

**Chief Executive Officer, State Level Nodal Agency (SLNA),  
Office of the Joint Development Commissioner(IRD),  
Sector – 62, S.A.S Nagar.**

**TERMS AND CONDITIONS FOR ESTABLISHMENT OF LIVE STOCK DEVELOPMENT CENTRES UNDER  
INTEGRATED WATERSHED DEVELOPMENT PROGRAMME FOR PROVIDING THE SERVICES OF ARTIFICIAL  
INSEMINATION IN LIVE STOCK AT THE DOOR STEPS OF THE FARMERS**

- **Invitation for proposal:**

- a) The joint Development Commissioner, Govt. of Punjab invites application for enhancing income level of small farmers & rural landless workers in Punjab through Live Stock Improvement & Management Programme through establishment of Live Stock Development Centre (LSDC) in the selected watershed areas of 8 distt of Punjab for providing the services of Artificial Insemination in Buffaloes & Cows at the door steps of the farmers and other related services by the NGOs/ Private Registered Organizations.
- b) The application must be enclosed in a properly sealed envelope addressed to the Joint Development Commissioner (IRD), Punjab Govt. by designation not by name. The application must be superscribed. Application for LSDC must reach the Joint Development Commissioner(IRD), Sec- 62, Vikas Bhawan, S.A.S Nagar on 23-08-2011 at 16:00 Hrs.
- c) In the event of application being submitted by a partnership firm, it must be signed separately by each member thereof or in the event of the absence of any partner it must be signed on his behalf by a person holding a power of attorney authorizing him to do so, or in the case of a company, the application should be signed in the manner laid down in the said company's Articles & Association . The signatures on the application shall be deemed to be authorized signatories.
- d) All corrections must be signed by the applicant.
- e) The applicant shall deposit Rs. 5000/- as processing fees in the form of demand Draft in favour of the Joint Development Commissioner(IRD) payable at S.A.S Nagar/ Chandigarh. The processing fee must accompany the application form without which offer will not be considered the said amount is not refundable.
- f) The Joint Development Commissioner(IRD) will have the right of rejecting all or any of the application without assigning any reason.
- g) No application will be considered unless and until all the documents are properly signed,

- h) In the event of an offer being accepted, the application will be converted into contract which will be governed by the conditions as referred below in scope of work, minimum eligibility criteria and other paragraphs of this document.
- i) A "Dual bid" bidding process will be followed for determining the successful bidder i.e bidder will be required to file bid in two separate envelopes, one containing technical & financial eligibility criteria and qualify for undertaking the establishment of LSDC. Financial & Technical bid of the parties, selected on basis of qualification assessment will be opened and evaluated thereafter.

- **Project Background:**

In Punjab, there are about 3.2 lac farming families, which constitute 32% farmers in the State, hold less than 5 acres of land. These are uneconomical holdings and the economic conditions of such farmers cannot be improved through conventional cropping system. Plight of 15 lac landless agricultural laborers is even worse. There is, therefore, an urgent need to create an adequate additional source of income for such families. Average milk production of buffalo in the state is only 4.3 liters per day and that of cattle is 8-10 liters. Therefore, most appropriate way to raise the income level of such small farmers and landless agricultural workers is to enhance milk productivity of existing stock of Livestock. Enhancing milk production of buffaloes in the State to level of 3000 liters per lactation or 10 liters per day is achievable because semen of buffalo and cow bulls with a milk production potential of 4000 liters is available in the region for insemination of buffaloes. By doing so, it will be possible to immediately enhance the milk yield of a buffalo from 4.3 liters to 6.5 liters per day. This will enhance the income of a family keeping 2 buffaloes by Rs. 40/- day at least at the current market price of milk.

There are about 50 lacs buffaloes in Punjab out of which 27 lacs are in milk, The sure and only way to improve the breed of buffaloes being kept by the large majority of the farmers is by taking up the Artificial Insemination (A.I) on a large scale at the door steps of the farmers. The project aims to provide breeding, management deworming, vaccination, castration, fodder development & Mineral Mixture and first aid services at the door steps of the dairy farmers for upgrading the milk production and general conditions of the buffalo population in the State. The cow population of the area will also be included for similar services. These services are proposed to be provided through Live Stock Development Centre(LSDC). Each LSDC will be operated by a local educated unemployed youth and will cover 8-9 villages within a radius of about 7-8 Kms,

## **Title of the Project- Integrated Live Stock Development Centre**

- **Objectives of the Project:**

- a) Enhancing income level of small & marginal farmers and rural landless workers in Punjab through live stock breed improvement and management programme.
- b) to create an appropriate economic and production environment for the small dairy holders, who have very poor access to the existing services.
- c) To improve productivity of the local milch animals through artificial insemination, balanced feeding, deworming, first aid services, vaccination and management.
- d) To minimize the infertility problems and inter calving period of milch animal through proper treatment of the animals by organizing infertility camps.
- e) To help in increasing per capita availability of milk.'
- f) To reduce the risk of milch animals and calf mortality by protecting them through prophylactic vaccinations,
- g) Helping the farmers in reducing the financial loss due to reduced milk yield and /or death of the animals by providing vaccination deworming and veterinary First Aid Services in time.
- h) To increase the percentage coverage of breed-able population of buffaloes and cows under A.I programme.
- i) Enhance income of the Dairy Farmers and thus reduce migration and provide year- round employment.

- **Operational Area:**

**Integrated Watershed Development Project area:** Watershed Project area under Integrated Watershed Management Programme is Ropar, S.B.S, Hoshiarpur, Gurdaspur, Tarn Taran, Faridkot, Ludhiana & Jalandhar.

- **Project Period:**

5 years

### **Services to be provided by the Implementing Agency:**

#### **Cattle Breed Association:**

- a) **Dairy Cattle Management:** Necessary required training will be imparted to the beneficiaries with livestock holding, to adapt better dairy cattle management techniques. The guidance will be required in the areas of balanced feed, improving the quality of local feed and fodder, supplementation of minerals, fodder cultivation and fodder preservation techniques.

**b) Breeding:**

The implementation Agency will undertake crossbreeding of non-descript buffaloes & cows to ensure improved milk yield of upgrade / cross breed calves over the project period. Breeding services will be provided at the doorstep of the farmers with the use of high quality of frozen semen.

**c) Feeding:**

The Implementation Agency shall educate farmers on preservation of green fodder as Hay & Silage. Provide high quality fodder seed to the farmers and shall also arrange supply of good quality cattle feed.

**d) Animal Health care:**

This aspect will be covered by the Centre Incharge with the help of qualified veterinarians,

**e) Castration:**

Castration of the scrub bulls will be done to prevent servicing by the local bulls & to avoid inbreeding.

**f) Vaccination:** Preventive vaccination against H.S & B.Q along with calf hood vaccination against Brucellosis will be undertaken every year with the support of Deptt. of Animal Husbandry, Punjab.

**g) Deworming:** Deworming of all cross breed / upgraded calves which are born will be done up to 6 months of age.

**h) First Aid :**

First Aid Services will be provided on need basis by Centre Incharge under the Supervision of Veterinarians.

**i) Infertility Treatment:**

Cattle camps will be arranged by the veterinaries of the implementing Agency to address the issues related to infertility among the buffaloes and cattle population. They will also help in identifying infertile animals and assist trained Veterinaries in treating such animals.

**j) Technical Know-how:**

The beneficiaries will be provided with latest knowledge in matters related to dairying. The veterinary officers employed by implementing Agency will provide them with regular inputs in cattle rearing as part of extension activities.

## **7. Scope of Works**

The Selected organization will:

- I. Provide Artificial Insemination Services in Buffaloes & Cows at the door steps of the farmers.
- II. Provide extension activities enumerated in paragraph 6 required to popularize the programme. To popularize the programme they may provide certain basic services e.g. vaccination, Deworming, castration and naval dressing etc. also at the doorstep of farmers. They will help in identifying infertile animals and assist trained veterinaries in treating such animals. Lay inseminators i.e A.I. workers will not take up treatment and disease investigation work in any case and the participating organization will have to ensure this.
- III. Train Lay Inseminators /AI workers within six months after getting the contract/ signing of Agreement with CEO SLNA.
- IV. Establish LSDCs in a time frame of 3 months.
- V. The programme should be so implemented that minimum 1250 calves of improved breed are borne through the AI programme within a period of four years.
- VI. Qualified Veterinary doctors will supervise the functioning of LSDC.
- VII. Only high quality frozen semen of Elite Buffalo Bulls and HF cross breed bulls shall be used for this AI programme. The participating organization must declare their source of Semen and its pedigree. Semen of buffalo bulls of Dam's milk yield of 4000 liters or above will only be used for this purpose.
- VIII. The Agency getting the work shall have to maintain proper record of AI done, Pregnancy Diagnosis and Calves Born thereof including digital photo with owner of calf and respectable persons of the village.(Cattle Breed Association)
- IX. Number of New Born Calves prescribed shall be the essence of the rate contract, which should be completed in 4 years of time from the date of establishment of LSDCs, which is 1250 upgraded Buffaloes & Cattle (male & females) calves in a period of 4 years from the date of establishment of LSDCs.

**Minimum Physical Target to be achieved for one centre:**

1,000 upgraded buffaloes & cattle ( Male & Females) Calves in a period of 5 years.

-	Years from the date of establishment of LSDCs.		
-	1 <sup>st</sup> year	-	Nil
-	2 <sup>nd</sup> year	-	250
-	3 <sup>rd</sup> year	-	300
-	4 <sup>th</sup> year	-	350
-	5 <sup>th</sup> Year	-	350
	Total	-	1250

❖ Inseminations done in 1<sup>st</sup> year shall bear result in second years of the project.

**8. Project strategy and key project activities to be taken up by the Implementing Agency:**

- a) Household survey will be conducted. The basic purpose of this survey will identify the farmers who are having cattle/ buffaloes at present.
- b) Location of LSDC will be in the office of Watershed committee located in that village .
- c) Local youth will be selected from the village falling in the area of proposed LSDC centre and shall be trained to carry out the work in field. Educated Youths possessing motor bike and Cell phone will be essential conditions for selection s for A.I. workers.
- d) Proper suitable equipment shall be procured by the Implementing Agency to set up LSDC.
- e) Publicity on operational area.
- f) Regular AI & Ah services at farmers doorstep.
- g) Effective & efficient monitoring of the programme.

**9A. Minimum Eligibility Criteria – Technical Qualification:**

- i. Interested Registered private organization or NGOs should be a charitable and development in approach.
- ii. Non Government Organization or a private Ltd. company duly registered for not less than 5 years and working in this field for at least 5 years.
- iii. The organization should be well reputed and constituted by men of repute, impeccable and immaculate character.

- iv. The organization should have at least 5 years of record of accomplishment of having undertaken such work/ project with various State Governments or under control of any organization of Govt. of India.
- v. The organization should have in place – men, material, technical know how and infrastructure to undertake such work/ project.
- vi. The organization should have establish 1000 AI centre in minimum two states of the country.
- vii. The entrusted organization should ensure the supply of cows semen 7800+ liters, and that of buffaloes semen 4000+ liters

**9B. Minimum Eligibility Criteria – Financial Qualification:**

- i. The organization must have a minimum turnover of Rs. 1 Crore per annum for the last 3 financial years upto financial year 2010-11.
- ii. Audited balance sheet of last 3 financial years. Duly authenticated by the registered Chartered Accountant are to be submitted.
- iii. Detail of experience of establishing such type of centre in the shape of Allotment Letter issued, are to be submitted.
- iv. Attested copies of Memorandum of Association of the firm and Registration Certificate are also to be submitted.
- v. The tenders should be accompanied with the requisite amount of Earnest Money of Rs. 1 lacs (Rupees One Lacs only) in the shape of Demand Draft payable at Chandigarh, draw in favor of **Chief Executive Officer, SLNA**. Earnest money in any other form shall not acceptable. No interest shall be paid on EMD for the period during which the deposit lies with the **CEO SLNA**.

The Earnest Money deposited will be converted into Security Deposit in case of acceptance of the tender and will be reimbursed after the tenderer complete all the contractual obligations. No interest will be payable on security deposit.

**10. General terms & conditions for Participation in the Bidding Process:**

- a) Tenders required to be submitted along with detail plan of the work to be undertaken, shall be deemed to mean that the tender submitting agency is fully acquainted with the technical details of the project. They will indicate details of infrastructure items required to set up the centre. The Lay inseminators must receive 4 months training for Artificial Insemination and other related First Aid Services from approved institutions. In addition they will submit the complete details of training programme( both initial and refresher) they will undertake for LSDC'S Incharge and AI worker. The content of training and details of do's and don'ts for the AI worker will have to be approved by the experts from the Animal Husbandry Department of Govt. of Punjab. In case of any deficiency a minimum bridge course will have to be planned in consultation with the AH department. We may request the AH department to arrange such bridge course at their own level if the NGO or Pvt. organization are not able to provide this bridge course.
- b) The participating organization has to give a time frame of identification of AI workers and setting up of LSDC'S with full infrastructure. They have to indicate the minimum number of centre they can make operational within 6 months of signing of agreement.
- c) The charges for conducting Artificial Insemination (AI) at the door step of farmers will be Rs. 50 per A.I.
- d) For all goods and services covered In this bidding document prices shall be quoted in Indian Rupees only.
- e) Price tender must contain two parts in Rs./ Calf Born.
  - I. Preparatory Expenses, Cost on setting up infrastructure and training cost.
  - II. Annual operational Cost per centre keeping year wise targets in mind.
- f) The price quoted must be firm and free from any escalation.
- g) The tenderer shall indicate total tender Price of the goods and services it proposes to use in the project. The bid price indicated should be net inclusive of all taxes/ duties/ levies etc. on F.O.D basis. Full details of materials used in establishing LSDCs including the manufacturer's name and brand of items to mentioned where ever applicable.
- h) CEO, SLNA does not bind itself to accept the lowest tender and reserves the right to accept any tender in part or full without assigning any reasons. CEO, SLNA reserves the right to enter into Rate Contract with more than one party at a time.

## **12. Payment :**

50% payment towards preparatory expenses, infrastructure and training will be made within 15 days from the date of signing of agreement after award of contract as an advance against Bank Guarantee from Nationalised Bank valid for a period of one year. The successful tenderer will have to submit their training manual well in advance for concurrence of AH department.

Remaining 50% towards preparatory expenses, infrastructure & training expenses will be made once proof expenses incurred on infrastructure is shown and the local AI worker is selected and sent on training. The payment will be made within 30 days of receipt of an invoice in the name of SLNA/WCDC.

The operational expenses will be advanced in 4 quarterly installments in following manner:

- For the first year 1<sup>st</sup> quarterly advance will be paid on first day of setting up of LSDC'S i.e when all infrastructure is made available and AI worker has completed training and is ready for AI work.
- Subsequently quarterly payment for the year will be released on the basis of AI work done and pregnancy diagnostic records of the previous quarter is made available to SLNA/WCDC duly verified by the group of officers nominated and watershed committee for the purpose and proper bill raised. This work must be done in proper ratio of buffaloes & cows keeping in view the annual target of calf born in the subsequent year.
- Bank guarantee initially given shall revolve to next advance payment when first work is finished and bills are finalized.
- Payment from 2<sup>nd</sup> year onwards will be made on quarterly basis on the basis of number of calf born during the quarter after adjusting advance of 1<sup>st</sup> year.
- During 3<sup>rd</sup> year again the bills will be finalized on the basis of AI done and pregnancy diagnosis of the previous quarter and the calf born on quarterly basis.
- 50% of payment during 4<sup>th</sup> year will be retained which will be released after records of new calf born in finalized in 5<sup>th</sup> year.

**13. Penalty Clause:**

The penalty of 0.5 % per month on delay in setting up of committed LSDC'Ss and shortfall in work output to maximum 5% of the contract values will be applicable. However, CEO , SLNA, may waive off the penalty keeping in view the force majeure or other circumstances beyond the control of the successful bidder.

**14. Arbitration Clause:**

In case of any dispute or difference arising between both parties during the period of the lease agreement, the matter will be referred to the sole Arbitration of CEO-cum-Joint Development Commissioner(IRD),Punjab. The proceedings shall be held at Mohali, JDC Office and the courts at Mohali/Chandigarh only shall have the territorial justification. The award of the Arbitrator will be final and binding on both the parties. Performance of this Lease agreement shall be continue during and upto the settlement of any dispute.

**15. Submission of Tenders:**

The interested organizations fulfilling the above conditions may apply giving detailed organizational profile, last three years balanced sheet of their working, the qualification and experience of their work force and proof to ascertain their having executed such projects/ programme and their evaluation studies.

CEO,SLNA , Punjab will consider tenders from only those NGO's/ Private Ltd. company who deposit Earnest Money of Rs. 1.00 lacs only in favour of CEO,SLNA, SAS Nagar payable at Mohali/ Chandigarh.