

EXPRESSION OF INTEREST (EOI)

FOR

**ESTABLISHING PREGNANCIES IN THE RECIPIENTS THROUGH EMBRYO
TRANSFER IN CENTRAL CATTEL BREEDIG FARM (CCBF), Alamadhi**



ALAMADHI SEMEN STATION

(A UNIT OF NDDB DAIRY SERVICES)

Bid Ref : NDS/ALM/CCBF/EOI/EMBRYO/JULY/01

Event Start Date: 31 July 2024

Event End Date: 20 Aug 2024

1. Objectives:

NDDB Dairy Services owns Semen Stations- ALAMADHI SEMEN STATION (Tamil Nadu) intends to invite Expression of Interests (EOI) from interested suppliers to **ESTABLISHING PREGNANCIES IN THE RECIPIENTS through embryo transfer in Central Cattle Breeding Farm, Alamadhi.**

2. The EOI should be accompanied by a refundable EMD **Rs. 50,000/- (Rupees Fifty Thousand)** in the form of demand drafts drawn in favour of **“NDDB DS ALAMADHI SS”**. The Organisation reserves the right to reject any/all applications without assigning any reasons thereof. The EOI document can be obtained from ALAMADHI SEMEN STATION (A UNIT OF NDDB DAIRY SERVICES) Upprapalayam Road, Edapalayam, Redhills - Thiruvallur High Rd, Chennai, Tamil Nadu 600052, between **11:00 hrs to 15:00 hrs** on any working day or can be download from the website <https://alamadhisemenstation.com/> before last date of submission of EOI.

3. ELIGIBILITY CRITERIA:

Bidder intending to bid shall fulfil the following eligibility criteria:

- I. Shall be suppliers having experience in dealing with Embryos to Govt. institutions, Dairy Cooperatives or to individual Dairy Farms. (Certificate of Incorporation)
- II. Should have minimum average Turnover of **Rs. 50 Lakh** (Audited Balance sheet/ITR) in the last three years (FY 2020-21, 2021-22 & 2022-23).
- III. Should have undertaken transaction of established of minimum **100 pregnancies through Embryos** in any of the last three financial year. (Copies of Purchase order/Contracts/Invoice)
- IV. Should not be black listed or debarred by any Ministry/Department of the Govt. of India/State Govt. for participation in tenders/contract on the date of opening of EIO either in their individual capacity as members of the firm. (Self-Declaration)

4. BIDDING PROCEDURE:

- I. Sealed Envelope would include Technical bid document along with detailed declaration as per Annexure-I and also a brief history/background of the bidder to be submitted to our office address latest by on or before 15:00 PM on 20th August 2024 to our office address ALAMADHI SEMEN STATION (A UNIT OF NDDB DAIRY SERVICES) Upprapalayam Road, Edapalayam, Redhills - Thiruvallur High Rd, Chennai, Tamil Nadu 600052.
- II. Bids must be written in English.
- III. Technical Bid received after the deadline for submission of Bid will be rejected outright and bidder will have to collect their bid document at their own expenses.
- IV. The Bidder qualifying the above criterion shall be invited to submit the price bid in a sealed envelope and the terms of reference for the price bid submission along with the evaluation and award criterions will be intimated at later stage.

5. DOCUMENTS TO BE SUBMITTED WITH THE BID:

- I. Detailed scope of work
- II. EMD in the form of Demand Draft.
- III. Organizational/history background of the bidder.
- IV. Infrastructure and other facilities available with the bidder including details of similar assignment done in the past and Financial Status (to be supported by document).
- V. Accreditation/quality certification (if any) of the bidders.
- VI. Authenticated copy of certificates of incorporation/registration and Memorandum of Association/Articles of Association/Trust Deed/Constitution of the organization.

6. SCOPE OF WORK:

ESTABLISHING PREGNANCIES IN THE RECIPIENTS through embryo transfer as per the technical specification and schedule of quantities mentioned in this work package.

The supplier shall be responsible to meet all the relevant standards as well as to fulfil the technical specifications specified in the bidding document.

The work shall be carried out with the best workmanship manner, strictly in conformity with the specifications mentioned here under.

The supplier shall ensure performance tests be carried out in the presence of and to the satisfaction of purchaser. Necessary equipment/tools required for performance test shall be arranged at site by the supplier.

The Supplier shall arrange the Labour of unloading & shifting of the equipment to respective location.

A. FUNCTIONAL REQUIREMENT:

S. No	Required Pregnancies from Embryo	Estimated Qty.	Remarks	Place of Execution
1	Murrah (Male)	100	Embryos are to be preferably fertilized using sexed sperms carrying Y chromosome semen. Alamadhi Semen Station would assist in the procurement of such sexed semen. Of the 100 pregnancies, 25 will be from donors with a milk production record exceeding 5000 kg per lactation, while the remaining 75 will be from donors with a milk production record above 4700 kg per lactation.	CCBF- Alamadhi (Tamilnadu)

B. TECHNICAL REQUIREMENT: Donor & Dam requirement

➤ **In case imported embryos are used for establishing pregnancies:**

- The average somatic cell count (SCC) of donor cow's or heifer's dam shall be below the prescribed limit average of the concerned breed in the exporting country or its appropriate breeding value or somatic cell score (SCS) may be considered if SCC is not available.
- Should have positive GEBVs (Genomic Estimated Breeding Values) for total milk yield, total milk fat and total milk protein and reliability of breeding value for these production characters shall be more than 80% for both HF and Jersey.
- should have positive GEBV for type characters like udder, feet and leg confirmation
- Semen of sire used for inseminating donor cow or heifer (genomically tested or non-tested) for embryo production shall meet the specifications for semen as mentioned by GoI.
- Donor shall be free from all known breed specific genetic disorders including Bovine Leukocyte Adhesion Disease (BLAD), Deficiency of Uridine Monophosphate Synthase (DUMPS), Citrulinemia (Deficiency of Argininosuccinate Synthetase), Factor XI Deficiency, Complex Vertebral Malformation (CVM) and Brachyspina.

➤ **In case embryos produced within country are used for establishing pregnancies:**

- The donors and sires are to be used having positive Genomic Estimated Breeding Value (GEBV) for the breeds applicable.
- Several superior bulls can be used in the same cycle to produce calves from different sire dam combinations.
- All donors and Sires should be registered in Bharat Pashu Dhan application.
- The time limit for the same tender will be for one year i.e. FY 2024-25 The cost of pregnancy establishment involves below given all procedures in supplier scope, registration of donor and Sire in Bharat Pashudhan, Complete pedigree record of parents with good photographs and if possible paternal and maternal side pedigree details of parents. Disease testing of donors against GoI MSP diseases (as per frequency), genetic disorder testing, GEBV value of parents, Synchronization of recipients, Embryo transfer, PD confirmation after 60 days and provide FSDs and blood samples of sire and donor respectively for DNA parentage, etc. The recipient for transplanting embryos would be provided in the batches of 50 each.
- This approach will facilitate managing the calving process in manageable, batchwise groups

Issued by

Purchase –NDDDB Dairy Services, New Delhi

Declaration by the Bidder

AFFIDAVIT

1. I, the undersigned, do hereby certify that all the statements made in the required attachments are true and correct.
2. The undersigned also hereby certifies that neither our firm M/s..... have abandoned any work by Govt. State/ Central / Any other Organization in India nor awarded to us for such works have been rescinded, during the last five years prior to the date of this bid.
3. The undersigned hereby authorize(s) and requested any Bank, person, firm or corporation to furnish pertinent information deemed necessary and requested by the Alamadhi Semen Station (Purchaser) to verify this statement or regarding my (our) competence and general reputation.
4. The undersigned understand and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of the Purchaser

.....

Name & address of Firm

.....

.....

Title of Officer

.....

(Signed by an Authorized Officer of the Firm)