

Government of Nepal
Ministry of Agriculture and Livestock Development
Nepal Livestock Sector Innovation Project

Environmental Code of Practice
For Construction of Goat Shed
Godawari Municipality-4, Budhitola, Kailali



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1. Project Background

The Nepal Livestock Sector Innovation Project (NLSIP) is a flagship Project in Nepal's livestock sector which became effective on 28th of February 2018 and will end on the 30th of June 2023. The Project's main objectives are to increase productivity, enhancing value addition, and improving climate resilience of smallholder farms and agro-enterprises in selected livestock value-chains in Nepal. The Project's components are: a) strengthening critical regulatory and institutional capacity, b) promoting sector innovation and modernizing service delivery, c) Promoting Inclusive Value Chains for Selected Livestock Commodities; and d) Project Management and Knowledge Generation. The project will work in 291 municipalities in 28 districts with at least 200,000 primary beneficiaries (at least 45% women) and 500 small and medium size agro-enterprises.

Some of the key activities supported by the NLSIP include (a) small civil works, (b) farmer institutions development; (c) dairy, meat goat and Chyangra/ Pashmina production; (d) support to dairy/meat/pashmina processing; (e) establishment of slaughterhouse and livestock markets; (f) vaccination campaigns; and (g) veterinary drugs and chemicals, and laboratory operation.

2. Introduction and Justification of Sub-project

The proposed construction of goat shed is carried within the premises of Goat Genetic Resource Center, Kailali. The proposed goat shed is open yard and mainly constructed for a browsing purpose because goats are browsers eating mainly non-grasses. They feed on leaves, soft shoot and shrubs. The proposed goat shed covers an area of 77.49 m². The construction works include the goat shed having a dimension of 12.3m X 6.3m, hay rack of dimension 0.6m X 1.2m and water trough with a dimension of 1.2 m X 0.5m. There lies a structure at the upper side of the proposed site so the retaining wall of dimension (length-20m, height-1.5-2m, width- 0.45m) is constructed for the protection. There is an existing nearby goat shed at the proposed site consisting manure pit having capacity of 3200 litre, urine pit of 10000 litre and biological pit having internal dimension of (2 m dia X 3.8 m depth. Hence, the existing structures will be used by the proposed goat shed for the management of manure and urine.

3. Relevancy of ECOP

The proposed sub-project does not cause any major environmental and social impacts to the people and communities where the construction is carried within the premises of Goat Genetic Resource Center. The proposed construction work involves small civil work where the environmental and social impact associated with this small civil work could be readily managed with good practices during implementation. Thus, ECOP is prepared to be strictly

followed by the contractor during construction phase and by the proponent during implementation respectively.

4. Environmental and Social Code of Practice for the Construction of Goat Shed

For Contractor during Construction

The contractor is highly encouraged to follow the following Environmental and Social Code of Practice (ECOP) strictly during construction.

1.	Priority will be given to local people for the work during the construction of the shed
2.	The waste materials will be generated during construction of sub-project. The collection, storage and disposal of materials will be managed in environmentally friendly manner. Thus, separate bins will be used for the collection of biodegradable and non-biodegradable materials, use of bins with lids for the storage of materials and separate disposal of biodegradable and non-biodegradable materials.
3.	The construction materials will be store in safe place without blocking the natural drainage.
4.	The wastes and materials produced during construction will be managed in filling works.
5.	During construction, materials storage or demolition of any structure, due care should be given so that no adverse environmental and social impact on the surrounding will be created. Construction materials will be collected from approved site, and of standard quality.
6.	The quarry site will be reclaimed and borrow pit area will be filled up after the completion of the work.
7.	Maintain health and sanitation of the labor camp (if such camp is envisaged in work) as well as the surroundings.
8.	Proper disposal of spoilage will be done. Prohibition of disposal of spoilage along hill slopes, vegetated areas, water bodies and other environmentally sensitive areas.
9.	Adherence with occupational health and safety standards for workers. All the workers will be equipped with Personal protective Equipment (PPE), posting of safety signs, warning signs during construction. In view of the COVID-19, the project will put possible measures like use of PPEs, hygiene and sanitation including use of sanitizers during work, maintaining social distance while working and staying, isolation and quarantine in case of corona suspected and PCR checking and treatment to prevent transmission of the disease among workers and communities. Moreover, the SOP of COVID-19 prepared by the Project will be circulated to the contractor and advised to follow it strictly during work.
10.	Restrict labors for use of forest products for cooking, hunting and poaching.
11.	Hire local laborer whenever possible (priority has to be given for poor, marginalized and

	Dalits). Employ at least 33 percent women in construction as possible.
12.	Avoid use of child labor (below 16 years age) as well as forced labor.
13.	No discrimination will be made on wage rate for both gender and equal amount will be paid for similar works
14.	No private land will be used for construction works.
15.	Community concerns/grievances will be heard and addressed as per GRM.
16.	Open defecation is strictly prohibited to the labor/work force. Toilet will be provided with good supply of water.
17.	Clean and safe drinking water will be provided to the workers.
18.	The byproduct cement bags and other construction waste will be managed properly.
19.	Ensure that there will be no disturbance to operate Goat Genetic Resource Center while construction is on-going (i.e. proper construction planning, use of less noisy equipment, storage of materials in a safe manner).

For the Proponent after Construction

The proponent is highly encouraged to follow the following Environmental and Social Code of Practice (ECOP) strictly during implementation.

1.	The waste generated i.e. faeces and urine from goat shed will be managed in manure and urine pit respectively.
2.	Waste materials, left over grasses and other biodegradable materials will be managed for making compost.
3.	Maintain sanitation of the shed by regular cleaning.
4.	The silages and green leaves collected for goats will be stored safely and only healthy grass, grains and water will be fed to goats.
5.	To kill germs/flies (vector of transmissible diseases), regular cleaning as well as environmental friendly practices will be adopted.
6.	Provide health and safety gears to the workers working in shed for occupational safety along with assurance of accidental insurance. Also, first aid box will be provided.
7.	Safe drinking water and toilet with good supply of water will be provisioned to the workers working in shed.
8.	Child labor under age of 16 will be restricted during the operation of goat shed.
9.	During the operation of sub-project there will be no adverse effect on the basis of gender, caste, ethnicity & cultural belief.
10.	There will be no discrimination to Dalits, Adivasi/Janajati, marginalized and women directly or indirectly from the respective sub-project.
11.	Environment friendly practices will be adopted during the operation of goat shed.