



*Govt. of Bihar*  
*Animal & Fisheries Resources Department*  
*Directorate of Animal Husbandry, Patna, Bihar*

Expression of Interest (EOI) of selection of agency to develop LRP (Lady Resource Person) and build their capacity to effectively address the need of Small ruminants and other animals in 5 Project districts under AFRD-BKBDP Project

Country: India Name of Project: Bihar Kosi Basin Development Project

Loan No. : IDA56960

Assignment Title: *Hiring technical support agency for develop LRP (Lady Resource Person) and build their capacity to effectively address the need of Small ruminants and other animals in 5 districts*

Reference No. : AFRD/CONSULTANCY-03

Bihar Kosi Basin Development Project for India is to enhance resilience to floods and increase agricultural production and productivity in the targeted districts in the Kosi river basin, and to enhance Bihar's capacity to respond promptly and effectively to an eligible crisis or emergency. The component which is to be covered under this EOI is enhancing agricultural productivity and competitiveness will work with organized farmers to increase agricultural production (which includes crops, horticulture, livestock, and fisheries) and productivity by expanding their access to and adoption of innovative and climate-resilient farm technologies and practices (including irrigation) and extending their linkages to market infrastructure. It consists of following three sub-components: (i) intensification and diversification of agricultural production systems; (ii) strengthening of agricultural value chains; and (iii) institutional development for market-led extension.

A holistic development plan is being taken up by the Govt. of Bihar with the help of World Bank, covering all the sectors like-Animal Husbandry, Agriculture, Horticulture, Soil Conservation, Building Construction, Water Resources, Health, Power etc.

The assignment will be for a period of 36 months, which is subject to extension and is open for both individual firm as well as association of agencies. Interested agencies/association of agencies\* must provide the information's substantiating that they are qualified to perform the services including - organizational profile/brochures, structure of the firm/organization, Name, address (Local & Nodal), facsimile number and email/website link of the Agency.

The Consultants can download the Draft ToR for furnishing the above information from [www.ahd.bih.nic.in](http://www.ahd.bih.nic.in) and can obtain further information at the address given below between 10:00 to 17:00 hrs.

The attention of interested Consultants is drawn to paragraph 1.9 of The World Bank's Guidelines: Selection and Employment of Consultants by World Bank Borrowers (January 2011 – Revised July 2014) ("Consultant Guidelines") setting forth the World Bank's policy on conflict of interest. A consultant will be selected in accordance with the Quality & Cost Based Selection Method (QCBS) set out in Consultants Guidelines.

**The short-listing criteria are as follows.**

1. As a part of legal requirements, the agency should be a registered body under the relevant law and is active and operational continuously for the last 3 years on the date of application. It should maintain its according records and have them properly audited. Annual statement of income and expenditure should have been prepared. The agency should have an independent legal existence, registered under the applicable act since at least 3 yrs. [Submit proof of Registration Certificate, Articles and Memorandum of Association].
2. Average annual turnover of the Agency/Institution should be more than Rs. 2 Cr in the last three years.
3. The agency should not be blacklisted by any government (Union and/or State), Ministry/Department/Organization/NABARD/CAPART/Multinational donor agency/etc. or any other donor/partner organization in the past.
4. The Agency should be in conformity with mission, vision and the values of Project and ready to work for the key goals.

5. The Agency should have experience of working in the field of Livelihood with special focus on improved livestock practices and capacity building of community and community professionals.
6. The agency should have conducted at least 2 such initiative – livestock based training programs and handholding support for community and community professionals, with any state government or in any multi lateral donor supported project.
7. A Technical Service Agency will be selected in accordance with the QCBS method.
8. Joint Venture will be allowed to submit the proposal for technical support agency.

Expressions of interest for providing technical services should be delivered in sealed envelope clearly marked **Expressions of Interest for “Hiring technical support agency for develop LRP and build their capacity”** along with a soft copy (MS word format only) in a CD/DVD/Pen Drive along with all necessary supporting documents to the address below in person within 21 days from the date of advertisement in newspaper on or before 16:00 Hrs. on the below mentioned address

**Animal & Fisheries Resources Department**

SPIU, BKBDP, AFRD, 1<sup>st</sup> Floor, RJ Heritage,  
Jagdev Path Phulwari Road, Patna – 800 014  
Tel: 91-612-2217543 (Secretary Cell);  
Website: [www.ahd.bih.nic.in](http://www.ahd.bih.nic.in)

**Contact Person:**

Mr. Ajay Kumar, Project Co-Ordinator

Ph. No. - +91-94310-81724

*\*Interested agencies/ association of agencies can apply for all services or for isolated services separately.*

**Terms of Reference (ToR)**  
**For**  
**Expression of Interest for selection of agency to develop LRP (Lady Resource Person) and build their capacity to effectively address the need of Small ruminants and other animals in 5 districts namely Araria, Madhepura, Purnia, Supaul & Saharsa under AFRD-BKBDP Project**

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**1. BACKGROUND**

The flood of Kosi in the year 2008 was one of the most disastrous natural calamities in the recent history of Bihar. A breach in the Kosi embankment near the Indo-Nepal border (at Kusaha VDC, [Sunsari](#) district, [Nepal](#)) occurred suddenly on the 18<sup>th</sup> August 2008. The river changed its course and inundated new areas which hadn't experienced floods during past decades. This flood affected more than 3.3 million people in the northern part of Bihar. About 500 people lost their lives and about 3 million left their houses to save their souls. More than 300,000 houses were gutted in roaring flood streams and at least 340,000 hectares (840,000 acres) of standing crops were swept away. With no food to eat and no water to drink, entire humanity was crying in thirst, hunger and diseases. The worst hit was the Supaul district, where surging flood waters swamped 1,000 square kilometers (2, 47,000 acres) of farmlands, leaving no crop.

A holistic development plan is being taken up by the Govt. of Bihar with the help of World Bank, covering all the sectors like-Animal Husbandry, Fisheries, Agriculture, Horticulture, Soil Conservation, road Construction, Water Resources, etc. The activities in Animal husbandry& Fisheries part have been divided into three subcomponents -

Subcomponent -1 Intensification and diversification of Agricultural Production Systems

- A. Production oriented Activities:
- B. Strengthening of Marketing Infrastructure:
- C. Training and Capacity Building Programs:

Subcomponent 2: Strengthening of Agricultural Value Chains

Subcomponent 3: Institutional development for market led extension

**2. NEED OF TECHNICAL SUPPORT AGENCY**

LRP (Lady Resource Person) is a Community care Service Provider which will enable the last mile coverage in rural areas where clinical services for livestock is not available on time or expensive to afford for rural poor. LRP is envisaged to create awareness and capacity building of the community on livestock based livelihoods activities and facilitates aggregation and marketing of the livestock products. (Reference: Advisory Note on Livelihood Strategy for MKSP under National Rural Livelihoods Mission for Pashu Sakhi). LRP is not an employee of Govt. of Bihar, they are Community care Service Provider working in business development approach since inception. A pool of identified LRP shall provide the basic technical support/treatment to the rural livestock rearer. LRP will be developed through structured training programmes by the livestock experts conducted under the project. They will act as medium of interface between Animal Husbandry & Veterinary Department and rural poor by linking the HHs to the nearest Veterinary aid centre at the time of need.

### 3. Objective of the assignment

The poverty reduction program requires more attention on micro plan specific to the area, highlighting the natural endowments and constraints. More than 80% rural families keep livestock in their households. According to the economic data, the contribution of animal husbandry sector to the GDP of the state has been estimated to be around 10%. About 35% of the income to small and marginal farmers comes from dairy and animal husbandry. The sector has potential to create employment in rural areas with least investments as compared to other sectors. In the light of the potential, contribution and role of the sector in the state, a focused approach is required.

The key objective of this assignment is to undertake a series of activities to provide technical and knowledge support to develop lady community cadre to address the issue of animal husbandry through effective training to promote best practices to further improve the animal rearing on scientific lines in the target communities in 5 project districts namely Araria, Madhepura, Purnia, Saharsa & Supaul. The selected agency will –

- a. Develop training curriculum, modules, manual for LRP and IEC material on livestock interventions
- b. Identify lady community cadre to effectively address the need particularly the small ruminant animal with the help of FIGs/POs/PCs/Jeevika CBOs/other stakeholder along with Agribusiness facilitators
- c. Conduct training and refresher training for LRP
- d. Provide hand holding support to LRP during her work for at least for 3 years.

### 4. Eligibility Criteria for Lady Resource Person (LRP):

- a. She should be a native and residing in the operational areas of Gram Panchyat (GP)
- b. The age of the LRP should be between 20-45 Years.
- c. She should be a good livestock (Small ruminants and poultry) rearer of the GP at least having 1-2 cattle and/or 2-3 sheep/goat and/or 2-3 pigs and/or ten poultry birds with him/her and having basic knowledge on Animal Husbandry.
- d. She should have functional knowledge of writing and reading of local language. She should be minimum class 8<sup>th</sup> Pass, however higher educational qualifications
- e. She should have a good and hygienic livestock housing system.
- f. She must be in a position of differentiating healthy and sick livestock.
- g. She must have knowledge on heat diagnosis of ruminants.
- h. Having knowledge on animal first aid will be preferred.
- i. She should have good motivational and communication skill.
- j. She should have no mobility constraints to provide hand holding support to the livestock of the GP.
- k. She should be willing to undergo different trainings and exposure (within/outside the state) organized under AFRD-BKBDP.

## **Section D: Scope of Work:**

### **The agency will**

- Design a suitable training program, training curriculum, modules for LRP – minimum educational qualification as 8<sup>th</sup> standard.
- Conduct various training (orientation refresher, etc) for LRP.
- Provide training as per the details given in table below

S. No.	Name of Training	No of days
1.	Orientation training	2 Days
2.	1 <sup>st</sup> Phase Improved animal Management (IAM) training (1 <sup>st</sup> quarter of 1 <sup>st</sup> Year)	6 Days
3.	2 <sup>nd</sup> Phase Improved Animal Management (IAM) Training (4 month after 1 <sup>st</sup> phase training)	6 Days
4.	Refresher training 3 days in every four month (after 8 month, 12 month, 16 month, 20 month and 24 month of 1 <sup>st</sup> phase training)	24 Days
5.	Exposure visit within the state (3 days – 1 <sup>st</sup> year and 3 days – 2 <sup>nd</sup> year)	6 Days
	<b>Total</b>	<b>42 Days</b>

- Set up a call centre at state level for technical assistance of LRP and Goat Based Livelihood Groups (GBLG)/Dairy Livelihood Groups (DLG) develop under AFRD-BKBDP, Jeevika and other stakeholders.

In addition –

- Organize and participate in Animal health camp with the collaboration of Animal Husbandry Department.
- Handholding support provided by Livestock Para Professional (LPP) (Every 15 Days)
- Monthly meeting for cross learning, review and planning.
- The material should be in Hindi and the training material and module will be developed in active consultation with AFRD-BKBDP.

### **Staff for Technical Assistance at state level**

In addition to training of Livestock Para Professionals/Pashu Sakhi the agency will provide a team of 6 qualified professionals at State/Regional level for following objectives.

- One Veterinary doctor for Professional/Technical assistance.
- 5 Technical assistants (Subject matter specialist 3 for Goatry and 2 for Dairy) for solving problems and monitoring along with Vet. Doctor.

## **Section E: Approach and Methodology**

The LRP identification process will be done at the Block level jointly by BAHO/TVO, ABF and representative of Jeevika/or other likeminded agency based on interview/written test. At present, one (1) LRP will be selected in each Panchyat. After completion of selection process, the ABFs will send the detail profile of the selected LRP to SPIU through DPIU for record and uploading the data in MIS.

## **Job responsibility of LRP as per AFRD-BKBDP policy -**

The intention of creating *LRP* is to guide the poor households technically and bridge the gap between Veterinarian & livestock households

- a. To collect necessary information of each individual farmer/producer Group member and update the data on number of livestock at HH level, nearest veterinary aid centers and practitioners.
- b. To prepare monthly activity plan for livestock interventions
- c. Provide Technical assistance to the livestock based HHs
- d. Disseminate knowledge and information on improved practices to the animal grower
- e. To demonstrate various steps of the improved practices, feed and fodder program and treatment
- f. Ensure timely vaccination to the livestock within the assigned areas
- g. Actively participate for de-worming and vitamin and mineral supplementation program of the available livestock of the assigned areas
- h. Identify the breed able livestock and breed them effectively
- i. Ensure the Artificial Insemination Practice (AI) in animals
- j. Introduce weaning practice
- k. Maintain breeding male for mating and creating awareness among the farmers for practice of rotation of breeding male among the village
- l. Ensure the Castration of male animals at right time and ensure post castration care
- m. Guide on feed and fodder program to the producers
- n. Guide the HHs on best nutritional practices with the available resource
- o. Motivate the farmers to develop fodder area for the livestock of the village
- p. Educate the producers on captive and rotational field feeding
- q. Aggregation/identification of the animals for marketing in seasonal condition
- r. Monitoring of marketable products and market linkage
- s. To ensure insurance coverage of the individual livestock
- t. To ensure monthly meeting of the livestock producer group
- u. All the day to day activities need to be recorded in the prescribed diary and time to time reporting of the activities as and when required by the project at present (later to Producer Group)
- v. Any other assignment periodically assigned by the ABFs/TVO/BAHO
- w. Report to the nearest Veterinary Aid Centre in case of emergency, other necessity or any casualty.

## **Preparation of the training Module and Training material for the following**

- Orientation training (2 Days)
- Learning of Field (2 Weeks)
- 1<sup>st</sup> Phase Improved Animal Management (IAM) training (6 Days)
- Phase wise Learning (In time period of 2 of 3 months)
- 2<sup>nd</sup> Phase Improved Animal Management (IAM) training for (3 Days)
- Phase wise Learning (In time period of 2 of 3 months)
- Refresher training (3 Days/quarter)
- Expose visit (2-3 days/6month)
- Organize and participate in Animal health camp" with the collaboration of Animal Husbandry Department.
- Handholding support provided by Livestock Para Professional (LPP) (Every 15 Days)

- Monthly meeting for cross learning,, review and planning.
- The material should be in Hindi and the training material and module will be developed in active consultation with RGAVP.

**The training should be designed and delivered considering that a LRP will**

- Recognize signs of disease in cattle/ small ruminants
- Facilitate primary healthcare for sick cattle/ small ruminants
- Advise farmers on correct livestock management practices.
- Refer sick cattle/ small ruminant to the nearest veterinarian and act a link between veterinarian and the community.
- Visit farmers and advise members of his community on how to improve cattle productivity.

**The trained LRP should develop following Skills after training-**

- Participatory communication and active listening Skills
- Participatory Rural assessment, livestock problem analysis, facilitating community analysis and learning.
- Identification of a healthy productive livestock through visual body configuration, production history and behavioral traits.
- Restraining cattle's and recording body temperatures, heart beats; rumen movements and respiration.
- Formulation and administration of common drugs.
- Oral administration of drugs.
- Written and verbal communication skills to deal with animal rearing input suppliers.

The LRP will be trained to understand the animal business activity and present issues and problems. The training in her village would include basic preventive health care, season wise feeding and precautions, proper method of feeding and appropriate feeding schedule, proper housing & sanitation as well as right marketing time and live body weight pricing mechanism.

Training will have to be provided in batches of 30-35 at the State/District HQ with field visits in villages. If less than 30 candidates are selected for any district, then candidates from neighboring districts will be joined to complete a batch of 30-35.

**Capacity building of project staff**

The agency will conduct orientation training and exposure programs for the capacity building of project staff placed at BMT/DPIU/SPIU level on technical and implementation issues of livestock based livelihood programs. It will help clarify role of various field team members within livestock based program.

## **Key Deliverables**

- a. Development of training curriculum manual and modules
- b. 973LRPs, every GP should have completed successful training of 42 days within 2 years and undergone 1 year of intensive handholding
- c. Atleast 40% of the trained LRPs gets certification from sector skill council
- d. Capacity building of 25 – 30 project staff

Handholding support for six month after completion of 2 years training and reporting should be done to DPMU/SPMU

## **Technical Expertise Required**

The Agency's professional team's expertise should comprise the following broad areas:

- **Livestock Specialist** (Non-Farm/Rural management/Rural Development preferably with a MVSc) - She/he will co-ordinate the project and he will responsible for the overall management of the project like strategic planning, implementation, marketing, monitoring, control, target achievement, reporting etc as well as provide technical backstopping to the team
- **Technical Assistant** – The primary responsibilities of subject matter specialist (animals) will be to provide technical support on development and finalization of improved Animal Management practices, linkages with relevant government schemes, capacity building of project functionaries and community cadres, marketing, conduct training programs and facilitation of implementation of best practices etc. They will also be responsible to travel in field to handhold, support and monitor the work being done by cadres & to address their problems.

### **Qualification and experience required for the key experts**

<b>Key Experts</b>	<b>Qualifications</b>	<b>Experience</b>
Livestock Specialist (Team Leader)	Masters in Rural Development/Veterinary or related field	Minimum 10 years of relevant experience
Technical Assistants	B V Sc (Ah) /Livestock or related field	Minimum 5 years of relevant experience
Master Trainer ( part time) (For providing training to LRP)	B V Sc. (AH)/ Livestock or related field	Minimum 5 years of relevant experience

## **Section F: Timelines**

The assignment is expected to be completed in a period of 3 years.

### **Section G: Organizational Relationship (Qualifications and Eligibility)**

The agency will constitute a multi – disciplinary team of professionals having adequate qualification and experiences in the field of livestock based livelihood, social sciences and of required professional skills on livestock for the duration of the assignment. Resource persons having direct experience of working on livestock in rural areas would be desirable. This team will be expected to work in close coordination with the Implementation unit of AFRD-BKBDP. The agency should provide reliable data and information in a manner to AFRD-BKBDP.

#### **Eligibility Criteria of the agency**

- As a part of legal requirements, the agency should be a registered body under the relevant law and is active and operational continuously for the last 3 years on the date of application. It should maintain its accounting records and have them properly audited. Annual statement of income and expenditure should have been prepared.
- Average annual turnover of the Agency/Institution should be more than Rs. 2 Cr. in the last three years.
- The agency should not be blacklisted by any government (Union and/or State), Ministry/Department/Organization/NABARD/CAPART/Multinational donor agency/etc. or any other donor/partner organization in the past.
- The Agency should be in conformity with mission, vision and the values of Project and ready to work for the key goals.
- The Agency should have experience of working in the field of Livelihood with special focus on improved livestock practices and capacity building of community and community professionals.
- The agency should have conducted at least 2 such initiative – livestock based training programs and handholding support for community and community professionals, with any state government or in any multi lateral donor supported project.
- Should have understanding of socio economic, political, and cultural livelihood realities of the area.

### **Section H: Data and Services to be provided by the client (AFRD-BKBDP)**

AFRD-BKBDP will provide the project guidelines, names, and addresses of the blocks and villages. Directions and guidelines received from the World Bank authorities.

**Section I: - Criteria for short listing of Agency to develop LRP in all the 5 districts under Bihar Kosi Basin Development Project**

<b>SL. No.</b>	<b>Criteria</b>	<b>Maximum Marks</b>
1.	Previous livelihood related work experience in Bihar	10
2.	Work experience of the agency in the last three years (Livestock Sector) along with financial transaction for last 3 Years	25
3.	Demonstrated experience of the agency in promoting livestock Para professionals/para Vets	30
4.	Qualified and experienced team of Resource Persons available with the agency	35
	Total	100

**Section J: Review of Progress**

The agency will prepare and submit the action plan and implementation progress in detail to AFRD-BKBDP. The progress shall be reviewed by the committee formed under the project. AFRD-BKBDP will send the monitors to oversee the training quality, at the time of training. The agency will have to incorporate the suggestion given by AFRD-BKBDP to improve the quality of the training.

The agency will conduct formal evaluation of the candidates and the evaluation system will be potentially designed in consultation with AFRD-BKBDP. Only those candidates who qualify the agreed evaluation criteria will be considered as people trained.

**Section K: Outcomes**

After training and proper handholding and capacity building of LRP following will be outcome parameters which will be mentioned by MIS of AFRD-BKBDP

1. 973 LRPs Trained for 42 days each
2. 30000 beneficiaries/goat reares being benefited by these cadre