

Synopsis/RFQ Combo: NNM11384676Q

Amendment 03:

Questions and Answers in Reference to the subject RFQ announcement

Questions:

- 1) In what building is this work being done?
- 2) Is the piping connecting point high off the ground?
- 3) Are there additional specifications?
- 4) Can we do an on-site visit prior to award and what time period will the Period of Performance take place?
- 5) Does this new VJ Piping requirement replace already existing piping at location and if so, does the Contractor have to "take out or un-install" current piping already at location?

Answers:

1. Building 4718 LN2 Farm. Located west of the building outside.
2. One connecting point is approximately ten feet off the ground.
3. Correct all vendors should meet the additional VJ pipe specifications in addition to other stated requirements. **(See Attached Spec Below):**
4. The on-site visit is allowed on Friday, June 24, 2011 at 10am CDT. The vendors must coordinate with the Procurement Contract Specialist, Richard Glover/PS22/256-544-0288 for subject visit so that there would be no problems getting them on the center. The work may commence Sept. 22, 2011 and be complete by Thanksgiving, Nov. 24, 2011.
5. The new VJ piping will replace existing piping and it should be part of the contract to remove existing piping.

Additional Specifications

For Question 3 on Amendment 3

A final drawing submittal by the pipe vendor is required for approval. Vendor is responsible for verifying all field dimensions prior to construction.

1. Each spool should have a pump out valve with thermocouple for maintenance.
2. Inner pipe should be seamless.
3. No internal bellows allowed, inner and outer flex hoses allowed for change of direction, if approved.
4. Description of helium leak check procedures to be submitted.
5. Heat leak calculations required.
6. Bayonet connection details to be submitted along with test data showing successful completion of leak tests before and after cryogenic fill.
7. Valve and other cut sheets to be supplied.
8. Description of multi-layer insulation required.
9. Description of "getter" material required.
10. Field route relief valve discharge stainless steel pipe/tubing outside of building.
11. Submit procedures for solvent flush on LN2 service piping.
12. Submit vacuum jacketed piping support details for approval.
13. All welding and radiographic inspections per NASA Spec No. FAC-M5033, Section 15950 and 15951.