

USDA FOREST SERVICE

NATIONAL RETARDANT

PERIMETER SOLUTIONS LP

CONTRACT: 1202SC24T2500
(Effective March 22, 2024)
WEB VERSION

CONTRACTOR:

PERIMETER SOLUTIONS LP
8000 MARYLAND AVE. SUITE 350
CLAYTON, MO 63105
Phone: 314-983-7672
SAM – UEI: QGUQWSU5AHB4

AWARDING OFFICE:

USDA FOREST SERVICE - CONTRACTING
NATIONAL INTERAGENCY FIRE CENTER
3833 S DEVELOPMENT AVE
BOISE, ID 83705-5384

LARRY ROBILLARD
CONTRACTING OFFICER
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SECTION A - SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS

STANDARD FORM 1449

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS				1. REQUISITION NUMBER	PAGE
OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30					1 of 134
3. CONTRACT NO. 1202SC24T2500	2. AWARD/EFFECTIVE DATE 22-March-2024	4. ORDER NUMBER	5. SOLICITATION NUMBER 1202SC23R2500 - A-006	6. SOLICITATION ISSUE Original - 9/29/2023 A-001 - 11/8/2023 A-002 - 11/9/2023 A-003 - 11/17/2023 A-004 - 12/6/2023 A-005 - 12/8/2023 A-006-12/14/2023	
7. FOR SOLICITATION INFORMATION CALL	8. NAME Larry Robillard	9. TELEPHONE NUMBER (No collect call) 208-407-6003		10. OFFER DUE 1/10/2024 1400 MT	
11. ISSUED BY National Interagency Fire Center USDA/Forest Service, Contracting Owyhee Building, MS 1100 3833 S. Development Ave Boise, ID 83705-5354		12. 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 <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS <input type="checkbox"/> (EDWOSB) <input type="checkbox"/> 8(a) NAICS: 225908 SIZE STANDARD: 500 employees		13. RATING	
14. DELIVERY FOR FOR DESTINATION UNLESS BLOCK IS MARKED <input checked="" type="checkbox"/> SEE SCHEDULE		15. DISCOUNT TERMS <input type="checkbox"/> 12a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		16. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP	
17. DELIVER TO See 9		18. ADMINISTERED BY See 9		19. CODE	
20. CONTRACTOR PERIMETER SOLUTIONS LP 8000 MARYLAND AVE SUITE 150 CLAYTON, MO 63105 Phone: 314-983-7672 FAX: 314-983-7672 TELEPHONE NO 314-983-7672 DUNS NO DUNS NO 00271631 / CAGE: IRKX8		21. FACILITY CODE		22. PAYMENT WILL BE MADE BY IPP	
23. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER		24. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 21a UNLESS BLOCK 21a BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM			
25. ITEMS	26. SCHEDULE OF SUPPLIES/SERVICES Supply of National Long-Term Fire Retardant - See Section B for Schedule of Items	27. QUANTITY	28. UNIT	29. UNIT PRICE	30. AMOUNT
31. ACCOUNTING AND APPROPRIATION DATA		32. TOTAL AWARD AMOUNT (For Univ. Use Only)			
33. 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-5 AND 52.212-5 ARE ATTACHED ADDENDA <input checked="" type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4, FAR 52.212-5 IS ATTACHED ADDENDA <input checked="" type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 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		34. 29. AWARD OF CONTRACT. REF Final pricing acceptable email DATED 2/13/2024 YOUR OFFER ON SOLICITATION (BLOCK 5) INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS			
35. SIGNATURE OF OFFEROR/CONTRACTOR Edward Goldberg		36. UNITED STATES OF AMERICA SIGNATURE OF CONTRACTING OFFICER LARRY ROBILLARD Digitally signed by LARRY ROBILLARD Date: 2024.03.22 14:02:47 -06'00'			
37. NAME AND TITLE OF SIGNED (Type or print) Edward Goldberg, Vice Chairman		38. DATE SIGNED 3/22/24		39. NAME OF CONTRACTING OFFICER (Type or print) Larry Robillard@usda.gov	
		40. DATE SIGNED			

SECTION B - SCHEDULE OF ITEMS

B-1 GENERAL DESCRIPTION

The purpose of this solicitation and resultant contract is to obtain aerial Long-Term Fire Retardant (LTFR) product and ancillary services associated with the product supply to the designated Airtanker Bases (ATB) for the United States Department of Agriculture (USDA) Forest Service (FS), Department of the Interior (DOI), (Bureau of Land Management (BLM) and Bureau of Indian Affairs (BIA)) and other Government agencies with interagency agreements with any of the above. The resultant contract is a sole source, one year (01/01/2024 through 12/31/2024) fixed-price, indefinite quantity contract with a one-year option (01/01/2025 through 12/31/2025) with the Period of Performance (PoP) starting on 01/01/2024. The aerial LTFR supplied must be fully qualified and approved on the Qualified Products List (QPL) in accordance with USDA, FS Specification 5100-304d (or latest revision) – aerial Long Term Fire Retardant, Wildland Firefighting with amendments. Each ATB is unique and the ancillary services required may include the necessary supply and shipping of LTFR products, equipment and labor necessary to mix, store, load, offload, and load with water into Government contracted aircraft, , as directed by the Government, for use in suppression of wildland fires. 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 – Contract Clauses/Scope of Contract and Section D – Exhibit D-1 – LTFR Specifications for the requirements of the contract including the ordering, invoicing and payment procedures for the various CLINs on this effort. Please note, Miscellaneous Services pricing found in Section B-4 may require specific ordering and invoicing requirements and should be confirmed with the Contracting Officer (CO) prior to the contractor commencing work on that order.

B-3 AERIAL LTFR PRODUCT PRICING TABLE

Offeror to provide product pricing in the table below for each fully qualified aerial LTFR product supplied. The LTFR product prices shall be applied to each ATB identified below in Sections B-5 and B-6 in the appropriate Tier and estimated quantity at each Tier. Tier 1 pricing is applied to the first 36% of annual supply at each ATB (based on the most recent 5 year average) and the price shall include direct and indirect costs associated with the LTFR product supply. Tier 2 pricing is applied to the remaining 64% of annual supply (based on the most recent 5-year average) and the price shall include direct costs associated with supply of the various LTFR products.

Calendar Year 2024 & 2025 Qualified Aerial LTFR Product(s) Pricing Table

CALENDAR YEAR	PRODUCT TIER	PRODUCT	LOT NO.	PRICE / TON	YIELD MIXED RETARDANT (GAL/TON)	PRICE / MIXED GALLON			
Product 1									
2024	Tier 1	MVP-Fx	0403014-A/B	(b) (4)					
2024	Tier 2	MVP-Fx	0403014-A/B						
2025	Tier 1	MVP-Fx	0403014-A/B						
2025	Tier 2	MVP-Fx	0403014-A/B						
Product 2									
2024	Tier 1	LC95A-Fx	0381045-B						
2024	Tier 2	LC95A-Fx	0381045-B						
2025	Tier 1	LC95A-Fx	0381045-B						
2025	Tier 2	LC95A-Fx	0381045-B						
Product 3									
2024	Tier 1	LC95A-R	1051695-C						
2024	Tier 2	LC95A-R	1051695-C						
2025	Tier 1	LC95A-R	1051695-C						
2025	Tier 2	LC95A-R	1051695-C						
Product 4									
2024	Tier 1	LCE20-Fx	0502-050A						
2024	Tier 2	LCE20-Fx	0502-050A						
2025	Tier 1	LCE20-Fx	0502-050A						
2025	Tier 2	LCE20-Fx	0502-050A						

Note: Yield Mixed Retardant = equivalent of mixed LTFR in gallons from 1 Ton of concentrate.

B-4 MISCELLANEOUS SERVICES PRICING

CLIN 0100 – Freight for LTFR Product – Cost Reimbursable CLIN

ITEM (Sub- CLIN)	DESCRIPTION	UNIT OF MEASURE	PRICE PER UNIT
0100	LTFR Product Freight (per truckload)	per Shipment	Cost Reimbursed

CLIN 011X – Miscellaneous Service(s)

CLINs 0110, 0111 & 0113 below, shall be authorized only by the contracting officer through a mutually agreed upon, negotiated, Firm Fixed Price (FFP), signed order on this contract. Once performance begins 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 Contractor shall send approved invoice packages as specified in Section C-2 - 52.212-4.

0110 - Agency personnel classroom and/or equipment certification training	Negotiated FFP order
0111 - Government owned system/equipment Maintenance, updates and/or repairs	Negotiated FFP order
0112 - Contractor provided certified MixMaster for temporary support at ATBs, limited to 12 hours per day and 14 day assignments.	\$ (b) (4) / person/day
0113 – Contractor shall provide wastewater removal, when requested, at ATBs.	Negotiated FFP order

B-5 TYPE A (FULL SERVICE) ATBS PRICING

Type A (Full-Service) ATB Contract Line Item Number (CLIN) Pricing

Offeror to provide ATB CLIN pricing below utilizing fully qualified aerial LTFR product (include LTFR product Qualification Lot Number). Please include separate sheets for each ATB (and each Option at specific ATB locations), where Offeror provides alternative LTFR product supply for consideration. Tier 1 and Tier 2 unit prices are provided from the LTFR product Mixed Gallon pricing found in Calendar Year 2024 & 2025 Qualified Aerial LTFR Product(s) Pricing Table in Section B-3. Tier 1 represents 36% of annual supply and Tier 2 represents the remaining 64% of annual supply based on the most recent 5-year average at each ATB. Flowage Rate represents the direct and indirect cost of maintenance calculated on mixed gallons flowed through the ATB in the Offeror's supplied equipment. Daily Rate – Operations represent prices that include direct and indirect costs of labor and equipment for supply of ancillary services at the ATB. Pre-, Post- and Optional-Delivery periods may be ordered by the Government, in accordance with Exhibit D-1. Extended Standby represents hourly rate for hourly labor in excess of normal operating day as specified in Exhibit D-1.

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X001	BILLINGS, MT	BLM REGION 1	JUNE 16 THROUGH SEPTEMBER 30
QUALIFIED LTFR PRODUCT NAME: LC95A-R			QUALIFICATION LOT NO: 1051695-C

2024 PRICING MARCH 22 THRU DECEMBER 31 BILLINGS, MT – BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AA	LTFR Tier 1 (36% of 5yr Avg)	205,009	Mixed Gallons	(b) (4)	(4)
0001AB	LTFR Tier 2 (64% of 5yr Avg)	364,150	Mixed Gallons		
0001AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	569,159	Mixed Gallons		
0001AD	Daily Rate - Operations (Mandatory Availability Period)	107	Guaranteed Days		
0001AE	Extended Standby	500	Hours		
0001AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 BILLINGS, MT – BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1001AA	LTFR Tier 1 (36% of 5yr Avg)	205,009	Mixed Gallons	(b) (4)	(4)
1001AB	LTFR Tier 2 (64% of 5yr Avg)	364,150	Mixed Gallons		
1001AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	569,159	Mixed Gallons		
1001AD	Daily Rate - Operations (Mandatory Availability Period)	107	Guaranteed Days		
1001AE	Extended Standby	500	Hours		
1001AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X002	HELENA, MT	USDA, FS, REGION 1	JULY 7 THROUGH SEPTEMBER 19
QUALIFIED LTFR PRODUCT NAME: LC95A-R			QUALIFICATION LOT NO: 1051695-C

2024 PRICING MARCH 22 THRU DECEMBER 31 HELENA, MT – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002AA	LTFR Tier 1 (36% of 5yr Avg)	354,798	Mixed Gallons	(b) (4)	(4)
0002AB	LTFR Tier 2 (64% of 5yr Avg)	630,214	Mixed Gallons		
0002AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	985,012	Mixed Gallons		
0002AD	Daily Rate - Operations (Mandatory Availability Period)	75	Guaranteed Days		
0002AE	Extended Standby	500	Hours		
0002AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 HELENA, MT – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1002AA	LTFR Tier 1 (36% of 5yr Avg)	354,798	Mixed Gallons	(b) (4)	(4)
1002AB	LTFR Tier 2 (64% of 5yr Avg)	630,214	Mixed Gallons		
1002AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	985,012	Mixed Gallons		
1002AD	Daily Rate - Operations (Mandatory Availability Period)	75	Guaranteed Days		
1002AE	Extended Standby	500	Hours		
1002AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X003	MILES CITY, MT	BLM REGION 1	JULY 1 THROUGH SEPTEMBER 15
QUALIFIED LTFR PRODUCT NAME: LC95A-R			QUALIFICATION LOT NO: 1051695-C

2024 PRICING MARCH 22 THRU DECEMBER 31 MILES CITY, MT – BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003AA	LTFR Tier 1 (36% of 5yr Avg)	26,300	Mixed Gallons	(b) (4)	(4)
0003AB	LTFR Tier 2 (64% of 5yr Avg)	46,715	Mixed Gallons		
0003AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	73,015	Mixed Gallons		
0003AD	Daily Rate - Operations (Mandatory Availability Period)	77	Guaranteed Days		
0003AE	Extended Standby	500	Hours		
0003AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 MILES CITY, MT – BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1003AA	LTFR Tier 1 (36% of 5yr Avg)	26,300	Mixed Gallons	(b) (4)	(4)
1003AB	LTFR Tier 2 (64% of 5yr Avg)	46,715	Mixed Gallons		
1003AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	73,015	Mixed Gallons		
1003AD	Daily Rate - Operations (Mandatory Availability Period)	77	Guaranteed Days		
1003AE	Extended Standby	500	Hours		
1003AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X004	DURANGO, CO	USDA FS REGION 2	MAY 15 THROUGH SEPTEMBER 29
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 DURANGO, CO – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004AA	LTFR Tier 1 (36% of 5yr Avg)	83,375	Mixed Gallons	(b) (4)	
0004AB	LTFR Tier 2 (64% of 5yr Avg)	148,096	Mixed Gallons		
0004AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	231,471	Mixed Gallons		
0004AD	Daily Rate - Operations (Mandatory Availability Period)	138	Guaranteed Days		
0004AE	Extended Standby	500	Hours		
0004AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 DURANGO, CO – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1004AA	LTFR Tier 1 (36% of 5yr Avg)	83,375	Mixed Gallons	(b) (4)	
1004AB	LTFR Tier 2 (64% of 5yr Avg)	148,096	Mixed Gallons		
1004AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	231,471	Mixed Gallons		
1004AD	Daily Rate - Operations (Mandatory Availability Period)	138	Guaranteed Days		
1004AE	Extended Standby	500	Hours		
1004AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X005	GRAND JUNCTION, CO	BLM REGION 2	MAY 15 THROUGH OCTOBER 1
QUALIFIED LTFR PRODUCT NAME: LC95A-R			QUALIFICATION LOT NO: 1051695-C

2024 PRICING MARCH 22 THRU DECEMBER 31 GRAND JUNCTION, CO – BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005AA	LTFR Tier 1 (36% of 5yr Avg)	277,428	Mixed Gallons	(b) (4)	
0005AB	LTFR Tier 2 (64% of 5yr Avg)	492,784	Mixed Gallons		
0005AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	770,212	Mixed Gallons		
0005AD	Daily Rate - Operations (Mandatory Availability Period)	140	Guaranteed Days		
0005AE	Extended Standby	500	Hours		
0005AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 GRAND JUNCTION, CO – BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1005AA	LTFR Tier 1 (36% of 5yr Avg)	277,428	Mixed Gallons	(b) (4)	
1005AB	LTFR Tier 2 (64% of 5yr Avg)	492,784	Mixed Gallons		
1005AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	770,212	Mixed Gallons		
1005AD	Daily Rate - Operations (Mandatory Availability Period)	140	Guaranteed Days		
1005AE	Extended Standby	500	Hours		
1005AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X006	RAPID CITY, SD	USDA, FS, REGION 2	JUNE 1 THROUGH SEPTEMBER 30
QUALIFIED LTFR PRODUCT NAME: LC95A-Fx			QUALIFICATION LOT NO: 0381045-B

2024 PRICING MARCH 22 THRU DECEMBER 31 RAPID CITY, SD – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0006AA	LTFR Tier 1 (36% of 5yr Avg)	46,031	Mixed Gallons	(b) (4)	(4)
0006AB	LTFR Tier 2 (64% of 5yr Avg)	81,764	Mixed Gallons		
0006AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	127,795	Mixed Gallons		
0006AD	Daily Rate - Operations (Mandatory Availability Period)	122	Guaranteed Days		
0006AE	Extended Standby	500	Hours		
0006AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 RAPID CITY, SD – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1006AA	LTFR Tier 1 (36% of 5yr Avg)	46,031	Mixed Gallons	(b) (4)	(4)
1006AB	LTFR Tier 2 (64% of 5yr Avg)	81,764	Mixed Gallons		
1006AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	127,795	Mixed Gallons		
1006AD	Daily Rate - Operations (Mandatory Availability Period)	122	Guaranteed Days		
1006AE	Extended Standby	500	Hours		
1006AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X007	COLORADO SPRINGS, CO	USDA, FS, REGION 2	APRIL 15 THROUGH SEPTEMBER 30
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 COLORADO SPRINGS, CO – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0007AA	LTFR Tier 1 (36% of 5yr Avg)	127,150	Mixed Gallons	(b) (4)	(4)
0007AB	LTFR Tier 2 (64% of 5yr Avg)	225,850	Mixed Gallons		
0007AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	353,000	Mixed Gallons		
0007AD	Daily Rate - Operations (Mandatory Availability Period)	169	Guaranteed Days		
0007AE	Extended Standby	500	Hours		
0007AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 COLORADO SPRINGS, CO – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1007AA	LTFR Tier 1 (36% of 5yr Avg)	127,150	Mixed Gallons	(b) (4)	(4)
1007AB	LTFR Tier 2 (64% of 5yr Avg)	225,850	Mixed Gallons		
1007AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	353,000	Mixed Gallons		
1007AD	Daily Rate - Operations (Mandatory Availability Period)	169	Guaranteed Days		
1007AE	Extended Standby	500	Hours		
1007AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X008	ALBUQUERQUE, NM	USDA, FS, REGION 3	APRIL 29 THROUGH JULY 16
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 ALBUQUERQUE, NM – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0008AA	LTFR Tier 1 (36% of 5yr Avg)	51,911	Mixed Gallons	(b) (4)	
0008AB	LTFR Tier 2 (64% of 5yr Avg)	92,208	Mixed Gallons		
0008AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	144,119	Mixed Gallons		
0008AD	Daily Rate - Operations (Mandatory Availability Period)	79	Guaranteed Days		
0008AE	Extended Standby	500	Hours		
0008AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 ALBUQUERQUE, NM – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1008AA	LTFR Tier 1 (36% of 5yr Avg)	51,911	Mixed Gallons	(b) (4)	
1008AB	LTFR Tier 2 (64% of 5yr Avg)	92,208	Mixed Gallons		
1008AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	144,119	Mixed Gallons		
1008AD	Daily Rate - Operations (Mandatory Availability Period)	79	Guaranteed Days		
1008AE	Extended Standby	500	Hours		
1008AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X009	FT. HUACHUCA, AZ	USDA, FS REGION 3	APRIL 15 THROUGH JULY 18
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 FT HUACHUCA, AZ – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0009AA	LTFR Tier 1 (36% of 5yr Avg)	290,641	Mixed Gallons	(b) (4)	
0009AB	LTFR Tier 2 (64% of 5yr Avg)	516,254	Mixed Gallons		
0009AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	806,895	Mixed Gallons		
0009AD	Daily Rate - Operations (Mandatory Availability Period)	95	Guaranteed Days		
0009AE	Extended Standby	500	Hours		
0009AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 FT HUACHUCA, AZ – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1009AA	LTFR Tier 1 (36% of 5yr Avg)	290,641	Mixed Gallons	(b) (4)	
1009AB	LTFR Tier 2 (64% of 5yr Avg)	516,254	Mixed Gallons		
1009AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	806,895	Mixed Gallons		
1009AD	Daily Rate - Operations (Mandatory Availability Period)	95	Guaranteed Days		
1009AE	Extended Standby	500	Hours		
1009AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X010	PHOENIX-MESA GATEWAY, AZ	USDA, FS, REGION 3	APRIL 15 THROUGH JULY 31
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 PHOENIX-MESA GATEWAY, AZ – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0010AA	LTFR Tier 1 (36% of 5yr Avg)	795,851	Mixed Gallons	(b) (4)	(4)
0010AB	LTFR Tier 2 (64% of 5yr Avg)	1,413,636	Mixed Gallons		
0010AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	2,209,487	Mixed Gallons		
0010AD	Daily Rate - Operations (Mandatory Availability Period)	108	Guaranteed Days		
0010AE	Extended Standby	500	Hours		
0010AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 PHOENIX-MESA GATEWAY, AZ – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1010AA	LTFR Tier 1 (36% of 5yr Avg)	795,851	Mixed Gallons	(b) (4)	(4)
1010AB	LTFR Tier 2 (64% of 5yr Avg)	1,413,636	Mixed Gallons		
1010AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	2,209,487	Mixed Gallons		
1010AD	Daily Rate - Operations (Mandatory Availability Period)	108	Guaranteed Days		
1010AE	Extended Standby	500	Hours		
1010AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X011	PRESCOTT, AZ	USDA, FS, REGION 3	MAY 1 THROUGH JULY 29
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 PRESCOTT, AZ – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0011AA	LTFR Tier 1 (36% of 5yr Avg)	206,377	Mixed Gallons	(b) (4)	(4)
0011AB	LTFR Tier 2 (64% of 5yr Avg)	366,578	Mixed Gallons		
0011AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	572,955	Mixed Gallons		
0011AD	Daily Rate - Operations (Mandatory Availability Period)	90	Guaranteed Days		
0011AE	Extended Standby	500	Hours		
0011AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 PRESCOTT, AZ – FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1011AA	LTFR Tier 1 (36% of 5yr Avg)	206,377	Mixed Gallons	(b) (4)	(4)
1011AB	LTFR Tier 2 (64% of 5yr Avg)	366,578	Mixed Gallons		
1011AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	572,955	Mixed Gallons		
1011AD	Daily Rate - Operations (Mandatory Availability Period)	90	Guaranteed Days		
1011AE	Extended Standby	500	Hours		
1011AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X012	ROSWELL, NM	BLM REGION 3	APRIL 1 THROUGH JUNE 30
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 ROSWELL, NM - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0012AA	LTFR Tier 1 (36% of 5yr Avg)	54,847	Mixed Gallons	(b) (4)	(4)
0012AB	LTFR Tier 2 (64% of 5yr Avg)	97,422	Mixed Gallons		
0012AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	152,269	Mixed Gallons		
0012AD	Daily Rate - Operations (Mandatory Availability Period)	91	Guaranteed Days		
0012AE	Extended Standby	500	Hours		
0012AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 ROSWELL, NM - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1012AA	LTFR Tier 1 (36% of 5yr Avg)	54,847	Mixed Gallons	(b) (4)	(4)
1012AB	LTFR Tier 2 (64% of 5yr Avg)	97,422	Mixed Gallons		
1012AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	152,269	Mixed Gallons		
1012AD	Daily Rate - Operations (Mandatory Availability Period)	91	Guaranteed Days		
1012AE	Extended Standby	500	Hours		
1012AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X013	SAFFORD, AZ	BLM REGION 3	MAY 1 THROUGH JULY 15
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 SAFFORD, AZ - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0013AA	LTFR Tier 1 (36% of 5yr Avg)	30,623	Mixed Gallons	(b) (4)	(4)
0013AB	LTFR Tier 2 (64% of 5yr Avg)	54,394	Mixed Gallons		
0013AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	85,017	Mixed Gallons		
0013AD	Daily Rate - Operations (Mandatory Availability Period)	76	Guaranteed Days		
0013AE	Extended Standby	500	Hours		
0013AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 SAFFORD, AZ - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1013AA	LTFR Tier 1 (36% of 5yr Avg)	30,623	Mixed Gallons	(b) (4)	(4)
1013AB	LTFR Tier 2 (64% of 5yr Avg)	54,394	Mixed Gallons		
1013AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	85,017	Mixed Gallons		
1013AD	Daily Rate - Operations (Mandatory Availability Period)	76	Guaranteed Days		
1013AE	Extended Standby	500	Hours		
1013AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X014	WINSLOW, AZ	USDA, FS, REGION 3	MAY 3 THROUGH JULY 12
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 WINSLOW, AZ - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0014AA	LTFR Tier 1 (36% of 5yr Avg)	42,048	Mixed Gallons	(b) (4)	(4)
0014AB	LTFR Tier 2 (64% of 5yr Avg)	74,688	Mixed Gallons		
0014AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	116,736	Mixed Gallons		
0014AD	Daily Rate - Operations (Mandatory Availability Period)	71	Guaranteed Days		
0014AE	Extended Standby	500	Hours		
0014AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 WINSLOW, AZ - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1014AA	LTFR Tier 1 (36% of 5yr Avg)	42,048	Mixed Gallons	(b) (4)	(4)
1014AB	LTFR Tier 2 (64% of 5yr Avg)	74,688	Mixed Gallons		
1014AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	116,736	Mixed Gallons		
1014AD	Daily Rate - Operations (Mandatory Availability Period)	71	Guaranteed Days		
1014AE	Extended Standby	500	Hours		
1014AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X015	BATTLE MOUNTAIN, NV	BLM REGION 4	JUNE 1 THROUGH SEPTEMBER 28
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 BATTLE MOUNTAIN, NV - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0015AA	LTFR Tier 1 (36% of 5yr Avg)	101,277	Mixed Gallons	(b) (4)	(4)
0015AB	LTFR Tier 2 (64% of 5yr Avg)	179,895	Mixed Gallons		
0015AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	281,172	Mixed Gallons		
0015AD	Daily Rate - Operations (Mandatory Availability Period)	120	Guaranteed Days		
0015AE	Extended Standby	500	Hours		
0015AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 BATTLE MOUNTAIN, NV - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1015AA	LTFR Tier 1 (36% of 5yr Avg)	101,277	Mixed Gallons	(b) (4)	(4)
1015AB	LTFR Tier 2 (64% of 5yr Avg)	179,895	Mixed Gallons		
1015AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	281,172	Mixed Gallons		
1015AD	Daily Rate - Operations (Mandatory Availability Period)	120	Guaranteed Days		
1015AE	Extended Standby	500	Hours		
1015AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X016	BOISE, ID	USDA, FS REGION 4	JUNE 1 THROUGH SEPTEMBER 30
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 BOISE, ID - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0016AA	LTFR Tier 1 (36% of 5yr Avg)	234,399	Mixed Gallons	(b) (4)	
0016AB	LTFR Tier 2 (64% of 5yr Avg)	416,353	Mixed Gallons		
0016AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	650,752	Mixed Gallons		
0016AD	Daily Rate - Operations (Mandatory Availability Period)	122	Guaranteed Days		
0016AE	Extended Standby	500	Hours		
0016AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 BOISE, ID - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1016AA	LTFR Tier 1 (36% of 5yr Avg)	234,399	Mixed Gallons	(b) (4)	
1016AB	LTFR Tier 2 (64% of 5yr Avg)	416,353	Mixed Gallons		
1016AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	650,752	Mixed Gallons		
1016AD	Daily Rate - Operations (Mandatory Availability Period)	122	Guaranteed Days		
1016AE	Extended Standby	500	Hours		
1016AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X017	CEDAR CITY, UT	BLM REGION 4	MAY 1 THROUGH SEPTEMBER 15
QUALIFIED LTFR PRODUCT NAME: LC95A-Fx			QUALIFICATION LOT NO: 0381045-B

2024 PRICING MARCH 22 THRU DECEMBER 31 CEDAR CITY, UT - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0017AA	LTFR Tier 1 (36% of 5yr Avg)	263,334	Mixed Gallons	(b) (4)	(4)
0017AB	LTFR Tier 2 (64% of 5yr Avg)	467,749	Mixed Gallons		
0017AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	731,083	Mixed Gallons		
0017AD	Daily Rate - Operations (Mandatory Availability Period)	138	Guaranteed Days		
0017AE	Extended Standby	500	Hours		
0017AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 CEDAR CITY, UT - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1017AA	LTFR Tier 1 (36% of 5yr Avg)	263,334	Mixed Gallons	(b) (4)	(4)
1017AB	LTFR Tier 2 (64% of 5yr Avg)	467,749	Mixed Gallons		
1017AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	731,083	Mixed Gallons		
1017AD	Daily Rate - Operations (Mandatory Availability Period)	138	Guaranteed Days		
1017AE	Extended Standby	500	Hours		
1017AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X018	HILL AFB, UT	USDA, FS, REGION 4	JUNE 12 THROUGH OCTOBER 12
QUALIFIED LTFR PRODUCT NAME: LC95A-Fx			QUALIFICATION LOT NO: 0381045-B

2024 PRICING MARCH 22 THRU DECEMBER 31 HILL AFB, UT - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0018AA	LTFR Tier 1 (36% of 5yr Avg)	152,090	Mixed Gallons	(b) (4)	(4)
0018AB	LTFR Tier 2 (64% of 5yr Avg)	270,150	Mixed Gallons		
0018AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	422,240	Mixed Gallons		
0018AD	Daily Rate - Operations (Mandatory Availability Period)	123	Guaranteed Days		
0018AE	Extended Standby	500	Hours		
0018AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 HILL AFB, UT - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1018AA	LTFR Tier 1 (36% of 5yr Avg)	152,090	Mixed Gallons	(b) (4)	(4)
1018AB	LTFR Tier 2 (64% of 5yr Avg)	270,150	Mixed Gallons		
1018AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	422,240	Mixed Gallons		
1018AD	Daily Rate - Operations (Mandatory Availability Period)	123	Guaranteed Days		
1018AE	Extended Standby	500	Hours		
1018AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X019	MCCALL, ID	USDA, FS REGION 4	JUNE 28 THROUGH SEPTEMBER 30
QUALIFIED LTFR PRODUCT NAME: LC95A-R			QUALIFICATION LOT NO: 1051695-C

2024 PRICING MARCH 22 THRU DECEMBER 31 MCCALL, ID - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0019AA	LTFR Tier 1 (36% of 5yr Avg)	42,085	Mixed Gallons	(b) (4)	(4)
0019AB	LTFR Tier 2 (64% of 5yr Avg)	74,754	Mixed Gallons		
0019AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	116,839	Mixed Gallons		
0019AD	Daily Rate - Operations (Mandatory Availability Period)	95	Guaranteed Days		
0019AE	Extended Standby	500	Hours		
0019AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 MCCALL, ID - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1019AA	LTFR Tier 1 (36% of 5yr Avg)	42,085	Mixed Gallons	(b) (4)	(4)
1019AB	LTFR Tier 2 (64% of 5yr Avg)	74,754	Mixed Gallons		
1019AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	116,839	Mixed Gallons		
1019AD	Daily Rate - Operations (Mandatory Availability Period)	95	Guaranteed Days		
1019AE	Extended Standby	500	Hours		
1019AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X020	MESQUITE, NV	BLM REGION 4	MAY 15 THROUGH AUGUST 15
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 MESQUITE, NV - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0020AA	LTFR Tier 1 (36% of 5yr Avg)	51,852	Mixed Gallons	(b) (4)	(4)
0020AB	LTFR Tier 2 (64% of 5yr Avg)	92,103	Mixed Gallons		
0020AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	143,955	Mixed Gallons		
0020AD	Daily Rate - Operations (Mandatory Availability Period)	93	Guaranteed Days		
0020AE	Extended Standby	500	Hours		
0020AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 MESQUITE, NV - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1020AA	LTFR Tier 1 (36% of 5yr Avg)	51,852	Mixed Gallons	(b) (4)	(4)
1020AB	LTFR Tier 2 (64% of 5yr Avg)	92,103	Mixed Gallons		
1020AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	143,955	Mixed Gallons		
1020AD	Daily Rate - Operations (Mandatory Availability Period)	93	Guaranteed Days		
1020AE	Extended Standby	500	Hours		
1020AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X021	MOUNTAIN HOME, ID	BLM REGION 4	JUNE 23 THROUGH SEPTEMBER 23
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 MOUNTAIN HOME, ID - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0021AA	LTFR Tier 1 (36% of 5yr Avg)	59,398	Mixed Gallons	(b) (4)	(4)
0021AB	LTFR Tier 2 (64% of 5yr Avg)	105,507	Mixed Gallons		
0021AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	164,905	Mixed Gallons		
0021AD	Daily Rate - Operations (Mandatory Availability Period)	93	Guaranteed Days		
0021AE	Extended Standby	500	Hours		
0021AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 MOUNTAIN HOME, ID - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1021AA	LTFR Tier 1 (36% of 5yr Avg)	59,398	Mixed Gallons	(b) (4)	(4)
1021AB	LTFR Tier 2 (64% of 5yr Avg)	105,507	Mixed Gallons		
1021AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	164,905	Mixed Gallons		
1021AD	Daily Rate - Operations (Mandatory Availability Period)	93	Guaranteed Days		
1021AE	Extended Standby	500	Hours		
1021AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X022	POCATELLO, ID	BLM REGION 4	JUNE 23 THROUGH OCTOBER 7
QUALIFIED LTFR PRODUCT NAME: LC95A-R			QUALIFICATION LOT NO: 1051695-C

2024 PRICING MARCH 22 THRU DECEMBER 31 POCATELLO, ID - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0022AA	LTFR Tier 1 (36% of 5yr Avg)	469,168	Mixed Gallons	(b) (4)	(4)
0022AB	LTFR Tier 2 (64% of 5yr Avg)	833,364	Mixed Gallons		
0022AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	1,302,532	Mixed Gallons		
0022AD	Daily Rate - Operations (Mandatory Availability Period)	107	Guaranteed Days		
0022AE	Extended Standby	500	Hours		
0022AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 POCATELLO, ID - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1022AA	LTFR Tier 1 (36% of 5yr Avg)	469,168	Mixed Gallons	(b) (4)	(4)
1022AB	LTFR Tier 2 (64% of 5yr Avg)	833,364	Mixed Gallons		
1022AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	1,302,532	Mixed Gallons		
1022AD	Daily Rate - Operations (Mandatory Availability Period)	107	Guaranteed Days		
1022AE	Extended Standby	500	Hours		
1022AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X023	STEAD, NV	BLM REGION 4	JUNE 1 THOUGH SEPTEMBER 30
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 STEAD, NV - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0023AA	LTFR Tier 1 (36% of 5yr Avg)	275,062	Mixed Gallons	(b) (4)	(4)
0023AB	LTFR Tier 2 (64% of 5yr Avg)	488,581	Mixed Gallons		
0023AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	763,643	Mixed Gallons		
0023AD	Daily Rate - Operations (Mandatory Availability Period)	122	Guaranteed Days		
0023AE	Extended Standby	500	Hours		
0023AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 STEAD, NV - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1023AA	LTFR Tier 1 (36% of 5yr Avg)	275,062	Mixed Gallons	(b) (4)	(4)
1023AB	LTFR Tier 2 (64% of 5yr Avg)	488,581	Mixed Gallons		
1023AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	763,643	Mixed Gallons		
1023AD	Daily Rate - Operations (Mandatory Availability Period)	122	Guaranteed Days		
1023AE	Extended Standby	500	Hours		
1023AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X024	TOOELE, UT	BLM REGION 4	JUNE 1 THROUGH SEPTEMBER 15
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 TOOELE, UT - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0024AA	LTFR Tier 1 (36% of 5yr Avg)	86,328	Mixed Gallons	(b) (4)	(4)
0024AB	LTFR Tier 2 (64% of 5yr Avg)	153,340	Mixed Gallons		
0024AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	239,668	Mixed Gallons		
0024AD	Daily Rate - Operations (Mandatory Availability Period)	107	Guaranteed Days		
0024AE	Extended Standby	500	Hours		
0024AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 TOOELE, UT - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1024AA	LTFR Tier 1 (36% of 5yr Avg)	86,328	Mixed Gallons	(b) (4)	(4)
1024AB	LTFR Tier 2 (64% of 5yr Avg)	153,340	Mixed Gallons		
1024AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	239,668	Mixed Gallons		
1024AD	Daily Rate - Operations (Mandatory Availability Period)	107	Guaranteed Days		
1024AE	Extended Standby	500	Hours		
1024AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X025	TWIN FALLS, ID	BLM REGION 4	JUNE 15 THROUGH SEPTEMBER 30
QUALIFIED LTFR PRODUCT NAME: LC95A-R			QUALIFICATION LOT NO: 1051695-C

2024 PRICING MARCH 22 THRU DECEMBER 31 TWIN FALLS, ID - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0025AA	LTFR Tier 1 (36% of 5yr Avg)	288,947	Mixed Gallons	(b) (4)	
0025AB	LTFR Tier 2 (64% of 5yr Avg)	513,243	Mixed Gallons		
0025AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	802,190	Mixed Gallons		
0025AD	Daily Rate - Operations (Mandatory Availability Period)	108	Guaranteed Days		
0025AE	Extended Standby	500	Hours		
0025AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 TWIN FALLS, ID - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1025AA	LTFR Tier 1 (36% of 5yr Avg)	288,947	Mixed Gallons	(b) (4)	
1025AB	LTFR Tier 2 (64% of 5yr Avg)	513,243	Mixed Gallons		
1025AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	802,190	Mixed Gallons		
1025AD	Daily Rate - Operations (Mandatory Availability Period)	108	Guaranteed Days		
1025AE	Extended Standby	500	Hours		
1025AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X026	WELLS, NV	BLM REGION 4	JUNE 18 THROUGH SEPTEMBER 15
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 WELLS, NV - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0026AA	LTFR Tier 1 (36% of 5yr Avg)	81,422	Mixed Gallons	(b) (4)	
0026AB	LTFR Tier 2 (64% of 5yr Avg)	144,626	Mixed Gallons		
0026AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	226,048	Mixed Gallons		
0026AD	Daily Rate - Operations (Mandatory Availability Period)	90	Guaranteed Days		
0026AE	Extended Standby	500	Hours		
0026AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 WELLS, NV - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1026AA	LTFR Tier 1 (36% of 5yr Avg)	81,422	Mixed Gallons	(b) (4)	
1026AB	LTFR Tier 2 (64% of 5yr Avg)	144,626	Mixed Gallons		
1026AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	226,048	Mixed Gallons		
1026AD	Daily Rate - Operations (Mandatory Availability Period)	90	Guaranteed Days		
1026AE	Extended Standby	500	Hours		
1026AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X027	WINNEMUCA, NV	BLM REGION 4	JUNE 1 THROUGH SEPTEMBER 28
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 WINNEMUCA, NV - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0027AA	LTFR Tier 1 (36% of 5yr Avg)	45,379	Mixed Gallons	(b) (4)	(4)
0027AB	LTFR Tier 2 (64% of 5yr Avg)	80,604	Mixed Gallons		
0027AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	125,983	Mixed Gallons		
0027AD	Daily Rate - Operations (Mandatory Availability Period)	120	Guaranteed Days		
0027AE	Extended Standby	500	Hours		
0027AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 WINNEMUCA, NV - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1027AA	LTFR Tier 1 (36% of 5yr Avg)	45,379	Mixed Gallons	(b) (4)	(4)
1027AB	LTFR Tier 2 (64% of 5yr Avg)	80,604	Mixed Gallons		
1027AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	125,983	Mixed Gallons		
1027AD	Daily Rate - Operations (Mandatory Availability Period)	120	Guaranteed Days		
1027AE	Extended Standby	500	Hours		
1027AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X028	CHESTER, CA	USDA, FS REGION 5	JUNE 15 THROUGH OCTOBER 15
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 CHESTER, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0028AA	LTFR Tier 1 (36% of 5yr Avg)	94,803	Mixed Gallons	(b) (4)	(4)
0028AB	LTFR Tier 2 (64% of 5yr Avg)	168,395	Mixed Gallons		
0028AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	263,198	Mixed Gallons		
0028AD	Daily Rate - Operations (Mandatory Availability Period)	123	Guaranteed Days		
0028AE	Extended Standby	500	Hours		
0028AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 CHESTER, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1028AA	LTFR Tier 1 (36% of 5yr Avg)	94,803	Mixed Gallons	(b) (4)	(4)
1028AB	LTFR Tier 2 (64% of 5yr Avg)	168,395	Mixed Gallons		
1028AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	263,198	Mixed Gallons		
1028AD	Daily Rate - Operations (Mandatory Availability Period)	123	Guaranteed Days		
1028AE	Extended Standby	500	Hours		
1028AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X029	FOX FIELD (LANCASTER), CA	USDA, FS, REGION 5	JUNE 1 THOUGH NOVEMBER 30
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 FOX FIELD, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0029AA	LTFR Tier 1 (36% of 5yr Avg)	211,229	Mixed Gallons	(b) (4)	(4)
0029AB	LTFR Tier 2 (64% of 5yr Avg)	375,198	Mixed Gallons		
0029AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	586,427	Mixed Gallons		
0029AD	Daily Rate - Operations (Mandatory Availability Period)	183	Guaranteed Days		
0029AE	Extended Standby	500	Hours		
0029AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 FOX FIELD, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1029AA	LTFR Tier 1 (36% of 5yr Avg)	211,229	Mixed Gallons	(b) (4)	(4)
1029AB	LTFR Tier 2 (64% of 5yr Avg)	375,198	Mixed Gallons		
1029AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	586,427	Mixed Gallons		
1029AD	Daily Rate - Operations (Mandatory Availability Period)	183	Guaranteed Days		
1029AE	Extended Standby	500	Hours		
1029AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X030	FRESNO, CA	USDA, FS REGION 5	MAY 3 THROUGH OCTOBER 31
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 FRESNO, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0030AA	LTFR Tier 1 (36% of 5yr Avg)	239,482	Mixed Gallons	(b) (4)	(4)
0030AB	LTFR Tier 2 (64% of 5yr Avg)	425,382	Mixed Gallons		
0030AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	664,864	Mixed Gallons		
0030AD	Daily Rate - Operations (Mandatory Availability Period)	182	Guaranteed Days		
0030AE	Extended Standby	500	Hours		
0030AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 FRESNO, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1030AA	LTFR Tier 1 (36% of 5yr Avg)	239,482	Mixed Gallons	(b) (4)	(4)
1030AB	LTFR Tier 2 (64% of 5yr Avg)	425,382	Mixed Gallons		
1030AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	664,864	Mixed Gallons		
1030AD	Daily Rate - Operations (Mandatory Availability Period)	182	Guaranteed Days		
1030AE	Extended Standby	500	Hours		
1030AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X031	REDDING, CA	USDA, FS, REGION 5	JUNE 1 THROUGH OCTOBER 31
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 REDDING, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0031AA	LTFR Tier 1 (36% of 5yr Avg)	725,210	Mixed Gallons	(b) (4)	(4)
0031AB	LTFR Tier 2 (64% of 5yr Avg)	1,288,161	Mixed Gallons		
0031AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	2,013,371	Mixed Gallons		
0031AD	Daily Rate - Operations (Mandatory Availability Period)	153	Guaranteed Days		
0031AE	Extended Standby	500	Hours		
0031AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 REDDING, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1031AA	LTFR Tier 1 (36% of 5yr Avg)	725,210	Mixed Gallons	(b) (4)	(4)
1031AB	LTFR Tier 2 (64% of 5yr Avg)	1,288,161	Mixed Gallons		
1031AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	2,013,371	Mixed Gallons		
1031AD	Daily Rate - Operations (Mandatory Availability Period)	153	Guaranteed Days		
1031AE	Extended Standby	500	Hours		
1031AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X032	SAN BERNARDINO, CA	USDA, FS REGION 5	MAY 29 THROUGH NOVEMBER 15
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 SAN BERNARDINO, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0032AA	LTFR Tier 1 (36% of 5yr Avg)	875,505	Mixed Gallons	(b) (4)	(4)
0032AB	LTFR Tier 2 (64% of 5yr Avg)	1,555,122	Mixed Gallons		
0032AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	2,430,627	Mixed Gallons		
0032AD	Daily Rate - Operations (Mandatory Availability Period)	171	Guaranteed Days		
0032AE	Extended Standby	500	Hours		
0032AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 SAN BERNARDINO, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1032AA	LTFR Tier 1 (36% of 5yr Avg)	875,505	Mixed Gallons	(b) (4)	(4)
1032AB	LTFR Tier 2 (64% of 5yr Avg)	1,555,122	Mixed Gallons		
1032AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	2,430,627	Mixed Gallons		
1032AD	Daily Rate - Operations (Mandatory Availability Period)	171	Guaranteed Days		
1032AE	Extended Standby	500	Hours		
1032AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X033	SANTA MARIA, CA	USDA, FS REGION 5	MAY 15 THROUGH NOVEMBER 15
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 SANTA MARIA, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0033AA	LTFR Tier 1 (36% of 5yr Avg)	280,882	Mixed Gallons	(b) (4)	
0033AB	LTFR Tier 2 (64% of 5yr Avg)	498,918	Mixed Gallons		
0033AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	779,800	Mixed Gallons		
0033AD	Daily Rate - Operations (Mandatory Availability Period)	185	Guaranteed Days		
0033AE	Extended Standby	500	Hours		
0033AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 SANTA MARIA, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1033AA	LTFR Tier 1 (36% of 5yr Avg)	280,882	Mixed Gallons	(b) (4)	
1033AB	LTFR Tier 2 (64% of 5yr Avg)	498,918	Mixed Gallons		
1033AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	779,800	Mixed Gallons		
1033AD	Daily Rate - Operations (Mandatory Availability Period)	185	Guaranteed Days		
1033AE	Extended Standby	500	Hours		
1033AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X034	BURNS, OR	BLM REGION 6	JUNE 12 THROUGH SEPTEMBER 30
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 BURNS, OR - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0034AA	LTFR Tier 1 (36% of 5yr Avg)	50,446	Mixed Gallons	(b) (4)	(4)
0034AB	LTFR Tier 2 (64% of 5yr Avg)	89,605	Mixed Gallons		
0034AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	140,051	Mixed Gallons		
0034AD	Daily Rate - Operations (Mandatory Availability Period)	111	Guaranteed Days		
0034AE	Extended Standby	500	Hours		
0034AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 BURNS, OR - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1034AA	LTFR Tier 1 (36% of 5yr Avg)	50,446	Mixed Gallons	(b) (4)	(4)
1034AB	LTFR Tier 2 (64% of 5yr Avg)	89,605	Mixed Gallons		
1034AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	140,051	Mixed Gallons		
1034AD	Daily Rate - Operations (Mandatory Availability Period)	111	Guaranteed Days		
1034AE	Extended Standby	500	Hours		
1034AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X035	KLAMATH FALLS, OR	USDA FS REGION 6	JUNE 1 THROUGH OCTOBER 15
QUALIFIED LTFR PRODUCT NAME: LC95A-Fx			QUALIFICATION LOT NO: 0381045-B

2024 PRICING MARCH 22 THRU DECEMBER 31 KLAMATH FALLS, OR - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0035AA	LTFR Tier 1 (36% of 5yr Avg)	164,312	Mixed Gallons	(b) (4)	(4)
0035AB	LTFR Tier 2 (64% of 5yr Avg)	291,860	Mixed Gallons		
0035AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	456,172	Mixed Gallons		
0035AD	Daily Rate - Operations (Mandatory Availability Period)	137	Guaranteed Days		
0035AE	Extended Standby	500	Hours		
0035AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 KLAMATH FALLS, OR - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1035AA	LTFR Tier 1 (36% of 5yr Avg)	164,312	Mixed Gallons	(b) (4)	(4)
1035AB	LTFR Tier 2 (64% of 5yr Avg)	291,860	Mixed Gallons		
1035AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	456,172	Mixed Gallons		
1035AD	Daily Rate - Operations (Mandatory Availability Period)	137	Guaranteed Days		
1035AE	Extended Standby	500	Hours		
1035AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X036	LAKEVIEW, OR	BLM REGION 6	JUNE 1 THROUGH SEPTEMBER 30
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 LAKEVIEW, OR - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0036AA	LTFR Tier 1 (36% of 5yr Avg)	49,112	Mixed Gallons	(b) (4)	(4)
0036AB	LTFR Tier 2 (64% of 5yr Avg)	87,236	Mixed Gallons		
0036AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	136,348	Mixed Gallons		
0036AD	Daily Rate - Operations (Mandatory Availability Period)	122	Guaranteed Days		
0036AE	Extended Standby	500	Hours		
0036AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 LAKEVIEW, OR - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1036AA	LTFR Tier 1 (36% of 5yr Avg)	49,112	Mixed Gallons	(b) (4)	(4)
1036AB	LTFR Tier 2 (64% of 5yr Avg)	87,236	Mixed Gallons		
1036AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	136,348	Mixed Gallons		
1036AD	Daily Rate - Operations (Mandatory Availability Period)	122	Guaranteed Days		
1036AE	Extended Standby	500	Hours		
1036AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
0X037	MEDFORD, OR	USDA, FS REGION 6	JUNE 1 THROUGH OCTOBER 15
QUALIFIED LTFR PRODUCT NAME: LC95A-Fx			QUALIFICATION LOT NO: 0381045-B

2024 PRICING MARCH 22 THRU DECEMBER 31 MEDFORD, OR - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0037AA	LTFR Tier 1 (36% of 5yr Avg)	315,557	Mixed Gallons	(b) (4)	
0037AB	LTFR Tier 2 (64% of 5yr Avg)	560,511	Mixed Gallons		
0037AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	876,068	Mixed Gallons		
0037AD	Daily Rate - Operations (Mandatory Availability Period)	137	Guaranteed Days		
0037AE	Extended Standby	500	Hours		
0037AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 MEDFORD, OR - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1037AA	LTFR Tier 1 (36% of 5yr Avg)	315,557	Mixed Gallons	(b) (4)	
1037AB	LTFR Tier 2 (64% of 5yr Avg)	560,511	Mixed Gallons		
1037AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	876,068	Mixed Gallons		
1037AD	Daily Rate - Operations (Mandatory Availability Period)	137	Guaranteed Days		
1037AE	Extended Standby	500	Hours		
1037AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X038	MOSES LAKE, WA	USDA, FS REGION 6	MAY 1 THROUGH OCTOBER 15
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 MOSES LAKE, OR - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0038AA	LTFR Tier 1 (36% of 5yr Avg)	488,651	Mixed Gallons	(b) (4)	(4)
0038AB	LTFR Tier 2 (64% of 5yr Avg)	867,969	Mixed Gallons		
0038AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	1,356,620	Mixed Gallons		
0038AD	Daily Rate - Operations (Mandatory Availability Period)	168	Guaranteed Days		
0038AE	Extended Standby	500	Hours		
0038AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 MOSES LAKE, OR - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1038AA	LTFR Tier 1 (36% of 5yr Avg)	488,651	Mixed Gallons	(b) (4)	(4)
1038AB	LTFR Tier 2 (64% of 5yr Avg)	867,969	Mixed Gallons		
1038AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	1,356,620	Mixed Gallons		
1038AD	Daily Rate - Operations (Mandatory Availability Period)	168	Guaranteed Days		
1038AE	Extended Standby	500	Hours		
1038AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X039	ONTARIO, OR	BLM REGION 6	JUNE 12 THROUGH SEPTEMBER 30
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 ONTARIO, OR - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0039AA	LTFR Tier 1 (36% of 5yr Avg)	58,195	Mixed Gallons	(b) (4)	(4)
0039AB	LTFR Tier 2 (64% of 5yr Avg)	103,368	Mixed Gallons		
0039AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	161,563	Mixed Gallons		
0039AD	Daily Rate - Operations (Mandatory Availability Period)	111	Guaranteed Days		
0039AE	Extended Standby	500	Hours		
0039AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 ONTARIO, OR - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1039AA	LTFR Tier 1 (36% of 5yr Avg)	58,195	Mixed Gallons	(b) (4)	(4)
1039AB	LTFR Tier 2 (64% of 5yr Avg)	103,368	Mixed Gallons		
1039AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	161,563	Mixed Gallons		
1039AD	Daily Rate - Operations (Mandatory Availability Period)	111	Guaranteed Days		
1039AE	Extended Standby	500	Hours		
1039AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X040	REDMOND, OR	USDA, FS REGION 6	JUNE 1 THROUGH OCTOBER 15
QUALIFIED LTFR PRODUCT NAME: LC95A-Fx			QUALIFICATION LOT NO: 0381045-B

2024 PRICING MARCH 22 THRU DECEMBER 31 REDMOND, OR - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0040AA	LTFR Tier 1 (36% of 5yr Avg)	315,150	Mixed Gallons	(b) (4)	(4)
0040AB	LTFR Tier 2 (64% of 5yr Avg)	559,787	Mixed Gallons		
0040AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	874,937	Mixed Gallons		
0040AD	Daily Rate - Operations (Mandatory Availability Period)	137	Guaranteed Days		
0040AE	Extended Standby	500	Hours		
0040AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 REDMOND, OR - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1040AA	LTFR Tier 1 (36% of 5yr Avg)	315,150	Mixed Gallons	(b) (4)	(4)
1040AB	LTFR Tier 2 (64% of 5yr Avg)	559,787	Mixed Gallons		
1040AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	874,937	Mixed Gallons		
1040AD	Daily Rate - Operations (Mandatory Availability Period)	137	Guaranteed Days		
1040AE	Extended Standby	500	Hours		
1040AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X041	CASPER, WY	BLM REGION 2	JUNE 16 THROUGH SEPTEMBER 14
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 CASPER, WY - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0041AA	LTFR Tier 1 (36% of 5yr Avg)	36,706	Mixed Gallons	(b) (4)	(4)
0041AB	LTFR Tier 2 (64% of 5yr Avg)	65,199	Mixed Gallons		
0041AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	101,905	Mixed Gallons		
0041AD	Daily Rate - Operations (Mandatory Availability Period)	91	Guaranteed Days		
0041AE	Extended Standby	500	Hours		
0041AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 CASPER, WY - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1041AA	LTFR Tier 1 (36% of 5yr Avg)	36,706	Mixed Gallons	(b) (4)	(4)
1041AB	LTFR Tier 2 (64% of 5yr Avg)	65,199	Mixed Gallons		
1041AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	101,905	Mixed Gallons		
1041AD	Daily Rate - Operations (Mandatory Availability Period)	91	Guaranteed Days		
1041AE	Extended Standby	500	Hours		
1041AF	Pre-, Post- & Optional-Delivery (Minimum 3 days Guaranteed)	0	Days		
				TOTAL ESTIMATED COST 2025	

B-6 TYPE B (BULK) ATBS PRICING

Type B (Bulk) ATB Contract Line Item Number (CLIN) Pricing

Offeror to provide ATB CLIN pricing below utilizing fully qualified aerial LTFR product (include LTFR product Qualification Lot Number). Please include separate sheets for each ATB where Offeror provides alternative LTFR product supply for consideration. Tier 1 and Tier 2 unit prices are provided from the LTFR product Mixed Gallon pricing found in Calendar Year 2024 & 2025 Qualified Aerial LTFR Product(s) Pricing Table in Section B-3. Tier 1 represents 36% of annual supply and Tier 2 represents the remaining 64% of annual supply based on the most recent 5-year average at each ATB. Flowage Rate (if applicable) represents the direct and indirect cost of maintenance calculated on mixed gallons flowed through the ATB in the Offeror's supplied equipment.

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X051	COEUR D'ALENE, ID	USDA, FS REGION 1	N/A
QUALIFIED LTFR PRODUCT NAME: LC95A-Fx			QUALIFICATION LOT NO: 0381045-B

2024 PRICING MARCH 22 THRU DECEMBER 31 COEUR D'ALENE, ID - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0051AA	LTFR Tier 1 (36% of 5yr Avg)	221,151	Mixed Gallons	(b) (4)	(4)
0051AB	LTFR Tier 2 (64% of 5yr Avg)	392,822	Mixed Gallons		
0051AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	613,973	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 COEUR D'ALENE, ID - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1051AA	LTFR Tier 1 (36% of 5yr Avg)	221,151	Mixed Gallons	(b) (4)	(4)
1051AB	LTFR Tier 2 (64% of 5yr Avg)	392,822	Mixed Gallons		
1051AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	613,973	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X052	GRANGEVILLE, ID	USDA, FS REGION 1	N/A
QUALIFIED LTFR PRODUCT NAME: LC95A-Fx			QUALIFICATION LOT NO: 0381045-B

2024 PRICING MARCH 22 THRU DECEMBER 31 GRANGEVILLE, ID - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0052AA	LTFR Tier 1 (36% of 5yr Avg)	52,781	Mixed Gallons	(b) (4)	(4)
0052AB	LTFR Tier 2 (64% of 5yr Avg)	93,752	Mixed Gallons		
0052AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	146,533	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 GRANGEVILLE, ID - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1052AA	LTFR Tier 1 (36% of 5yr Avg)	52,781	Mixed Gallons	(b) (4)	(4)
1052AB	LTFR Tier 2 (64% of 5yr Avg)	93,752	Mixed Gallons		
1052AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	146,533	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X053	MISSOULA, MT	USDA, FS REGION 1	N/A
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 MISSOULA, MT - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0053AA	LTFR Tier 1 (36% of 5yr Avg)	179,817	Mixed Gallons	(b) (4)	(4)
0053AB	LTFR Tier 2 (64% of 5yr Avg)	319,400	Mixed Gallons		
0053AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	499,217	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 MISSOULA, MT - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1053AA	LTFR Tier 1 (36% of 5yr Avg)	179,817	Mixed Gallons	(b) (4)	(4)
1053AB	LTFR Tier 2 (64% of 5yr Avg)	319,400	Mixed Gallons		
1053AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	499,217	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

CLIN X054 - RESERVED

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X055	JEFFCO, CO	USDA, FS REGION 2	N/A
QUALIFIED LTFR PRODUCT NAME: LC95A-Fx			QUALIFICATION LOT NO: 0381045-B

2024 PRICING MARCH 22 THRU DECEMBER 31 JEFFCO, CO - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0055AA	LTFR Tier 1 (36% of 5yr Avg)	219,057	Mixed Gallons	(b) (4)	(4)
0055AB	LTFR Tier 2 (64% of 5yr Avg)	389,103	Mixed Gallons		
0055AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	608,160	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 JEFFCO, CO - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1055AA	LTFR Tier 1 (36% of 5yr Avg)	219,057	Mixed Gallons	(b) (4)	(4)
1055AB	LTFR Tier 2 (64% of 5yr Avg)	389,103	Mixed Gallons		
1055AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	608,160	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

CLIN X056 - RESERVED

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X057	RIFLE, CO	BLM REGION 2	N/A
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 RIFLE, CO - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0057AA	LTFR Tier 1 (36% of 5yr Avg)	43,674	Mixed Gallons	(b) (4)	(4)
0057AB	LTFR Tier 2 (64% of 5yr Avg)	77,576	Mixed Gallons		
0057AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	121,250	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 RIFLE, CO - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1057AA	LTFR Tier 1 (36% of 5yr Avg)	43,674	Mixed Gallons	(b) (4)	(4)
1057AB	LTFR Tier 2 (64% of 5yr Avg)	77,576	Mixed Gallons		
1057AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	121,250	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X058	ROCK SPRINGS, WY	BLM REGION 2	N/A
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 ROCK SPRINGS, WY - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0058AA	LTFR Tier 1 (36% of 5yr Avg)	12,607	Mixed Gallons	(b) (4)	(4)
0058AB	LTFR Tier 2 (64% of 5yr Avg)	22,393	Mixed Gallons		
0058AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	35,000	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 ROCK SPRINGS, WY - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1058AA	LTFR Tier 1 (36% of 5yr Avg)	12,607	Mixed Gallons	(b) (4)	(4)
1058AB	LTFR Tier 2 (64% of 5yr Avg)	22,393	Mixed Gallons		
1058AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	35,000	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X059	WORLAND, WY	BLM REGION 2	N/A
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 WORLAND, WY - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0059AA	LTFR Tier 1 (36% of 5yr Avg)	12,607	Mixed Gallons	(b) (4)	(4)
0059AB	LTFR Tier 2 (64% of 5yr Avg)	22,393	Mixed Gallons		
0059AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	35,000	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 WORLAND, WY - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1059AA	LTFR Tier 1 (36% of 5yr Avg)	12,607	Mixed Gallons	(b) (4)	(4)
1059AB	LTFR Tier 2 (64% of 5yr Avg)	22,393	Mixed Gallons		
1059AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	35,000	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X060	ALAMOGORDO, NM	USDA, FS REGION 3	N/A
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 ALAMOGORDO, NM - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0060AA	LTFR Tier 1 (36% of 5yr Avg)	76,586	Mixed Gallons	(b) (4)	(4)
0060AB	LTFR Tier 2 (64% of 5yr Avg)	136,036	Mixed Gallons		
0060AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	212,622	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 ALAMOGORDO, NM - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1060AA	LTFR Tier 1 (36% of 5yr Avg)	76,586	Mixed Gallons	(b) (4)	(4)
1060AB	LTFR Tier 2 (64% of 5yr Avg)	136,036	Mixed Gallons		
1060AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	212,622	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X061	SHOW LOW, AZ	BIA REGION 3	N/A
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 SHOW LOW, AZ - BIA					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0061AA	LTFR Tier 1 (36% of 5yr Avg)	9,883	Mixed Gallons	(b) (4)	(4)
0061AB	LTFR Tier 2 (64% of 5yr Avg)	17,554	Mixed Gallons		
0061AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	27,437	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 SHOW LOW, AZ - BIA					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1061AA	LTFR Tier 1 (36% of 5yr Avg)	9,883	Mixed Gallons	(b) (4)	(4)
1061AB	LTFR Tier 2 (64% of 5yr Avg)	17,554	Mixed Gallons		
1061AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	27,437	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X062	SILVER CITY, NM	USDA, FS REGION 3	N/A
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 SILVER CITY, NM - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0062AA	LTFR Tier 1 (36% of 5yr Avg)	78,589	Mixed Gallons	(b) (4)	(4)
0062AB	LTFR Tier 2 (64% of 5yr Avg)	139,595	Mixed Gallons		
0062AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	218,184	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 SILVER CITY, NM - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1062AA	LTFR Tier 1 (36% of 5yr Avg)	78,589	Mixed Gallons	(b) (4)	(4)
1062AB	LTFR Tier 2 (64% of 5yr Avg)	139,595	Mixed Gallons		
1062AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	218,184	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X063	FILMORE, UT	BLM REGION 4	N/A
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 FILMORE, UT - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0063AA	LTFR Tier 1 (36% of 5yr Avg)	36,970	Mixed Gallons	(b) (4)	(4)
0063AB	LTFR Tier 2 (64% of 5yr Avg)	65,668	Mixed Gallons		
0063AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	102,638	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 FILMORE, UT - BLM					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1063AA	LTFR Tier 1 (36% of 5yr Avg)	36,970	Mixed Gallons	(b) (4)	(4)
1063AB	LTFR Tier 2 (64% of 5yr Avg)	65,668	Mixed Gallons		
1063AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	102,638	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X064	BISHOP, CA	USDA, FS REGION 5	N/A
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 BISHOP, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0064AA	LTFR Tier 1 (36% of 5yr Avg)	12,607	Mixed Gallons	(b)	(4)
0064AB	LTFR Tier 2 (64% of 5yr Avg)	22,393	Mixed Gallons		
0064AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	35,000	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 BISHOP, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1064AA	LTFR Tier 1 (36% of 5yr Avg)	12,607	Mixed Gallons	(b)	(4)
1064AB	LTFR Tier 2 (64% of 5yr Avg)	22,393	Mixed Gallons		
1064AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	35,000	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X065	MONTAGUE, CA	USDA, FS REGION 5	N/A
QUALIFIED LTFR PRODUCT NAME: LCE20-Fx			QUALIFICATION LOT NO: 0502-05A

2024 PRICING MARCH 22 THRU DECEMBER 31 MONTAGUE, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0065AA	LTFR Tier 1 (36% of 5yr Avg)	16,820	Mixed Gallons	(b) (4)	(4)
0065AB	LTFR Tier 2 (64% of 5yr Avg)	29,877	Mixed Gallons		
0065AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	46,697	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 MONTAGUE, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1065AA	LTFR Tier 1 (36% of 5yr Avg)	16,820	Mixed Gallons	(b) (4)	(4)
1065AB	LTFR Tier 2 (64% of 5yr Avg)	29,877	Mixed Gallons		
1065AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	46,697	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X066	PORTERVILLE, CA	USDA, FS REGION 5	N/A
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 PORTERVILLE, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0066AA	LTFR Tier 1 (36% of 5yr Avg)	288,787	Mixed Gallons	(b) (4)	(4)
0066AB	LTFR Tier 2 (64% of 5yr Avg)	512,961	Mixed Gallons		
0066AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	801,748	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 PORTERVILLE, CA - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1066AA	LTFR Tier 1 (36% of 5yr Avg)	288,787	Mixed Gallons	(b) (4)	(4)
1066AB	LTFR Tier 2 (64% of 5yr Avg)	512,961	Mixed Gallons		
1066AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	801,748	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X067	LA GRANDE, OR	USDA, FS REGION 6	N/A
QUALIFIED LTFR PRODUCT NAME: LC95A-Fx			QUALIFICATION LOT NO: 0381045-B

2024 PRICING MARCH 22 THRU DECEMBER 31 LAGRANDE, OR - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0067AA	LTFR Tier 1 (36% of 5yr Avg)	142,240	Mixed Gallons	(b) (4)	(4)
0067AB	LTFR Tier 2 (64% of 5yr Avg)	252,655	Mixed Gallons		
0067AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	394,895	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 LAGRANDE, OR - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1067AA	LTFR Tier 1 (36% of 5yr Avg)	142,240	Mixed Gallons	(b) (4)	(4)
1067AB	LTFR Tier 2 (64% of 5yr Avg)	252,655	Mixed Gallons		
1067AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	394,895	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X068	MEDFORD, OR	USDA, FS REGION 6	N/A
QUALIFIED LTFR PRODUCT NAME: LC95A-Fx			QUALIFICATION LOT NO: 0381045-B

2024 PRICING MARCH 22 THRU DECEMBER 31 MEDFORD, OR - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0068AA	LTFR Tier 1 (36% of 5yr Avg)	144,079	Mixed Gallons	(b) (4)	(4)
0068AB	LTFR Tier 2 (64% of 5yr Avg)	255,921	Mixed Gallons		
0068AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	400,000	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 MEDFORD, OR - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1068AA	LTFR Tier 1 (36% of 5yr Avg)	144,079	Mixed Gallons	(b) (4)	(4)
1068AB	LTFR Tier 2 (64% of 5yr Avg)	255,921	Mixed Gallons		
1068AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	400,000	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X069	OMAK, WA	BIA REGION 6	N/A
QUALIFIED LTFR PRODUCT NAME: LC95A-Fx			QUALIFICATION LOT NO: 0381045-B

2024 PRICING MARCH 22 THRU DECEMBER 31 OMAK, WA - BIA					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0069AA	LTFR Tier 1 (36% of 5yr Avg)	12,607	Mixed Gallons	(b) (4)	(4)
0069AB	LTFR Tier 2 (64% of 5yr Avg)	22,393	Mixed Gallons		
0069AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	35,000	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 OMAK, WA - BIA					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1069AA	LTFR Tier 1 (36% of 5yr Avg)	12,607	Mixed Gallons	(b) (4)	(4)
1069AB	LTFR Tier 2 (64% of 5yr Avg)	22,393	Mixed Gallons		
1069AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	35,000	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X070	CHATTANOOGA, TN	USDA, FS REGION 8	N/A
QUALIFIED LTFR PRODUCT NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 CHATTANOOGA, TN - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0070AA	LTFR Tier 1 (36% of 5yr Avg)	496	Mixed Gallons	(b) (4)	(4)
0070AB	LTFR Tier 2 (64% of 5yr Avg)	882	Mixed Gallons		
0070AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	1,378	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 CHATTANOOGA, TN - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1070AA	LTFR Tier 1 (36% of 5yr Avg)	496	Mixed Gallons	(b) (4)	(4)
1070AB	LTFR Tier 2 (64% of 5yr Avg)	882	Mixed Gallons		
1070AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	1,378	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

CLIN X071 - RESERVED

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X072	LAKE CITY, FL	USDA, FS REGION 8	N/A
NAME: MVP-Fx			QUALIFICATION LOT NO: 0403014-A/B

2024 PRICING MARCH 22 THRU DECEMBER 31 LAKE CITY, FL - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0072AA	LTFR Tier 1 (36% of 5yr Avg)	72,109	Mixed Gallons	(b) (4)	(4)
0072AB	LTFR Tier 2 (64% of 5yr Avg)	128,085	Mixed Gallons		
0072AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	200,194	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 LAKE CITY, FL - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1072AA	LTFR Tier 1 (36% of 5yr Avg)	72,109	Mixed Gallons	(b) (4)	(4)
1072AB	LTFR Tier 2 (64% of 5yr Avg)	128,085	Mixed Gallons		
1072AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	200,194	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

ITEM #	ATB	AGENCY	MANDATORY AVAILABILITY PERIOD
X073	ELY, MN	USDA FS Region 9	N/A
QUALIFIED LTFR PRODUCT NAME: LC95A-Fx			QUALIFICATION LOT NO: 0381045-B

2024 PRICING MARCH 22 THRU DECEMBER 31 ELY, MN - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
0073AA	LTFR Tier 1 (36% of 5yr Avg)	12,607	Mixed Gallons	(b) (4)	(4)
0073AB	LTFR Tier 2 (64% of 5yr Avg)	22,393	Mixed Gallons		
0073AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	35,000	Mixed Gallons		
				TOTAL ESTIMATED COST 2024	

2025 PRICING JANUARY 1 THRU DECEMBER 31 ELY, MN - FS					
CLIN	PRICING CATEGORY	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1073AA	LTFR Tier 1 (36% of 5yr Avg)	12,607	Mixed Gallons	(b) (4)	(4)
1073AB	LTFR Tier 2 (64% of 5yr Avg)	22,393	Mixed Gallons		
1073AC	Flowage Rate (All Mixed Gallons of 5yr Avg)	35,000	Mixed Gallons		
				TOTAL ESTIMATED COST 2025	

SECTION C – CONTRACT CLAUSES/SCOPE OF CONTRACT

C-1 SCOPE OF CONTRACT

(a) This solicitation/contract provides for the supply requirement of fully qualified aerial Long-Term Fire Retardant (LTFR) and associated services to the United States Department of Agriculture (USDA) Forest Service (FS), Department of the Interior (DOI) (Bureau of Land Management (BLM), Bureau of Indian Affairs (BIA)) and may be used by other Government agencies with interagency agreements with any of the above. The resultant contract is a fixed-price, indefinite-delivery indefinite-quantity (IDIQ) type contract for supply of aerial LTFR products and ancillary services as needed for the designated Airtanker Bases (ATB) listed in the Schedule of Items (see Section B – Schedule of Items). Section C – Contract Clauses/Scope of Contract (below), Section D – Exhibit D-1 – LTFR Specifications and Exhibit D-2 – Facilities, Government and Contractor Equipment. provide information about the requirements and specific details for supply and performance on this effort.

(b) The aerial LTFR products to be furnished shall be fully qualified 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, 5100-304d (or latest revision) with amendments. This list can be found at Section D – Exhibit D-6 – QPL Long-Term Fire Retardant or at <https://www.fs.usda.gov/rm/fire/wfcs/long-term-fire-retardants.php>. The aerial LTFR product to be furnished shall be identical to the qualified lot number identified in the Schedule of Items found in Section B. A single lot number shall be provided for each product.

(c) The ancillary services required for the supply of the aerial LTFR products must support the unique conditions at each ATB, as mentioned above in paragraph (a) above, for the supply and shipping of LTFR products, equipment and labor (except Government furnished) necessary to handle, mix, store, recirculate, load, offload, and load with water into Government contracted aircraft, as directed by the Government, for use in suppression of wildland fires. The supplying of aerial LTFR products into the aircraft must include all equipment (except Government furnished), labor (except Government furnished), and materials necessary (except for Government furnished) for the safe and efficient handling of the LTFR products. The Contractor furnished labor and equipment must be sufficient to meet requirements specified.

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

(e) As identified in Exhibit D-1 - LTFR Specifications and SOW for Ancillary Services, paragraph 4.2 (d), costs associated with Contractor responsible clean-up will be the responsibility of the Contractor. There may be instances where the Contractor may be required to assist the agency with cleanup not caused by Contractor. In these instances, the cost will be the responsibility of agency and must be negotiated and mutually agreed upon separately under CLIN 0111 and CLIN 0113, if necessary, found in Section B-4.

(f) All products are allowed a certain amount of degradation over time. If an aerial LTFR product for some reason is deemed unusable and out of specification after this consideration, the Fire Chemicals Branch Chief and National Technology and Development Program (NTDP) will discuss allowable specification adjustments with Contractor in coordination with the Contracting Officer (CO). If aerial LTFR 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 Fire Chemicals Branch Chief, NTDP, Airtanker Base Manager (ATBM), CO, or Contracting Officer Representative (COR) within 30 days of identification.

(g) Only aerial LTFR products that appear on the QPL shall be considered for substitution:

- (1) Substitution of a different approved qualification lot number within a single LTFR product trade name must be approved in writing in advance by the CO.
- (2) Dis-similar approved LTFR products may also be requested for substitution.
- (3) Conditionally-approved LTFR products may be requested for substitution of a fully approved product.
- (4) Requests for a proposed substitution shall be submitted in writing to the CO 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. The new LTFR product shall be provided at an equal or lower cost to the Government.
- (5) After the award of a contract for a specific aerial LTFR product at a designated ATB, a change in product type, once approved by the Government and mutually agreed upon by the Contractor, 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 the Contractor provide technical assistance to base personnel for establishing operations to include training on handling, storing, recirculation, mixing and loading the LTFR product.

C-2 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):

Federal Acquisition Regulation (FAR) Clauses: <https://www.acquisition.gov/browse/index/far>
(FAR clauses begin with 52)

Department of Agriculture Acquisition Regulation (AGAR) Clauses:

<https://www.acquisition.gov/agar> (AGAR clauses begin with 452)

FAR and AGAR Deviations to clauses may be viewed at: [Policies & Regulations | USDA](#)

52.203-3 - Gratuities (APR 1984)

52.204-4 - Printed or Copied Double-Sided on Postconsumer Fiber Content Paper (MAY 2011)

52.204-13 - System for Award Management Maintenance (OCT 2018)

52.204-18 - Commercial and Government Entity Code Maintenance (AUG 2020)

52.212-4 - Contract Terms and Conditions – Commercial Product and Commercial Services (DEC 2022) (DEVIATION 2017-1)

(r) *Compliance with laws unique to Government contracts.* The Contractor agrees to comply with 31 U.S.C. 1352 relating to limitations on the use of appropriated funds to influence certain Federal contracts; 18 U.S.C. 431 relating to officials not to benefit; 40 U.S.C. chapter 37, Contract Work Hours and Safety Standards; 41 U.S.C. chapter 87, Kickbacks; 41 U.S.C. 4712 and 10 U.S.C. **2409 (DEVIATION 2017-1)** relating to whistleblower protections; 49 U.S.C. 40118, Fly American; and 41 U.S.C. chapter 21 relating to procurement integrity.

Addenda to 52-212-4

(a) Inspection/Acceptance

(1) Type A (Full Service) ATBs with mixed aerial LTFR product:

- (i) The Government shall inspect the mixed aerial LTFR product for compliance with the specifications for mixed product as specified in Lot Acceptance and Quality Assurance (LAQA) see Section D – Exhibit D-1 - LTFR Specifications.
- (ii) The delivery destination of the mixed aerial LTFR product 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.

(2) Type B (Bulk) ATBs with non-mixed aerial LTFR product:

- (i) The Government shall inspect the non-mixed aerial LTFR product for compliance with the specifications for non-mixed product as specified in Lot Acceptance and Quality Assurance (LAQA) see Section D – Exhibit D-1 – LTFR Specifications.
- (ii) The delivery destination of the non-mixed aerial LTFR product is the designated storage location at the designated ATB. Acceptance of the non-mixed product takes place when the product arrives at destination and acceptance of supplies will occur at the time of Government acknowledgement of receipt of the supplies at the point of destination.

(h) Payment

(1) Type A (Full Service) ATBs

- (i) Payment will be made at the applicable price in Section B, Schedule of Items. Unit prices for corresponding aerial LTFR product tier pricing will be applied until the gallons of retardant delivered exceeds that performance tier, at which time the next tier pricing will apply. In the event the LTFR product type is changed, the current gallons of performance attained at the ATB will be continued across all LTFR products. LTFR product performance tiers will be zeroed and start over for the start of each Period of Performance (typically each calendar year). Flowage Rate, Daily Rate – Operations and Extended Standby payments will be calculated, and payment will be made using performance information documented on Exhibit D-5 Cumulative Retardant Use/Payment Summary.
- (ii) When LTFR salt content falls outside the acceptable range (see Section D – Exhibit D-7 – Long-Term Fire Retardant Characteristics and Mix Factors, and Publication NFES 1245, "Lot Acceptance, Quality Assurance, and Field Quality

Control for Fire Retardant Chemicals") an appropriate payment deduction may be made by the CO.

(iii) Daily Availability Payment Reduction will be reduced by 1/10 the rate for each hour, or portion thereof that the ATB is not capable of loading aircraft when the ATBM has requested filling of an aircraft. Deductions must be accounted for in the invoice for the period the deduction was taken.

(iv) Extended Standby. The Contractor will be paid at an hourly rate (rounded to the next full hour) specified in Schedule B-5 for Type A ATBs, for each authorized crew member whenever the Agency requires ready delivery status in excess of the applicable normal working day hours (See Exhibit D-1 – LTFR Specifications - 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.

(v) Call-Up Outside Mandatory Availability Period. When required to be in Ready Delivery Status during the 60 day Pre-, Post-, or Optional-Delivery periods (see Exhibit D-1), a minimum of 3 days call-up is guaranteed and payment will be at the specified Pre-, Post- & Operational-Delivery rate for the specific type of ATB (SEAT/LAT or VLAT), in Section B – Schedule of Items. The date and time needed will be mutually agreed upon between Government and Contractor, prior to activation. When service is ordered outside of the Mandatory Availability Period and there is a break in service, the Government may 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 LTFR products into the aircraft. Such costs may include, but are not limited to, airline or bus fares, small aircraft usage and vehicle mileage. Invoices for reimbursement shall be supported by itemized invoices and shall be submitted to the CO for approval.

(vi) The USDA FS Cumulative Retardant Use/Payment Summary shall be used for payment processing (See Section D – Exhibit D-5). The Daily Retardant Use Record and/or Retardant Inventory/Use Worksheet (See Section D – Exhibit D-3 or D-4) shall support each payment summary.

(vii) Invoices shall be submitted to the Government twice during a month of performance. Each invoicing period shall be the 1st to the 15th or the 16th to the end of the month in the corresponding month of performance.

(viii) Payment Procedures:

(A) USDA FS:

(1) Government ATBM or COR must verify and sign-off all supplies, services and miscellaneous services were received by the Government in coordination with the Contractor's representative on the appropriate Daily Retardant Use Record and/or Retardant Inventory/Use Worksheet and/or Cumulative Retardant Use/Payment Summary (See Section D – Exhibits D-3, D-4 and D-5). All additional supporting information must be

included in a complete package the Contractor will utilize to create their invoice.

(2) The Contractor shall email a complete invoice package including all supporting documentation to the USDA FS Incident Procurement Administration (IPA) group at the following email address - SM.FS.IPM@usda.gov.

(B) BLM:

(1) Government ATBM or COR must verify and sign-off all supplies, services and miscellaneous services were received by the Government in coordination with the Contractor's representative on the appropriate Daily Retardant Use Record and/or Retardant Inventory/Use Worksheet and/or Cumulative Retardant Use/Payment Summary (See Section D – Exhibits D-3, D-4 and D-5). All additional supporting information must be included in a complete package the Contractor will utilize to create their invoice.

(2) 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).

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

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

(b) "Payment request" means any request for agreement 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>.

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

Vendor's Itemized Invoice

(d) 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 SAM) 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.

(e) 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) Other Agencies: All other agencies should follow their established payment procedures.

(ix) No payment shall be made under this contract for supplies or services not shown and priced in Section B - Schedule of Items.

(2) Type B (Bulk) ATBs

(i) Payment for LTFR products will be:

(A) Payment will be made at the applicable price in Section B, Schedule of Items. Unit prices for corresponding aerial LTFR product tier pricing will be applied until the gallons of retardant delivered exceeds that performance tier. In the event the LTFR product type is changed, the current gallons of performance attained at the ATB will be continued across all LTFR products. LTFR product performance tiers will be zeroed and start over for the start of each Period of Performance (typically each calendar year). Flowage Rate (if applicable) will be calculated, and payment will be made using performance information documented on Exhibit D-5 Cumulative Retardant Use/Payment Summary.

(B) Transportation costs as cost reimbursable. Cost must be allowable, reasonable and allocable in accordance with FAR Part 31.

(ii) When LTFR salt content falls outside the acceptable range (see Section D – Exhibit D-7 Long-Term Fire Retardant Characteristics and Mix Factors, and Publication NFES 1245, "Lot Acceptance, Quality Assurance, and Field Quality Control for Fire Retardant Chemicals") an appropriate payment deduction may be made by the CO.

(iii) Invoices shall be submitted to the Government about the first day and sixteenth day of each month.

(iv) Payment Procedures:

(A) USDA FS:

(1) Government ATBM or COR must verify and sign-off all supplies, services and miscellaneous services were received by the Government in coordination with the Contractor's

representative on the appropriate Daily Retardant Use Record and/or Retardant Inventory/Use Worksheet and/or Cumulative Retardant Use/Payment Summary (See Section D – Exhibits D-3, D-4 and D-5). All additional supporting information must be included in a complete package the Contractor will utilize to create their invoice.

(2) The Contractor shall email a complete invoice package including all supporting documentation to the USDA FS Incident Procurement Modernization group at the following email address - SM.FS.IPM@usda.gov.

(B) BLM:

(1) Government ATBM or COR must verify and sign-off all supplies, services and miscellaneous services were received by the Government in coordination with the Contractor's representative on the appropriate Daily Retardant Use Record and/or Retardant Inventory/Use Worksheet and/or Cumulative Retardant Use/Payment Summary (See Section D – Exhibits D-3, D-4 and D-5). All additional supporting information must be included in a complete package the Contractor will utilize to create their invoice.

(2) 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).

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

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

(b) "Payment request" means any request for agreement 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>.

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

Vendor's Itemized Invoice

(d) 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 SAM) 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.

(e) 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) Other Agencies: All other agencies should follow their established payment procedures.

(vi) No payment shall be made under this contract for supplies or services not shown and priced in Section B - Schedule of Items.

(m) Termination for Cause

Failure to Perform

(1) 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.

(2) 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.

(3) 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.

(n) Title

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.

52.228-5 - Insurance - Work on a Government Installation (JAN 1997)

52.245-1 - Government Property (APR 2012)

Addenda to 52-245-1

The Government will provide Government furnished property to the Contractor at the bases and as listed in Section D – Exhibit D-2 - Facilities, Government, and Contractor Equipment. 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 Section D.

52.245-9 - Use and Charges (APR 2012)

C-3 52.209-1 – QUALIFICATION REQUIREMENTS (FEB 1995)

(a) Definition.

"Qualification Requirement," as used in this clause means the 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 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: _____
Manufacturer's Name: _____
Source's Name: _____
Item Name: _____
Service Identification: _____
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-4 52.212-5 - CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS- COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES SEP 2023) (DEVIATION 2017-1, DEVIATION DEC 2022)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial products and commercial services:

(1) 52.203-19, Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (Jan 2017) (section 743 of Division E, Title VII, of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235) and its successor provisions in subsequent appropriations acts (and as extended in continuing resolutions)).

(2) 52.204-23, Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities (Nov 2021) (Section 1634 of Pub. L. 115-91).

(3) 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment. (Nov 2021) (Section 889(a)(1)(A) of Pub. L. 115-232).

(4) 52.209-10, Prohibition on Contracting with Inverted Domestic Corporations (Nov 2015)

(5) 52.232-40, Providing Accelerated Payments to Small Business Subcontractors (MAR 2023) (31 U.S.C.3903 and 10 U.S.C. 3801)

(6) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).

(7) 52.233-4, Applicable Law for Breach of Contract Claim (Oct 2004) (Public Laws 108-77 and 108-78 (19 U.S.C. 3805note)).

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial products and commercial services:

[Contracting Officer check as appropriate.]

☒ (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (June 2020), with Alternate I (Nov 2021) (41 U.S.C. 4704 and 10 U.S.C. **2402 (DEVIATION 2017-1)**).

- ☒ (2) 52.203-13, Contractor Code of Business Ethics and Conduct (Nov 2021) (41 U.S.C. 3509)).
- ☐ (3) 52.203-15, Whistleblower Protections under the American Recovery and Reinvestment Act of 2009 (Jun 2010) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)
- ☒ (4) 52.203-17, Contractor Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (Jun 2020) ([DEVIATION 2017-1](#)) ([Whistleblower Guidance to Contractor Employees](#))
- ☒ (5) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Jun 2020) (Pub. L. 109-282) (31 U.S.C. 6101 note).
- ☐ (6) 52.204-14, Service Contract Reporting Requirements (Oct 2016) (Pub. L. 111-117, section 743 of Div. C).
- ☐ (7) 52.204-15, Service Contract Reporting Requirements for Indefinite-Delivery Contracts (Oct 2016) (Pub. L. 111-117, section 743 of Div. C).
- ☒ (8) 52.204-27, Prohibition on a ByteDance Covered Application (JUN 2023) (Section 102 of Division R of Pub. L. 117-328).
- ☒ (9) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment. (Nov 2021) (31 U.S.C. 6101note).
- ☒ (10) 52.209-9, Updates of Publicly Available Information Regarding Responsibility Matters (Oct 2018) (41 U.S.C. 2313).
- ☐ (11) [Reserved].
- ☐ (12) (i) 52.219-3, Notice of HUBZone Set-Aside or Sole-Source Award (Oct 2022) (15 U.S.C.657a).
- ☐ (13) (i) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (Oct 2022) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).
- ☐ (14) [Reserved]
- ☐ (15) (i) 52.219-6, Notice of Total Small Business Set-Aside (Nov 2020) (15 U.S.C.644).
 - ☐ (ii) Alternate I (Mar 2020) of 52.219-6.
- ☐ (16) (i) 52.219-7, Notice of Partial Small Business Set-Aside (Nov 2020) (15 U.S.C. 644).
 - ☐ (ii) Alternate I (Mar 2020) of 52.219-7.
- ☒ (17) 52.219-8, Utilization of Small Business Concerns (SEP 2023) (15 U.S.C. 637(d)(2) and (3)).([DEVIATION DEC 2022](#))
- ☐ (18) (i) 52.219-9, Small Business Subcontracting Plan (SEP2023) (15 U.S.C. 637(d)(4)).

- ☐ (ii) Alternate I (Nov 2016) of 52.219-9.
- ☐ (iii) Alternate II (Nov 2016) of 52.219-9.
- ☐ (iv) Alternate III (Jun 2020) of 52.219-9.
- ☐ (v) Alternate IV (Sep 2023) of 52.219-9.
- ☐ (19) (i) 52.219-13, Notice of Set-Aside of Orders (Mar 2020) (15 U.S.C. 644(r)).
 - ☐ (ii) Alternate I (MAR 2020) of 52.219-13
- ☐ (20) 52.219-14, Limitations on Subcontracting (Oct 2022) (15 U.S.C.637s)
 - ☐ By the end of the base term of the contract and then by the end of each subsequent option period; or
 - ☐ By the end of the performance period for each order issued under the contract.
- ☐ (21) 52.219-16, Liquidated Damages-Subcontracting Plan (Sep 2021) (15 U.S.C. 637(d)(4)(F)(i)).
- ☐ (22) 52.219-27, Notice of Service-Disabled Veteran-Owned Small Business Set-Aside (Oct 2022) (15 U.S.C. 657f).
- ☒ (23) (i) 52.219-28, Post Award Small Business Program Rerepresentation (MAR 2023) (15 U.S.C. 632(a)(2)).
 - ☐ (ii) Alternate I (MAR 2020) of 52.219-28.
- ☐ (24) 52.219-29, Notice of Set-Aside for, or Sole Source Award to, Economically Disadvantaged Women-Owned Small Business Concerns (Oct 2022) (15 U.S.C. 637(m)).
- ☐ (25) 52.219-30, Notice of Set-Aside for, or Sole Source Award to, Women-Owned Small Business Concerns Eligible Under the Women-Owned Small Business Program (Oct 2022) (15 U.S.C. 637(m)).
- ☐ (26) 52.219-32, Orders Issued Directly Under Small Business Reserves (Mar 2020) (15 U.S.C. 644(r)).
- ☐ (27) 52.219-33, Nonmanufacturer Rule (Sep 2021) (15 U.S.C. 637(a)(17)).
- ☒ (28) 52.222-3, Convict Labor (Jun 2003) (E.O.11755).
- ☒ (29) 52.222-19, Child Labor-Cooperation with Authorities and Remedies (Dec 2022) (E.O.13126).
- ☒ (30) 52.222-21, Prohibition of Segregated Facilities (Apr 2015).
- ☒ (31) (i) 52.222-26, Equal Opportunity (Sep 2016) (E.O.11246).

- ☐ (ii) Alternate I (Feb 1999) of 52.222-26.
- ☒ (32) (i) 52.222-35, Equal Opportunity for Veterans (Jun 2020) (38 U.S.C. 4212).
- ☐ (ii) Alternate I (Jul 2014) of 52.222-35.
- ☒ (33) (i) 52.222-36, Equal Opportunity for Workers with Disabilities (Jun 2020) (29 U.S.C.793).
- ☐ (ii) Alternate I (Jul 2014) of 52.222-36.
- ☒ (34) 52.222-37, Employment Reports on Veterans (Jun 2020) (38 U.S.C. 4212).
- ☒ (35) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496).
- ☒ (36) (i) 52.222-50, Combating Trafficking in Persons (Nov 2021) (22 U.S.C. chapter 78 and E.O. 13627).
- ☐ (ii) Alternate I (Mar 2015) of 52.222-50 (22 U.S.C. chapter78 and E.O. 13627).
- ☐ (37) 52.222-54, Employment Eligibility Verification (May 2022). (Executive Order 12989). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial products or commercial services as prescribed in FAR 22.1803.)
- ☐ (38) (i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA–Designated Items (May 2008) (42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- ☐ (ii) Alternate I (May 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- ☐ (39) 52.223-11, Ozone-Depleting Substances and High Global Warming Potential Hydrofluorocarbons (Jun 2016) (E.O. 13693).
- ☐ (40) 52.223-12, Maintenance, Service, Repair, or Disposal of Refrigeration Equipment and Air Conditioners (Jun 2016) (E.O. 13693).
- ☐ (41) (i) 52.223-13, Acquisition of EPEAT®-Registered Imaging Equipment (Jun 2014) (E.O.s 13423 and 13514).
- ☐ (ii) Alternate I (Oct 2015) of 52.223-13.
- ☐ (42) (i) 52.223-14, Acquisition of EPEAT®-Registered Televisions (Jun 2014) (E.O.s 13423 and 13514).
- ☐ (ii) Alternate I (Jun 2014) of 52.223-14.
- ☐ (43) 52.223-15, Energy Efficiency in Energy-Consuming Products (May 2020) (42 U.S.C. 8259b).

- ☐ (44) (i) 52.223-16, Acquisition of EPEAT®-Registered Personal Computer Products (Oct 2015) (E.O.s 13423 and 13514).
- ☐ (ii) Alternate I (Jun 2014) of 52.223-16.
- ☒ (45) 52.223-18, Encouraging Contractor Policies to Ban Text Messaging While Driving (Jun 2020) (E.O. 13513).
- ☐ (46) 52.223-20, Aerosols (Jun 2016) (E.O. 13693).
- ☐ (47) 52.223-21, Foams (Jun 2016) (E.O. 13693).
- ☐ (48) (i) 52.224-3 Privacy Training (Jan 2017) (5 U.S.C. 552 a).
- ☐ (ii) Alternate I (Jan 2017) of 52.224-3.
- ☒ (49)(i) 52.225-1, Buy American-Supplies (Oct 2022) (41 U.S.C. chapter 83).
- ☐ (ii) Alternate I (Oct 2022) of 52.225-1
- ☐ (50) (i) 52.225-3, Buy American-Free Trade Agreements-Israeli Trade Act (DEC 2022) (19 U.S.C. 3301 note, 19 U.S.C. 2112 note, 19 U.S.C. 3805 note, 19 U.S.C. 4001 note, 19 U.S.C. chapter 29 (sections 4501-4732), Public Law. 103-182, 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, 110-138, 112-41, 112-42, and 112-43).
- ☐ (ii) Alternate I [Reserved]
- ☐ (iii) Alternate II (Dec 2022) of 52.225-3.
- ☐ (iv) Alternate III (Jan 2021) of 52.225-3.
- ☐ (v) Alternate IV (Oct 2022) of 52.225-3.
- ☐ (51) 52.225-5, Trade Agreements (Dec 2022) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).
- ☒ (52) 52.225-13, Restrictions on Certain Foreign Purchases (FEB 2021) (E.O.'s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).
- ☐ (53) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Oct 2016) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. Subtitle A, Part V, Subpart G Note).
- ☐ (54) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).
- ☐ (55) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007) (42 U.S.C. 5150).
- ☐ (56) 52.229-12, Tax on Certain Foreign Procurements (Feb 2021).

- ☐ (57) 52.232-29, Terms for Financing of Purchases of Commercial Products and Commercial Services (Nov 2021) (41 U.S.C.4505, 10 U.S.C.3805).
- ☐ (58) 52.232-30, Installment Payments for Commercial Products and Commercial Services (Nov 2021) (41 U.S.C.4505, 10 U.S.C.3805).
- ☒ (59) 52.232-33, Payment by Electronic Funds Transfer-System for Award Management (Oct 2018) (31 U.S.C. 3332).
- ☐ (60) 52.232-34, Payment by Electronic Funds Transfer-Other than System for Award Management (Jul 2013) (31 U.S.C.3332).
- ☐ (61) 52.232-36, Payment by Third Party (May 2014) (31 U.S.C.3332).
- ☐ (62) 52.239-1, Privacy or Security Safeguards (Aug 1996) (5 U.S.C. 552a).
- ☐ (63) 52.242-5, Payments to Small Business Subcontractors (Jan 2017) (15 U.S.C. 637(d)(13)).
- ☐ (64) (i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Nov 2021) (46 U.S.C. 55305 and 10 U.S.C. 2631).
- ☐ (ii) Alternate I (Apr 2003) of 52.247-64.
- ☐ (iii) Alternate II (Nov 2021) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial products and commercial services:

Contracting Officer check as appropriate.]

- ☐ (1) 52.222-41, Service Contract Labor Standards (Aug 2018) (41 U.S.C. chapter 67).
- ☐ (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (May 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).
- ☐ (3) 52.222-43, Fair Labor Standards Act and Service Contract Labor Standards-Price Adjustment (Multiple Year and Option Contracts) (Aug 2018) (29 U.S.C. 206 and 41 U.S.C. chapter 67).
- ☐ (4) 52.222-44, Fair Labor Standards Act and Service Contract Labor Standards-Price Adjustment (May 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).
- ☐ (5) 52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment-Requirements (May 2014) (41 U.S.C. chapter 67).
- ☐ (6) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services-Requirements (May 2014) (41 U.S.C. chapter 67).
- ☐ (7) 52.222-55, Minimum Wages for Contractor Workers Under Executive Order 14026 (Jan 2022).

- ☐ (8) 52.222-62, Paid Sick Leave Under Executive Order 13706 (Jan 2022) (E.O. 13706).
- ☐ (9) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (Jun 2020) (42 U.S.C. 1792).

(d) Comptroller General Examination of Record. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, as defined in FAR 2.101, on the date of award of this contract, and does not contain the clause at 52.215-2, Audit and Records-Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

- (e) (1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1), in a subcontract for commercial products or commercial services. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause-

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (Nov 2021) (41 U.S.C. 3509).

(ii) 52.203-19, Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (Jan 2017) (section 743 of Division E, Title VII, of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235) and its successor provisions in subsequent appropriations acts (and as extended in continuing resolutions)).

(iii) 52.204-23, Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities (Nov 2021) (Section 1634 of Pub. L. 115-91).

(iv) 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment. (Nov 2021) (Section 889(a)(1)(A) of Pub. L. 115-232).

(v) 52.204-27, Prohibition on a ByteDance Covered Application (JUN 2023) (Section 102 of Division R of Pub. L. 117-328)

- (vi) 52.219-8, Utilization of Small Business Concerns (SEP 2023) (15 U.S.C.637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds the applicable threshold specified in FAR 19.702(a) on the date of subcontract award, the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.
- (vii) 52.222-21, Prohibition of Segregated Facilities (Apr 2015).
- (viii) 52.222-26, Equal Opportunity (Sep 2015) (E.O.11246).
- (ix) 52.222-35, Equal Opportunity for Veterans (Jun 2020) (38 U.S.C.4212).
- (x) 52.222-36, Equal Opportunity for Workers with Disabilities (Jun 2020) (29 U.S.C.793).
- (xi) 52.222-37, Employment Reports on Veterans (Jun 2020) (38 U.S.C.4212).
- (xii) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496). Flow down required in accordance with paragraph (f) of FAR clause 52.222-40.
- (xiii) 52.222-41, Service Contract Labor Standards (Aug 2018) (41 U.S.C. chapter 67).
- (xiv) (A) 52.222-50, Combating Trafficking in Persons (Nov 2021) (22 U.S.C. chapter 78 and E.O 13627).

(B) Alternate I (Mar 2015) of 52.222-50(22 U.S.C. chapter 78 and E.O 13627).
- (xv) 52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment-Requirements (May 2014) (41 U.S.C. chapter 67).
- (xvi) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services-Requirements (May 2014) (41 U.S.C. chapter 67).
- (xvii) 52.222-54, Employment Eligibility Verification (May 2022) (E.O. 12989).
- (xviii) 52.222-55, Minimum Wages for Contractor Workers Under Executive Order 14026 (Jan 2022).
- (xix) 52.222-62, Paid Sick Leave Under Executive Order 13706 (Jan 2022) (E.O. 13706).
- (xx) (A) 52.224-3, Privacy Training (Jan 2017) (5 U.S.C. 552a).

(B) Alternate I (Jan 2017) of 52.224-3.
- (xxi) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Oct 2016) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. Subtitle A, Part V, Subpart G Note).

(xxii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (Jun 2020) (42 U.S.C. 1792). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xxiii) 52.232-40, Providing Accelerated Payments to Small Business Subcontractors (MAR 2023) (31 U.S.C. 3903 and 10 U.S.C. 3801)

(xxiv) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Nov 2021) (46 U.S.C. 55305 and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) While not required, the Contractor may include in its subcontracts for commercial products and commercial services a minimal number of additional clauses necessary to satisfy its contractual obligations.

C-5 52.216-18 - ORDERING (AUG 2020)

(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 date of contract award through 31 December 2025.

(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) A delivery order or task order is considered "issued" when—

(1) If sent by mail (includes transmittal by U.S. mail or private delivery service), the Government deposits the order in the mail;

(2) If sent by fax, the Government transmits the order to the Contractor's fax number; or

(3) If sent electronically, the Government either—

(i) Posts a copy of the delivery order or task order to a Government document access system, and notice is sent to the Contractor; or

(ii) Distributes the delivery order or task order via email to the Contractor's email address.

(d) Orders may be issued by methods other than those enumerated in this clause only if authorized in the contract.

Addenda to 52.216-18

(e) Orders, for Type A (Full Service) ATBs listed in Section B, will be placed by the CO prior to the Mandatory Availability Period.

(f) Orders, for Type B (Bulk) ATBs listed in Section B will be placed by the CO prior to the start of the Period of Performance. ATBMs or CORs will direct the delivery of LTFR product at the various ATBs, as required but within the limitations of the order. ATBMs or CORs may direct delivery orally and will be followed-up with a confirming written direction by the appropriate acquisition office.

(g) Pre-, Post- & Optional-Delivery periods may be ordered in accordance with Exhibit D-1.

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

C-6 52.216-19 – ORDER LIMITATIONS (OCT 1995)

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than one day of availability for the Type A ATB and one gallon of long-term fire retardant; or an amount less than 22 tons for a Type B ATB, 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—

(1) Any order for a single item in excess of \$75,000,000.00;

(2) Any order for a combination of items in excess of \$150,000,000.00; or

(3) A series of orders from the same ordering office within three (3) days that together call for quantities exceeding the limitation in paragraph (b)(1) or (2) of this section.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), 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) of this section.

(d) Notwithstanding paragraphs (b) and (c) of this section, 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 issuance, 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-7 52.216-22 – INDEFINITE QUANTITY (OCT 1995)

(a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the "maximum." The Government shall order at least the quantity of supplies or services designated in the Schedule as the "minimum."

(c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(d) 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 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 31 December 2025.

C-8 52.217-9 - OPTION TO EXTEND THE TERM OF THE CONTRACT (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 two years.

C-9 52.252-6 - AUTHORIZED DEVIATIONS IN CLAUSES (NOV 2020)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any Agriculture Acquisition Regulation (48 CFR 4) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

C-10 452.211-75 - EFFECTIVE PERIOD OF THE CONTRACT (FEB 1988)

The effective period of this contract is from date of contract award through 31 December 2025, provided all options are exercised. The effective periods of the contract are as follows:

Base Year – Date of contract award through 31 December 2024;

Option Year 1 – 1 January 2025 through 31 December 2025.

C-11 452.215-73 - POST AWARD CONFERENCE (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-12 452.216-73 – MINIMUM AND MAXIMUM CONTRACT AMOUNTS (FEB 1988)

During the period specified in FAR clause 52.216-18, ORDERING, the Government shall place orders totaling a minimum of the Guaranteed specified in the Schedule of Items, but not in excess of \$266,000,000.00.

C-13 452.228-71 - INSURANCE COVERAGE (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 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-14 452.247-70 - DELIVERY LOCATION (FEB 1988)

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

C-15 452.247-72 - PACKING FOR DOMESTIC SHIPMENT (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-16 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-17 PRODUCT ENDORSEMENTS

The contractor shall not 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-18 FIELD TESTING OF CONDITIONALLY APPROVED QPL PRODUCTS

(a) Field testing of conditionally approved aerial LTFR 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 aerial LTFR products field testing, the Government reserves the right to order aerial LTFR product with conditional QPL approval in the estimated amount of 200,000 mixed gallons per retardant type, from other sources, for the sole purpose of field testing.

(c) The Government may utilize any ATB location currently on contract for Full Operational Field Evaluations (OFE) for interim qualified products, as specified by the Government. Contractor ATB locations used for OFE purposes, for another suppliers LTFR products, will be provided consideration for the Daily Rate – Operations, if applicable, and 75 percent of the current LTFR product price, as defined in Schedule B for OFE LTFR product/performance during the OFE. LTFR products used for OFE purposes at the same Contractor's ATB will be paid the Daily Rate – Operations, if applicable, and the current LTFR product price as defined in Schedule B. No additional consideration will be provided because the OFE LTFR product is replacing the same Contractor's LTFR product at the same price.

(d) The Government, through the CO, will provide written notice to the Contractor a minimum of 7 days in advance of stopping performance at one or more of the Government specified bases for the purpose of full OFEs. 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 OFEs.

C-19 ECONOMIC RURAL DEVELOPMENT

Type A (Full Service) Airtanker Bases Rural Development Requirement

(a) In support of USDA Strategic Plan Goal - "Facilitate Rural Prosperity and Economic Development" and the Rural Development (Title VI) of the Farm Security and Rural Investment Act of 2002 the Contractor certifies they will maintain a minimum of 65% of local workforce across all specified Type A (Full Service) Airtanker Bases. This local workforce initiative will stimulate rural economy via housing, utilities, consumables etc. support local business development, expansion and physical infrastructure in rural areas.

(b) In the performance of this contract, the Contractor shall report to the CO on the labor force statistics employed by the Contractor or subcontractors at all Type A (Full Service) ATBs during the previous Calendar Year (January 1 through December 31); and submit this report no later than:

- (i) January 31 following the contract performance year; and
- (ii) At the end of contract performance.

(c) In the event the Contractor is unable to meet this requirement, the Contractor will provide a written plan to the CO that prescribes how compliance will be obtained within the next Calendar Year. The CO will review the Contractor's plan and approve or request revisions and continue to monitor the Contractor's progress throughout the Calendar Year.

(d) In the event the Contractor indicates meeting this threshold is not possible, the Contractor will provide written justification to the CO explaining the rationale for not meeting the requirement. The CO shall review the justification and provide a determination on the remedy to the Type A (Full Service) Airtanker Bases Rural Development Requirement.

SECTION D – EXHIBITS

Exhibit D-1: LTFR Specifications and SOW for Ancillary Services

Exhibit D-2: Facilities, Government, and Contractor Equipment

Exhibit D-3: Retardant Inventory/Use Worksheet

Exhibit D-4: Daily Retardant Use Record

Exhibit D-5: Cumulative Retardant Use/Payment Summary

Exhibit D-6: QPL Long-Term Fire Retardant

Exhibit D-7: Long-Term Fire Retardant Characteristics and Mix Factors

EXHIBIT D-1 - LTFR SPECIFICATIONS AND SOW FOR ANCILLARY SERVICES

US Department of Agriculture (USDA)



United States Department of Agriculture logo

USDA Forest Service

Fire and Aviation Management

Retardant Program

NATIONAL LTFR SPECIFICATIONS AND STATEMENT OF WORK FOR ANCILLARY SERVICES

Exhibit D-1

Version 1 September 2023

GENERAL INFORMATION

BACKGROUND AND PURPOSE

The U.S. Department of Agriculture Forest Service (USDA FS) has a requirement to supply long-term fire retardant (LTFR) and associated services to the USDA FS, Department of the Interior (Bureau of Land Management, Bureau of Indian Affairs). The requirements of this contract may be used to support other local, state, and federal partners in support of wildland fire suppression activities nationwide.

USDA FS policy requires the use of qualified fire chemicals on National Forest System lands; United States Department of the Interior (DOI) bureaus also require FS-qualified fire chemicals on federal land managed by those agencies. The technical requirements for LTFR are contained in USDA FS Specification 5100-304d Long-Term Retardant, Wildland Firefighting. This specification identifies performance and test requirements for LTFR products. This list can be found at:

https://www.fs.usda.gov/rm/fire/wfcs/documents/5100-304d_LTR_Final_010720_with%20Amendment%201.pdf

The result of this specification is qualified products that meet the minimum requirements of the Government. Per FAR 9.202(a) the Justification for Qualification Requirement was approved by the head of the agency or their designee.

DEFINITIONS

The following is a list of acronyms that may be used throughout this SPECIFICATION and/or any special terms or phrases that may need to be defined in more detail.

Agency and Government maybe be used interchangeably

ATB -Airtanker Base

ATBM – Airtanker Base Manager

BLM - Bureau of Land Management

BOL - Bill of Lading

BPA - Blanket Purchase Agreements

CO – Contracting Officer

COR – Contracting Officer’s Representative

CPARS - Contractor Performance Assessment Reporting System

DOI - United States Department of the Interior

DOL - Department of Labor

FRBB - Federal Reserve Bank of Boston

FS – Forest Service

GAU – Ground Applied Unit

GT – Ground Tanker

H - Helicopter

IPP – Invoice Processing Platform

LAQA - Lot Acceptance, Quality Assurance

LAT – Large Airtanker

LTFR – Long Term Fire Retardant

MAP – Mandatory Availability Period

MRB – Mobile Retardant Base

NIMS - National Incident Management System

NSHO – NWCG Standards for Helicopter Operations

NTDP - National Technology and Development Program

NWCG – National Wildfire Coordinating Group

OJT – On the Job training

PM – Program Manager

PPE - Personal Protective Equipment

PPIRS - Past Performance Information Retrieval System

QPL – Qualified Product List

ROD – Retardant On Demand

SABO – NWCG Standards for Airtanker Base Operations

SEAT - Single Engine Airtankers

USDA - United States Department of Agriculture

VLAT – Very Large Airtanker

3. TECHNICAL REQUIREMENTS

This section details the specific requirements and tasks the Government expects the contractor to perform through the successful execution of this specification as well as quality assurance expectations related to aerial LTFR Product and Ancillary Services at Type A (full service) and Type B (bulk) airtanker bases (ATB).

3.1 TECHNICAL REQUIREMENTS

3.1.1 Product Requirements

The following specifies the requirements for aerial LTFR product and ancillary services.

- (a) Retardant supplied through this contract must be qualified and approved for use at permanent bases (See Section D - Exhibit D-6). The Contractor shall provide only qualified products approved by the USDA FS as identified on the – Forest Service Qualified Product List - Long-Term Fire Retardant at https://www.fs.usda.gov/rm/fire/wfcs/documents/2022-1208_qpl_ret.pdf. A single lot number shall be provided for each product at each ATB.
- (b) A single lot number shall be provided for each aerial LTFR product at each ATB. Aerial LTFR supplied under this contract shall be delivered to the Government specified locations.

3.1.2 Type A (Full-Service) Base Requirements.

A single lot number shall be provided for each aerial LTFR product at each ATB. Aerial LTFR supplied under this contract shall be delivered to the Government specified locations.

- (a) Pre-, Post- and Optional-Delivery - The Government reserves the right to order retardant and ancillary services for the period 60 days before and 60 days after the Mandatory Availability 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. Outside the Mandatory Availability Period and any Pre-Delivery and Post-Delivery Periods, the Government may request service on an intermittent basis. This period is called Optional-Delivery. Orders placed during this period will be subject to acceptance by the contractor. If accepted, all terms and conditions (including contract prices) of the contract will apply.
- (b) All aircraft shall be loaded to their contracted load capacity or as directed by the airtanker base manager (ATBM). 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. Hot loading is defined as the loading of an airtanker while one or more engines are running.
- (d) The contractor may be required to perform simultaneous loading of retardant while the aircraft is being fueled.
- (e) Aircraft loading nozzles shall be 3-inch "Kamlock" type, or equal, equipped with shutoffs.
- (f) 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 D-2, Facility, Government & Contractor Equipment. 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 ATBM or designated personnel will provide all/any other loading requirements or limitations.

- (g) The contractor shall provide off-load storage capacity as specified in Section D – Exhibit D-2, Facility, Government & Contractor Equipment, separate from base storage tanks and loading facilities
- (h) The LTFR product will remain the contractor's property until such time as it is loaded into the aircraft.

3.1.3 Type B (Bulk) Base Requirements.

- (a) The LTFR products will remain Contractor property until such time as the LTFR delivered to the base.
- (b) Due to the sporadic occurrence of wildland fire activity, the Government does not guarantee the purchase of any LTFR product.

4. RESPONSIBILITIES (TYPE A OR FULL-SERVICE BASES)

4.1 Government Responsibilities

- (a) The movement and parking of aircraft for the loading of LTFR is the Government's responsibility and 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 deliver all Government provided equipment in good working condition. The Contractor shall perform all normal or typical maintenance on the Government furnished equipment as consideration for use of the Government furnished equipment. 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.

4.2 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 upon request.

- (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, bins, pallets, 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 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 Government is responsible for aircraft wash-down effluent disposal procedures. Any special precautions must be fully disclosed in Section D - Exhibit D-2, Facility, Government & Contractor Equipment in the individual ATB notes with necessary guidelines.
- (e) The contractor shall comply with the ATB-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 the company's 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 interfering with an individual's work performance or creating an intimidating, hostile, or offensive working environment.

5. GOVERNMENT REPRESENTATIVE

Whenever the contractor is in Ready Delivery Status, either during the Mandatory Availability Period (MAP) or any Optional Delivery Period, a Contracting Officer's Representative or ATBM 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 ATBM will ensure timely and accurate processing of payment records.

6. CONTRACTOR FURNISHED EQUIPMENT/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, off-load, and load water or the LTFR product, as directed. A contractor-furnished equipment list shall be submitted with the proposal. See Section D, Exhibit D-2, Facility, Government & contractor equipment for a list of Government Furnished equipment. The contractor is responsible to ensure any, and all Government Furnished Equipment is in usable condition and the contractor is responsible to supply any additional equipment needed to perform the work under this contract. The following equipment may be required, but is not limited to:

- (a) 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 D-2. Facilities, Government, and Contractor Furnished Equipment.

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 ATB during the Optional Period, upon the written request of the contractor and approval by the Contracting Officer.

- (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, 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.

7. GOVERNMENT OPERATION OF CONTRACTORS RETARDANT BASE

With prior written approval from the contractor, during or outside of the MAP, the Government may operate the retardant base on an intermittent and short-term basis (periods less than one operational period) if contractor personnel are not available. The Government will attempt to contact the contractor to secure their approval prior to operating the retardant base. Payment for LTFR product and Flowage Rate will be made at the applicable bid rate in Section B Schedule of Items. Payment for Daily Rate – Operations will not be made. The ATBM shall contact the COR and the CO prior to exercising this clause.

8. LOT ACCEPTANCE AND QUALITY ASSURANCE

8.1 General

Lot Acceptance and Quality Assurance (LAQA): LAQA program is the Forest Service's means of spot-checking fire retardants used by airtanker 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:

- (a) 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.
- (b) Truckload sample: Liquid Concentrate: Every shipment of liquid concentrate retardant that your base receives during the season needs to be sampled and tested at your base and a one-quart sample sent to WFCS for confirmatory tests. Powder: Every time a load of powder retardant is mixed 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.
- (c) 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.
- (d) 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 D, Exhibit D-6 - Forest Service Qualified Products List – Long-Term Fire Retardant) 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 D-7 - Long-Term Fire Retardant Characteristics and Mix Factors).

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 contractor personnel with oversight by ATBM. 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:

- (a) Salt content (refractometer or hydrometer) of each aircraft load.
- (b) Viscosity: every 5-10 aircraft loads. Analyzed by end of each day.
- (c) 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:

https://www.fs.usda.gov/rm/fire/wfcs/laqa_2.php

- 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.

Bryon Lake, Program Manager
Wildland Fire Chemical Systems
National Technology and Development Program (NTDP)
Missoula, MT
406-829-6814
Bryon.lake@usda.gov

8.2 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. ATBMs are responsible for oversight and ensuring 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 QPL Long-Term Fire Retardant (Section D - Exhibit D-6) and adjusted only as necessary to stay within the indicated acceptable range of refractometer readings as shown on the table of Long-Term Fire Retardant Characteristics and Mix Factors (Section D - Exhibit D-7).

9. MANDATORY AVAILABILITY PERIOD

9.1 Mandatory Availability Period Type A (Full Service) Bases

- (a) MAP for Type A (Full Service) ATBs will be as designated in Section B, Schedule of Items.
- (b) 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.

- (c) The normal operating day is 9 hours. The ATBM 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 standby 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 standby status until the passage of 10 ½ hours.
- (d) 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.
- (e) ATBMs may provide Authorized Breaks under the following conditions:
 - (i) contractor personnel may be released from standby from MAP status with advance approval of the COR or ATBM.
 - (ii) when released for authorized breaks, the contractor will continue to be recorded as available however, contractor personnel shall inform the ATBM how they may be contacted should a recall be needed.
 - (iii) If contacted, contractor personnel 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.
 - (iv) If Contractor personnel do not return within one hour from the initial attempt to be contacted, the contractor will become unavailable and the daily rate for Availability will be reduced as specified in Section C.
 - (v) If not requested to return from an authorized break, contractor personnel will be considered to be off duty and may not be required to return to Ready Delivery Status that day.

9.2 Mandatory Availability Period Type B (Bulk) Bases

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.
 - (i) 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.

10. MEASUREMENT OF PRODUCT

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 using the value listed on the Product Information Sheet (<https://www.fs.usda.gov/rm/fire/wfcs/products/>).
- (ii) Calibration and verification to ensure 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 any time at the request of the contractor or ATBM. Such verification will be performed in the presence of the contractor and the ATBM. 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 delivered and all other services will be recorded on the Retardant Inventory/Use Worksheet (Section D – Exhibit D-3) or other form approved by the CO. 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 number of tons, and attach the truck weight invoices to the Retardant Inventory/Use Worksheet (Section D – Exhibit D-3)
 - (ii) Retardant will be measured in gallons converted from pounds delivered using the Retardant Inventory/Use Worksheet (Section D – Exhibit D-3).
- (c) Bulk retardant (converted to gallons) on hand at the retardant base at the beginning of the 2-week period, plus
 - (d) Mixed retardant (in gallons) on hand at the retardant base at the beginning of the 2-week period, plus
 - (e) Total tons of retardant (converted to gallons) delivered to the retardant base, less
 - (f) Bulk retardant (converted to gallons) on hand at the retardant base at the end of the two-week period, less
 - (g) Mixed retardant (converted to gallons) on hand at the retardant base at the end of the two-week period.

11. PACKING LIST

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

- (a) Name and address of consignor,
- (b) The name and address of consignee,
- (c) Government purchase order number,

- (d) Government bill of lading number covering the shipment, if any, and
- (e) 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.

12. 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.

13. 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) Detention or return fee shall not be approved unless determined to be caused by sole direction of the government and must be approved by the Contracting Officer.

14. FOOD AND DRINK

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

15. PERSONNEL PROTECTIVE EQUIPMENT AND CLOTHING

All Contractor employees shall wear appropriate Personal Protective Equipment (PPE) as required by the Agency and OSHA regulations as applicable.

The Contractor will be responsible for all accidents, injuries, breakdowns, and equipment malfunctions suffered by their equipment or employees while operating under the CONTRACT, unless the cause of the incident is the result of: Public Individuals, other Agency contractors, or Agency personnel.

16. OFFICE SPACE AND AMENITIES

Office space if available in existing airtanker base facilities should be identified and made known in Section D – Exhibit D-2 Facility, Government & Contractor Equipment. 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 ATBM 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.

17. SECURITY REQUIREMENTS

This acquisition and resultant contracts may require temporary access to federally controlled facilities or information systems. Contractor personnel may be required to meet site specific security screening protocols.

EXHIBIT D-2 – FACILITIES, GOVERNMENT AND CONTRACTOR EQUIPMENT

Please note, Facilities, Government and Contractor Equipment is found in the attached Excel Spreadsheet – *06B Ex D-2 Facilities, Government, and Contractor Equipment.xlsx*.

EXHIBIT D-3 – 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				DATE	AMOUNT	REMARKS
			\$	\$	\$		\$	
TOTAL		TOTAL	\$	\$	\$		\$	\$

*Truck Weight Invoices must accompany this worksheet

REMARKS:

		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 D-4 – DAILY RETARDANT USE RECORD

Interagency Airtanker Base Operations Guide										
Exhibit D-4: 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 D-5 – 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)

TIER 1 _____ GALS @ \$ _____ /GALS = \$ _____

TIER 2 _____ GALS @ \$ _____ /GALS = \$ _____

TOTAL \$ _____

8. MISCELLANEOUS SERVICES

A _____ \$ _____

B _____ \$ _____

C. OTHER SERVICES Mixed Prices \$ _____

9. DEDUCTIONS/CREDITS THIS PERIOD

CORRECTION FOR _____ GAL @ \$ _____ = \$ _____

RETARDANT OUT _____ GAL @ \$ _____ = \$ _____

OF SPECIFIC _____ GAL @ \$ _____ = \$ _____

GRAVITY _____ 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>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) _____
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EXHIBIT D-6 – QPL LONG-TERM FIRE RETARDANT



US Forest Service

Washington Office

Fire & Aviation Management

December 8th, 2022

Long-Term Retardant for Wildland Fire Management

Qualified by US Forest Service in Accordance with Forest Service Specification 5100-304d

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.

Definition: Retardants contain salts that decrease fire intensity and slow advance of the fire, even after the water they contain evaporates.

Chemical	Mix Ratio (Pounds concentrate per gallon water)	Qualified Applications ¹					
		Fixed-Wing ³		Helicopter		Ground Applied	
		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	●	●	-	●	●	
Fortress FR-100	1.68 lb/gal	●	●	-	●	●	
Fortress FR-105M	1.68 lb/gal	○	○	-	○	●	
Dry Concentrate - Gum-thickened; Temporary Base							
Phos-Chek 259-Fx	1.01 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	●	●	-	●	●	
Phos-Chek LCE20-Fx	5.2:1	●	●	-	●	●	
Fortress FR-200	2.4:1	●	●	-	●	●	
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.							
○ Conditionally Qualified – Product complies with all requirements in the specification for laboratory evaluation; a field evaluation is required for full qualification.							
△ Interim Qualified – Product complies with all interim requirements in Appendix A of the specification; final results and a field evaluation is required for full qualification.							
2 – Pretreatment category has not been evaluated for durability and weathering.							
3 – CAUTION: When switching between Fortress and Phos-Chek products, rinsing the tank and outside of the airtanker is required. Cross-mixing of these products may increase maintenance time and cleaning.							

EXHIBIT D-7 – LTFR CHARACTERISTICS AND MIX FACTORS

October 2021

Long-Term Fire Retardant Characteristics and Mix Factors ¹								
Retardant ²	Approved Applications ³	Mix Ratio	Mixed Retardant Prepared Per Ton	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>
Dry Concentrate, Gum-thickened, High and Medium Viscosity (Use large-tip, 17/64" diameter, Marsh Funnel for flow-through time.)							REQUIRED	REFERENCE
Phos-Chek MVP-Fx	FW, SEAT, HB, G	0.96 lb to 1 gal H ₂ O	2209	8.75 – 8.84	401 - 800	16 - 22	8.0 - 9.75	1.048 - 1.059
Phos-Chek MVP-F	FW, SEAT, HB, G	0.95 lb to 1 gal H ₂ O	2224	8.77 – 8.88	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	8.74 – 8.81	801 - 1500	17 - 30	8.0 - 9.75	1.047 - 1.056
Fortress FR-100	FW, SEAT, HB, G	1.68 lb to 1 gal H ₂ O	1313	9.00 – 9.15	401 - 800	19 - 27	14.8 – 18.0	1.079 – 1.097
Dry Concentrate, Gum-thickened, Low Viscosity (Use small-tip, 3/16" diameter, Marsh Funnel to determine flow-through time.)							REQUIRED	REFERENCE
Phos-Chek 259-Fx	FW, SEAT, HF, HB, G	1.01 lb to 1 gal H ₂ O	2105	8.77 – 8.87	150 - 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	8.90 – 9.00	150 - 400	39-61	12.25 - 14.5	1.066 - 1.079
Wet Concentrate, Gum-thickened, Low-Viscosity (Use small-tip, 3/16" diameter, Marsh Funnel to determine flow-through time.)							REQUIRED	REFERENCE
Phos-Chek LC-95A-R	FW, SEAT, HB, G	5.5:1 (5.5 part H ₂ O to 1 part Concentrate)	1054	8.94 – 9.07	150 - 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 part H ₂ O to 1 part Concentrate)	1053	8.94 – 9.08	150 - 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	8.93 – 9.06	150 - 400	32 - 50	11.5 - 14.0	1.070 - 1.086
Phos-Chek LCE20-Fx	FW, SEAT, HB, G	5.2:1 (5.2 part H ₂ O to 1 part Concentrate)	1113	8.81 – 8.92	150 – 400	32 - 40	9.75 – 12.0	1.056 – 1.069
Phos-Chek LC-95-W	FW, SEAT, HB, G	5.5:1 (5.5 part H ₂ O to 1 part Concentrate)	1050	8.92 – 9.05	150 - 400	34 - 52	11.75 - 14.0	1.069 - 1.085
Fortress FR-200	FW, SEAT, HB, G	2.4:1 (2.4 part H ₂ O to 1 part Concentrate)	645	8.98 – 9.17	150 - 400	32 - 51	15.4 - 18.8	1.076 - 1.099
<ol style="list-style-type: none"> The listed products are evaluated, qualified for use only at the specified mix ratio with the indicated application equipment. 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. FW - Fixed-Wing Airtanker, SEAT – Single Engine Airtanker, HF - Fixed-Tank Helicopter; HB- Helicopter Bucket; G - Ground Engine. 								