

ATTACHMENT COVER PAGE

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**STATEMENT OF WORK:  
AMES RESEARCH CENTER (ARC), CLIN 001**

- (a) **Delivery:** Delivery and acceptance of liquid nitrogen will normally be made Monday through Friday, from 7:00 AM to 3:00 PM. However, under unusual circumstances, the Contractor agrees to deliver product 24 hours a day, 7 days a week, including holidays.
- (b) **Multiple Deliveries:** When more than one truck load is required after normal working hours or on a weekend or a holiday, the contractor must provide a sufficient number of trucks and authorized badged drivers, rather than consecutive round trips by one truck, to provide consecutive offloads so that the ARC receiving time is held to the absolute minimum.
- (c) **Clearance Procedures:** Until PIV card is issued (outlined in Attachment 003), the badging point of contact will ensure the drivers are issued temporary badges for admission onto ARC. Badges are issued at the Visitor Badging Office at Building 26, Monday through Friday between the hours of 6:00 AM to 4:00 PM.
- (d) **Seals:** ARC requires the tanker to be sealed to prevent tampering, however, the seal does not need to be marked with unique alpha-numeric identifier.
- (e) **Quantification of product delivered:** ARC will accept meter readings from the tanker pump to determine quantity of product delivered. No certified scales reside at ARC. Quantity of product delivered shall be annotated on the DD250 or equivalent form, if the unit of measurement by scale or meter is not liters; then the quantity delivered shall be converted into liters and also annotated.
- (f) **ARC responsibility during delivery:** ARC personnel will be present to operate ARC equipment during the delivery of liquid nitrogen.
- (g) **Notice for Delivery:** ARC will provide a minimum of 48 hours notice before delivery of product.
- (h) **Receiving storage:** Current facility storage containers in use at ARC include those which are listed below. However, the Government reserves the right to add, withdraw, change, or substitute receiving containers at any time during the life of the contract.

ARC - Building Locations	No. of LN2 tanks	Gallons	MAWP (PSI)
N238	1	5,000	30
N242	1	1,200	80
N229A	1	1,500	50
N250	1	1,500	50
N244-H1	1	4,000	66

NOTE: LN2 Conversion from gallons to standard cubic feet (scf). One gallon liquid = 6.747 pounds = 93.11 scf (scf measured at 1 atmosphere and 70 degrees F). One ton = 2000 pounds. 3.765 Liters = 1 gallon liquid.

- (i) Fill Point Interface: The interface at the fill point for each tank uses 1½" CGA fittings (NI-15).
- (j) ARC Points of Contact will be listed on the Delivery Orders.
- (k) ARC requires that the DD250 or equivalent form be signed by for acceptance.

**STATEMENT OF WORK:  
AMES RESEARCH CENTER (ARC), CLIN 002**

- (a) **Delivery:** Delivery and acceptance of liquid nitrogen will normally be made Monday through Friday, from 7:00 AM to 3:00 PM. However, under unusual circumstances, the Contractor agrees to deliver product 24 hours a day, 7 days a week, including holidays.
- (b) All deliveries for CLIN 002 shall be in Contractor-owned dewars. Dewars shall be ordered utilizing container sized increments (e.g. 160, 240 liters). The minimum acceptable dewar size is 160 liters and the maximum acceptable dewar size is 270 liters.
- (c) **Clearance Procedures:** Until PIV card is issued (outlined in Attachment 03), the badging point of contact will ensure the drivers are issued temporary badges for admission onto ARC. Badges are issued at the Visitor Badging Office at Building 26, Monday through Friday between the hours of 6:00 AM to 4:00 PM.
- (d) **Quantification of product delivered:** No certified scales reside at ARC. Quantity of product delivered shall be annotated on the DD250 or equivalent form, if the unit of measurement by scale or meter is not liters; then the quantity delivered shall be converted into liters and also annotated.
- (e) **ARC responsibility during delivery:** ARC personnel will be present to operate ARC equipment during the delivery of liquid nitrogen.
- (f) **Notice for Delivery:** ARC will provide a minimum of 24 hours notice before delivery of product.
- (g) **ARC Points of Contact** will be listed on the Delivery Orders.
- (h) **ARC requires that the DD250 or equivalent form be signed by for acceptance.**

NOTE: LN2 Conversion from gallons to standard cubic feet (scf). One gallon liquid = 6.747 pounds = 93.11 scf (scf measured at 1 atmosphere and 70 degrees F). One ton = 2000 pounds.. 3.765 Liters = 1 gallon liquid.