

QUERIES ARISE ON DATED 26 AUGUST 2024

ESTABLISHING PREGNANCIES IN THE RECIPIENTS THROUGH EMBRYO TRANSFER IN CENTRAL CATTLE BREEDING FARM (ANDESHNAGAR, ALAMADHI, & DHAMROD)

Bid Ref: NDS/ALM/CCBF/EOI/EMBRYO/24-25/AUGUST/02

1. Maximum Number of Embryos Produced Using Each Donor and Sire

Query: Please provide clarity on the maximum number of embryos that can be produced using each donor and sire.

Response: A maximum of 8 pregnancies can be established from the same pair of parents.

2. Guidelines for Export/Import of Bovine Germplasm

Query: We have access to the 2019 guidelines for the Export/Import of Bovine Germplasm from DAHD. Kindly share the guidelines to avoid any confusion.

Response: We are also following the 2019 guidelines from DAHD.

3. Semen Specifications for Insemination/Fertilization

Query: According to the EOI document, the supplier must meet the semen specifications mentioned by GOI. The 2019 guidelines from GOI state, "Sires' average standard lactation yield shall be above 9000 kg in the case of HF and 6000 kg in the case of Jersey." Please confirm if this is correct.

Response: The lactation yield of dam and sire's dam is specified in our EOI document and should be followed as stated.

4. Clarity on Performance Guarantee and Payment Terms

Query: Please clarify the terms related to the performance guarantee and payment structure.

Response:

- There is a provision for **20% advance payment of the supply value** against a Bank Guarantee of 110% of the advance amount, valid until final delivery of the material.
 - The **balance 80% payment** will be made within 30 days of acceptance of the material.
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5. Responsibility for Obtaining the Import License for Embryos

Query: Whose responsibility will it be to apply for and obtain the import license for embryos?

Response: NDS will apply for and obtain the import license. However, the awarded agency must provide all necessary documents related to animal identity, proof of meeting sanitary requirements, pedigree compliance, quarantine details, and embryo import documentation.

6. Timelines for Project Completion and Penalties for Delays

Query: What is the project completion timeline, including obtaining the import license, and are there any penalties for delays?

Response: Timelines will be adjusted based on the time taken to obtain the import license from the Government of India.

7. Recipient Information: Breed, Age, Stage, and Number in Each Batch

Query: Can you provide prior information on the breed, age, stage, and number of recipients per batch?

Response: As discussed in the pre-bid meeting, the recipients would be HF crossbred heifers and young cows. These animals must have a minimum body weight of 250 kg and must have reported at least two heats. Each batch will consist of a minimum of 50 heads that have been examined and deemed suitable for receiving embryos.

8. Preference or Restriction on Country of Export for Embryos

Query: Is there any preference or restriction on the country of export for embryos?

Response: There is no strict preference or restriction, but it would be preferable if embryos are procured from countries with a high genetic merit for HF and Jersey breeds.

9. Place of Execution for the Embryo Transfer Project

Query: Will the execution take place at one CCBF or multiple locations?

Response: CCBF Andeshnagar (District Lakhimpur, Uttar Pradesh) has been identified as the primary site for producing HF and Jersey calves using imported embryos. However, in unavoidable circumstances, other CCBFs such as Dhamrod (Gujarat) and Alamadhi (Tamil Nadu) may also be used for rearing recipients for embryo transfer.

10. Long-Term Partnership and Consortium Participation

Query: Is there a possibility of a long-term partnership for this project?

Response: We wish to establish a **long-term contract** with the agency that is willing to partner with us in our bull production program by importing the desired embryos and establishing pregnancies in our recipients. Since this is a long-term project, it is advisable to **develop local partners for Embryo Transfer (ET)** and to jointly participate as a consortium for the successful implementation of this initiative.