)	

(d) Even though a product or service subject to a qualification requirement is not itself an end item under this contract, the product, manufacturer, or source must nevertheless be qualified at the time of award of this contract. This is necessary whether the contractor or a subcontractor will ultimately provide the product or service in question. If, after award, the contracting officer discovers that an applicable qualification requirement was not in fact met at the time of award, the contracting officer may either terminate this contract for default or allow performance to continue if adequate consideration is offered and the action is determined to be otherwise in the Government's best interests.

(e) If an offeror, manufacturer, source, product or service has met the qualification requirement but is not yet on a qualified products list, qualified manufacturers list, or qualified bidders list, the offeror must submit evidence of qualification prior to award of this contract. Unless determined to be in the Government's interest, award of this contract shall not be delayed to permit an offeror to submit evidence of qualification.

(f) Any change in location or ownership of the plant where a previously qualified product or service was manufactured or performed requires reevaluation of the qualification. Similarly, any change in location or ownership of a previously qualified manufacturer or source requires reevaluation of the qualification. The reevaluation must be accomplished before the date of award.

C-48 OPTION TO EXTEND SERVICES (FAR 52.217-8) (Nov 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract (*as specified by the calendar year rates when the option is exercised*). These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The contracting officer may exercise the option by written notice to the contractor within 30 days of the end of the contract.

Section C

C-49 OPTION TO EXTEND THE TERM OF THE CONTRACT (FAR 52.217-9) (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the contractor within 30 days; provided that the Government gives the contractor a preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed five years and six months.

C-50 FIELD TESTING OF CONDITIONALLY APPROVED QPL PRODUCTS

(a) Field testing of conditionally approved products for the sole purpose of meeting the field testing may be required as specified in the Full Operational Field Evaluation found in Test Method 10 – Operational Field Evaluation Test at https://www.fs.fed.us/rm/fire/wfcs/tests/documents/stp_tm10.pdf.

(b) To facilitate the requirement for products field testing, the Government reserves the right to order long-term fire retardant product with conditional QPL approval in the not to exceed amount of 200,000 gallons per retardant type per year from other sources for the sole purpose of field testing.

(c) The Government will utilize one or more of the Type B (Bulk) bases for Full Operational Field Evaluations as required by Test Method 10 and the Government specified base(s) will not be ordering product or performing on the contract during the field evaluations. These bases are specified in advance to inform the contractor of the Government's intent of utilizing one or more of these bases for field testing purposes as required. The following Government specified bases are planned for Full Operational Field Evaluations:

- (1) B-R1-03-FS-Missoula, MT
- (2) B-R2-06-FS-Jeffco (Denver), CO
- (3) B-R4-05-BLM-Mountain Home, ID
- (4) B-R6-03-FS-La Grande, OR
- (5) B-R8-01-FS-Chattanooga, TN

(d) The Government, through the contracting officer, will provide written notice to the contractor a minimum of 14 days in advance of stopping performance at one or more of the Government specified bases for the purpose of Full Operational Field Evaluations. Similar written notice will be provided to the contractor a minimum of 7 days in advance for planned contractual re-activation of one or more of the Government specified bases following the completion of Full Operational Field Evaluations.

C-51 CONTRACT CLAUSES

The full text of FAR provisions or clauses may be accessed electronically at <http://acquisition.gov/comp/far/index.html>. The following solicitation provisions apply to this acquisition:

FAR 52.212-1, Instructions to Offerors—Commercial Items (JAN 2017)

FAR 52.212-3, Offerors Representations and Certifications—Commercial Items (NOV 2017)

Section C

Offerors must complete annual representations and certifications on-line at <https://www.sam.gov/portal/SAM/#1>, in accordance with FAR 52.212-3, "Offerors Representations and Certifications—Commercial Items." The Offeror shall complete only paragraph (b) of this provision if the Offeror has completed the annual representations and certification electronically via the System for Award Management (SAM) website located at <https://www.sam.gov/portal>. If the Offeror has not completed the annual representations and certifications electronically, the Offeror shall complete only paragraphs (c) through (u) of this provision.

The following contract clauses apply to this acquisition and are incorporated by reference:

FAR 52.212-4, Contract Terms and Conditions—Commercial Items (JAN 2017)

FAR 52.212-5, Contract Terms and Conditions Required to Implement Statutes or Executive Orders (JAN 2018)

The following subparagraphs of FAR 52.212-5 are applicable:

- (a)(1)-(4)
- (b)(1)-(4), (7)-(9), (16), (17), (20), (25)-(37), (42)-(49) and (59)
- (c)(2)-(4), (8) and (9)
- (d)(1)-(3)
- (e)(1) and (2)

FAR 52.216-4 ECONOMIC PRICE ADJUSTMENT—LABOR AND MATERIAL (JAN 2017)

FAR 52.223-2 AFFIRMATIVE PROCUREMENT OF BIOBASED PRODUCTS UNDER SERVICE AND CONSTRUCTION CONTRACTS (SEPT 2013)

FAR 52.223-3 HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (ALT 1) (JUL 1997)

FAR 52.245-1 GOVERNMENT PROPERTY (ALTERNATE I) (APR 2012)

FAR 52.245-9 USE AND CHARGES (APR 2012)

FAR 52.247-34 F.O.B. DESTINATION (NOV 1991)

FAR 52.247-55 F.O.B. POINT FOR DELIVERY OF GOVERNMENT FURNISHED PROPERTY (JUN 2003)

The following contract clauses apply to this acquisition and are incorporated by full text:

FAR 52.232-40 PROVIDING ACCELERATED PAYMENTS TO SMALL BUSINESS SUBCONTRACTORS. (DEC 2013)(a) Upon receipt of accelerated payments from the Government, the contractor shall make accelerated payments to its small business subcontractors under this contract, to the maximum extent practicable and prior to when such payment is otherwise required under the applicable contract or subcontract, after receipt of a proper invoice and all required documentation from the small business subcontractor. (b) The acceleration of payments under this clause does not provide any new rights under the Prompt Payment Act. (c) Include the substance of this clause, including this paragraph (c), in all subcontracts with small business concerns, including subcontracts with small business concerns for the acquisition of commercial items.

Section C

FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998) This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): <https://www.acquisition.gov/far>

Region-Bid Item-Agency-Base	Previous Contract	Prev #	Required Delivery Period	Retardant Product
CLIN 0001 - Type A Air Tanker Bases (29 Total)				
A-R1-01-BLM-Billings, MT	Full	1	1 June - 15 September	LC95A-R (Lot #: 1051695-C)
A-R1-02-FS-Helena, MT	Full	2	7 July - 19 September	LC95A-R (Lot #: 1051695-C)
A-R2-01-FS-Durango, CO	Full	4	15 May - 29 September	LC95A-R (Lot #: 1051695-C)
A-R2-02-BLM-Grand Junction, CO	Full	3	12 May - 1 October	LC95A-R (Lot #: 1051695-C)
A-R2-03-FS-Rapid City, SD	Full	5	1 June - 30 September	LC95A-R (Lot #: 1051695-C)
A-R3-01-FS-Albuquerque, NM	Full	6	29 April - 16 July	MVP-Fx (Lot #: 0403014-A/B)
A-R3-02-FS-Ft. Huachuca, AZ	Full	10	15 April - 18 July	MVP-Fx (Lot #: 0403014-A/B)
A-R3-03-FS Phoenix-Mesa Gateway, AZ	Full	9	15 April - 31 July	LC95A-R (Lot #: 1051695-C)
A-R3-04-FS-Flagstaff, AZ	Full	7	1 May - 29 July	LC95A-R (Lot #: 1051695-C)
A-R3-05-FS-Winslow, AZ	Full	8	3 May - 12 July	LC95A-R (Lot #: 1051695-C)
A-R4-01-BLM-Battle Mountain, NV	Full	17	1 June - 30 September	LC95A-R (Lot #: 1051695-C)
A-R4-02-FS-Boise, ID	Full	12	1 June - 30 September	LC95A-R (Lot #: 1051695-C)
A-R4-03-BLM-Cedar City, UT	Full	19	15 May - 30 September	LC95A-FX (Lot #: 0439-076B)
A-R4-04-FS-Hill AFB, UT	Full	15	12 June - 12 October	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
A-R4-05-FS-McCall, ID	Full	11	28 June - 30 September	LC95A-R (Lot #: 1051695-C)
A-R4-06-BLM-Pocatello, ID	Full	14	23 June - 7 October	LC95A-R (Lot #: 1051695-C)
A-R4-07-BLM-Stead, NV	Full	16	1 June - 30 September	LC95A-R (Lot #: 1051695-C)
A-R4-08-BLM-Twin Falls, ID	Full	13	15 June - 30 September	LC95A-R (Lot #: 1051695-C)
A-R4-09-BLM-Winnemucca, NV	Full	18	1 June - 30 September	LC95A-R (Lot #: 1051695-C)
A-R5-01-FS-Castle ATB, CA	Full	26	1 June - 30 September	MVP-Fx (Lot #: 0403014-A/B)
A-R5-02-FS-Chester, CA	Full	22	15 June - 15 October	MVP-Fx (Lot #: 0403014-A/B)
A-R5-03-FS-Fox Field (Lancaster), CA	Full	25	1 June - 30 November	MVP-Fx (Lot #: 0403014-A/B)
A-R5-04-FS-Fresno, CA	Full	23	23 May - 31 October	MVP-Fx (Lot #: 0403014-A/B)
A-R5-05-FS-Redding, CA	Full	24	1 June - 31 October	MVP-Fx (Lot #: 0403014-A/B)
A-R5-06-FS-San Bernardino, CA	Full	21	29 May - 3 November	MVP-Fx (Lot #: 0403014-A/B)
A-R5-07-FS-Santa Maria, CA	Full	31	15 May - 15 November	MVP-Fx (Lot #: 0403014-A/B)
A-R6-01-FS-Medford, OR	Full	29	1 June - 15 October	LC95A-R (Lot #: 1051695-C)
A-R6-02-FS-Moses Lake, WA	Full	30	10 June - 24 October	LC95A-R (Lot #: 1051695-C)
A-R6-03-FS-Redmond, OR	Full	28	1 June - 15 October	LC95A-R (Lot #: 1051695-C)
CLIN 0002 - Type B Air Tanker Bases (42 Total)				
B-R1-01-FS-Coeur d'Alene, ID	Bulk	3	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R1-02-FS-Grangeville, ID	Bulk	4	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R1-03-FS-Missoula, MT	Bulk	1	N/A	MVP-Fx (Lot #: 0403014-A/B)
B-R1-04-FS - W. Yellowstone, MT	Bulk	2	N/A	MVP-Fx (Lot #: 0403014-A/B)
B-R2-01-BLM-Canon City, CO	Bulk	21	N/A	LC95A-FX (Lot #: 0439-076B)
B-R2-02-BLM-Casper, WY	Bulk	27	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R2-03-BLM-Cortez, CO	Bulk	22	N/A	LC95A-FX (Lot #: 0439-076B)
B-R2-04-BLM-Craig, CO	Bulk	24	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R2-05-BLM-Greybull,WY	Bulk	28	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R2-06-FS-Jeffco (Denver), CO	Bulk	5	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R2-07-BLM-Kremmling, CO	Bulk	25	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R2-08-FS-Pueblo, CO	Bulk	42	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R2-09-BLM-Rawlins, WY	Bulk	26	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R2-10-BLM-Rifle, CO	Bulk	23	N/A	LC95A-FX (Lot #: 0439-076B)
B-R3-01-FS-Alamogordo, NM	Bulk	8	N/A	MVP-Fx (Lot #: 0403014-A/B)
B-R3-02-BLM-Roswell, NM	Bulk	6	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R3-03-BLM-Safford, AZ	Bulk	32	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R3-04-BIA-Show Low, AZ	Bulk	N/A	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R3-05-FS-Silver City, NM	Bulk	7	N/A	MVP-Fx (Lot #: 0403014-A/B)
B-R4-01-BLM-Fillmore, UT	Bulk	35	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R4-02-BLM-Jean, NV	Bulk	39	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R4-03-BLM-McDermitt, NV	Bulk	36	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R4-04-BLM-Mesquite, NV	Bulk	40	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R4-05-BLM-Mountain Home, ID	Bulk	41	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R4-06-BLM-Nephi, UT	Bulk	34	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R4-07-BLM-Panaca, NV	Bulk	38	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R4-08-BLM-Tooele, UT	Bulk	33	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R4-09-BLM-Wells, NV	Bulk	37	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R5-01-FS-Bishop, CA	Bulk	10	N/A	MVP-Fx (Lot #: 0403014 A/B)
B-R5-02-FS-Montague, CA	Bulk	12	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R5-03-FS-Porterville, CA	Bulk	11	N/A	MVP-Fx (Lot #: 0403014-A/B)
B-R6-01-BLM-Burns, OR	Bulk	30	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R6-02-FS-John Day, OR	Bulk	16	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R6-03-FS-Klamath Falls, OR	Full	27	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R6-04-FS-La Grande, OR	Bulk	14	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R6-05-BLM-Lakeview, OR	Bulk	31	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R6-06-BIA-Omak, WA	Bulk	13	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R6-07-BLM-Ontario, OR	Bulk	29	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)
B-R8-01-FS-Chattanooga, TN	Bulk	18	N/A	MVP-Fx (Lot #: 0403014-A/B)
B-R8-02-FS-Fayetteville, AR	Bulk	17	N/A	MVP-Fx (Lot #: 0403014-A/B)
B-R8-03-FS-Lake City, FL	Bulk	19	N/A	MVP-Fx (Lot #: 0403014-A/B)
B-R10-01-BLM-Ft. Wainright, AK	Bulk	20	N/A	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)

A-R01-01-BLM-Billings, MT

Required Delivery Period	1 June - 15 September	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	98,000 gal	SEATs	Yes
Pits	2	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	5,000 gal
Water Supply	BLM hydrant for water supply w/ 5,000 gal water tank		
Electrical Supply	Stand alone electric panel 240/208 volt supplying mix plant operations, loading pits, sheds, and multiple outlets		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	5,000 gal continuous flow water supply tank	N/A	N/A	N/A	N/A	N/A
3	10,000 gal LC concentrate retardant storage tanks	N/A	N/A	N/A	N/A	N/A
1	5,000 gal offload/premix tank	N/A	N/A	N/A	N/A	N/A
1	1,500 gallon poly tank with recirc system	N/A	N/A	N/A	N/A	N/A
1	Lot, numerous fittings and hose size 2"	N/A	N/A	N/A	N/A	N/A
1	Lot, Misc tools, wrenches	N/A	N/A	N/A	N/A	N/A
1	Forklift	N/A	N/A	N/A	N/A	N/A
2	Mass Flow System	N/A	N/A	N/A	N/A	N/A
2	Trailers (1) contractor, (1) pilot crew	N/A	N/A	N/A	N/A	N/A
2	Pumps for evaporation pond	N/A	N/A	N/A	N/A	N/A
3	Storage sheds for retardant storage	N/A	N/A	N/A	N/A	N/A
1	Lot, catwalks across tanks	N/A	N/A	N/A	N/A	N/A

Notes:

No property numbers on any storage tanks.

Cat walk across the top of all tanks.

Printers: Pit 1- S/N 12022265 Model no. DS300S155SU. Pit 2- S/N 12022116 model no. DS300S155SU

Trailers: 1 for retardant contractor, 1 for pilot crew rest.

Pipe wrenches: 1 ea 48", 2 ea 36", 1 ea 18".

Must be able to maintain simultaneous retardant loading both pits 1 and 2.

Minimum 400 to 500 GPM utilizing electric pumps with capability to switch pump speed down to load SEATs, along with a back-up gas pump if there is a electric power outage.

Ability to continue to monitor and control loading operations remotely at each pit simultaneously. Utilizing wireless remote loading system

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Billings	MCM 250X Series	250X	Crown Triton		Loading- Pit #1	002609
Billings	ELEctrical Panel				Loading- Pit #1	
Billings	MCM 250X Series	250X	Crown Triton		Loading-Pit #2	002611
Billings	Electrical Panel	ECN5532CAG	Cutler Hammer		Loading-Pit #2	002611
Billings	MCM 250X Series	250X	Kohler	40HP - CH100	Loading-Back Up	002608
Billings	Variable Speed Elect. Control Mod.	GE			Electrical	002613
Billings	Gorman Rupp	14A2	Marathon	CAT 438	Recirc./Off-Load Pur	001898
Billings	Electrical Panel	ECN5532BAG	Cutler Hammer		Recirc./Off-Load Pur	002941

Billings	Wacker	PTS4	Briggs & Stratton	Vanguard		002551
Billings	LC Canadian Blender	Canadian			Mixing	002610
Billings	Blender Check Valves -Retardant					002939
Billings	Blender Check Valves-Water					002940
Billings	LC Canadian Blender with 2 Check Valves	Canadian			Mixing	002612
Billings	Blender Check Valves -Retardant					002937
Billings	Blender Check Valves-Water					002938
Billings	OSHA Stairs with Catwalk over tanks					
Billings	Shade Structure 10' X 10' (2)					
Billings	3 - Retardant recirc systems					
Billings	Air Compressor	Craftsman				002942
Billings	QC Kit (2-refracts, test kit)					
Billings	LAT Loading System (Incl skates, hose, valve)	Aluminium				

**Inventory provided may vary by location over time as maintenance and repairs may cycle thru locations.

Billings	Water Meter 4" with Head (BEING REMOVED)	Micrometer				001892
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A-R01-02 FS Helena, MT

Required Delivery Period	7 July - 19 September	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	70,000 gal	SEATs	Yes
Pits	2	MAFFS	Yes
Simultaneous Pits	1	Offload Capacity	3,000 gal
Water Supply	Municipal supply through six inch service, flowing at 500 gpm		
Electrical Supply	3 phase, 480 volt, 4 wire, 600 amp power panel is located in the plant area.		
Storage	Small indoor over-winter storage available.		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	20,000 gal water tank	N/A	N/A	N/A	N/A	N/A
1	Mass Flow System	MicroMotion	N/A	N/A	#AG0001655117	Excellent
1	Lot, office space for contractor	N/A	N/A	N/A	N/A	N/A
1	Lot, warehouse and covered storage for retardant	N/A	N/A	N/A	N/A	N/A

Notes:

Other Base Needs: Min capacity of 3,000 gal off load tank. 4-50' loading hoses. 1 loading pump, 400 gpm min 500 gpm max. 1 back-up loading pump. 1 off load pump.
The contractor shall be responsible for all conduit, boxes, panels, switching and wiring not already in this panel, as well as the cost.
All equipment at the Helena Tanker Base is 12 years old. Serial # 2446289,
The water manifold from the water tank to the edge of pit is FS owned.
The manifold to both pits after the micro motion is FS owned. The under ground water valves are starting to get hard to turn.
*Daily Peak Demand confirmed with ATBM- Jeffrey Jackson

**Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Helena	Deming	3M	Marathon	1F284TFC8026AAS	Load Pump 1	001897
Helena	ELectrical Panel (Load Pump)				Load Pump 1	
Helena	Wacker	PTS4V	Vanguard	305447	Premix Tank Pump	002950
Helena	Gorman Rupp	14A2	Baldor	M2334T	Recirc. Pump 1	002589
Helena	Electrical Panel (Recirc Pump)				Recirc. Pump 1	
Helena	Deming	4M	Wisconsin	V46501	Backup	001899
Helena	Gorman Rupp	13D-1	Briggs & Stratton	980925YD	Off-Load Pump 3"	
Helena	Tank Retardant 1 w/recirc system and 8" butterfly valves	10K steel			Storage	
Helena	Tank Retardant 2 w/recirc system and 8" butterfly valves	10K steel			Storage	
Helena	Tank Retardant 3 w/recirc system and 8" butterfly valves	10K steel			Storage	
Helena	Stairs and Catwalk over tanks				Storage	002951
Helena	Offload Tank	3K steel			Storage	
Helena	LC Canadian Blender with 2 Check Valves				Mixing	001273, 002944, 002943
Helena	Air Compressor		Campbell Hausfeld		Recirc-Air	002952
Helena	LAT Loading System (Incl skates,hose, valve)				Loading	
Helena	Shade Structure 10' X 10' (2)				Safety	
Helena	QC Kit (2-refracts, test kit)				QC Kit	

**Inventory provided may vary by location over time as maintenance and repairs may cycle thru locations.

A-R02-01 FS Durango, CO

Required Delivery Period	15 May - 29 September	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	45,000 gal	SEATs	Yes
Pits	2	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	6,500 gal
Water Supply	Contractor will need to haul water to the Base for retardant mixing and wash down.		
Electrical Supply	Agency supplied 3 phase, 227/480 volt, 400 amp. Contractor provide wiring from panel. Electric meter for mix plant needs to be in contractors name during contract period.		
Storage	LC storage available. Dry powder storage limited. Room for uncovered expansion.		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
4	10,000 gal retardant tank w/recirc system	N/A	N/A	N/A	N/A	1-3 very good, 4?
2	20,000 gal water tank	N/A	N/A	N/A	N/A	very good
1	7,500 gal off-load tank	N/A	N/A	N/A	N/A	N/A
1	Mass Flow System	MicroMotion	N/A	CMF300M355N2BA	14254941	Excellent (2011)
1	Mass Flow System	MicroMotion	N/A	3700A1A05DAEZZX	2503224	Excellent (2015)
1	Electric delivery pump	Gorman Rupp	T4A60-B	M4115T	1216882	Good
1	Gas load delivery pump	Gorman Rupp	VH4D1/Wisconsin	463636	1120011	Old
1	Gas recirculation delivery pump	Gorman Rupp	VH4D1/Wisconsin	463636	1120012	Old
1	Offload pump	Honda	WT30X	N/A	N/A	old
1	Jacuzzi Pump for wash down	Jacuzzi	3VB650-4-S2	N/A	N/A	Good
1	119 gal pre-charged tank for Jacuzzi pump	N/A	4P839	N/A	N/A	N/A
1	Lot, limited dry powder storage	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor provides plumbing and fittings to match existing configuration that allow for mixing and other operations.
Contractor arranges yearly clean out of sand-oil separator.
The Jacuzzi Pump is required to charge wash down lines on pads 1 & 2. Water source is from the (2) 20,000 gal. water tanks. (Special Note: This water is paid for and shipped by the Retardant Contractor)
Delivery pump should be a 400 - 500 GPM and load SEATs. Require flow switch to drop to idle when port valves are shut down
ConnexLink 4490 Transmitter by Laird Technologies. Used to send data to Micro Motion Printer. Condition Excellent. 2 years old
Thermal Printer by Westrex International, Model # 800, Serial # 8515A00235. Condition Very Good. At least 6 years old
Manifold. Condition, Very Good. 12 years old - Joints/valves replaced in 2016 with seismic design replacement

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Durango	MCM 250X Series	250X	Baldor Reliancer	C1512020817	Loading Pump	002895
Durango	Electric Panel-VFD (Variable Frequency Drive)	WC-16074	Woodhawk Controls		Loading Pump	002896
Durango	Gorman Rupp 84A2-B	1609579	Baldor Reliancer	09P011Y583G1	Recirc Pump	002786
Durango	LC Canadian Blender	Valve			Canadian first gen	002892
Durango	Blender Check Valves -Retardant					002894
Durango	Blender Check Valves -Water					002893
Durango	Air Compressor					
Durango	Shade Structure 10' X 10' (2)					
Durango	QC Kit (2-refracts, test kit)					
Durango	LAT Loading System (Incl skates, hose, valve)	Aluminium				

**Inventory provided may vary by location over time as maintenance and repairs may cycle thru locations.

A-R02-02 BLM Grand Junction, CO

Required Delivery Period	12 May - 1 October	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	100,000 gal	SEATs	Yes
Pits	2	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	5,000 gal
Water Supply	Agency supplied water from hydrant off 8" line.		
Electrical Supply	Agency supplied 3 phase, 400 amp. Contractor supplies all elec. components & expertise.		
Storage	Storage area for dry powder is limited.		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	5,000 gal off-load tank	N/A	N/A	N/A	N/A	Fair
2	Mass Flow System	MicroMotion	N/A	N/A	N/A	N/A
1	Forklift	N/A	N/A	N/A	N/A	N/A
1	Lot, warehouse and covered storage for retardant	N/A	N/A	N/A	N/A	N/A

Notes:

An off load tank is NOT required
Contractor supplies all elec. components from panel. 2- 3 phase pumps can be operated simultaneously from panel.

Perimeter Solutions Owned Equipment:

Location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Grand Jun	Deming 4021	4021 40710400	Marathon Electric	4VK284TTFC802CAB	Load Pump 1	001148
Grand Jun	Deming 4021	4021 40710400	Marathon Electric	3AV28TTFC8026ABS	Load Pump 2	001149
Grand Jun	Gorman Rupp	14A2-B	Marathon Electric	1H2844TTFC802GAA	Recirc Pump 1	002131
Grand Jun	Gorman Rupp	14A2	na	NA	Recirc. Pump 2	001206
Grand Jun	Gorman Rupp	54A2	Wisconsin	VF4D	Backup	
Grand Jun	Gorman Rupp	13D-1	Briggs & Stratton	190432	Off-Load Pump	002904
Grand Jun	Tank Retardant #1 w/recirc system	12K steel				001153
Grand Jun	Tank Retardant #2 w/recirc system	12K steel				001154
Grand Jun	Tank Retardant #3 w/recirc system	12K steel				001155
Grand Jun	Offload Tank	5K steel			Off Load	
Grand Jun	Tank Water	10K steel				001156
Grand Jun	Blender	Orifice				1767
Grand Jun	Check Valve-Water	Nibco				002995
Grand Jun	Check Valve-Retardant	Nibco				001163
Grand Jun	Blender	Orifice				1770
Grand Jun	Check Valve-Water	Nibco				001766
Grand Jun	Check Valve-Retardant	Nibco				001768
Grand Jun	Electric Panel		Siemens		Recirc Pump	002899
Grand Jun	Riverside Pump	PT4V	Vanguard		Backup	002695
Grand Jun	Electric Panel		Square D Well-Guard		Load Pump 1	CP 0009
Grand Jun	Electric Panel		Square D Well-Guard		Load Pump 2	CP 0007
Grand Jun	Electric Panel		Square D Well-Guard		Load Pump 3	CP 0008
Grand Jun	Air Compressor	Husky	30 Gal, 135 PSI	Husky Pro 2 HP	Air Compressor	002906
Grand Jun	Shade Structure 10' X 20' (1)					
Grand Jun	QC Kit (2-refracts, test kit)					
Grand Jun	LAT Loading System (Incl skates, hose, valve)	Aluminium				

**Inventory provided may vary by location over time as maintenance and repairs may cycle thru locations.

A-R02-03 FS Rapid City, SD

Required Delivery Period	1 June - 30 September	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	55,000 gal	SEATs	Yes
Pits	1	MAFFS	Yes
Simultaneous Pits	1	Offload Capacity	5,000 gal
Water Supply	Municipal supply through six inch service, flowing through a hydrant at 600 gpm		
Electrical Supply	Agency supplied 3 phase 200 amp panel.		
Storage	20 x 40 workshop, 8 x 40 shipping container dry cold storage.		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	10,000 gal water tank	N/A	N/A	N/A	N/A	N/A
2	15,000 gal retardant tank	N/A	N/A	N/A	N/A	N/A
1	6,000 gal off-load tank	N/A	N/A	N/A	N/A	N/A
1	Gorman Rupp gas operated pump (back-up)	N/A	N/A	N/A	#1093111	N/A - 2001
1	Mass Flow System	MicroMotion	N/A	N/A	#14296435	N/A - 2014
1	Mass Flow System	MicroMotion	N/A	N/A	#7123554	N/A
1	Lot, Misc fittings and valves	N/A	N/A	N/A	N/A	N/A
1	Work shop (20 x 40)	N/A	N/A	N/A	N/A	N/A
1	Con-Ex (8 x 40) retardant storage	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor supplies all electrical components and expertise for the required mixing and loading from provided panel to pumps and mixers.
3- phase electrical pumps required 2ea 3 phase may be operated at the same time from the panel.
Minimum capacity of 3,000 gal off- load tank; 4-50' loading hoses; 1-loading pump 400 gpm min 500 gpm max; 1-back-up loading pump; 1-off-load pump
Daily Peak Demand confirmed with ATBM – Gordon Schafer

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Rapid City	Gorman Rupp	14A2-B	Weg W21	18MA106 BW41303	Recirc. Pump 1	001422
Rapid City	Electric Panel					
Rapid City	HONDA	WT40X	HONDA	GX340	Off-Load Pump	000122
Rapid City	LC Canadian Blender	Y Blender				002607
Rapid City	Check Valves-Retardant					None
Rapid City	Check Valves-Water					None
Rapid City	Shade Structure 10' X 20' (1)					
Rapid City	QC Kit (2-refracts,test kit)					
Rapid City	LAT Loading System (Incl skates,hose,valve)	Aluminium				
**Inventory provided may vary by location over time as maintenance and repairs may cycle thru locations.						
Rapid City	Rock Trap (Where is this located?)	Phos-Chek Design				000514
Rapid City	Electric Panel (Verify)					
Rapid City	Gorman Rupp (I think this is Agency.. Its on a Yellow tra	14A2-B	Weg W21	18MA106 BW41302	Load Pump 1	001423

A-R03-01 FS Albuquerque, NM

Required Delivery Period	29 April - 16 July	VLATs	No
Product	MVP-Fx (Lot #: 0403014-A/B)	LATS	Yes
Daily Peak Req	100,000 gal	SEATs	Yes
Pits	2	MAFFS	Yes
Simultaneous Pits	1	Offload Capacity	4,000 gal
Water Supply	Municipal supply through six inch service, flowing at 500 gpm		
Electrical Supply	3 phase, 480 volt, 4 wire, 600 amp power panel is located in the plant area		
Storage	No indoor, over-winter storage		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Mass Flow System	MicroMotion	N/A	N/A	#AG0001229364	N/A - 2014
1	Fenced storage area (portion of 50 x 100)	N/A	N/A	N/A	N/A	N/A

Notes:

The contractor shall be responsible for all conduit, boxes, panels, switching and wiring not already in this panel, as well as the cost
3- phase electrical pumps required 2ea 3 phase may be operated at the same time from the panel.
7,000 gallon water holding tank for washdown of spills & aircraft is available.
Contractor is responsible for above ground plumbing from on-site water source to supply and mix tanks.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model/SN	Motor Brand	Motor Model/SN	category	serial num pc
Albuquerque	Deming 4021	4021/SN: DC-920533	Siemens-Allis	SN:51-359-614	Load Pump 1	002147
Albuquerque	Electrical Panel					
Albuquerque	Paco	SN:3749601	Baldor	SPEC:09F823Y35361	Water Pump	000737
Albuquerque	Electrical Panel	200 Amp	Square D Well-Guard			000736
Albuquerque	Gorman Rupp	14A2-B	Electrim	B106371	Recirc Pump	002146
Albuquerque	ELECTrical Panel					
Albuquerque	Gorman Rupp	13D-19/SN:1172801	Briggs Stratton		Offload	001934
Albuquerque	Gorman Rupp	13D-GX270/SN:1446	Honda	GX270	Offload	
Albuquerque	MCM 250 X Series	250X / SN: 28704	Wisconsin	V465D/SN:96020593	Backup Loading Pur	002250
Albuquerque	Gorman Rupp (has been replaced? Maybe with MCM?)	14C2	Wisconsin	V465D/SN:96020593	backup	002153
Albuquerque	Trash Pumps (Not sure what this is.					
Albuquerque	Tank Retardant 1 w/recirc system	10K steel			Storage	
Albuquerque	Tank Retardant 2 w/recirc system	10K steel			Storage	
Albuquerque	Tank Retardant 3 w/recirc system	10K steel			Storage	
Albuquerque	Tank Retardant 4 w/recirc system	10K steel			Storage	
Albuquerque	Tank Water	10K steel			Water Tank	
Albuquerque	Tank Off-load	6K steel			Offload	
Albuquerque	Tank Off-load	4K steel			Offload	
Albuquerque	Valve Electric 2.5 inch	Water				
Albuquerque	Eductor	350 GPM	Bulk Systems			
Albuquerque	Air Blower	Electric	Leeson Electric			
Albuquerque	Air Blower	Gas	Briggs Stratton			
Albuquerque	Forklift	V50D	Caterpillar			000408
Albuquerque	Water Meter	4" Flanged McCrometer				001894
Albuquerque	QC Kit (2-refracts, test kit)					
Albuquerque	Shade Structure 10' X 20' (1)					
Albuquerque	LAT Loading System (Incl skates (29), hose, valve)	Aluminium				

A-R03-02 FS Ft. Huachuca

Required Delivery Period	15 April - 18 July	VLATs	No
Product	MVP-Fx (Lot #: 0403014-A/B)	LATS	Yes
Daily Peak Req	100,000 gal	SEATs	Yes
Pits	3	MAFFS	No
Simultaneous Pits	2	Offload Capacity	3,000 gal
Water Supply	Agency/Military supplied. Water from 6" water main flowing at 1400gpm.		
Electrical Supply	Agency/Military supplied 277/480 volt 600 amp available		
Storage	Sufficient for supplies and leftover product		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Mass Flow System	MicroMotion	N/A	N/A	#246949	N/A + 12 years
1	Mass Flow System	MicroMotion	N/A	N/A	#232841	N/A + 15 years
1	Forklift	N/A	N/A	N/A	N/A	N/A
1	Storage ares sufficient for supplies and product	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to furnish 4,000 + gallon off load tank w/capability to off load any airtanker. Contractor is responsible for its plumbing and electrical
Daily Peak Demand confirmed with ATBM - Gilbert Gil

Perimeter Solutions Owned Equipment:

Location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Fort Huach	Gorman Rupp	84A2	Deutz Diesel	D-914-L03	Load Pump 1	N/A
Fort Huach	Electrical Panel					
Fort Huach	Sulzer, Water Pump	2881	Baldor	JMM4108T	Water Pump	00731
Fort Huach	Electrical Panel					
Fort Huach	Water Pump, Back Up	4PETSO	Wisconsin	VG4D	Mixing	NA
Fort Huach	Pump, Transfer	14D-1 GX390	honda	gx 390	transfer pump	001776
Fort Huach	Pump, Offload	13D-1 GX 240	Honda	gx 240	off load pump	001353
Fort Huach	Pump		Monarch	5BSGF		NA
Fort Huach	Forklift	Toyota		7FGU25	propane	NA
Fort Huach	Eductor				Mixing	00580
Fort Huach	Blower, Main	Baldor	L3506		Main blower	001939
Fort Huach	Blower, Back Up	Briggs Stratton			back up blower	NA
Fort Huach	Air Blowers, Spare		Baldor	L3506	for parts	002135
Fort Huach	Air Blower, Spare		Leeson Electric		SPARE	001938
Fort Huach	Air Blower, Spare		A.O. Smith	electric	SPARE	001920
Fort Huach	Water Meter	McCrometer			Mixing	002171
Fort Huach	10 K Retardant Tank w/recirc system					1703
Fort Huach	18 K Retardant Tank w/recirc system					00581
Fort Huach	Off-load Tank					
Fort Huach	Catwalk with Staris					
Fort Huach	3K Offload Vertical Polyethelene	3K Poly Tank	Snyder		Offload Tank	002515
Fort Huach	Shade Structure 10' X 20' (1)					
Fort Huach	LAT Loading System (Incl skates ,hose, valve)					
Fort Huach	QC Kit (2-refracts, test kit)					
Fort Huach	Gorman Rupp (NO MOTOR, Ship to PF)	14A2B	No motor			001923
Fort Huach	Hopper / Dust Collector (Needs to be Removed)					NA

A-R03-03 FS Phoenix - Mesa, AZ

Required Delivery Period	15 April - 31 July	VLATs	*Yes
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	133,000 gal	SEATs	Yes
Pits	2 + 2 Seats	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	20,000 gal
Water Supply	Municipal 2 - 2" supply lines		
Electrical Supply	3-240/480V hook ups, 110 outlets both main pits.		
Storage	Office area & 300 Square ft of storage		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	19,800 gal off-load tank	N/A	N/A	N/A	N/A	N/A
1	Forklift	N/A	N/A	N/A	N/A	N/A
1	Mass Flow System	MicroMotion	N/A	N/A	#14243545	N/A + 3 years
1	Mass Flow System	MicroMotion	N/A	N/A	#14244589	N/A + 3 years
1	Office and storage space available	N/A	N/A	N/A	N/A	N/A

Notes:

*VLAT - DC10 primary, 747 most likely loaded on a separate ramp using MRB
Daily Peak Demand confirmed with ATBM

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Phoenix M	Gorman Rupp	14A2-VH4D S/G	Wisconsin	6281154	Back Up/Seat Load	000422
Phoenix M	MCM 250X	250X Series	Baldor Reliancer	SN: C1511120427	Loading Pump 2	002807
Phoenix M	Electrical Panel	Cutler Hammer				
Phoenix M	12K Tank Retardant w/recirc system	12K steel				002856
Phoenix M	12K Tank Retardant w/recirc system	12K steel				002857
Phoenix M	10K Tank Water	10K steel				NA
Phoenix M	Clay Valve	4" INLET\OUTLET		4 124-01A	Water	001200
Phoenix M	Gorman Rupp	84A2-B		Marathon	Recirc. Pump 1	001960
Phoenix M	Electrical Panel	Cutler Hammer				
Phoenix M	Gorman Rupp	U4B60-B	US Electric	R068A	Loading Pump 1	002507
Phoenix M	Electrical Panel	Cutler Hammer				
Phoenix M	Gorman Rupp	13D-1	Honda	GX240	Off-Load Pump	001354
Phoenix M	Wacker	PTS4V	Briggs & Stratton	16 HP	Off-Load Pump	000745 / 001205
Phoenix M	Electric Panel- Pump Wireless Start					
Phoenix M	Remote Receivers	605R	Issacs Technology	SN: 006706	Loading	
Phoenix M	Remote Receivers	605R	Issacs Technology	SN: 006498	Loading	
Phoenix M	Remote Transmitters					
Phoenix M	LC Canadian Blender				Loading 2	002949
Phoenix M	Check Valves-Retardant					002949
Phoenix M	Check Valves-Water					
Phoenix M	LC "Y" Blender				Loading 1	001198
Phoenix M	Check Valves-Retardant				Loading 1	002848
Phoenix M	Check Valves-Water				Loading 1	002847/001197
Phoenix M	Air Compressor	Craftsman			Recirc	002855
Phoenix M	QC Kit (2-refracts, test kit)					
Phoenix M	Shade Structure 10' X 10' (2)					
Phoenix M	LAT Loading System (Incl skates, hose, valve)					

Phoenix M	Gorman Rupp (Needs to be Removed...Not sure where)	U4B60-B	U.S. Electric Motor	R068A	Load Pump 1	002506
Phoenix M	Gorman Rupp (Needs to be Removed... PF for Repairs)	14A2	World Energy	B0204FLF2UK	Spare PF	002122
Phoenix M	Gorman Rupp (Duplicate from Above, Needs to be removed)	14A2	Weg			002122
Phoenix M	Tank Off-load (This PC shows to be a Batch Motor in C)	10K steel				002573

A-R03-04 FS Prescott, AZ

Required Delivery Period	1 May - 29 July	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	75,000 gal	SEATs	Yes
Pits	3	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	5,000 gal
Water Supply	Agency provided through a 4" municipal water main.		
Electrical Supply	400 Amp; 480 Volt. Power (gas, electricity, etc.) supplied/ maintained by the Contractor		
Storage	Office area (160 sq. ft.) & outdoor storage shed (14.5' x 10.5') for the contractor's use		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Retardant manifolds to 3 pits	N/A	N/A	N/A	N/A	N/A
1	Lot, wash down hoses	N/A	N/A	N/A	N/A	N/A
1	Mass Flow System	MicroMotion	N/A	N/A	#12005377	N/A
1	Mass Flow System	MicroMotion	N/A	N/A	N/A	N/A
1	Office and storage available	N/A	N/A	N/A	N/A	N/A

Notes:

The Contractor provides power supply to pumps, 5000 gallon off-load tank, loading hose, with skates, fittings, valves
Contractor shall provide their own phone and internet connection.
Drains lead to a diverter box from containment area to direct runoff to the rubber-lined lagoon or to the landscape.
It is the responsibility of the contractor to ensure spills or runoff is diverted to the lagoon during any tank work/ maintenance outside of the MAP.
Fire extinguisher(s) by the contractor's pumps/tanks/shed & office area must be serviced/maintained by the vendor.
Loading hose required to reach a MAFFS aircraft parked with the loading valve on the opposite side of the retardant manifold.
Retardant lines must be drained prior to the start of the MAP annually. The retardant manifolds have dual containment and were installed in the fall of 2015.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Prescott	5K Tank	5K steel			Off-Load	
Prescott	5K Tank	5K steel			Water	002873
Prescott	10K Tank Retardant w/recirc system	10K steel				002870
Prescott	10K Tank Retardant w/recirc system	10K steel				002871
Prescott	10K Tank Retardant w/recirc system	10K steel				002872
Prescott	Catwalk with Stairs					
Prescott	Electrical Panels	90Amp	480 V			
Prescott	Electrical Panels	60 AMP	480 V			

Prescott	Gorman Rupp	13D-19	Briggs & Stratton	199432	Off-Load Pump	
Prescott	Gorman Rupp	14A2		U.S. Electric	Recirc. Pump 1	001165
Prescott	Deming	4M	Wisconsin	V465D	Backup	001168\001169
Prescott	Cutler Hammer	Control Pannel				
Prescott	LC Canadian Blender	Orifice				002864
Prescott	Check Valve-Retardant	Nibco				002865
Prescott	Check Valve-Water	Nibco				002866
Prescott	LC Canadian Blender					002867
Prescott	Check Valve-Retardant					002868
Prescott	Check Valve-Water					002869
Prescott	Homelite	TP4V	Briggs & Stratton	10 series/190432		002628
Prescott	Riverside Pump	TP4V	Briggs & Stratton		Off Load Pump	002626
Prescott	Air Compressor - Craftsman	BTM56RB34D2M	150 psi		Air Compressor	002875
Prescott	Electric Panel- Pump Wireless Start					
Prescott	Remote Receivers					
Prescott	Remote Receivers					
Prescott	Remote Transmitters					
Prescott	QC Kit (2-refracts, test kit)					
Prescott	Shade Structure 10' X 10' (2)					
Prescott	LAT Loading System (Incl skates, hose, valve)	10 + 6 Quantity			Aluminum	
Prescott	LAT Loading System (Incl skates, hose, valve)	18 steel			Steel	

Prescott	Deming (No Longer at this location)	4M		Marathon	Load Pump 1	001948
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A-R03-05 FS Winslow, AZ

Required Delivery Period	3 May - 12 July	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATS	Yes
Daily Peak Req	100,000 gal	SEATs	Yes
Pits	3	MAFFS	No
Simultaneous Pits	1	Offload Capacity	3,000 gal
Water Supply	Municipal supply through six inch service, flowing at 500 gpm		
Electrical Supply	3 phase, 480 volt, 4 wire, 600 amp power panel is located in the plant area		
Storage	No indoor over-winter storage available. Office/ Restroom and 10x12 storage shed available		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	5,850 gal water tank	N/A	N/A	N/A	N/A	N/A
1	9,700 gal retardant tank	N/A	N/A	N/A	N/A	N/A
1	Mass Flow System	MicroMotion	N/A	N/A	#12042206	N/A - 6 yrs
1	Manifold	N/A	N/A	N/A	N/A	N/A
1	Office and storage shed (no long-term product storage)	N/A	N/A	N/A	N/A	N/A

Notes:

The contractor shall be responsible for all conduit, boxes, panels, switching and wiring not already in this panel, as well as the cost
Minimum capacity of 3,000 gal off load tank. 4-50' loading hoses. 1 loading pump, 400 gpm min 500 gpm max. 1 back-up loading pump. 1 off load pump
*Daily Peak Demand confirmed with ATBM

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Winslow	MCM 250X	MCM 250X				002240
Winslow	Gorman Rupp	14-C2B	HOSTILE ELEC		Recirc. Pump 1	001947
Winslow	Cutler Hammer	Control Pannel				
Winslow	Deming	3M	Wisconsin	VG4D	Backup	FT-GE0051
Winslow	Deming	3M	Hostile elec.	FT EM0029	Load Pump 1	FT EM0079
Winslow	Cutler Hammer	Control Pannel				
Winslow	Gorman Rupp	14C2-B	Hostile elec.	PC 1704	Recirc. Pump 2	FT#EM0030
Winslow	Water Boost Pump	Baldor		JML 1409		none
Winslow	Deming		Wisconsin	PT5871	Backup	FTPP0082
Winslow	Gorman Rupp				Off-Load Pump	FT PU0081
Winslow	Gorman Rupp	13D-GX270	Honda	GX270		
Winslow	10K Tank Retardant w/recirc system	10K steel			Tank # 2	002884FT ST0084
Winslow	10K Tank Retardant w/recirc system	10K steel			Tank #1	002883/FT ST0083
Winslow	10K Tank Retardant w/recirc system	10K steel			Tank #3	002885FT ST0085
Winslow	10K Tank Water	10K steel			water	
Winslow	Steel Orifice "Y" Blender	Orifice				
Winslow	Check Valve-Retardant	Nibco				002882
Winslow	Check Valve-Water	NIBCO				002881
Winslow	Disconnect Pannel	Cutler Hammer				
Winslow	Disconnect Pannel	Cutler Hammer				
Winslow	3K Tank - Offload	3k Steel			Off-Load	002882/FT ST0086
Winslow	Air Compressor	921	Craftsman	150 psi	Compressor	none
Winslow	QC Kit (2-refracts,test kit)					
Winslow	Shade Structure 10' X 10' {1}					
Winslow	LAT Loading System (Incl skates, hose, valve)					

A-R04-01 BLM Battle Mtn, NV

Required Delivery Period	1 June - 30 September	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	105,000 gal	SEATs	Yes
Pits	2	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	5,000 gal
Water Supply	Agency well, two-inch service, flowing at 300 gpm		
Electrical Supply	400 amp; 3- phase, 220 v		
Storage	Space for dry powder storage & mixing operations is limited.		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Mass Flow System	MicroMotion	N/A	N/A	N/A	N/A
1	Office space is available	N/A	N/A	N/A	N/A	N/A
1	Storage space is limited	N/A	N/A	N/A	N/A	N/A

Notes:

The contractor has been responsible for all conduit, boxes, panels, switching and wiring not already in these panels, this includes associated costs
Office/workshop avail. for contractor's use.
Water storage capacity of 20,000 gallons min to be furnished by contractor for a total of 30,000 gals of water storage.

Perimeter Solutions Owned Equipment:

Location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Battle Mtn	Gorman Rupp	14A2	Weg	02018ep3e256t	Load Pump 1	001271
Battle Mtn	Paco	2882/310561	Baldor	N/A	Load Pump 2	002161
Battle Mtn	Gorman Rupp	14C2	Wisconsin	VH4D	Backup Recirc	001896
Battle Mtn	Gorman Rupp	13A2-AENLD	Wisconsin	AENLD	Off-Load Pump	001787
Battle Mtn	Gorman Rupp	53H2	Wisconsin	VH4G		000158
Battle Mtn	Water Boost Pump	Baldor	G & L SSV		Water Boost Pump	none
Battle Mtn	Gorman Rupp	14A2-B				none
Battle Mtn	Wacker	PTS4			Seat/Off load pump	none
Battle Mtn	10K LC Tank 3 w/Recirc System				10k LC Tank	1658
Battle Mtn	10K LC Tank 4 w/Recirc System				10k LC Tank	1659
Battle Mtn	10K LC Tank 5 w/Recirc System				10k LC Tank	1660
Battle Mtn	Catwalk with Staris					
Battle Mtn	12K Water Tank 1				12k water tank	1656
Battle Mtn	12K Water Tank 2				12k water tank	1657
Battle Mtn	4.5K 3Off Load Tank				4.5k Off Load Tank	none
Battle Mtn	LC Canadian Blender					
Battle Mtn	Check Valve-Retardant					
Battle Mtn	Check Valve-Water					
Battle Mtn	Air Compressor	Husky		947265		none
Battle Mtn	QC Kit (2-refracts, test kit)					
Battle Mtn	Shade Structure 10' X 20' (1)					
Battle Mtn	LAT Loading System (Incl skates, hose, valve)					

A-R04-02 FS Boise, ID

Required Delivery Period	1 June - 30 September	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	96,000 gal	SEATs	Yes
Pits	3	MAFFS	Yes
Simultaneous Pits	1	Offload Capacity	3,000 gal
Water Supply	Municipal supply through 5 inch service, flowing at 400-500 gpm.		
Electrical Supply	Agency provided 400 amp 220 volt electrical.		
Storage	1000 sq. ft. of covered storage is available		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Manifold	N/A	N/A	N/A	N/A	N/A
3	Lot, loading hoses and skates	N/A	N/A	N/A	N/A	N/A
1	Mass Flow System	MicroMotion	N/A	N/A	#AG0001337946	N/A 2014
1	Office and storage space is limited	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor shall provide own phone. Contractor responsible for their plumbing & wiring.
1,000 sq ft of covered, paved storage is available.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Boise	Gorman Rupp	53H2	Wisconsin	VH4D	Gas Backup	000163
Boise	Paco	3749601G	Baldor	310581	Load Pump	002137
Boise	Gorman Rupp	14A2	Weg	02018ep3e256t	Recirc. Pump 1	002127
Boise	Homelite	TP3B	Briggs & Stratton	J1940	Off-Load Pump	002107
Boise	Backflow Preventer	Water	Zurn		Backflow	002600
Boise	Water Tank				12k tank	002514
Boise	Blender				Canadian	2640
Boise	Wacker	PTS4				2672
Boise	Gorman Rupp	13D GX 270				2596
Boise	Water Boost Pump					none
Boise	LC Tank w/recirc system	20k steel			LC tank	
Boise	QC Kit (2-refracts, test kit)					
Boise	Shade Structure 10' X 10' (1)					
Boise	LAT Loading System (Incl skates, hose, valve)					

Base under construction, Equipment may Change

A-R04-03 BLM Cedar City, UT

Required Delivery Period	15 May - 30 September	VLATs	No
Product	LC95A-FX (Lot #: 0439-076B)	LATs	Yes
Daily Peak Req	35,000 gal	SEATs	Yes
Pits	3	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	5,000 gal
Water Supply	Municipal, four inch supply, flowing at 400 gpm		
Electrical Supply	110 V, 220 V, 277/480 V		
Storage	N/A		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
2	Mass Flow System	MicroMotion	N/A	N/A	N/A	N/A
2	10,000 gal Water tanks	N/A	N/A	N/A	N/A	N/A
3	10,000 gal retardant tanks	N/A	N/A	N/A	N/A	N/A
1	4,000 gal off-load tank - poly	N/A	N/A	N/A	N/A	N/A

Notes:

8,000 gal water storage tank to fit within existing spill containment - contractor.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Cedar City	Gorman Rupp	U4A60-B,SN: 11077	Toshiba, SN:979100	B0254FLF3UM	Load Pump 1	
Cedar City	Gorman Rupp	U4A60-B	Toshiba	B0204FLF2UM	Load Pump 2	
Cedar City	Gorman Rupp	16C2b	Teco Westinghouse	AEEANE	Recirc. Pump 1	
Cedar City	Gorman Rupp	14A2	Wisconsin	VH4D	Backup	
Cedar City	Homelite	51457A	Homelite	195432	Off-Load Pump	
Cedar City	Pump	Probably Gorman Rupp				
Cedar City	Pump	13D-GX 270				PC 2509
Cedar City	10 k LC Tank w/recirc system					
Cedar City	Tank Water 8K	8k steel				
Cedar City	Blender	Valve Blender				
Cedar City	Blender	Valve Blenders				
Cedar City	Offload Tank				3k tank	
Cedar City	Air Compressor	VT 631	Marathon	30 Gallon	Compressor	none
Cedar City	QC Kit (2-refracts, test kit)					
Cedar City	Shade Structure 10' X 30' (1)					
Cedar City	LAT Loading System (Incl skates, hose, valve)					

A-R04-04 FS Hill AFB, UT

Required Delivery Period	12 June - 12 October	VLATs	No
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	61,000 gal	SEATs	Yes
Pits	2	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	4,000 gal
Water Supply	Municipal water supply available		
Electrical Supply	Agency supplied power – 3 phase, 200 amp		
Storage	None		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Mass Flow System	MicroMotion	N/A	N/A	#14196955	N/A 2014
1	Mass Flow System	MicroMotion	N/A	N/A	#14196957	N/A 2014

Notes:

Other base needs: 4,000 gal off-load tank and manifold pipes from mixing area to loading pits required.
Contractors' personnel required to obtain ID's and flightline driver's licenses.

Perimeter Solutions Owned Equipment:

Location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Hill	Gorman Rupp	54A2-VG4D	Wisconsin	VH4D	Load Pump 1	000403
Hill	Paco	310581	BALDOR ELEC.	JMM4108T	Load Pump 2	002020
Hill	Paco	310581	Baldor Elec.	JMM4108T	Recirc Pump	002003
Hill	Monarch	5BSGF-*	Briggs & Stratton	133233	Off-Load Pump	002004
Hill	Gorman Rupp	T4A60-B	Baldor	M4115T	Backup	na
Hill	MCM 250X	250X Series	Crown Triton			002770
Hill	Gorman Rupp	84A2	Deutz			002970
Hill	Gorman Rupp	13D-GX270	Honda	GX270	Backup	002838
Hill	10K Tank, Retardant					
Hill	10K Tank, Retardant					
Hill	10K Tank, Offload					
Hill	8K Tank, Water					
Hill	Catwalk with Stairs					
Hill	LC Canadian Blender					002953
Hill	Check Valve-Retardant					
Hill	Check Valve-Water					
Hill	LC Canadian Blender					002955
Hill	Check Valve-Retardant					
Hill	Check Valve-Water					
Hill	Air Compressor	Craftsman				
Hill	QC Kit (2-refracts, test kit)					
Hill	Shade Structure 10' X 10' (1)					
Hill	LAT Loading System (Incl skates, hose, valve)					

A-R04-05 FS McCall, ID

Required Delivery Period	28 June - 30 September	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	70,000 gal	SEATs	Yes
Pits	?	MAFFS	No
Simultaneous Pits	2	Offload Capacity	6,000 gal
Water Supply	1 - 13,000 gal. Water Tank, Supplied by municipal water.		
Electrical Supply	3 - electric panels		
Storage	2- Garage Bays; 6-spaces Covered Parking as open air storage.		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Forklift	N/A	N/A	N/A	N/A	N/A
4	10,000 gal retardant tank	N/A	N/A	N/A	N/A	N/A
1	13,000 gal water tank	N/A	N/A	N/A	N/A	N/A
1	5,000 gal off-load tank	N/A	N/A	N/A	N/A	N/A
1	10,000 gal waste water containment tank	N/A	N/A	N/A	N/A	N/A
1	15,000 gal storm water run-off tank	N/A	N/A	N/A	N/A	N/A
1	Manifold to 2 pits	N/A	N/A	N/A	N/A	N/A
1	Lot, loading hoses	N/A	N/A	N/A	N/A	N/A
2	Loading gas pumps	Gorman Rupp	84A3B/Wisconsin	W4-1770	N/A	N/A
2	Electric loading pumps	Gorman Rupp	TF4676 / Lincoln	U4B60B	N/A	N/A
1	Re-circ pump #1	MCM	C286T17FB5C/Leese	N/A	N/A	N/A
1	Re-circ pump #2	Gorman Rupp	84A3B/Wisconsin	W4-1770	N/A	N/A
2	Back-up gas pumps	N/A	N/A	N/A	N/A	N/A
1	Mass Flow System	MicroMotion	N/A	N/A	N/A	N/A
1	Mass Flow System	MicroMotion	N/A	N/A	N/A	N/A
1	Lot hardware and banding supplies	N/A	N/A	N/A	N/A	N/A
1	Lot - 600' washdown hose and reel line	N/A	N/A	N/A	N/A	N/A
1	Lot - storage and office space	N/A	N/A	N/A	N/A	N/A

Notes:

Other base needs: 2 - LC Blenders, 4 - back flow valves, 1 - Back-up pump, 1 - Loading Hose.

Electric system is in good condition, but is undersized at capacity. All loading hose end electrical pump switching conduit and load display cables are Agency supplied.

Electrical system wont run all pumps when batch mixing.

Agency does not provide Phone, Computer, Internet Access

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
McCall	LC Canadian Blender	Canadian			Mixing	001275
McCall	Check Valve-Retardant	Stainless			Mixing	002087
McCall	Check Valve-Water	Stainless			Mixing	001913
McCall	LC Canadian Blender	Canadian			Mixing	001274
McCall	Check Valve-Retardant	Stainless			Mixing	002088
McCall	Check Valve-Water	Stainless			Mixing	001912
McCall	Wacker	PTS4	Briggs & Stratton	Vanguard	Off-Load Pump	001964
McCall	QC Kit (2-refracts,test kit)				Quality Check	
McCall	Shade Structure 10' X 10' (2)				Safety	
McCall	LAT Loading System (Incl skates, hose,valve)				Loading	
McCall	Water Tank 20K (Agency owned)	20k steel water			Water tank	

A-R04-06 BLM Pocatello, ID

Required Delivery Period
Product
Daily Peak Req
Pits
Simultaneous Pits
Water Supply
Electrical Supply
Storage

23 June - 7 October
LC95A-R (Lot #: 1051695-C)
62,100 gal
2
1
Municipal water supply - 12" service at 500 gpm
Agency supplied 3 phase, 225 amp 120/240 volt at mixing pad.
Some on-site storage during operating season. No winter storage.

VLATs *Yes
LATs Yes
SEATs Yes
MAFFS No
Offload Capacity 5,000 gal

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
2	10,000 gal retardant tanks	N/A	N/A	N/A	N/A	N/A
1	10,000 gal water tank	N/A	N/A	N/A	N/A	N/A
1	Load pump 1 - 20HP	Monarch EP	5KE254AC105B/GE	N/A	N/A	N/A
1	Load pump 2 - 20HP	Aurora 411	R8761/US Motor	N/A	N/A	N/A
1	Backup pump - 15HP	Crane Deming	3M 4021	N/A	N/A	N/A
1	Forklift	N/A	N/A	N/A	N/A	N/A
2	Mass Flow System	MicroMotion	N/A	N/A	N/A	N/A
1	Lot, hoses and manifold system	N/A	N/A	N/A	N/A	N/A
1	Storage for operating season	N/A	N/A	N/A	N/A	N/A

Notes:

* VLAT - DC10 only

5,000 gal offload tank required. Recirc system required.*

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Pocatello	Gorman Rupp	14A2B	Marathon	Electric	Recirc Pump	001004/ 2616 (2015)
Pocatello	Electric Panel	Square D Well-Guard				002916
Pocatello	Wacker	PTSV4	Vanguard	303447	Seat/offload	001413
Pocatello	LC Canadian Blender					002909
Pocatello	Check Valve-Retardant					002010
Pocatello	Check Valve-Water					002911
Pocatello	LC Canadian Blender					002912
Pocatello	Check Valve-Retardant					002913
Pocatello	Check Valve-Water					002914
Pocatello	Recirc Systems (2)*					
Pocatello	Off Load Tank 5K	5k Steel				002915
Pocatello	Compressor	919.166447	Craftsman 15 Gals			002918
Pocatello	QC Kit (2-refracts, test kit)					
Pocatello	Shade Structure 10' X 10' (1)					
Pocatello	LAT Loading System (Incl skates, hose, valve)					
Pocatello	VLAT Loading System (Incl skates, hose, valve)					

A-R04-07 BLM Stead, NV

Required Delivery Period	1 June - 30 September	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	150,000 gal	SEATs	Yes
Pits	2	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	5,000 gal
Water Supply	Municipal - 3" supply at 200 gpm.		
Electrical Supply	400 amp, 3-phase, 220V		
Storage	Limited space for storage		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
2	Mass Flow System	MicroMotion	N/A	N/A	N/A	N/A
1	sand/oil spearator available for use	N/A	N/A	N/A	N/A	N/A
1	Lot, storage	N/A	N/A	N/A	N/A	N/A

Notes:

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Stead	Deming		Toshiba	80254FFF1A3	Load Pump 1	002464
Stead	Cutler Hammer	Control Pannel				
Stead	Deming	40710400	Marathon	X3284TT	Load Pump 2	001647
Stead	Cutler Hammer	Control Pannel				
Stead	Gorman Rupp	14A2	Marathon	UE256TTFS	Recirc. Pump 1	002605
Stead	Cutler Hammer	Control Pannel				
Stead	Wacker	PTS4V	5918470	Vanguard	Back Up Pump	002716
Stead	Gorman Rupp	13D-GX270	Honda	GX270	Back Up Pump	002767
Stead	LC Canadian Blender	Canadian			Mixing	
Stead	Check Valve-Retardant	Stainless			Mixing	
Stead	Check Valve-Water	Stainless			Mixing	
Stead	LC Canadian Blender	Canadian			Mixing	
Stead	Check Valve-Retardant	Stainless			Mixing	
Stead	Check Valve-Water	Stainless			Mixing	

Stead	10K Reclaim Tank "NO SKIDS" (CURRENTLY OUR RESP	10K steel				001679
Stead	10K Tank Retardant #1 w/recirc system	10K steel			Storage	001880
Stead	10K Tank Retardant #2 w/recirc system	10K steel			Storage	001871
Stead	10K Tank Retardant #3 w/recirc system	10K steel			Storage	001872
Stead	10K Tank Retardant #4 w/recirc system	10K steel			Storage	001873
Stead	Catwalk with Stairs				Storage	
Stead	10 K Tank Water				Storage	001879
Stead	2K Vertical Offload Polyethylene,Tank	2K Vertical Poly Tank			Storage	
Stead	3K Tank Off-load	4K steel			Storage	001650
Stead	Water Tank Auto Shut Check Valve Flow Systems					
Stead	Mobile Office Modular 8'X20"					
Stead	Shed (DO WE NEED ITEMS AS PART OF THIS?)	Tuff-Shed				
Stead	Conex Co 20'			9610560	CAXU-247754 7	
Stead	Compressor	PRE5020-WK	ProAir		Compressor	
Stead	QC Kit (2-refracts,test kit)					
Stead	Shade Structure 10' X 10' (2)					
Stead	LAT Loading System (Incl skates, hose, valve)					

Stead	Gorman Rupp (Not inventoried, unknown location)	13D-1	Briggs & Stratton		Off-Load Pump	001649
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A-R04-08 BLM Twin Falls, ID

Required Delivery Period	15 June - 30 September	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	60,000 gal / 10,000 gal concentrate	SEATs	Yes
Pits	2	MAFFS	Yes
Simultaneous Pits	1	Offload Capacity	10,000 gal
Water Supply	Municipal supply through six inch service, flowing at 500 gpm		
Electrical Supply	Multiple 3 phase, 480 volt, 4 wire, 600 amp power panels located in the plant area		
Storage	2 - 5,000 gal, no indoor over-winter storage available. Office area available storage for contractor use		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
2	5,000 gal off-load/storage tank (steel)	N/A	N/A	N/A	N/A	N/A
1	180,000 gal storage pond	N/A	N/A	N/A	N/A	N/A
1	Electric off-load/recirc pump w/ motor, 430 gpm	Gorman Rupp	N/A	N/A	N/A	N/A
1	Diesel pump w/ motor for water load, 350 gpm	N/A	N/A	N/A	#RZ00246	N/A 1992
1	Water pump	Deutz F31912	Libby Corp	N/A	N/A	N/A
1	Mass Flow System	MicroMotion	N/A	N/A	N/A	N/A
1	FEMA office trailer	N/A	N/A	N/A	#5CH200R34911558	N/A
1	Lot, loading hoses and fittings	N/A	N/A	N/A	N/A	N/A
6	Mobile Aerial Retardant Operation Trailer Systems	MAROTS	N/A	N/A	N/A	N/A

Notes:

Require 4 - 10,000 gal tanks, blender system and associate lines
Require 1 - 450 GPM electric pump/motor, 1 - 250 GPM gasoline pump/engine, 1 - 300 GPM gasoline reload pump

Perimeter Solutions Owned Equipment:

Location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Twin Falls	Deming 4021	3M	Baldor	FT EM0006	Load Pump 1	001858
Twin Falls	Electric Panel	Cutler Hammer				002928
Twin Falls	Deming 4021	3M	Wisconsin	V465D1 FTGE0007	Load Pump 2	001856
Twin Falls	14A4 Back Up (Not Hooked UP)	14A2	Toshiba	b0204ff2uk	Backup Recirc	001895
Twin Falls	Gorman Rupp 14A2	Gorman Rupp 14A2	Landmark	4020TX	Recirc. Pump 1	
Twin Falls	Electric Panel					
Twin Falls	Wacker PTS4V	PTS4V	Vanguard	305447	Off-Load Pump	001903
Twin Falls	Multi Quip Trash Pump	Multi Quip QP3TH	Honda	gx 240	Water Pump	none
Twin Falls	"Y" Blender					
Twin Falls	Check Valve-Retardant				Mixing	002925
Twin Falls	Check Valve-Water				Mixing	002926
Twin Falls	Blender				Mixing	002927
Twin Falls	10K Tank Retardant w/recirc system	10K steel			LC Tank	002922
Twin Falls	10K Tank Retardant w/recirc system	10K steel			LC Tank	002923
Twin Falls	10K Tank Retardant w/recirc system	10K steel			LC Tank	002924
Twin Falls	10K Water Tank	10k steel			water tank	002921
Twin Falls	Catwalk with Stairs					
Twin Falls	Compressor	Craftsman 919	2 HP, 33 Gal	919.16732	Tools/Recirc	002929
Twin Falls	QC Kit (2-refracts, test kit)					
Twin Falls	Shade Structure 10' X 10' (1)					
Twin Falls	LAT Loading System (Incl skates, hose, valve)					
Twin Falls	Tank (2) (AGENCY OWNED)	Off load 4k steel				

A-R04-09 BLM Winnemucca, NV

Required Delivery Period	1 June - 30 September	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATs	No
Daily Peak Req	30,000 gal	SEATs	Yes
Pits	1	MAFFS	No
Simultaneous Pits	1	Offload Capacity	3,000 gal
Water Supply	Agency provided, 200 GPM		
Electrical Supply	220V		
Storage	Limited storage		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
2	5,000 gal poly water tanks	N/A	N/A	N/A	N/A	N/A
1	Mass Flow System	MicroMotion	N/A	N/A	N/A	N/A
1	Lot, office, workshop and WiFi available	N/A	N/A	N/A	N/A	N/A

Notes:

Office, workshop and WiFi available for contractor
Contractor provides pumps, hoses, valves, recirc system, off load system, plumbing for water system

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Winnemucca	Wacker	PTS4V	Vanguard	Briggs Stratton 16HP	Load Pump 1	002163
Winnemucca	Recirc Pump	Riverside TP4V	Vanguard	Briggs Stratton 16HP	Recirc Pump	001351
Winnemucca	Wacker	PTS4V	Vanguard	Briggs Stratton 16HP		002025
Winnemucca	* HONDA	QP-3TH	HONDA	GX242	Backup	002169
Winnemucca	12k LC Tank w/recirc system	12K Tank			LC Tank	
Winnemucca	Catwalk with Stairs					
Winnemucca	Offload Poly Tank	2600 Gallon Poly				
Winnemucca	LC Canadian Blender	Canadian Blender			Mixing	002399
Winnemucca	Check Valve-Retardant				Mixing	
Winnemucca	Check Valve-Water	13419 Gals Cap			Mixing	
Winnemucca	Air Compressor	Campbell Hausfeld		200 PSI	Recirc	none
Winnemucca	Containment Berm 25'x46'	Basic Concepts Inc.			Containment	
Winnemucca	QC Kit (2-refracts, test kit)					
Winnemucca	Shade Structure 10' X 10' (1)					
Winnemucca	LAT Loading System (Incl skates 24, hose, valve)					
Winnemucca	Water Tank (2) (AGENCY OWNED)	4500 Gallon Poly				
Winnemucca	* Tank Retardant (NOT FOUND AT THIS LOCATION)	8k steel				001644
Winnemucca	* Gorman Rupp (NOT FOUND AT THIS LOCATION)	14A2	Wisconsin	VH4D	Recirc. Pump 1	001493
Winnemucca	* HONDA (NOT FOUND AT THIS LOCATION)	4F0YV1	HONDA	GX340	Load Pump 1	002170
Winnemucca	HONDA	4f0yv1	Honda	GX340MAX-337	Off Load / Back Up P	2606 *

A-R05-01 FS Castle AFB, CA

Required Delivery Period	1 June - 30 September	VLATs	*Yes
Product	MVP-Fx (Lot #: 0403014-A/B)	LATs	Yes
Daily Peak Req	130,000 + gal	SEATs	Yes
Pits	2	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	12,000 gal
Water Supply	Municipal water supply (Min 350 GPM)		
Electrical Supply	400 amp; 220 volt		
Storage	No indoor over-winter retardant storage avail. Office area and Tough storage shed avail.		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
2	Mass Flow Water Meter	N/A	N/A	N/A	N/A	N/A
1	Lot storage	N/A	N/A	N/A	N/A	N/A

Notes:

* VLAT - DC10 and 747

Castle has been operated with a reduced price Portable VLAT system for several years on the Full Service contract.

Other needs: 2-25K Gallon Steel Tanks w/recirc sys; 350 GPM Eductor Mix System; Containment berm; 2-mechanical pumps (500GPM to 2 pits similt.); forklift

Perimeter Solutions Owned Equipment:

Location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Castle	Gorman Rupp	84A2-F3L/SN:137864	Deutz	F3L914	Loading Pump	002631
Castle	Gorman Rupp	84A2-F3L	Deutz	F3L912	Loading Pump	
Castle	Gorman Rupp	14D1-GX390	Honda	GX390	Offload	001289
Castle	25K Tank Retardant #1 w/recirc system	25K				
Castle	25K Tank Retardant #2 w/recirc system	25K				
Castle	12K Offload Tank	12K				
Castle	10K Offload Tank	10K				
Castle	3K Poly Tank 3	3K Gals				
Castle	Water Meter	AWWA Class II				
Castle	Air Blowers		Honda	GX160-5.5HP	SPARE	002216
Castle	Air Compressor	Craftsman		30 Gal, 50 PSI		
Castle	Generator	Predator	6500 Watt			
Castle	Forklift	Toyota	4500 lbs	8FGU25		
Castle	Forklift	Caterpillar	4400 lbs	V50D		
Castle	Modular Office Building 8X20	Mobile Modular				
Castle	QC Kit (2-refracts, test kit)					
Castle	VLAT Loading System (Incl skates 90, hose, valve)					

Castle	Gorman Rupp (NOT at this Location)	04A13-F3L	Deutz Diesel	F3912		002668
Castle	Gorman Rupp	04A13-F3L	Deutz Diesel	F3912		002669

A-R05-02 FS Chester, CA

Required Delivery Period	15 June - 15 October	VLATs	No
Product	MVP-Fx (Lot #: 0403014-A/B)	LATs	Yes
Daily Peak Req	30,000 gal	SEATs	Yes
Pits	3	MAFFS	No
Simultaneous Pits	3	Offload Capacity	6,500 gal
Water Supply	Utility District owned from 8" metered main on containment area. Water by contractor		
Electrical Supply	3 phase, 400 amps, 480 volts		
Storage	Some covered storage available for winter and 40' X 100' uncovered area at mix plant		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Forklift	N/A	N/A	N/A	N/A	N/A
1	5,000 gal off-load tank	N/A	N/A	N/A	N/A	N/A
1	Mass Flow System	MicroMotion	N/A	N/A	#14254932	N/A 2011
1	Mass Flow System	MicroMotion	N/A	N/A	#14255681	N/A 2011
1	Mass Flow System	MicroMotion	N/A	N/A	#14254934	N/A 2011
1	sand/oil separator available	N/A	N/A	N/A	N/A	N/A
1	Lot storage	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to provide 2 - 25,000 gal storage tanks, educator & transfer pumps w/1 gas powered back up pump and off-load pump
Agency owned 3 Model 8000 Westrex Printers, S/N's 8515A00238, 8515A00240, 8515A00237

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Chester	Deming	4021	US Electric	a4898-00171	Load Pump * /Recirc	002246
Chester	Control Panel					
Chester	Deming	4021	US Electric	a4898-00171	Load Pump 3	001130
Chester	Cutler Hammer	Control Panel				
Chester	Deming	4021	Wisconsin	V465D1	Load Pump 4 # Back	002151
Chester	Gorman Rupp	53H2	Wisconsin	VF4D	Water	000483
Chester	Deming	4021	Wisconsin	VG4D	Mix Pump (New 201	000524
Chester	Deming	4021				2247
Chester	Wacker	PG3	Honda	GX160		001416
Chester	Tank Retardant #1 w/recirc system	25K Steel				001126
Chester	Tank Retardant #2 w/recirc system	25K Steel				001127
Chester	Catwalk with Stairs					
Chester	Eductor					001674
Chester	Water Meter	Micrometer				001675
Chester	McCrometer					000624
Chester	Air Blowers		Honda	GX160		001009
Chester	Air Blowers		Baldor			001010
Chester	Forklift	CATVC600	6000 lbs			
Chester	Forklift	Clark		CGP25		
Chester	Wilkins 375A	Backflow preventer	On Water Main	X26775		
Chester						
	QC Kit (2-refracts, test kit)					
	Shade Structure 10' X 10' (1)					
	LAT Loading System (Incl skates, hose, valve)					

Chester	Hopper Mixer #1 (Need to be Removed)					002527
Chester	Hopper Mixer #2 (Need to be Removed)					002528
Chester	Super-Sac Horse? (Need to be Removed)					002544
Chester	Steps to Hopper (Need to be Removed)					002524
Chester	Dust collector (Need to be Removed)					002518

A-R05-03 FS Fox Field (Lancaster), CA

Required Delivery Period	1 June - 30 November	VLATs	No
Product	MVP-Fx (Lot #: 0403014-A/B)	LATs	Yes
Daily Peak Req	120,000 gal	SEATs	Yes
Pits	5	MAFFS	Yes
Simultaneous Pits	5	Offload Capacity	2,000 gal
Water Supply	Agency provided. 6" main, 4" supply to mix area		
Electrical Supply	Agency provided 3 phase, 184/92 amp, 230/460 volt, 60hp 3 phase 100/50 amps		
Storage	Limited covered storage area available. Unlimited open area storage		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Forklift	N/A	N/A	N/A	N/A	N/A
1	3,000 gal off-load tank	N/A	N/A	N/A	N/A	N/A
2	40,000 gal retardant storage tank	N/A	N/A	N/A	N/A	N/A
1	10,000 gal water storage tank	N/A	N/A	N/A	N/A	N/A
1	2,000 gal offload tank	N/A	N/A	N/A	N/A	N/A
1	75 hp Electric loading pump	N/A	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
1	Lot, water supply plumbing	N/A	N/A	N/A	N/A	N/A
1	Lot, plumbing from storage tanks to off-load tanks	N/A	N/A	N/A	N/A	N/A
1	lot, underground plumbing	N/A	N/A	N/A	N/A	N/A
1	lot, storage	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to provide 3 - electric loading pumps (60 hp), 1 - Gas loading pump for emergency back-up and hoses, skates, fittings, valves
Contractor provides all connections from power supply to pumps.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Fox	Paco	310581	Baldor	JMM4108T	Load Pump	
Fox	Deming	4021	US Electric	a4898-00171	Load Pump 1	001128
Fox	Gorman Rupp	66B2B	Leeson	C364T17DB7E	Load Pump 1	002160
Fox	Paco	11-50757-045205	Marathon	xd326ttff8026a	Load Pump 2	002123
Fox	Gorman Rupp	55A2-B	Reliance	A205476	Load Pump 4	002158
Fox	Gorman Rupp	54J20	Reliance	34284BB	Load Pump 5	002157
Fox	Gorman Rupp	13D-19	Briggs & Stratton	190432	Off-Load Pump	002156
Fox	Eductor	500				
Fox	Water Meter	McCromter MT-104				
Fox	Cutler Hammer	Control Pannel				
Fox	Catipiller	V60D				
Fox	Shipping Container					
Fox	MCM	250X	Marathon			0002259
	QC Kit (2-refracts,test kit)					
	Shade Structure 10' X 10' (1)					
	LAT Loading System (Incl skates, hose, valve)					

A-R05-04 FS Fresno, CA

Required Delivery Period	23 May - 31 October	VLATs	No
Product	MVP-Fx (Lot #: 0403014-A/B)	LATs	Yes
Daily Peak Req	100,000 gal	SEATs	Yes
Pits	5	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	5,000 gal
Water Supply	Provided from 8' city line to a 6' line with dual backflow valves at mixing pad.		
Electrical Supply	Agency supplied 3 phase, 400 amp, and 440 volt panel. Meter provided by agency.		
Storage	Storage is limited to an area about 16 ft. x75 ft.		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Forklift	N/A	N/A	N/A	SN#5746-91	N/A - 20 yrs old
1	Mass Flow System	MicroMotion	N/A	N/A	#14255317	N/A 2013
1	Mass Flow System	MicroMotion	N/A	N/A	#14255980	N/A 2013
1	Lot, Misc tools	N/A	N/A	N/A	N/A	N/A
1	10' x 12' storage shed	N/A	N/A	N/A	N/A	N/A - 5 yrs old
1	Lot, storage	N/A	N/A	N/A	N/A	N/A

Notes:

Other base needs: Minimum capacity of 5,000 gal off load tank, 4-50' loading hoses. 2 loading pumps, 400 gpm min. 1 back-up loading pump. 1 off load pump. Flowmeter MB104 installed to water source.

Contractor is responsible for obtaining discharge or operating permits related to mixing or loading their products.

Electric supply - The contractor shall be responsible for all conduit, boxes, panels, switching and wiring not already in this panel, as well as the cost.

2 wireless modems (SN#490, SN#491, 1 yr.old); w/2 printers and display (SN #235135, SN#23667, 1yr. Old)

2 pits simultaneous load confirmed with ATBM on 11/24/15

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Fresno	Mission Magnum	19224-86-30	Lincoln		Load Pump 1	002167
Fresno	Square D	Control Pannel				
Fresno	Mission Magnum	19224-86-30	Lincoln	5030a1	Load Pump 2	002166
Fresno	Square D	Control Pannel				
Fresno	Gorman Rupp	14A2	Wisconsin	V465D1	Load Pump 3	002090
Fresno	Deming	4021	Wisconsin	V465D	Backup	001488
Fresno	Gorman Rupp	13D-1	Briggs & Stratton	192432	Off-Load Pump	002175
Fresno	Batch Mixer	Side Drive				
Fresno	Batch Mixer	Side Drive				
Fresno	Water Meter	MT-104				
Fresno	Tank Retardant #1 w/recirc system	25K Steel				
Fresno	Tank Retardant #2 w/recirc system	25K Steel				
Fresno	Tank Retardant #3 w/recirc system	25K Steel				
Fresno	Tank Retardant #4 w/recirc system	25K Steel				
Fresno	Tank Off-load	5K steel				
Fresno	Catwalk with Staris					

Fresno	QC Kit (2-refracts, test kit)					
Fresno	Shade Structure 10' X 10' (1)					
Fresno	LAT Loading System (Incl skates, hose, valve)					

A-R05-05 FS Redding, CA

Required Delivery Period	1 June - 31 October	VLATs	No
Product	MVP-Fx (Lot #: 0403014-A/B)	LATS	Yes
Daily Peak Req	100,000 gal	SEATs	Yes
Pits	4	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	9,000 gal
Water Supply	3" water main, 650 gpm provided to retardant pad		
Electrical Supply	3 phase, 480 volts, 400 amps provided to mixing pad		
Storage	80' x 120' concrete pad for mixing, wet and dry storage, equipment (uncovered)		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Mass Flow Meter System	MicroMotion	N/A	N/A	# 14254927	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	# 14255975	N/A
1	2,000 gallon sand/oil separator that is underground	N/A	N/A	N/A	N/A	N/A
1	Lot, storage	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to supply the Retardant loading and off-load pumps.
 Contractor to supply 8,000 gal off-load tank, retardant storage tanks, retardant manifolds, loading hoses, loading valves, forklift,
 Contractor to supply tool storage, office space w/ phone & restroom facilities along with frequent servicing; phone bill to be paid in contractor's name
 All electrical lines past main power box on pad to be installed and maintained by contractor. Electric bill to be paid in contractor's name.
 All water lines past 3" main valve on pad will be installed and maintained by contractor; Water use on retardant pad area will be paid in contractor's name.
 2 wireless modems with 2 printers, micro-motion display
 Contemplated improvements: 4 simultaneous pits, drainage gate and manifold, addition of a new pit

Perimeter Solutions Owned Equipment:

Location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Redding	Deming	5117	U.S. Motor		Load Pump 1	
Redding	Deming	5117	Allis Chalmers	C	Load Pump 2	
Redding	NA	NA	Toshiba	B0504FLFLUID	Mix Pump 1	
Redding	Gorman Rupp	14A2	Marathon	wc-284ttfc8026aa	Mix Pump1/Transfer	001473
Redding			Wisconsin	V465D	Batch Mixer Motor	001688
Redding			Toshiba	B0504FLFLUD	Mix Motor 2/Motor1	
Redding			Toshiba	B0504FLFLUD	Mixer	
Redding	Gorman Rupp	14A2	Marathon	wc-284ttfc8026aa	Transfer pump 2	
Redding	Deming	50710400	Wisconsin	V465D	Backup	001687
Redding	HONDA	WT-30	Honda	GEH185093	Off-Load Pump	
Redding	Gorman Rupp	14A2				001921
Redding	Gorman Rupp	14D-1	Honda	GX390	GCANK-1490268	001984
Redding	Tank Retardant #1 w/recirc system	25K Steel				001157
Redding	Tank Retardant #2 w/recirc system	25K Steel				001158
Redding	Tank Retardant #3 w/recirc system	25K Steel				001159
Redding	Tank Retardant #4 w/recirc system	25K Steel				001160
Redding	Tank Off-load	9k Steel				001280
Redding	Catwalk with Stairs					
Redding	Cutler Hammer	Control Pannel				
Redding	Cutler Hammer	Control Pannel				
Redding	Cutler Hammer	Control Pannel				
Redding	Cutler Hammer	Control Pannel				
Redding	Cutler Hammer	Control Pannel				
Redding	Disconnect Pannel	100 AMP				
Redding	Transformer	480-110				
Redding	Transformer	480-110				
Redding	Clay Valve					
Redding	Disconnect Pannel					
Redding	Disconnect Pannel					
Redding	Hyster	H60				
Redding	MCM	250X	Crown Triton	PLP3245R235A		002259
Redding	MCM	250X	Crown Triton	PLP3245R235A		Needs PC
Redding	Batch Mixer Motor		Crown Triton	PLP326PR235B	2W006F55-026	NeedsPC
Redding	Batch Mixer	Horizontal				002581
Redding	Batch Mixer	Horizontal				002575
Redding	Batch Mixer Motor		Honda	GX690		002586
Redding	Conex Co					
Redding	Trailer - Office					
Redding	Storage Tank	2,500 Black Plastic	*****	*****	*****	None
Redding	QC Kit (2-refracts,test kit)					
Redding	Shade Structure 10' X 10' (2)					
Redding	LAT Loading System (Incl skates, hose, valve)					

A-R05-06 FS San Bernardino, CA

Required Delivery Period	29 May - 3 November	VLATs	*Yes
Product	MVP-Fx (Lot #: 0403014-A/B)	LATs	Yes
Daily Peak Req	200,000 gal	SEATs	Yes
Pits	6	MAFFS	Yes
Simultaneous Pits	4	Offload Capacity	10,000 gal
Water Supply	Municipal water source, 8" service at 500 GPM		
Electrical Supply	3 phase, 227/480 volt, 600 amp circuit		
Storage			

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
4	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
1	10,000 gal holding tank	N/A	N/A	N/A	N/A	N/A
1	6,000 gal clarifier	N/A	N/A	N/A	N/A	N/A

Notes:

* VLAT - DC10 and 747

Contractor shall provide all wiring from panel to operation, have electrical service in their name.

Contractor to supply a supplemental water tank to aid in pressure.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
San Berna	Wacker	PT4V	Vanguard	305447	Load Pump 4	001409
San Berna	Wacker	PG3	Honda			001414
San Berna	Gorman Rupp	13D-1	Briggs & Stratton	192432	Off-Load Pump	
San Berna	Gorman Rupp	14A2	Wisconsin	VH4D	Backup	001847
San Berna	MCM	250X	Motor Electric			002520
San Berna	MCM	250X	Motor Electric			002521
San Berna	Tank Retardant #1 w/recirc system	24K Steel				
San Berna	Tank Retardant #2 w/recirc system	24K Steel				
San Berna	Tank Retardant #3 w/recirc system	24K Steel				
San Berna	Tank Retardant #4 w/recirc system	24K Steel				
San Berna	Tank Water	6K steel				
San Berna	Tank Off-load	10K steel				
San Berna	Catwalk with Stairs					
San Berna	Dolliesx50					
San Berna	Eductor	500GPM				
San Berna	Electrical Panels	50amp				
San Berna	Electrical Panels	100AMP				
San Berna	Water Meter	3 inch mechanical				
San Berna	Water Meter	Micrometer				
San Berna	Water Meter	Micrometer				
San Berna	Water Meter	Micrometer				
San Berna	Kunckle Valve 4 inch	4 inch				
San Berna	Kunckle Valve 6 inch	6 inch				
San Berna	Clay Valve	3 inch				
San Berna	QC Kit (2-refracts,test kit)					
San Berna	Shade Structure 10' X 10' (1)					
San Berna	LAT Loading System (Incl skates, hose, valve)					

A-R05-07 FS Santa Maria, CA

Required Delivery Period	15 May - 15 November	VLATs	*Yes
Product	MVP-Fx (Lot #: 0403014-A/B)	LATs	Yes
Daily Peak Req	100,000 gal	SEATs	Yes
Pits	3	MAFFS	Yes
Simultaneous Pits	3	Offload Capacity	12,500 gal
Water Supply	3" main - 350 - 400 GPM		
Electrical Supply	120 volt		
Storage	None		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
3	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A

Notes:

* VLAT - DC10 only. If both LATs and VLATs required, MRB to be used to for VLAT Contractor to pay for water.

Perimeter Solutions Owned Equipment:

Location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Santa Mar	Gorman Rupp	84A2	Deutz Diesel	F31914	Load Pump 1	002177
Santa Mar	Gorman Rupp	54A2	Wisconsin	VH4D	Load Pump 3	000405
Santa Mar	Gardner Denver	T5CDL12	Ford	135232		Trailer PC 8
Santa Mar	Gorman Rupp	54A2	Wisconsin	VG4D	Backup	002179
Santa Mar	Monarch	BSGF-12	Briggs & Stratton	135232	Off-Load Pump	002180
Santa Mar	Tank Retardant #1 w/recirc system	25K Steel				002630
Santa Mar	Tank Retardant #2 w/recirc system	25K Steel				002629
Santa Mar	Tank Off-load	10K Steel				
Santa Mar	Tank Off-load	3k Steel				
Santa Mar	Catwalk with Stairs					
Santa Mar	Eductor	350gpm				
Santa Mar	Air Blowers		Honda	GX-160		001966
Santa Mar	Sea Can	40 Foot				
Santa Mar	Kunkle Valve	218H-M				002639
Santa Mar	Forklift	6000 LB.	Hyster	Mazda		
Santa Mar	Electrical Panel	?				
Santa Mar	Trailer	Airslide				PC08
Santa Mar	Dollies	X31				
Santa Mar	Car Port Cover Metal	18x21 Foot				

	QC Kit (2-refracts, test kit)					
	Shade Structure 10' X 10' (1)					
	LAT Loading System (Incl skates, hose, valve)					

A-R06-01 FS Medford, OR

Required Delivery Period	1 June - 15 October	VLATs	*Yes
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	100,000 gal	SEATs	Yes
Pits	2	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	3,000 gal
Water Supply	Municipal - 6" - 300 GPM, 20,000 gal water storage		
Electrical Supply	200 amp service, 3 phase, 220 volts		
Storage	20,000 sq.ft. covered storage		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	forklift	N/A	N/A	N/A	N/A	N/A
2	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
1	Pumps	N/A	N/A	N/A	N/A	N/A
2	10,000 gal retardant tanks	N/A	N/A	N/A	N/A	20 years old
1	5,000 gal offload tank	N/A	N/A	N/A	N/A	N/A
1	Lot, storage	N/A	N/A	N/A	N/A	N/A

Notes:

* VLAT - DC10 only. Separate ramp from the ATB
Contractor to supply pumps, valves, mixing equipment, plumbing

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Medford	Berkley	B4EPMS	Baldor	NA	Mix Pump	000609
Medford	Gorman Rupp (Transfeed to PMG)	14A2	Wisconsin	VH4D	Backup plus Recirc.	000422
Medford	Paco	5"x3"	Baldor	Electric		001931
Medford	Gorman Rupp	14A2	Wisconsin	VH4D		002531
Medford	Gorman Rupp	14A2	Weg	02018EP3E256T		002591
Medford	Gorman Rupp	14A2	Weg	02018EP3E256T		002592
Medford	Gorman Rupp	14A2	Teco Westinghouse			002594
Medford	Deutz	84A2-F3L	Deutz			001019
Medford	Homelite		Briggs Stratton			006133
Medford	MCM 250X	250X Series	Leeson WattSaver			
Medford	Electrical Panel	Woodhawk				002822
Medford	MCM 250X	250X Series	Leeson WattSaver			002560
Medford	Electrical Panel	Woodhawk				
Medford	12K Tank Retardant					000623
Medford	10K Tank Retardant					
Medford	11K Tank Retardant					002989
Medford	2500 K Offload Tank, Vertical Polyethelene					
Medford	Catwalk with Stairs					
Medford	LC Canadian Blender					002593
Medford	Check Valve-Retardant					
Medford	Check Valve-Water					
Medford	LC Canadian Blender					002595
Medford	Check Valve-Retardant					
Medford	Check Valve-Water					
Medford	QC Kit (2-refracts, test kit)					
Medford	Shade Structure 10' X 10' (1)					
Medford	LAT Loading System (Incl skates, hose, valve)					

A-R06-02 FS Moses Lake, WA

Required Delivery Period	10 June - 24 October	VLATs	*Yes
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	100,000 gal	SEATs	Yes
Pits	4	MAFFS	Yes
Simultaneous Pits	2	Offload Capacity	6,500 gal
Water Supply	Municipal water - 6"		
Electrical Supply	400 amp, 3 phase, 277 - 480 volt main panel and sub panel		
Storage	No covered storage		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
3	10,000 gal retardant tanks	N/A	N/A	N/A	N/A	N/A
2	20,000 gal water tank	N/A	N/A	N/A	N/A	N/A
1	10,000 gal offload tank	N/A	N/A	N/A	N/A	N/A
1	5,000 gal offload tank	N/A	N/A	N/A	N/A	N/A
1	6,000 gal waste tank Poly	N/A	N/A	N/A	N/A	N/A
2	30 hp Pumps	Gorman Rupp	N/A	N/A	N/A	N/A
2	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
1	Lot, hoses, valves and manifolds	N/A	N/A	N/A	N/A	N/A
1	Lot, office and storage	N/A	N/A	N/A	N/A	N/A

Notes:

- * VLAT - DC10 only.
- Contractor to supply forklift
- Contractor to supply all electrical components for equipment
- Office space is available
- Plenty of additional storage area requiring forklift with all terrain tires

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Moses Lak	Multiquip	op-3th	Honda	GX240	Load Pump	001296
Moses Lak	Crane Deming	4021	Wisconsin	V465D1	Recirc Pump	001677
Moses Lak	Gorman Rupp	13D-1	Briggs & Stratton	192432	SPARE	001901
Moses Lak	MCM 250X	250X Series				002804
Moses Lak	Electrical Panel-Pump Wireless Start					
Moses Lak	Remote Receivers					
Moses Lak	Remote Transmitters					
Moses Lak	MCM 250X	250X Series				002805
Moses Lak	Electrical Panel-Pump Wireless Start					
Moses Lak	Remote Receivers					
Moses Lak	Remote Transmitters					

Moses Lak	LC Canadian Blender					002814
Moses Lak	Check Valve-Retardant					
Moses Lak	Check Valve-Water					
Moses Lak	LC Canadian Blender					002813
Moses Lak	Check Valve-Retardant					
Moses Lak	Check Valve-Water					
Moses Lak	QC Kit (2-refracts, test kit)					
Moses Lak	Shade Structure 10' X 10' (1)					
Moses Lak	LAT Loading System (Incl skates, hose, valve)					
Moses Lak	VLAT Loading System (Incl skates, hose, valve)					

Moses Lak	Blender	Canadian Type				2635
Moses Lak	Blender	Canadian Type				001212

A-R06-03 FS Redmond, OR

Required Delivery Period	1 June - 15 October	VLATs	No
Product	LC95A-R (Lot #: 1051695-C)	LATs	Yes
Daily Peak Req	120,000 gal	SEATs	Yes
Pits	3	MAFFS	No
Simultaneous Pits	2	Offload Capacity	5,000 gal
Water Supply	500 gpm, municipal water, 1-20,000 gal storage tank		
Electrical Supply	300 kva, 600amps, 3 phase		
Storage	LC setup, warehouse storage		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	20,00 gal water tank	N/A	N/A	N/A	N/A	N/A
4	10,000 gal retardant tank	N/A	N/A	N/A	N/A	N/A
1	5,000 gal off-load tank	N/A	N/A	N/A	N/A	N/A
1	Forklift available for use	N/A	N/A	N/A	N/A	N/A
1	Electric Pump (new pump)	N/A	N/A	N/A	N/A	N/A
1	Electric Pump (new pump)	N/A	N/A	N/A	N/A	N/A
1	Electric pump (old back-up loading)	N/A	N/A	N/A	N/A	N/A
1	Electric pump (very old recirc)	N/A	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	N/A	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	N/A	N/A	N/A	N/A	N/A
1	Lot, hose réels, valves, manifolds	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to provide blenders, Back-flow valve, Backup Gas pumps, Hoses, Skates & fittings, offloading, equipment for loading water and SEATs
Request 2 Frequency drives to accommodate new electric pumps.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Redmond	MCM 250X	250X Series			Loading	002659
Redmond	MCM 250 X	250X Series			Loading	002660
Redmond	Gorman Rupp	14D1-GX390	Honda	GX390	Offload	001783
Redmond	Gorman Rupp	14A2	Wisconsin	VH4D1	Back Up	001796
Redmond	LC "Y" Blender	Valve				
Redmond	Check Valve-Retardant					
Redmond	Check Valve-Water					
Redmond	LC "Y" Blender	Valve				
Redmond	Check Valve-Retardant					
Redmond	Check Valve-Water					
Redmond	QC Kit (2-refracts, test kit)					
Redmond	Shade Structure 10' X 10' (1)					
Redmond	LAT Loading System (Incl skates, hose, valve)					

Redmond	Deming (No longer here)	3M				
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B-R01-01 FS Coeur d' Alene, ID

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	VLATs No
Daily Peak Req	50,000 gal	LATs Yes
Pits	2	SEATs Yes
Simultaneous Pits	1	MAFFS No
Water Supply	N/A	Offload Capacity 10,000 gal
Electrical Supply	N/A	

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	10,000 gal water tank	N/A	N/A	N/A	N/A	N/A
1	10,000 gal LC storage tank	N/A	N/A	N/A	N/A	N/A
1	10,000 gal mix tank	N/A	N/A	N/A	N/A	N/A
2	2,000 gal yellow poly tanks	N/A	N/A	N/A	N/A	N/A
1	5,000 gal steel LC storage tank	N/A	N/A	N/A	N/A	N/A
1	Lot, hoses, skates, valves, check valves, manifold	N/A	N/A	N/A	N/A	N/A
1	Forklift	N/A	N/A	N/A	N/A	Old, still working
1	Micro-Motion #1 (model G)	MicroMotion	N/A	G	#AG0001338227	New 2015
1	Micro-Motion #2 (model F)	MicroMotion	N/A	F	#246230	Good
1	Blending valve system	N/A	N/A	N/A	N/A	N/A
1	Centrifugal pump for mixing/loading	Gorman Rupp	N/A	N/A	#1353344	N/A
1	Centrifugal pump for recirculation	Gorman Rupp	N/A	N/A	#DC-877537	Old, replace in 2yrs
1	Granfos pumps for washdown	Granfos	N/A	N/A	#0289	New

Notes:

Centrifugal pump for recirculation and offload due to be replaced within the next two years, old but good condition.
Poly tanks and 5,000 gallon steel tank can be used for a SEAT base set up or for extra capacity at the main retardant plant.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Coeur	None					

B-R01-02 FS Grangeville, ID

Required Delivery Period	N/A		(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	VLATs	No
Daily Peak Req	50,000 gal	LATs	No
Pits	2	SEATs	Yes
Simultaneous Pits	1	MAFFS	No
Water Supply	N/A	Offload Capacity	N/A
Electrical Supply	N/A		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Forklift	N/A	N/A	N/A	N/A	N/A
1	9,000 gal retardant tank	N/A	N/A	N/A	N/A	N/A
1	9,000 gal water tank	N/A	N/A	N/A	N/A	N/A
1	14A pump	N/A	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
1	gas pump	Homelite	N/A	N/A	N/A	N/A
1	Pressure pump w/ hose reel, hose, valves, skates	N/A	N/A	N/A	N/A	N/A

Notes:

Required from contractor 200 GPM pump with panel, 14A pump, Canadian blender, hoses, fittings, 6,000 gal. tank

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Grangevil	Gorman Rupp	14A2	Mitsshubishi	T0204HS01	Off-Load Pump	001799
Grangevil	Gorman Rupp	14A2/ SN: 1149771				
Grangevil	Gorman Rupp	13C-2/SN: 1429044	Teco Westinghouse		Load Pump 1	002218
Grangevil	Electrical Panel					
Grangevil	Gorman Rupp	14A2/ SN: 1042892			Spare Load Pump	001983
Grangevil	Tank Premix 6K	6K			Pre-Mix Tank	002217
Grangevil	Canadian Blender	Canadian			Mixing	002637
Grangevil	Back check Valve-Retardant	Stainless			Mixing	002636PC
Grangevil	Back Check Valve-Water	Stainless			Mixing	002636PC
Grangevil	Dollies	X 7			Loading	

Grangevil	Gorman Rupp (No Longer at this Locatin)	14A2	NA			001800
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B-R01-03 FS Missoula, MT

Required Delivery Period	N/A	(Normal Season - April through September)
Product	MVP-Fx (Lot #: 0403014-A/B)	VLATs No
Daily Peak Req	100,000 gal	LATs Yes
Pits	2	SEATs Yes
Simultaneous Pits	1	MAFFS No
Water Supply	N/A	Offload Capacity 3,000 gal
Electrical Supply	N/A	

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
3	Forklifts	N/A	N/A	N/A	N/A	N/A
1	Eductor	N/A	N/A	N/A	N/A	N/A
1	Centrifugal Pump	N/A	N/A	N/A	N/A	N/A
2	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
3	Retardant tanks - 21,000 gals. Total	N/A	N/A	N/A	N/A	N/A
1	Lot, hoses, valves, manifold, etc	N/A	N/A	N/A	N/A	N/A
1	Lot, pumps	N/A	N/A	N/A	N/A	N/A

Notes:

One transfer pump and mixing tank furnished by contractor.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Missoula	Batch Mixer 3K	Next Gen Batch Mixer			Mixing	002574
Missoula	Batch Mixer Electric Motor	Batch Mixer Assemb	Crown Triton 30HP	PLP286PR235B	Mixing	002996PC
Missoula	Batch Mixer Back Up Motor	Batch Mixer Assemb	Honda GX 690		Mixing	002996PC
Missoula	Control Panel	Cutler Hammer				
Missoula	Mix Stand with Stairs					002996PC
Missoula			Toshiba	Electric	Mixer 1	
Missoula			Toshiba	Electric	Mixer 1	
Missoula	Control Panel	Cutler Hammer				
Missoula	Disconnect Pannel	200 AMP				

Missoula	Batch Mixer	FT Type				002099
Missoula	Gorman Rupp (Could NOT locate at this Location)	14A2	U.S. Motor			001360

B-R01-04 FS W. Yellowstone, MT

Required Delivery Period	N/A	(Normal Season - April through September)
Product	MVP-Fx (Lot #: 0403014-A/B)	VLATs No
Daily Peak Req	50,000 gal	LATs Yes
Pits	1	SEATs Yes
Simultaneous Pits	1	MAFFS No
Water Supply	N/A	Offload Capacity 10,000 gal
Electrical Supply	N/A	
Storage	3,000 sq. ft. covered storage	

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
3	Forklifts	N/A	N/A	N/A	N/A	N/A
1	Batch Mixer	N/A	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
1	Retardant tanks - 10,000 gal	N/A	N/A	N/A	N/A	N/A
1	Water Storage tanks - 29,000 gal total	N/A	N/A	N/A	N/A	N/A
1	Lot, hoses, valves, manifold, etc	N/A	N/A	N/A	N/A	N/A
1	Lot, pumps	N/A	N/A	N/A	N/A	N/A

Notes:

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
	NO Equipment					

B-R02-01 BLM Canon City, CO

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B)	VLATs No
Daily Peak Req	25,000 gal	LATs No
Pits	1	SEATs Yes
Simultaneous Pits	1	MAFFS No
Water Supply	N/A	Offload Capacity N/A
Electrical Supply	N/A	

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Mix tank	N/A	N/A	N/A	N/A	N/A
2	4" pumps	Wacker	N/A	N/A	N/A	N/A
Lot	Water supply hose and backflow preventer	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to supply 1 - 12,000 gal. retardant tank.
Existing powder system currently rented from contractor.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Cannon C	Tank Retardant 12k	Retardant Tank			Retardant Storage	
Cannon C	Containment Berm 8' X 16.5'	Basic Concepts Inc			Containment	
Cannon C	Hose Skates, Qty: 7					

B-R02-02 BLM Casper, WY

Required Delivery Period	N/A		(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	VLATs	*Yes
Daily Peak Req	25,000 gal	LATs	Yes
Pits	1	SEATs	Yes
Simultaneous Pits	1	MAFFS	Yes
Water Supply	N/A	Offload Capacity	N/A
Electrical Supply	N/A		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
Lot	Water supply hose and backflow preventer	N/A	N/A	N/A	N/A	N/A

Notes:

* VLAT - DC10 only (temporary)
System set up for LC product

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Casper	Tank Retardant 12K	12k steel				002113
Casper	Wacker PTS4	PTS4, SN: 5646972	Briggs Stratton 16HF	Vanguard	Pump	001318
Casper	Wacker PTS4	PTS4, SN: 5663910	Briggs Stratton 16HF	Vanguard	Pump	001412
Casper	Wacker PTS4	PTS4	Briggs Stratton 16HF	Vanguard	Pump	

B-R02-03 BLM Cortez, CO

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B)	VLATs No
Daily Peak Req	25,000 gal	LATs No
Pits	1	SEATs Yes
Simultaneous Pits	1	MAFFS No
Water Supply	N/A	Offload Capacity N/A
Electrical Supply	N/A	

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Mix Tank	N/A	N/A	N/A	N/A	N/A
2	Pumps 4"	Wacker	N/A	N/A	N/A	N/A
Lot	Water supply hose and backflow preventer	N/A	N/A	N/A	N/A	N/A

Notes:

Existing powder system rented from ICL

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Cortez	Tank Retardant 8K	8K			Storage	
Cortez	Containment Berm, 8'x 15.5'	Basic Concepts, Inc.			Containment	
Cortez	Skates, Qty: 7					

B-R02-04 BLM Craig, CO

Required Delivery Period	N/A		(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	VLATs	No
Daily Peak Req	25,000 gal	LATs	No
Pits	1	SEATs	Yes
Simultaneous Pits	1	MAFFS	No
Water Supply	N/A	Offload Capacity	N/A
Electrical Supply	N/A		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition

Notes:

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Craig	Tank Retardant 6.5K	6.5K			Storage	
Craig	Tank 2500 Polyethelene	2500K			Pre-Mix	
Craig	Containment Berm 8 X 16.5'	Basic Concepts Inc			Containment	
Craig	Waker Pump PTS4	PTS4	Briggs Stratton 16HF	Vanguard	Loading Pump	
Craig	Waker Pump PTS4	PTS4	Briggs Stratton 16HF	Vanguard	Loading Pump	
Craig	Stakes, Qty: 7					
Craig	Gorman Rupp	14A2	Wisconsin	VH4D		
Craig	Check Valve	Clemons				

B-R02-05 BLM Greybull, WY

Required Delivery Period	N/A		(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	VLATs	No
Daily Peak Req	25,000 gal	LATs	No
Pits	1	SEATs	Yes
Simultaneous Pits	1	MAFFS	No
Water Supply	N/A	Offload Capacity	N/A
Electrical Supply	N/A		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
Lot	Water supply hose and backflow preventer	N/A	N/A	N/A	N/A	N/A

Notes:

New base - no existing infrastructure at present

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Greybull	Tank 10K Retardant	10K Steel			Storage	2562
Greybull	Containment Berm 8' X 16.5'	Basic Concepts, Inc.			Containment	
Greybull	Wacker Pump PTS4	PTS4	Briggs Stratton 16HF	Vanguard	Mixing/Loading	2111
Greybull	Wacker Pump PTS4	PTS4	Briggs Stratton 16HF	Vanguard	Mixing/Loading	2555
Greybull	Wacker Pump PTS4	PTS4	Briggs Stratton 16HF	Vanguard	Mixing/Loading	2552
GreyBull	Skates, Qty: 7				Loading	

B-R02-06 FS Jeffco, CO

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	VLATs No
Daily Peak Req	30,000 gal	LATs Yes
Pits	2	SEATs Yes
Simultaneous Pits	1	MAFFS Yes
Water Supply	N/A	Offload Capacity 5,000 gal
Electrical Supply	N/A	

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Forklift	N/A	N/A	N/A	N/A	N/A
3	Retardant tanks - 12,000 gal ea	N/A	N/A	N/A	N/A	N/A
1	Water Storage tank - 10,000 gal ea	N/A	N/A	N/A	N/A	N/A
1	"Y" Blender	N/A	N/A	N/A	N/A	N/A
3	Mass Flow Meter Systems	MicroMotion	N/A	N/A	N/A	N/A
1	Lot, hoses, valves, manifold, etc	N/A	N/A	N/A	N/A	N/A
1	Lot, pumps	N/A	N/A	N/A	N/A	N/A

Notes:

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Jeffco	Blender	Variblend				
Jeffco	Check Valve-Retardant	Clemons				
Jeffco	Check Valve-Water	Clemons				
Jeffco	LC Alumimum "Y" Blender	"Y"				
Jeffco	Check Valve-Retardant	Clemons				

B-R02-07 BLM Kremmling, CO

Required Delivery Period	N/A		(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	VLATs	No
Daily Peak Req	25,000 gal	LATs	No
Pits	1	SEATs	Yes
Simultaneous Pits	1	MAFFS	No
Water Supply	N/A	Offload Capacity	N/A
Electrical Supply	N/A		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Mix Tank	N/A	N/A	N/A	N/A	N/A
2	4" pumps	Wacker	N/A	N/A	N/A	N/A
Lot	Water supply hose and backflow preventer	N/A	N/A	N/A	N/A	N/A

Notes:

System set up for LC product.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Kremlin	Tank Retardant	8.5k steel				002189

B-R02-08 FS Pueblo, CO

Required Delivery Period	N/A		(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	VLATs	No
Daily Peak Req	N/A	LATs	Yes
Pits	1	SEATs	Yes
Simultaneous Pits	1	MAFFS	Yes
Water Supply	N/A	Offload Capacity	N/A
Electrical Supply	N/A		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition

Notes:

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Pueblo	Tank-Retardant 10K	10K Steel Tank				

B-R02-09 BLM Rawlins, WY

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	VLATs No
Daily Peak Req	25,000 gal	LATs No
Pits	1	SEATs Yes
Simultaneous Pits	1	MAFFS No
Water Supply	N/A	Offload Capacity N/A
Electrical Supply	N/A	

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
Lot	Water supply hose and backflow preventer	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to provide secondary containment berm
System set up for LC product

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Rawlins	Tank Retardant, 8K	8K steel				
Rawlins	Tank Premix 2K Batch Mixer	2K Batch Miser				
Rawlins	Containment Berm 8' X 16.5'	Basic Concepts, Inc.				
Rawlins	Pump, Wacker PTS4	PTS4V	Briggs Stratton 16Hf	Vanguard	Recirc. Pump 1	001906
Rawlins	Pump, Wacker PTS4	PTS4V	Briggs Stratton 16Hf	Vanguard	Mising/Loading	
Rawlins	Pump, Gorman Rupp 13D-19	13D-19	Briggs Stratton 8HP		Mixing/Loading	
Rawlins	Skates, Qty: 7	Alumimum Skates				

B-R02-10 BLM Rifle, CO

Required Delivery Period	N/A		(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-0768)	VLATs	No
Daily Peak Req	25,000 gal	LATs	No
Pits	1	SEATs	Yes
Simultaneous Pits	1	MAFFS	No
Water Supply	N/A	Offload Capacity	N/A
Electrical Supply	N/A		

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Mix Tank	N/A	N/A	N/A	N/A	N/A
2	4" Pumps	Wacker	N/A	N/A	N/A	N/A
Lot	Water supply hose and backflow preventer	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to provide one 8,000 gal. retardant tank

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Riffle	Tank-Retardant 8K	8K Steel				
Riffle	Skates, Qty: 7	Skates, Alumimum				

B-R03-01 FS Alamogordo, NM

Required Delivery Period	N/A	(Normal Season - N/A)
Product	MVP-Fx (Lot #: 0403014-A/B)	
Daily Peak Req	83,000 gal	VLATs No
Pits	3	LATs Yes
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity 3,000 gal

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
2	Forklifts	N/A	N/A	N/A	N/A	N/A
1	Eductor	N/A	N/A	N/A	N/A	N/A
2	12,000 gal tanks	N/A	N/A	N/A	N/A	N/A
1	12,000 gal tank	N/A	N/A	N/A	N/A	N/A
1	4,000 gal tank offload	N/A	N/A	N/A	N/A	N/A
2	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A

Notes:

5 fairly new pumps, 2 gas and 3 electric.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
	NO Perimeter Solutions Owned Equipment					

B-R03-02 BLM Roswell, NM

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	VLATs *Yes
Daily Peak Req	50,000 gal	LATs Yes
Pits	1	SEATs Yes
Simultaneous Pits	1	MAFFS Yes
Water Supply	N/A	Offload Capacity N/A
Electrical Supply	N/A	

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Blender	N/A	N/A	N/A	N/A	N/A
1	20,000 gal Retardant tank	N/A	N/A	N/A	N/A	N/A
1	30,000 gal Water tank	N/A	N/A	N/A	N/A	N/A
1	15,000 gal Disposal tank	N/A	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
Lot	Hoses, valves, manifold	N/A	N/A	N/A	N/A	N/A
Lot	pumps	N/A	N/A	N/A	N/A	N/A

Notes:

* VLAT - DC10 only

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
	NO Perimeter Solutions Owned Equipment					

B-R03-03 BLM Safford, AZ

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	10,000 gal	VLATs No
Pits	2	LATs No
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	1,000 gal mix tank	N/A	N/A	N/A	N/A	N/A
2	11 hp pumps 3"	Honda	N/A	GX390	N/A	N/A
1	16,000 gal water tank	N/A	N/A	N/A	N/A	N/A
2	5,000 gal Retardant tanks	N/A	N/A	N/A	N/A	N/A
Lot	Hoses, fittings, air compressor, spray washer	N/A	N/A	N/A	N/A	N/A
2	recirc pumps	Seepex	N/A	N/A	N/A	N/A

Notes:

Need to replace recirc system in 5,000 gal tanks.
Tank walls are in good condition.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
	NO Perimeter Solutions Owned Equipment					

Safford	Pacer (Nothing Inventoried for this Location)					
Safford	Tank Premix (Noting Inventoried for this Location)	165 Gallon				

B-R03-04 BIA Show Low, AZ

Required Delivery Period	N/A	(Normal Season - 5/1 - 7/31)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	20,000 gal	VLATs No
Pits	1	LATs No
Simultaneous Pits	1	SEATs Yes
Water Supply	City Meter	MAFFS No
Electrical Supply	City Meter	Offload Capacity 1,500 gal

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	1,500 pre-mix tank	N/A	N/A	N/A	N/A	N/A
1	Commercial Water Meter (leased from City)	N/A	N/A	N/A	N/A	N/A
1	Compressor	Ingersoll Rand	N/A	Kohler	CBV456579	Good

Notes:

Serves as a permanent base with multiple fires in the area. Can also be used as a reload base.
Contractor to provide pump to recirc and fill, and a mixing trailer (currently working with ICL on equipment for mixing/loading capability).

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
SOW	Wacker	PTS-4	Briggs & Stratton	Vanguard	Gas	001732
SOW	GR	10 Series	Honda	GX 270	Gas	002533
SOW	GR	10 Series	Honda	GX-270	Gas	002601
SOW	1 - 6000 Gallon LC Bulk Tank	N/A	N/A	N/A	N/A	Good
SOW	1 - Lot hoses, valves, manifolds	N/A	N/A	N/A	N/A	Good

B-R03-05 FS Silver City, NM

Required Delivery Period	N/A	(Normal Season - N/A)
Product	MVP-Fx (Lot #: 0403014-A/B)	
Daily Peak Req	83,000 gal	VLATs No
Pits	2	LATs Yes
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Forklift	N/A	N/A	N/A	N/A	N/A
4	10,000 gal. Tanks retardant	N/A	N/A	N/A	N/A	N/A
2	20,000 gal Tanks water	N/A	N/A	N/A	N/A	N/A
Lot	Hoses, valves, manifolds and pumps	N/A	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A

Notes:

Water and air pumps furnished by contractor
66,000 gal tank furnished by contractor
Covered storage is available

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Silver City	Gorman Rupp	54A2	Wisconsin	VG4D	Load Pump 1	001196
Silver City	Gorman Rupp	54A2	Wisconsin	VG4D1		002172
Silver City	Wacker	PTS4	Vanguard		Back Up	001405

B-R04-01 BLM Fillmore, UT

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	25,000 gal	VLATs No
Pits	1	LATs No
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition

Notes:

Water on site

Contractor to provide 2 loading pumps, 1 truck off-loading pump & hose, mix tank (1,600-2,000 gal capacity), 2 6,000 gal tanks retardant water.

Contractor to provide Recirc systems & secondary containment for retardant & mix tanks. All required hoses for pumping retardant & water.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Fillmore	Gorman Rupp	13D-1	Honda	GX270		002585
Fillmore	Gorman Rupp	13D-1	Honda	GX270		002576
Fillmore	Gorman Rupp	13D-1	Honda	GX270		002577
Fillmore	Gorman Rupp	84A2			Recirc. Pump 1	001909
Nephi	Gorman Rupp	13D-1	Honda	GX270		002583
Fillmore	Tank Water, 6K	6K steel				002993
Fillmore	Tank Retardant 6K	6K steel				001915
Fillmore	Containmet Berm 8' X 16.5'	Basic Concepts, Inc.	13' X 13'			
Fillmore	Batch Mixer, Vertical tank 2K	2K Steel				002994
Fillmore	Containmet Berm 13' X 13'	Basic Concepts, Inc.	13' X 13'			
Fillmore	Ground Tarp	18x36				
Fillmore	Dollies					

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Nephi	Gorman Rupp	03h1-m12	Kohler	m12ps	SPARE	001286
Nephi	Retardant Tank	6K steel				
Nephi	Gorman Rupp	13D-1	Honda	GX270		002583
Nephi	Gorman Rupp	13D-1	Honda	GX270		002584
Nephi	Gorman Rupp	13D-1	Honda	GX270		002582

Fillmore	Tank Water, 6K (Not at this location)	6K steel				001914
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B-R04-02 BLM Jean, NV

Required Delivery Period	N/A	(Normal Season - Memorial Day to Labor Day)	
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)		
Daily Peak Req	25,000 gal	VLATs	No
Pits	1	LATs	No
Simultaneous Pits	1	SEATs	Yes
Water Supply	N/A	MAFFS	No
Electrical Supply	N/A	Offload Capacity	N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
Lot	Hose, fittings	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to supply LC-95A. 2 pumps, one 5,000 gal tank w/recirc system*, 3" loading hose and secondary containment.
Contractor to supply All required hoses for pumping retardant and water. Provide wheeled loading hose nozzle/spill bucket.
Hydrant on site 500 ft from SEAT operations.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
	NO Perimeter Solutions Owned Equipment					

B-R04-03 BLM McDermitt, NV

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	5,000 gal	VLATs No
Pits	1	LATs No
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	1,000 gal Poly Tank	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to provide 2 loading pumps, retardant tank (8K), loading hoses & skates, secondary containment.
Contractor to provide wheeled loading hose nozzle/spillprevention bucket.
Water from hydrant is onsite.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
	NO Perimeter Solutions Owned Equipment					

B-R04-04 BLM Mesquite, NV

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	25,000 gal	VLATs No
Pits	2	LATs No
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
2	6,000 gal water tanks	N/A	N/A	N/A	N/A	N/A
1	Pump	Wacker	N/A	N/A	N/A	N/A
Lot	Hose, fittings	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to provide 1 pump, two 6,000 gal LC tanks w/recirc systems, 3" loading hose, with OSHA compliant ladder with platform.
Contractor to provide wheeled loading hose nozzle/spill prevention bucket, adequate secondary containment.
Hydrant is approx 100 feet from SEAT loading area.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Mesquite	Tank, 6K Retardant	6K Steel				002603
Mesquite	Tank, 5K Retardant	5K Steel				001709
Mesquite	Catwalk with Stairs	Steel				
Mesquite	Pump, Wacker PTS4	PTS4	Briggs Stratton 16HF	Vanguard	Recirc Pump	001750
Mesquite	Pump, Wacker PTS4	PTS4	Briggs Stratton 16HF	Vanguard	Spare Pump	002657

B-R04-05 BLM Mountain Home, ID

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	40,000 gal	VLATs No
Pits	2	LATs No
Simultaneous Pits	2	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
4	Trash Pumps 11 HP Honda motors	Tsunami	N/A	N/A	N/A	N/A
Lot	Hoses, valves, fittings, tees	N/A	N/A	N/A	N/A	N/A
2	6,000 gal water tanks	N/A	N/A	N/A	N/A	N/A
1	1,500 gal water tank	N/A	N/A	N/A	N/A	N/A
2	5,000 gal retardant tanks (vertical)	N/A	N/A	N/A	N/A	N/A

Notes:

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Mtn Hom	Wacker	PTS4	Briggs & Stratton	Vanguard		002672
Mtn Hom	Wacker	PTS4	Briggs & Stratton	Vanguard		002671

B-R04-06 BLM Nephi, UT

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	25,000 gal	VLATs No
Pits	2	LATs No
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition

Notes:

Contractor to provide 2 loading pumps, 1 truck off-loading pump & hose, mix tank (1,600-2,000 gal capacity), two 6,000 gal tanks retardant & water.
Contractor to provide recirc systems & secondary containment for retardant & mix tanks. All required hoses for pumping retardant & water.
Water is trucked in.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
	All Inventory was transferred to Tooele and Fillmore, UT.					

Nephi	Gorman Rupp (NO LONGER AT THIS LOCATION)	03h1-m12	Kohler	m12ps	SPARE	001286	
Nephi	Retardant Tank (NO LONGER AT THIS LOCATION)	6K steel					
Nephi	Gorman Rupp (NO LONGER AT THIS LOCATION)	13D-1	Honda	GX270		002583	Fillmore
Nephi	Gorman Rupp (NO LONGER AT THIS LOCATION)	13D-1	Honda	GX270		002584	
Nephi	Gorman Rupp (NO LONGER AT THIS LOCATION)	13D-1	Honda	GX270		002582	Tooele

B-R04-07 BLM Panaca, NV

Required Delivery Period	N/A	(Normal Season - mid May to early September)	
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)		
Daily Peak Req	25,000 gal	VLATs	No
Pits	2	LATs	No
Simultaneous Pits	1	SEATs	Yes
Water Supply	N/A	MAFFS	No
Electrical Supply	N/A	Offload Capacity	N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	6,000 gal water tank	N/A	N/A	N/A	N/A	N/A
Lot	1.5" water hose to tank, fittings, camlock	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to provide 2 pumps, 6,000 gal LC tank w/recirc system*, 3" loading hose and adequate secondary containment.
Contractor to provide all required hoses for pumping retardant and water. Provide wheeled loading hose nozzle/spill prevention bucket.
Hydrant approx. 500 feet from SEAT base.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Panaca	Wacker	PTS4	Vanguard			001481
Panaca	Gorman Rupp	13D-1	Briggs & Stratton		Load Pump 1	
Panaca	Tank Retardant	8k steel				

B-R04-08 BLM Toole, UT

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	25,000 gal	VLATs No
Pits	1	LATs No
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
3	Poly tanks - various sizes	N/A	N/A	N/A	N/A	N/A
1	Trash Pump for septic Honda GX120	WB20X	Honda	GX120	N/A	N/A

Notes:

Contractor to provide 2 loading pumps, 1 truck off-loading pump & hose, and all required hoses for pumping retardant and water.
LC tank cleaned prior to 2013 season. One 8,000 gal steel LC tank owned by ICL

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Tooele Va	Tank	6K steel				001833
Tooele Va	Batch Mixer 2K Vertical Tank	2K Steel				
Tooele Va	Gorman Rupp	13D-1	Briggs & Stratton	192432	Load Pump 1	001396
Tooele Va	Gorman Rupp	13D-1	Briggs & Stratton			002509
Tooele Va	Check Valve	Clemons				
Tooele Va	Gorman Rupp	13D-1	Honda	GX270		002580
Tooele Va	Gorman Rupp	13D-1	Honda	GX270		002578
Tooele Va	Gorman Rupp	13D-1	Honda	GX270		002579
Tooele Va	Gorman Rupp	13D-1	Honda	GX270		002584
Tooele Va	Gorman Rupp	13D-1	Honda	GX270		002582

Tooele Va	Tank Premix (Agency?)	165 Gallon				
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B-R04-09 BLM Wells, NV

Required Delivery Period	N/A	(Normal Season - 1 June to 30 September)	
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)		
Daily Peak Req	N/A gal	VLATs	No
Pits	2	LATs	No
Simultaneous Pits	1	SEATs	Yes
Water Supply	N/A	MAFFS	No
Electrical Supply	N/A	Offload Capacity	5,000 gal

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	4,000 gal Poly water tank	N/A	N/A	N/A	N/A	N/A
Lot	Hose and backfill prevention to fill water tank	N/A	N/A	N/A	N/A	N/A
1	Trash pump	Honda	N/A	WT30X	N/A	N/A

Notes:

Hydrant on site.

Contractor to provide 2 loading pumps, 1 truck off-loading pump & hose. 6,000 gal retardant tank w/ recirc. Secondary containment adequate for tank size.

All required hoses for pumping retardant and water. Provide wheeled loading hose nozzle/spill prevention bucket.

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Wells/Elk	Tank Retardant	6K steel				001323
Wells/Elk	Containment Berm 8' X 16.5'	Basic Concepts Inc				
Wells/Elk	Gorman Rupp	13D-1	Briggs & Stratton	192432	Off-Load Pump	001492
Wells/Elk	Gorman Rupp	13D-1	Briggs & Stratton	192432	Load Pump	001392
Wells/Elk	Check Valve	Clemons				

B-R05-01 FS Bishop, CA

Required Delivery Period	N/A	(Normal Season - N/A)
Product	MVP-Fx (Lot #: 0403014 A/B)	
Daily Peak Req	75,000 gal	VLATs No
Pits	1	LATs Yes
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Forklift	N/A	N/A	N/A	N/A	N/A
1	Eductor	N/A	N/A	N/A	N/A	N/A
1	25,000 gal water tank	N/A	N/A	N/A	N/A	N/A
1	10,000 gal retardant tank	N/A	N/A	N/A	N/A	N/A
1	6,000 gal retardant tank	N/A	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
Lot	Hoses, valves, manifold and pumps	N/A	N/A	N/A	N/A	N/A

Notes:

Truck filled underground water storage

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
	NO Perimeter Solutions Owned Equipment					

B-R05-02 FS Montague, CA (Siskiyou)

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	100,000 gal	VLATs No
Pits	2	LATs Yes
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Centrifugal pump	N/A	N/A	N/A	N/A	N/A
1	20,000 gal Water tank	N/A	N/A	N/A	N/A	N/A
2	10,000 gal retardant tanks	N/A	N/A	N/A	N/A	N/A
1	8,000 gal offload tank	N/A	N/A	N/A	N/A	N/A
Lot	Hoses, valves, manifolds and pumps	N/A	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A

Notes:

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Siskiyou (Blender	Canadian				001021
Siskiyou (Check Valve-Retardant	Clemons				
Siskiyou (Check Valve-Water	Clemons				

B-R05-03 F5 Porterville, CA

Required Delivery Period	N/A	(Normal Season - N/A)
Product	MVP-Fx (Lot #: 0403014-A/B)	
Daily Peak Req	250,000 gal	VLATs No
Pits	5	LATs Yes
Simultaneous Pits	5	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
2	Forklifts	N/A	N/A	N/A	N/A	N/A
1	Eductor	N/A	N/A	N/A	N/A	N/A
1	40,000 gal Water tank	N/A	N/A	N/A	N/A	N/A
1	37,500 gal retardant mix tank	N/A	N/A	N/A	N/A	N/A
1	37,500 gal retardant holding tank	N/A	N/A	N/A	N/A	N/A
1	Silo Storage	N/A	N/A	N/A	N/A	N/A
Lot	Hoses, valves, manifolds and pumps	N/A	N/A	N/A	N/A	N/A
4	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A

Notes:

Contractor to provide offload capability

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
	NO PerImetor Solutions Owned Equipment					

B-R06-01 BLM Burns, OR

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	25,000 gal	VLATs No
Pits	1	LATs No
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity 1,600 gal

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	800 gal water tank	N/A	N/A	N/A	N/A	N/A
1	10,000 gal water tank	N/A	N/A	N/A	N/A	N/A
1	5,000 gal water tank	N/A	N/A	N/A	N/A	N/A
1	poly off-load tank	N/A	N/A	N/A	N/A	N/A
Lot	3" hose and fittings	N/A	N/A	N/A	N/A	N/A
1	water pump	N/A	N/A	N/A	N/A	N/A
2	LC back-up pumps	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to provide One steel mix tank (1,600 - 2,000 gal capacity), plumbed w/3" fittings, hose, recirc system, secondary containment, loading pump

Secondary containment system in place (designed 2-5,000 gal tanks).

29 May 15 added - 1 LC Blender fitted with check valves, cam locks, adj. steel frame; 2 20HP 14A2-B Pumps and misc fittings

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Burns	Pump, Gorman Rupp 14A2-B	14A2-B	Crown Triton	HLS256SR235B	Loading Pump	002772
Burns	Pump, Gorman Rupp 14A2-B	14A2-B	Crown Triton	HLS256SR235B	SparePump	002771
Burns	Pump, Wacker PTS4	PTS4	Briggs Stratton 16HF	Vanguard	Recirc Pump	002550
Burns	LC Canadian Blener	LC Canadian Blender				002974
Burns	Check Valve-Retardant					
Burns	Check Valve-Water					

B-R06-02 FS John Day, OR

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	5,340 gal	VLATs No
Pits	2	LATs No
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Blender	N/A	N/A	N/A	N/A	N/A
1	6,000 gal water tank	N/A	N/A	N/A	N/A	N/A
2	6,000 gal retardant tanks	N/A	N/A	N/A	N/A	N/A
Lot	Hoses, valves, manifold, pumps	N/A	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A

Notes:

Recirc and load pumps are new

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
John Day	Pump, Gorman Rupp 13C20-B	13C20-B	Farm Duty			002762
John Day	Pump, Gorman Rupp 13A20-B	13A20-B	Farm Duty 10HP	6K970N		002763
John Day	Pump, Gorman Rupp 13D-GX270	13D-GX270	Honda GX270			002837
John Day	Check Valve-Retardant	Clemons				

B-R06-03 FS Klamath Falls, OR (Recently moved to Type B (Bulk))

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	100,000 gal	VLATs No
Pits	4	LATs Yes
Simultaneous Pits	2	SEATs Yes
Water Supply	Municipal, 6", flowing at 500 gpm. 20,000 gallon storage	MAFFS Yes
Electrical Supply	600 amp service, 3 phase, 277/480 volts	Offload Capacity 5,000 gal
Storage	Office Space available, limited warehouse storage, up to 40,000 Gallons mixed or concentrate	

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	20,000 gal water tank	N/A	N/A	N/A	N/A	N/A
4	10,000 gal retardant tank	N/A	N/A	N/A	N/A	N/A
1	5,000 gal off-load tank	N/A	N/A	N/A	N/A	N/A
5	Pumps	N/A	N/A	N/A	N/A	N/A
2	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A
1	Lot, hoses, valves, manifolds and fittings	N/A	N/A	N/A	N/A	N/A
1	Lot, office and storage space available	N/A	N/A	N/A	N/A	N/A

Notes:

To convert from Type A to Type B the Agency must purchase the existing retardant in the tanks, as this is owned by the contractor.
 Water Loading Capability to at least one pit; Contractor must furnish water-loading capability.
 Retardant Tank Recirculation; No recirculation system included in retardant tanks, No catwalks included
 Loading line to pad #4;
 Manifold system upgrades including offload capability

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Klamath Falls	LC Blender "Y" Model	"Y" LC Blender				
klamath Falls	Check Valve-Retardant	Clemons				
Klamath Falls	LC Blender "Y" Model	"Y" LC Blender				

B-R06-04 FS La Grande, OR

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	160,000 gal	VLATs No
Pits	2	LATs Yes
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity 5,000 gal

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Centrifugal Blender	N/A	N/A	N/A	N/A	N/A
1	10,000 gal water tank	N/A	N/A	N/A	N/A	N/A
2	10,000 gal retardant tanks	N/A	N/A	N/A	N/A	N/A
1	5,000 gal retardant tank	N/A	N/A	N/A	N/A	N/A
1	5,000 gal off-load tank	N/A	N/A	N/A	N/A	N/A
1	12,000 gal water tank	N/A	N/A	N/A	N/A	N/A
1	12,000 gal retardant tank	N/A	N/A	N/A	N/A	N/A
Lot	Hoses, valves, manifold	N/A	N/A	N/A	N/A	N/A
4	Pumps	N/A	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A

Notes:

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc

B-R06-05 BLM Lakeview, OR

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	25,000 gal	VLATs No
Pits	1	LATs No
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	10,000 gal water tank	N/A	N/A	N/A	N/A	N/A
1	Poly off-load tank	N/A	N/A	N/A	N/A	N/A
Lot	3" hose for water and for mixing	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to provide one steel or poly mix tank (1,600-2,000 gal capacity), plumbed w/3" fittings, hose, recirc system, secondary containment, loading pump
Secondary containment system in place Retardant tank & pumps in place owned by ICL

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Lakeview	Tank, Retardant, 8K	8K Steel			Retardant Storage	
Lakeview	Batch Mixer, 3K Vertical Tank	3K Steel			Batch Mixer	
Lakeview	Pump, Wacker PTS4	PTS4	Briggs Stratton 16HF	Vanguard	Recirc/ Loading	001751
Lakeview	Pump, Gorman Rupp 13D-GX270	13D-GX270	Honda	GX270	Recirc/ Loading	001354

B-R06-06 BIA Omak, WA

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	30,000 gal	VLATs No
Pits	2	LATs No
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	3,000 gal tank	N/A	N/A	N/A	N/A	N/A
1	1,200 gal tank	N/A	N/A	N/A	N/A	N/A
Lot	Hoses, valves, manifold and pumps	N/A	N/A	N/A	N/A	N/A

Notes:

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Omak	Pump, Gorman Rupp 13D-GX270	13D-GX270	Honda 8HP	GX270		
Omak	Pump, Gorman Rupp 13D-GX270	13D-GX270	Honda 8HP	GX270		
Omak	Tank, Pre-Mix 1000K Horizontal Polyethylene	1000K Poly Tank				

B-R06-07 BLM Ontario, OR

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	25,000 gal	VLATs No
Pits	2	LATs No
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity 800 gal

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	2,400 gal tank off-load	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to provide One steel mix tank (1,600-2,000 gal capacity), plumbed w/3" fittings, hose, recirc system, secondary containment, (Note: no pump)
Water supplied via hydrant to site, spill drainage into airport system
29 May 15 added – misc fittings

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Ontario	Tank	10K steel				002549
ontario	Tank Premix	2K Poly				Needs PC
Ontario	Containment Berm	2200 Gallon Cap.				A-004
Ontario	Wacker	PTS4V	Briggs & Straton 16H	Vanguard		001916
Ontario	Wacker	PTS4	Briggs & Straton 16H	Vanguard		002547

B-R08-01 FS Chattanooga, TN

Required Delivery Period	N/A	(Normal Season - N/A)
Product	MVP-Fx (Lot #: 0403014-A/B)	
Daily Peak Req	40,000 gal	VLATs No
Pits	2	LATs Yes
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity 5,000 gal

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Forklift	N/A	N/A	N/A	N/A	N/A
1	electric mixing pump	N/A	N/A	N/A	N/A	N/A
4	10,000 gal tanks	N/A	N/A	N/A	N/A	N/A
1	Orifice blender	N/A	N/A	N/A	N/A	N/A
Lot	Hoses, valves, manifold and pumps	N/A	N/A	N/A	N/A	N/A
3	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A

Notes:
Contractor provided Eductor, 2 aeration pumps, 4-cyl Wisconsin pump, portable pump

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Chattanooga	Mixer, Eductor 350, Semi-Bulk Systems					002207
Chattanooga	Pump, Wacker PTS4	PTS4	Briggs Stratton 16HP	Vanguard		002790
Chattanooga	Meter, Smith Waters		Smith Waters			
Chattanooga	Meter, Smith Waters		Smith Waters			
Chattanooga	Air-Blower, Gas	Airators				
Chattanooga	Air-Blower, Gas	Airators				

B-R08-02 FS Fayetteville, AR

Required Delivery Period	N/A	(Normal Season - N/A)
Product	MVP-Fx (Lot #: 0403014-A/B)	
Daily Peak Req	10,000 gal	VLATs No
Pits	1	LATs Yes
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Forklift	N/A	N/A	N/A	N/A	N/A
4	10,000 gal tanks	N/A	N/A	N/A	N/A	N/A
3	gas powered pumps	N/A	N/A	N/A	N/A	N/A

Notes:

Contractor to provide eductor, pump, and mass flow meter

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
	NO Perimeter Solutions Owned Equipment					

B-R08-03 FS Lake City, FL

Required Delivery Period	N/A	(Normal Season - N/A)
Product	MVP-Fx (Lot #: 0403014-A/B)	
Daily Peak Req	30,000 gal	VLATs No
Pits	2	LATs Yes
Simultaneous Pits	1	SEATs Yes
Water Supply	N/A	MAFFS No
Electrical Supply	N/A	Offload Capacity 5,000 gal

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Forklift	N/A	N/A	N/A	N/A	N/A
1	centrifugal pump	N/A	N/A	N/A	N/A	N/A
1	Eductor	N/A	N/A	N/A	N/A	N/A
4	10,000 gal tanks	N/A	N/A	N/A	N/A	N/A
4	pumps 400 -500 gpm	N/A	N/A	N/A	N/A	N/A
Lot	Hoses, valves, manifold and pumps	N/A	N/A	N/A	N/A	N/A
1	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A

Notes:

Operations building and warehouse storage

Perimeter Solutions Owned Equipment:

location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Lake City	Mixer, Eductor 350, Semi-Bulk Systems	Eductor 350				002206

B-R10-01 BLM Ft. Wainright, AK

Required Delivery Period	N/A	(Normal Season - N/A)
Product	LC95A-FX (Lot #: 0439-076B) / LC95A-R (Lot #: 1051695-C)	
Daily Peak Req	31,033 gal	VLATs No
Pits	3	LATs Yes
Simultaneous Pits	1	SEATs No
Water Supply	N/A	MAFFS Yes
Electrical Supply	N/A	Offload Capacity N/A

Government Furnished Equipment

Qty	Description	Manufacturer	Part Number	Model Number	Serial Number	Condition
1	Forklift	N/A	N/A	N/A	N/A	N/A
1	Orifice blender	N/A	N/A	N/A	N/A	N/A
1	Centrifugal pump	N/A	N/A	N/A	N/A	N/A
2	12,500 gal retardant tanks	N/A	N/A	N/A	N/A	N/A
1	10,000 gal water tank	N/A	N/A	N/A	N/A	N/A
Lot	Hoses, valves, manifold and pumps	N/A	N/A	N/A	N/A	N/A
2	Mass Flow Meter System	MicroMotion	N/A	N/A	N/A	N/A

Notes:

Perimeter Solutions Owned Equipment:

Location	Pump Make	Pump Model	Motor Brand	Motor Model	category	serial num pc
Fort Wain	Gorman Rupp	14A2				
Fort Wain	Gorman Rupp	14A2				
Fort Wain	Blender	Valve				
Fort Wain	Check Valve	Clemons				
Fort Wain	Check Valve	Clemons				
Fort Wain	Blender	Valve				
Fort Wain	Check Valve	Clemons				
Fort Wain	Check Valve	Clemons				
Fort Wain	Tank Retardant (Agency Own?)	12K steel				002138
Fort Wain	Tank Retardant (Agency Own?)	12K steel				002139

Exhibit J-2 - Retardant Inventory/Use Worksheet

Retardant Base _____ Contractor _____ Gallons/Ton _____ Gallons/Pounds _____

Retardant Type _____ Contract No. _____ Inclusive Dates This period _____

RETARDANT DELIVERY		OTHER SERVICES				MISC	DEBITS/	CREDITS
DATE	*TONS DELIVERED	DATE	RE-LOAD	OFF-LOAD	WATER LOAD	DATE	AMOUNT	REMARKS
			\$	\$	\$		\$	
TOTAL		TOTAL	\$	\$	\$		\$	\$

*Truck Weight Invoices must accompany this worksheet

REMARKS:

INVENTORY SUMMARY

	Tons	Gal/Ton	Gallons	Gallons (Sub-total)	Gallons (Total)	Gallons (Grand Total)
A Bulk Retardant on Hand beginning of this period			_____ X _____ = _____			
B Mixed Retardant on Hand beginning of this period			= _____			
plus						
C Total retardant delivered this period			_____ X _____ = _____			
				+ _____	+ _____	
less						
D Bulk Retardant on Hand end of this period			_____ X _____ = _____			
E Mixed Retardant on Hand end of this period			= _____			
				- _____	= _____	
GRAND TOTAL OF GALLONS FOR PAYMENT PURPOSES						\$ _____

Exhibit J-3 Daily Retardant Use Record

Interagency Airtanker Base Operations Guide	
EXHIBIT J-3 - DAILY RETARDANT USE RECORD	

Airtanker Base Name and Agency	Date
	Page
	Name



Load No.	Time	Tanker No.	Incident Order No.	Billing Code Over Ride	Spec. Grav.	Refrac.	Pounds	Gallons	Day Total	Comments
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										

DAILY SUMMARY

Agency	Loads	Gallons	Notes:	
TOTAL				

Exhibit J-4 Cumulative Retardant Use/Payment Summary

1. FOREST/UNIT	2. BASE		4. CONTRACT NO., BID ITEM
5. CONTRACTOR		6. INCLUSIVE DATES THIS PERIOD	PAYMENT NO.

7. GALLONS USED THIS PERIOD (from attached worksheet)

CATEGORY A	_____	GALS @	\$ _____	/GALS =	\$ _____
CATEGORY B	_____	GALS @	\$ _____	/GALS =	\$ _____
CATEGORY C	_____	GALS @	\$ _____	/GALS =	\$ _____
CATEGORY D	_____	GALS @	\$ _____	/GALS =	\$ _____

TOTAL \$ _____

8. MISCELLANEOUS SERVICES

A OFF-LOAD	_____	@ \$	40.00	=	\$ _____
B RELOAD	_____	@ \$	20.00	=	\$ _____
C LOAD WATER	_____	@ \$	20.00	=	\$ _____
D EXTENDED HOURLY	_____	@ \$	20.00	=	\$ _____
*E CALL-UP GUARANTEE	_____	@ \$	250.00	=	\$ _____
*F MOBILIZATION/DEMobilIZATION	Actual cost, attach itemization)=				\$ _____
G. OTHER SERVICES	Mixed Prices				\$ _____

*Applicable during pre, post, and optional periods

TOTAL \$ _____

9. DEDUCTIONS/CREDITS THIS PERIOD

CORRECTION FOR RETARDANT OUT OF SPECIFIC GRAVITY	_____	GAL @ \$	_____	=	\$ _____
	_____	GAL @ \$	_____	=	\$ _____
	_____	GAL @ \$	_____	=	\$ _____
	_____	GAL @ \$	_____	=	\$ _____

10. TOTAL PAYMENT THIS INVOICE

TOTAL \$ _____

11. RETARDANT AND PAYMENT SUMMARY

	<u>PREVIOUS</u> <u>GALLONS</u>	<u>TOTAL</u> <u>AMOUNT</u>	<u>THIS</u> <u>PAYMENT</u>	<u>GALLONS</u>	<u>TOTAL TO DATE</u> <u>AMOUNT</u>	<u>GALLONS</u>
RETARDANT	_____	\$ _____	_____	\$ _____	_____	\$ _____
MISC SERVICES	_____	\$ _____	_____	\$ _____	_____	\$ _____
TOTALS	_____	\$ _____	_____	\$ _____	_____	\$ _____

12. GROSS TOTAL PAID TO DATE

\$ _____

13. APPROVED FOR THE UNITED STATES OF AMERICA COR Signature and Date	14. APPROVED FOR THE CONTRACTOR Signature and Date (Optional)
_____	_____



US Forest Service

Washington Office

Fire & Aviation Management

8/5/16 Corrected

Long-Term Retardant for Wildland Fire Management

Qualified by US Forest Service in Accordance with Forest Service Specification 5100-304c as Amended

These products are evaluated, qualified, and approved for use only at the specified mix ratio with the indicated application equipment.

Consult individual agencies for specific policies relating to long-term retardant use.

Chemical	Mix Ratio (Pounds concentrate per gallon water)	Qualified Applications ¹				
		Fixed-Wing		Helicopter		Ground Engine
		Multi Engine	SEATS	Fixed-Tank	Bucket	
Dry Concentrate - Gum-thickened; Permanent or Temporary Base						
Phos-Chek MVP-Fx	0.96 lb/gal	●	●	-	●	●
Phos-Chek MVP-F	0.95 lb/gal	●	●	-	●	●
Phos-Chek P100-F	1.0 lb/gal	●	●	-	●	●
Dry Concentrate - Gum-thickened; Temporary Base						
Phos-Chek 259-Fx	1.01 lb/gal	●	●	●	●	●
Phos-Chek 259-F	1.14–1.60 lb/gal	●	●	●	●	●
Wet Concentrate - Gum-thickened; Permanent or Temporary Base						
Phos-Chek LC-95A-R	5.5:1	●	●	-	●	●
Phos-Chek LC-95A-Fx	5.5:1	●	●	-	●	●
Phos-Chek LC-95A-F	5.5:1	●	●	-	●	●
Wet Concentrate - Gum-thickened; Temporary Base						
Phos-Chek LC-95-W	5.5:1	●	●	-	●	●
1 – Qualification Notes ● Fully Qualified – Product complies with all requirements of a formal specification. ○ Conditional Approval – Product complies with all requirements in the specification for laboratory evaluation; a field evaluation is required for full qualification. - Not qualified for this application.						



August 2016 - Corrected

Long-Term Fire Retardant Characteristics and Mix Factors¹

Retardant ²	Approved Applications ³	Mix Ratio	Mixed Retardant Prepared Per Ton of Wet or Dry Concentrate	Specific Weight of Mixed Retardant	Viscosity of Mixed Retardant	Marsh Funnel Flow-Through Time of Mixed Retardant	Refractometer Reading of Mixed Retardant	Density of Mixed Retardant
<i>Product Name⁵</i>	<i>Per FS QPL</i>	<i>concentrate to water</i>	<i>gallons</i>	<i>pounds/gallon</i>	<i>centipoise</i>	<i>seconds</i>	<i>scale reading</i>	<i>g/mL</i>
<i>Dry Concentrate, Gum-thickened, High and Medium Viscosity (Use large-tip, 17/64" diameter, Marsh Funnel to determine flow-through time.)</i>								
Phos-Chek MVP-Fx	FW, SEAT, HB, G	0.96 lb to 1 gal H ₂ O	2209	8.75	401 - 800	16 - 22	8.0 - 9.75	1.043 - 1.055
Phos-Chek MVP-F	FW, SEAT, HB, G	0.95 lb to 1 gal H ₂ O	2224	8.78	401 - 800	16 - 22	8.25 - 10.0	1.051 - 1.064
Phos-Chek P100-F	FW, SEAT, HB, G	1.0 lb to 1 gal H ₂ O	2128	8.76	801 - 1500	17 - 30	8.0 - 9.75	1.047 - 1.056
<i>Dry Concentrate, Gum-thickened, Low Viscosity (Use small-tip, 3/16" diameter, Marsh Funnel to determine flow-through time.)</i>								
Phos-Chek 259-Fx	FW, SEAT, HF, HB, G	1.01 lb to 1 gal H ₂ O	2105	8.82	101 - 400	29 - 44	9.75 - 11.75	1.051 - 1.063
Phos-Chek 259-F	FW, SEAT, HF, HB, G	1.14 lb to 1 gal H ₂ O	1856	8.95	101 - 400	39 - 61	12.25 - 14.5	1.066 - 1.079
<i>Wet Concentrate, Gum-thickened, Low-Viscosity (Use small-tip, 3/16" diameter, Marsh Funnel to determine flow-through time.)</i>								
Phos-Chek LC-95A-R	FW, SEAT, HB, G	5.5:1 (5.5 parts H ₂ O to 1 part Concentrate)	1054	8.97	101 - 400	33 - 49	12.0 - 14.5	1.071 - 1.087
Phos-Chek LC-95A-Fx	FW, SEAT, HB, G	5.5:1 (5.5 parts H ₂ O to 1 part Concentrate)	1053	9.01	101 - 400	32 - 50	11.5 - 14.0	1.071 - 1.088
Phos-Chek LC-95A-F	FW, SEAT, HB, G	5.5:1 (5.5 part H ₂ O to 1 part Concentrate)	1050	9.00	101 - 400	32 - 50	11.5 - 14.0	1.070 - 1.086
Phos-Chek LC-95-W	FW, SEAT, HB, G	5.5:1 (5.5 part H ₂ O to 1 part Concentrate)	1050	8.99	101 - 400	34 - 52	11.75 - 14.0	1.069 - 1.085

1. The listed products are evaluated, qualified and approved for use only at the specified mix ratio with the indicated application equipment.
2. Based on Forest Service Qualified Products List (QPL). Consult individual agencies for specific policies relating to long-term retardant use. Data from all approved variations (formulations) of each product were used in the preparation of the information in this table.
3. FW - Fixed-Wing Airtanker, SEAT – Single Engine Airtanker, HF - Fixed-Tank Helicopter; HB- Helicopter Bucket; G - Ground Engine.

Exhibit J-7 Fuel Surcharge Table

Type A (Full Service) ATBs

Item No	2018 Fuel Surcharge Rate	2019 Fuel Surcharge Rate	2020 Fuel Surcharge Rate	2021 Fuel Surcharge Rate	2022 Fuel Surcharge Rate	2022E Fuel Surcharge Rate
A-R1-01-BLM-Billings, MT	\$ 380.04	\$ 380.04	\$ 380.04	\$ 380.04	\$ 380.04	\$ 380.04
A-R1-02-FS-Helena, MT	\$ 284.73	\$ 284.73	\$ 284.73	\$ 284.73	\$ 284.73	\$ 284.73
A-R2-01-FS-Durango, CO	\$ 530.74	\$ 530.74	\$ 530.74	\$ 530.74	\$ 530.74	\$ 530.74
A-R2-02-BLM-Grand Junction, CO	\$ 432.66	\$ 432.66	\$ 432.66	\$ 432.66	\$ 432.66	\$ 432.66
A-R2-03-FS-Rapid City, SD	\$ 808.29	\$ 808.29	\$ 808.29	\$ 808.29	\$ 808.29	\$ 808.29
A-R3-01-FS-Albuquerque, NM	\$ 578.70	\$ 578.70	\$ 578.70	\$ 578.70	\$ 578.70	\$ 578.70
A-R3-02-FS-Ft. Huachuca, AZ	\$ 580.00	\$ 580.00	\$ 580.00	\$ 580.00	\$ 580.00	\$ 580.00
A-R3-03-FS PHX-Mesa Gateway, AZ	\$ 87.70	\$ 87.70	\$ 87.70	\$ 87.70	\$ 87.70	\$ 87.70
A-R3-04-FS-Flagstaff, AZ	\$ 158.48	\$ 158.48	\$ 158.48	\$ 158.48	\$ 158.48	\$ 158.48
A-R3-05-FS-Winslow, AZ	\$ 215.99	\$ 215.99	\$ 215.99	\$ 215.99	\$ 215.99	\$ 215.99
A-R4-01-BLM-Battle Mountain, NV	\$ 370.62	\$ 370.62	\$ 370.62	\$ 370.62	\$ 370.62	\$ 370.62
A-R4-02-FS-Boise, ID	\$ 295.35	\$ 295.35	\$ 295.35	\$ 295.35	\$ 295.35	\$ 295.35
A-R4-03-BLM-Cedar City, UT	\$ 454.49	\$ 454.49	\$ 454.49	\$ 454.49	\$ 454.49	\$ 454.49
A-R4-04-FS-Hill AFB, UT	\$ 158.76	\$ 158.76	\$ 158.76	\$ 158.76	\$ 158.76	\$ 158.76
A-R4-05-FS-McCall, ID	\$ 350.03	\$ 350.03	\$ 350.03	\$ 350.03	\$ 350.03	\$ 350.03
A-R4-06-BLM-Pocatello, ID	\$ 60.22	\$ 60.22	\$ 60.22	\$ 60.22	\$ 60.22	\$ 60.22
A-R4-07-BLM-Stead, NV	\$ 625.15	\$ 625.15	\$ 625.15	\$ 625.15	\$ 625.15	\$ 625.15
A-R4-08-BLM-Twin Falls, ID	\$ 155.04	\$ 155.04	\$ 155.04	\$ 155.04	\$ 155.04	\$ 155.04
A-R4-09-BLM-Winnemucca, NV	\$ 430.58	\$ 430.58	\$ 430.58	\$ 430.58	\$ 430.58	\$ 430.58
A-R5-01-FS-Castle ATB, CA	\$ 331.03	\$ 331.03	\$ 331.03	\$ 331.03	\$ 331.03	\$ 331.03
A-R5-02-FS-Chester, CA	\$ 305.39	\$ 305.39	\$ 305.39	\$ 305.39	\$ 305.39	\$ 305.39
A-R5-03-FS-Fox Field (Lancaster), CA	\$ 175.61	\$ 175.61	\$ 175.61	\$ 175.61	\$ 175.61	\$ 175.61
A-R5-04-FS-Fresno, CA	\$ 395.57	\$ 395.57	\$ 395.57	\$ 395.57	\$ 395.57	\$ 395.57
A-R5-05-FS-Redding, CA	\$ 328.76	\$ 328.76	\$ 328.76	\$ 328.76	\$ 328.76	\$ 328.76
A-R5-06-FS-San Bernadino, CA	\$ 87.00	\$ 87.00	\$ 87.00	\$ 87.00	\$ 87.00	\$ 87.00
A-R5-07-FS-Santa Maria, CA	\$ 363.17	\$ 363.17	\$ 363.17	\$ 363.17	\$ 363.17	\$ 363.17
A-R6-01-FS-Medford, OR	\$ 488.06	\$ 488.06	\$ 488.06	\$ 488.06	\$ 488.06	\$ 488.06
A-R6-02-FS-Moses Lake, WA	\$ 193.77	\$ 193.77	\$ 193.77	\$ 193.77	\$ 193.77	\$ 193.77
A-R6-03-FS-Redmond, OR	\$ 311.20	\$ 311.20	\$ 311.20	\$ 311.20	\$ 311.20	\$ 311.20

Exhibit J-7 Fuel Surcharge Table

Type B (Bulk) ATBs

Item No	2018 Fuel Surcharge Rate	2019 Fuel Surcharge Rate	2020 Fuel Surcharge Rate	2021 Fuel Surcharge Rate	2022 Fuel Surcharge Rate	2022E Fuel Surcharge Rate	
B-R1-01-FS-Coeur d'Alene, ID	\$ 506.76	\$ 506.76	\$ 506.76	\$ 506.76	\$ 506.76	\$ 506.76	
B-R1-02-FS-Grangeville, ID	\$ 424.68	\$ 424.68	\$ 424.68	\$ 424.68	\$ 424.68	\$ 424.68	
B-R1-03-FS-Missoula, MT	\$ 529.33	\$ 529.33	\$ 529.33	\$ 529.33	\$ 529.33	\$ 529.33	
B-R1-04-FS-W. Yellowstone, MT	\$ 459.01	\$ 459.01	\$ 459.01	\$ 459.01	\$ 459.01	\$ 459.01	*
B-R2-01-BLM-Canon City, CO	\$ 485.42	\$ 485.42	\$ 485.42	\$ 485.42	\$ 485.42	\$ 485.42	*
B-R2-02-BLM-Casper, WY	\$ 361.47	\$ 361.47	\$ 361.47	\$ 361.47	\$ 361.47	\$ 361.47	
B-R2-03-BLM-Cortez, CO	\$ 501.72	\$ 501.72	\$ 501.72	\$ 501.72	\$ 501.72	\$ 501.72	
B-R2-04-BLM-Craig, CO	\$ 443.76	\$ 443.76	\$ 443.76	\$ 443.76	\$ 443.76	\$ 443.76	
B-R2-05-BLM-Greybull, WY	\$ 286.21	\$ 286.21	\$ 286.21	\$ 286.21	\$ 286.21	\$ 286.21	*
B-R2-06-FS-Jeffco (Denver), CO	\$ 539.18	\$ 539.18	\$ 539.18	\$ 539.18	\$ 539.18	\$ 539.18	
B-R2-07-BLM-Riverton, CO	\$ 330.37	\$ 330.37	\$ 330.37	\$ 330.37	\$ 330.37	\$ 330.37	
B-R2-08-FS-Pueblo, CO	\$ 472.71	\$ 472.71	\$ 472.71	\$ 472.71	\$ 472.71	\$ 472.71	*
B-R2-09-BLM-Rawlins, WY	\$ 340.51	\$ 340.51	\$ 340.51	\$ 340.51	\$ 340.51	\$ 340.51	
B-R2-10-BLM-Rifle, CO	\$ 514.98	\$ 514.98	\$ 514.98	\$ 514.98	\$ 514.98	\$ 514.98	
B-R3-01-FS-Alamogordo, NM	\$ 725.00	\$ 725.00	\$ 725.00	\$ 725.00	\$ 725.00	\$ 725.00	*
B-R3-02-BLM-Roswell, NM	\$ 526.71	\$ 526.71	\$ 526.71	\$ 526.71	\$ 526.71	\$ 526.71	
B-R3-03-BLM-Safford, AZ	\$ 187.14	\$ 187.14	\$ 187.14	\$ 187.14	\$ 187.14	\$ 187.14	
B-R3-04-BIA-Show Low, AZ	\$ 787.21	\$ 787.21	\$ 787.21	\$ 787.21	\$ 787.21	\$ 787.21	
B-R3-05-FS-Silver City, NM	\$ 348.32	\$ 348.32	\$ 348.32	\$ 348.32	\$ 348.32	\$ 348.32	*
B-R4-01-BLM-Fillmore, UT	\$ 583.81	\$ 583.81	\$ 583.81	\$ 583.81	\$ 583.81	\$ 583.81	**
B-R4-02-BLM-Jean, NV	NA	NA	NA	NA	NA	NA	
B-R4-03-BLM-McDermitt, NV	\$ 411.27	\$ 411.27	\$ 411.27	\$ 411.27	\$ 411.27	\$ 411.27	
B-R4-04-BLM-Mesquite, NV	\$ 504.30	\$ 504.30	\$ 504.30	\$ 504.30	\$ 504.30	\$ 504.30	
B-R4-05-BLM-Mountain Home, ID	\$ 242.28	\$ 242.28	\$ 242.28	\$ 242.28	\$ 242.28	\$ 242.28	
B-R4-06-BLM-Nephi, UT	NA	NA	NA	NA	NA	NA	
B-R4-07-BLM-Panaca, NV	\$ 351.12	\$ 351.12	\$ 351.12	\$ 351.12	\$ 351.12	\$ 351.12	*
B-R4-08-BLM-Tooele, UT	\$ 220.34	\$ 220.34	\$ 220.34	\$ 220.34	\$ 220.34	\$ 220.34	
B-R4-09-BLM-Wells, NV	\$ 250.66	\$ 250.66	\$ 250.66	\$ 250.66	\$ 250.66	\$ 250.66	
B-R5-01-FS-Bishop, CA	\$ 278.40	\$ 278.40	\$ 278.40	\$ 278.40	\$ 278.40	\$ 278.40	**
B-R5-02-FS-Montague, CA	\$ 414.48	\$ 414.48	\$ 414.48	\$ 414.48	\$ 414.48	\$ 414.48	
B-R5-03-FS-Porterville, CA	\$ 460.84	\$ 460.84	\$ 460.84	\$ 460.84	\$ 460.84	\$ 460.84	
B-R6-01-BLM-Burns, OR	\$ 416.78	\$ 416.78	\$ 416.78	\$ 416.78	\$ 416.78	\$ 416.78	
B-R6-02-FS-John Day, OR	\$ 462.95	\$ 462.95	\$ 462.95	\$ 462.95	\$ 462.95	\$ 462.95	
B-R6-03-FS-Klamath Falls, OR	\$ 495.71	\$ 495.71	\$ 495.71	\$ 495.71	\$ 495.71	\$ 495.71	
B-R6-04-FS-La Grande, OR	\$ 208.36	\$ 208.36	\$ 208.36	\$ 208.36	\$ 208.36	\$ 208.36	
B-R6-05-BLM-Lakeview, OR	\$ 524.71	\$ 524.71	\$ 524.71	\$ 524.71	\$ 524.71	\$ 524.71	
B-R6-06-BIA-Omak, WA	\$ 266.66	\$ 266.66	\$ 266.66	\$ 266.66	\$ 266.66	\$ 266.66	
B-R6-07-BLM-Ontario, OR	\$ 380.58	\$ 380.58	\$ 380.58	\$ 380.58	\$ 380.58	\$ 380.58	
B-R8-01-FS-Chatanooga, TN	\$ 657.20	\$ 657.20	\$ 657.20	\$ 657.20	\$ 657.20	\$ 657.20	
B-R8-02-FS-Fayetteville, AR	\$ 1,460.58	\$ 1,460.58	\$ 1,460.58	\$ 1,460.58	\$ 1,460.58	\$ 1,460.58	***
B-R8-03-FS-Lake City, FL	\$ 719.82	\$ 719.82	\$ 719.82	\$ 719.82	\$ 719.82	\$ 719.82	
B-R10-01-BLM-Ft. Wainright, AK	\$ 1,232.60	\$ 1,232.60	\$ 1,232.60	\$ 1,232.60	\$ 1,232.60	\$ 1,232.60	**

<p>REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor</p>	<p>U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON, D.C. 20210</p>
<p>Daniel W. Simms Director</p>	<p>Division of Wage Determinations</p>
	<p>Wage Determination No: 1995-0222 Revision No: 43 Date of Revision: 12/26/2017</p>

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.35 for calendar year 2018 applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Nationwide: Applicable in the continental U.S. Alaska, Puerto Rico, Hawaii and Virgin Islands.

****Fringe Benefits Required Follow the Occupational Listing****

Employed on U.S. Government contracts for aerial photographer, aerial seeding, aerial spraying, transportation of personnel and cargo, fire reconnaissance, administrative flying, fire detection, air taxi mail service, and other flying services.

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
31010 - Airplane Pilot		28.36
(not set) - First Officer (Co-Pilot)		25.82
(not set) - Aerial Photographer		14.17

EXCEPT SCHEDULED AIRLINE TRANSPORTATION AND LARGE MULTI-ENGINE AIRCRAFT SUCH AS THE B-727, DC-8, AND THE DC-9.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors, applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is the victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$4.41 per hour or \$176.40 per week or \$764.40 per month

HEALTH & WELFARE EO 13706: \$4.13 per hour, or \$165.20 per week, or \$715.87 per month

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor, 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

VACATION (Hawaii): 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 10 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HEALTH & WELFARE (Hawaii): \$1.91 per hour, or \$76.40 per week, or \$331.07 per month for all employees on whose behalf the contractor provides health care benefits pursuant to the Hawaii prepaid Health Care Act. For those employees who are not receiving health care benefits mandated by the Hawaii prepaid Health Care Act, the new health and welfare benefit rate will be \$4.41 per hour.

HEALTH & WELFARE (Hawaii EO 13706): \$1.63 per hour, or \$65.20 per week, or \$282.53 per month for all employees on whose behalf the contractor provides health care benefits pursuant to the Hawaii prepaid Health Care Act. For those employees who are not receiving health care benefits mandated by the Hawaii prepaid Health Care Act, the new health and welfare benefit rate will be \$4.13 per hour.

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving re-grading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the

Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition (Revision 1), dated September 2014, unless otherwise indicated.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE

Standard Form 1444 (SF-1444)

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined (See 29 CFR 4.6(b)(2)(i)). Such conforming procedure shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees (See 29 CFR 4.6(b)(2)(ii)). The Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits which shall be retroactive to the commencement date of the contract (See 29 CFR 4.6(b)(2)(iv)(C)(vi)). When multiple wage determinations are included in a contract, a separate SF-1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order the proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, U.S. Department of Labor, for review (See 29 CFR 4.6(b)(2)(ii)).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF-1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to ensure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

**** OCCUPATIONS NOT INCLUDED IN THE SCA DIRECTORY OF OCCUPATIONS ****

Aerial Photographer

The aerial photographer must be skilled in reading flight maps, capable of assisting the pilot to adhere to flight lines, be able to level and operate a cartographic camera and its auxiliary equipment mounted in the aircraft so that the photographs that are taken will have the required forward lap and side lap for use in photogrammetric mapping equipment, and possess a working knowledge of aerial films and camera filters to insure proper exposure of the films.

First Officer (Co-Pilot)

Is second in command of commercial airplane and its crew while transporting passengers, mail, or other cargo on scheduled or nonscheduled flights. Assists or relieves an airline captain in operating the controls of an airplane; monitoring flight and engine instruments; and maintaining air-to-ground communications.

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

Daniel W. Simms Division of
Director Wage Determinations

Wage Determination No: 1995-0221
Revision No: 43
Date of Revision: 01/10/2018

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

NATIONWIDE: Applicable in the continental U.S., Hawaii, Alaska, and American Samoa.
Alaska: Entire state.
American Samoa: Entire state
Hawaii: Entire state.
Midwestern Region: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin
Northeast Region: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont
Southern Region: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia
Western Region: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming

****Fringe Benefits Required Follow the Occupational Listing****

Employed on contracts for Fire Safety services only.

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support and Clerical Occupations		
01613 - Word Processor III		
Alaska		19.30
Continental U.S.		19.30
Hawaii and American Samoa		19.06
05000 - Automotive Service Occupations		
05190 - Motor Vehicle Mechanic		
Alaska		27.24
Hawaii and American Samoa		18.09
Midwestern Region		21.49
Northeast Region		20.18
Southern Region		18.80
Western Region		21.75
05220 - Motor Vehicle Mechanic Helper		
Alaska		19.70
Hawaii and American Samoa		13.93

Midwestern Region	13.94
Northeast Region	15.72
Southern Region	12.12
Western Region	14.74
07000 - Food Preparation and Service Occupations	
07010 - Baker	
Alaska	16.36
Hawaii and American Samoa	16.34
Midwestern Region	13.71
Northeast Region	15.56
Southern Region	11.20
Western Region	17.08
07041 - Cook I	
Alaska	14.10
Hawaii and American Samoa	13.75
Midwestern Region	10.08
Northeast Region	12.58
Southern Region	9.59
Western Region	11.49
07042 - Cook II	
Alaska	16.25
Hawaii and American Samoa	15.36
Midwestern Region	11.36
Northeast Region	14.18
Southern Region	10.82
Western Region	12.95
07070 - Dishwasher	
Alaska	12.07
Hawaii and American Samoa	13.23
Midwestern Region	8.16
Northeast Region	8.74
Southern Region	8.48
Western Region	8.80
07130 - Food Service Worker	
Alaska	12.31
Hawaii and American Samoa	12.25
Midwestern Region	9.63
Northeast Region	11.54
Southern Region	9.11
Western Region	10.01
07210 - Meat Cutter	
Alaska	20.08
Hawaii and American Samoa	19.49
Midwestern Region	16.92
Northeast Region	19.70
Southern Region	14.12
Western Region	18.48
12000 - Health Occupations	
12040 - Emergency Medical Technician	
Alaska	23.55
Continental U.S.	17.15
Hawaii and American Samoa	19.29

21000 - Materials Handling and Packing Occupations

21020 - Forklift Operator

Alaska	22.62
Hawaii and American Samoa	17.62
Midwestern Region	16.26
Northeast Region	15.88
Southern Region	13.45
Western Region	17.39

21150 - Stock Clerk

Alaska	14.61
Hawaii and American Samoa	11.52
Midwestern Region	12.91
Northeast Region	12.74
Southern Region	12.37
Western Region	13.08

23000 - Mechanics and Maintenance and Repair Occupations

23021 - Aircraft Mechanic I

Alaska	28.68
Continental U.S.	29.50
Hawaii and American Samoa	29.64

23022 - Aircraft Mechanic II

Alaska	29.78
Continental U.S.	30.26
Hawaii and American Samoa	30.86

23023 - Aircraft Mechanic III

Alaska	31.41
Continental U.S.	31.63
Hawaii and American Samoa	32.39

23040 - Aircraft Mechanic Helper

Alaska	22.49
Continental U.S.	22.18
Hawaii and American Samoa	21.40

23060 - Aircraft Servicer

Alaska	25.13
Continental U.S.	25.31
Hawaii and American Samoa	24.84

23160 - Electrician, Maintenance

Alaska	32.39
Hawaii and American Samoa	27.90
Midwestern Region	24.31
Northeast Region	26.05
Southern Region	20.78
Western Region	24.82

23440 - Heavy Equipment Operator

Alaska	26.48
Hawaii and American Samoa	18.84
Midwestern Region	21.49
Northeast Region	20.18
Southern Region	18.80
Western Region	21.74

23470 - Laborer

Alaska	16.07
Hawaii and American Samoa	15.60
Midwestern Region	13.08
Northeast Region	13.19
Southern Region	10.64
Western Region	12.35

23530 - Machinery Maintenance Mechanic	
Alaska	30.21
Hawaii and American Samoa	29.81
Midwestern Region	18.64
Northeast Region	19.49
Southern Region	14.77
Western Region	18.49
23580 - Maintenance Trades Helper	
Alaska	22.09
Hawaii and American Samoa	17.04
Midwestern Region	17.54
Northeast Region	16.38
Southern Region	14.76
Western Region	15.22
27000 - Protective Service Occupations	
27070 - Firefighter	
Alaska	12.24
Hawaii and American Samoa	9.97
Midwestern Region	7.98
Northeast Region	8.41
Southern Region	7.98
Western Region	8.41
30000 - Technical Occupations	
30210 - Laboratory Technician	
Alaska	23.69
Hawaii and American Samoa	22.53
Mid-Western Region	21.05
Northeast Region	19.48
Southern Region	21.41
Western Region	20.02
31000 - Transportation/Mobile Equipment Operation Occupations	
31030 - Bus Driver	
Alaska	22.22
Hawaii and American Samoa	14.43
Midwestern Region: 1 1/2 to 4 tons	18.31
Midwestern Region: over 4 tons	19.15
Midwestern Region: under 1 1/2 tons	13.70
Northeast Region: 1 1/2 to 4 tons	18.77
Northeast Region: over 4 tons	19.59
Northeast Region: under 1 1/2 tons	14.56
Southern Region: 1 1/2 to 4 tons	16.72
Southern Region: over 4 tons	17.35
Southern Region: under 1 1/2 tons	9.32
Western Region: 1 1/2 to 4 tons	17.24
Western Region: over 4 tons	17.73
Western Region: under 1 1/2 tons	10.85
31361 - Truckdriver, Light	
Alaska	20.80
Hawaii and American Samoa	11.37
Midwestern Region	13.70
Northeast Region	14.56
Southern Region	9.32
Western Region	10.85
31362 - Truckdriver, Medium	
Alaska	22.52
Hawaii and American Samoa	14.42

Midwestern Region	18.31
Northeast Region	18.77
Southern Region	16.37
Western Region	17.24
31363 - Truckdriver, Heavy	
Alaska	23.80
Hawaii and American Samoa	15.74
Midwestern Region	19.15
Northeast Region	19.59
Southern Region	17.35
Western Region	18.37
31364 - Truckdriver, Tractor-Trailer	
Alaska	25.07
Hawaii and American Samoa	15.94
Midwestern Region	22.76
Northeast Region	19.72
Southern Region	18.23
Western Region	18.75
47000 - Water Transportation Occupations	
47021 - Cook-Baker/Second Cook/Second Cook- Baker/Assistant Cook	
Alaska	16.18
Hawaii and American Samoa	15.36
Midwestern Region	11.36
Northeast Region	14.18
Southern Region	10.81
Western Region	12.95
92000 - Non Standard Occupations	
(not set) - Quality Assurance Representative I	
Alaska	20.11
Hawaii and American Samoa	20.66
Midwestern Region	18.10
Northeast Region	19.12
Southern Region	19.82
Western Region	18.24
(not set) - Quality Assurance Representative II	
Alaska	26.31
Hawaii and American Samoa	24.56
Midwestern Region	22.33
Northeast Region	23.73
Southern Region	20.97
Western Region	22.11
(not set) - Quality Assurance Representative III	
Alaska	27.99
Hawaii and American Samoa	26.73
Midwestern Region	26.29
Northeast Region	27.93
Southern Region	24.80
Western Region	26.51
(not set) - Chief Cook	
Alaska	21.49
Hawaii and American Samoa	25.76
Midwestern Region	18.95
Northeast Region	22.94
Southern Region	17.37
Western Region	21.10

(not set) - Environmental Protection Specialist	
Alaska	33.90
Hawaii and American Samoa	31.35
Midwestern Region	28.52
Northeast Region	34.20
Southern Region	29.04
Western Region	30.03
(not set) - Fire Safety Professional	
Alaska	33.88
Hawaii and American Samoa	31.39
Midwestern Region	28.52
Northeast Region	34.20
Southern Region	29.04
Western Region	30.03
(not set) - Aircraft Quality Control Inspector	
Alaska	30.00
Continental U.S.	30.84
Hawaii and American Samoa	31.01
99000 - Miscellaneous Occupations	
99730 - Refuse Collector	
Alaska	11.88
Hawaii and American Samoa	10.98
Midwestern Region	10.15
Northeast Region	11.59
Southern Region	7.98
Western Region	9.88

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors, applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is the victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$4.41 per hour or \$176.40 per week or \$764.40 per month

HEALTH & WELFARE EO 13706: \$4.13 per hour, or \$165.20 per week, or \$715.87 per month

*This rate is to be used only when compensating employees for performance on an SCA-covered contract also covered by EO 13706, Establishing Paid Sick Leave for Federal Contractors. A contractor may not receive credit toward its SCA obligations for any paid sick leave provided pursuant to EO 13706.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor, 3 weeks after 10 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (See 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

VACATION (Hawaii): 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 10 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HEALTH & WELFARE (Hawaii): \$1.91 per hour, or \$76.40 per week, or \$331.07 per month for all employees on whose behalf the contractor provides health care benefits pursuant to the Hawaii prepaid Health Care Act. For those employees who are not receiving health care benefits mandated by the Hawaii prepaid Health Care Act, the new health and welfare benefit rate will be \$4.41 per hour.

HEALTH & WELFARE (Hawaii EO 13706): \$1.63 per hour, or \$65.20 per week, or \$282.53 per month for all employees on whose behalf the contractor provides health care benefits pursuant to the Hawaii prepaid Health Care Act. For those employees who are not receiving health care benefits mandated by the Hawaii prepaid Health Care Act, the new health and welfare benefit rate will be \$4.13 per hour.

*This rate is to be used only when compensating employees for performance on an SCA-covered contract also covered by EO 13706, Establishing Paid Sick Leave for Federal Contractors. A contractor may not receive credit toward its SCA obligations for any paid sick leave provided pursuant to EO 13706.

**** HAZARDOUS PAY DIFFERENTIAL ****

An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving re-grading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** SERVICE CONTRACT ACT DIRECTORY OF OCCUPATIONS ****

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition (Revision 1), dated September 2014, unless otherwise indicated.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE

Standard Form 1444 (SF-1444)

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined (See 29 CFR 4.6(b)(2)(i)). Such conforming procedure shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees (See 29 CFR 4.6(b)(2)(ii)). The Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits which shall be retroactive to the commencement date of the contract (See 29 CFR 4.6(b)(2)(iv)(C)(vi)). When multiple wage determinations are included in a contract, a separate SF-1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order the proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, U.S. Department of Labor, for review (See 29 CFR 4.6(b)(2)(ii)).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF-1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to ensure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

**** OCCUPATIONS NOT INCLUDED IN THE SCA DIRECTORY OF OCCUPATIONS ****

Aircraft Quality Control Inspector

Develops and implements quality control and ground safety programs to ensure compliance with contract specifications. Inspects and verifies proper completion and documentation of safety and flight discrepancies. Briefs and debriefs pilots and crew members assigned to functional check flights. Evaluates personnel, including verification of skills, training and experience. Performs audits and inspections of work centers and ongoing maintenance actions, procedures, equipment and facilities. Monitors timeliness and applicability of aircraft maintenance technical data and technical library. Reviews maintenance source documents, aircraft inspection records, notes recurring discrepancies or trends and initiates appropriate action. Manages the material deficiency and technical order improvement program. Reviews engineering investigation requests. Initiates and reviews quality deficiency reports, technical deficiency reports and hazardous material reports, ensuring that they are accurate, clear, concise and comprehensive. Receives aircraft and explosive mishap reports and studies them for applicability. Oversees aircraft weight and balance program. Conducts safety inspections, training and drills.

Chief Cook

Directs and participates in the preparation and serving of meals; determines timing and sequence of operations required to meet serving times; inspects galley/kitchen unit and equipment for cleanliness and proper storage and preparation of food. Many plan or assist in planning meals and taking inventory of stores and equipment.

Environmental Protection Specialist

Environmental protection specialist positions require specialized knowledge of the principles, practices, and methods of program or administrative work relating to environmental protection programs. This entails (1) an understanding of the philosophy underlying environmental regulation; (2) knowledge of environmental laws and regulations; (3) knowledge of the planning, funding, organization, administration, and evaluation of environmental programs; (4) practical knowledge of environmental sciences and related disciplines, the effects of actions and technology on the environment, the means of preventing or reducing pollution, and the relationship between environmental factors and human health and well-being; and (5) practical knowledge of important historic, cultural, and natural resources (including land, vegetation, fish, wildlife, endangered species, forests) and the relationship between the preservation and management of these resources and environmental protection. Environmental protection specialists apply specialized knowledge of one or more program or functional areas of environmental protection work, but do not require full professional competence in environmental engineering or science.

Fire Safety Professional

The Fire Safety Professional works to control and extinguish fires, rescue persons endangered by fire, and reduce or eliminate potential fire hazards. It also controls hazardous materials incidents, provides emergency medical services, trains personnel in fire protection and prevention, operates fire communications equipment, develops and implements fire protection and prevention plans, procedures, and standards and, advises on improvements to structures for better fire prevention.

Quality Assurance Representative I

A Quality Assurance Representative I independently inspects a few standardized procedures, items or operations of limited difficulty. A Quality Assurance Representative I's assignments involve independent record keeping and preparation of reports, inspection and testing, interpretation of plans and specifications and observation of construction activities to check adherence to safety practices and requirements. Quality Assurance Representative I's maintain work relationships with contractor supervisory personnel. Contacts involve obtaining information on sequence of operations and work methods, explaining standard requirements of plans and specifications, and informing the contractor of inspection results.

Quality Assurance Representative II

A Quality Assurance Representative II independently inspects a wide variety of standardized items or operations requiring a substantial knowledge of the method and techniques of construction inspection and of construction methods, equipment, materials, practices and the ability to interpret varied requirements in drawings and specifications. Quality Assurance Representative II's obtain information on schedules and work methods and explain requirements of plans and specifications. They make suggestions to the contractor concerning well-established acceptable methods and practices to assist the contractor in meeting standard requirements. Quality

Assurance Representative II's are typically not authorized to approve deviations in construction plans, methods and practices even of a minor nature.

Quality Assurance Representative III

A Quality Assurance Representative III is expected to interpret plans and specifications relating to construction problems of normal difficulty, that is, those for which there are precedents and those without unusual complications. Quality Assurance Representative III's resolve differences between plans and specifications when such differences do not involve questions of cost or engineering design. Engineering and supervisory assistance is readily available and is provided as needed to assist in interpreting plans and specifications and in resolving differences involving complex problems. Technical assistance is also available on unusual specialized trade, crafts or materials problems. Inspection reports are reviewed for accuracy, completeness and adequacy. Unusually difficult and novel problems are discussed with the supervisor. Quality Assurance Representative III's are typically authorized to approve minor deviations in construction methods and practices which conform to established precedents, do not involve added costs, and are consistent with contract plans and specifications. Decisions by Quality Assurance Representative III's on the acceptability of construction methods and practices, workmanship, materials, and the finished product are considered to be final.

COMBINED SYNOPSIS/SOLICITATION FOR COMMERCIAL ITEMS

General Information

Document Type: Combined Solicitation/Synopsis
Solicitation Number: 12024B18R9006
Solicitation Name: National Long-Term Fire Retardant
Posted Date: 1 May 2018
Response Date: 15 May 2018
NAICS Code: 115310 Support Activities for Forestry
Product or Service Code: F003 Forest/Range Fire Suppression
Small Business Set Aside: None

Contracting Office Address

U.S. Forest Service (USFS) - Incident Support Branch
National Interagency Fire Center
3833 S. Development Ave. Bldg 106 Ste. 1100
Boise, ID 83705-5354

Description

This is a sole source combined synopsis/solicitation for commercial items prepared in accordance with the format in Federal Acquisition Regulation (FAR) subpart 12.6, "Streamlined Procedures for Evaluation and Solicitation for Commercial Items," as supplemented with additional information included in this notice. This announcement constitutes the only solicitation; "proposals" are being requested, and a written solicitation document will not be issued.

Pursuant to FAR 5.203(a) the USFS posted a notice on 1 May 2018 with the intent to negotiate a sole source contract for one base year and four one year options for a total period of five years, for supply and service of long-term fire retardant to designated interagency air tanker bases to the United States Department of Agriculture (USDA) Forest Service, Department of the Interior (DOI), Bureau of Land Management (BLM), Bureau of Indian Affairs (BIA) and other Government agencies with interagency agreements with any of the above. The long-term fire retardant required and supplied shall be qualified and approved on the Qualified Products List (QPL) in accordance with USDA, USFS Specification 5100-304c - Long Term Retardant, Wildland Firefighting with amendments. The statutory authority permitting other than full and open competition is 41 U.S.C. 3304(a)(1) (FAR 6.302-1) the property or services needed by the executive agency are available from only one responsible source and no other type of property or services will satisfy the needs of the executive agency. IAW FAR 5.203(a)(1) and (2) the combined synopsis and solicitation procedure is utilized and the USFS is proceeding with the sole source solicitation.

This solicitation is a sole source "request for proposal (RFP)" the solicitation document and incorporated provisions and clauses are those in effect through Federal Acquisition Circular Number 2005-97 (effective - 01/24/2018).

The associated North American Industrial Classification System (NAICS) code for this procurement is 115310, with a small business size standard of \$7.5 Million and is unrestricted.

The U.S. Forest Service (USFS) - Incident Support Branch, National Interagency Fire Center, 3833 S. Development Ave. Bldg 106 Ste. 1100, Boise, ID is seeking to enter into a sole source contract with ICL Performance Products LP for the National Long-Term Fire Retardant requirement, a commercial item. This acquisition is a one year base with four one year options for supply of the National Long Term Retardant – Full Service. See Attachment 1 (Section B), for the Schedule of Items and a list of contract line items. See Attachment 2 (Section C) for the Specifications and Statement of Work, describing the requirements including dates and places of delivery and acceptance. See various Section J Attachments for relevant attachments for this acquisition.

The US Forest Service will initiate negotiations with ICL Performance Products LP and notification of award will be posted to this announcement.

Applicable Clauses

The full text of FAR provisions or clauses may be accessed electronically at <http://acquisition.gov/comp/far/index.html>. The following solicitation provisions apply to this acquisition:

FAR 52.212-1, Instructions to Offerors–Commercial Items (JAN 2017)

FAR 52.212-3, Offerors Representations and Certifications–Commercial Items (NOV 2017)
Offerors must complete annual representations and certifications on-line at <https://www.sam.gov/portal/SAM/#1>, in accordance with FAR 52.212-3, “Offerors Representations and Certifications–Commercial Items.” The Offeror shall complete only paragraph (b) of this provision if the Offeror has completed the annual representations and certification electronically via the System for Award Management (SAM) website located at <https://www.sam.gov/portal>. If the Offeror has not completed the annual representations and certifications electronically, the Offeror shall complete only paragraphs (c) through (u) of this provision.

Solicitation Supporting Documentation

The offeror’s proposal shall be submitted via email to larryrobillard@fs.fed.us and negotiations will commence upon receipt. Proposal shall include the following:

1. Completed Attachment 1 (Section B) with rationale to explain pricing variances from previous contracts AG-024B-C-17-9009 and 9010 line item pricing
2. Statement from authorized corporate representative accepting the terms and conditions in the solicitation

Any questions or concerns regarding this solicitation should be forwarded in writing via e-mail to Larry Robillard at larryrobillard@fs.fed.us.

Solicitation Point of Contact:

Larry Robillard

Contracting Officer – USFS Incident Support Branch

Tel: (208) 387-5682

Email: larryrobillard@fs.fed.us

The following referenced material may be requested through the Contracting Officer:

1. SPECIFICATION 5100- 304C - LONG-TERM RETARDANT FOREST FIRE, AIRCRAFT OR GROUND APPLICATION
2. LOT ACCEPTANCE, QUALITY ASSURANCE, AND FIELD QUALITY CONTROL FOR FIRE RETARDANT CHEMICAL, NFES 1245 (PMS 444-1)
3. USER/PROCUREMENT MANUAL FOR RETARDANT MEASUREMENT MASS FLOWMETER