

# Tender Document

For

**Outsourcing the study on  
Present Status of Livestock Grazing and plans to phase it out  
in Tirthan & Sainj Wildlife Sanctuaries**

**(Including Terms of Reference)**

Under

**Biodiversity Conservation Society (BiodCS) of  
Great Himalayan National Park, Shamshi**




**Great Himalayan National Park  
Shamshi, Kullu, Himachal Pradesh**

**Jan, 2023**

**Date of publication of tender document on website.....10.01.2023**

**Last date of receiving the proposals/bids.....02.02.2023 upto 12:00 noon**

**Date of opening of Technical bids.....02.02.2023 (3:00 pm)**

  
DFO (Hqtrs) cum  
DFO G.H.N.P. Shamshi

## CONTENTS

1. Terms of Reference.....	3-6
2. Annexure – A (Selection Process).....	7-10
3. Other conditions for the study.....	11
4. Technical Proposal – Sample forms.....	12-16
5. Financial Proposal – Sample forms.....	17-18



DFO (Hqtrs) cum  
DFO G.H.N.P. Shamshi



GREAT HIMALAYAN NATIONAL PARK

ग्रेट हिमालयन नैशनल पार्क



**Office of Chief Conservator of Forests  
Great Himalayan National Park  
Shamshi, Kullu**

**Terms of Reference for Inviting Study Proposal on the Present Status of Livestock  
Grazing and suggestive plan to phase it out in Tirthan & Sainj Wildlife Sanctuaries**

**1. Introduction:-**

Great Himalayan National Park Conservation Area (GHNPCA) comprises of GHNP (754.40 Km<sup>2</sup>), Sainj Wildlife Sanctuary (90 Km<sup>2</sup>), Tirthan WLS (61 Km<sup>2</sup>) and an Ecozone (265.60 Km<sup>2</sup>) covering in total an area of 1171 Km<sup>2</sup>. GHNPCA (excluding ecozone) is the only Natural World Heritage site in HP inscribed in the year 2014. Proposed study is concentrated in the Tirthan and Sainj Wildlife Sanctuaries which are having an area of 61 Km<sup>2</sup> and 90 Km<sup>2</sup> respectively. The process of setting a protected area in this region was initiated way back in 1984 and the final notification for Tirthan WLS came on 01-11-1999 and for Sainj WLS on 23-10-1999. Several studies were done in GHNPCA most importantly by Wildlife Institute of India's research reports of 1999 which comprises of 6 volumes, and the 5<sup>th</sup> volume of which titled as "The Social Environment: Ecotourism and Livestock grazing" focused on livestock grazing. The aim of the present proposed study is to determine the impact of livestock grazing in and around of the Tirthan & Sainj WLS and the recommendation to phase it out. The study is to be taken up as a requirement of reply to stipulation raised by The World Heritage Committee of UNESCO in the state of conservation report, 2021 "To provide an update on the current status of livestock grazing in Tirthan WLS and plans to phase out grazing, in light of the decision not to re-categorise the WLS as National Park". Subsequently the Sainj WLS is added as per decision taken in BiodCS.

**2. Background to the study:-**

Livestock rearing is one of the main activities of livelihood in the hilly regions of the country including Himachal Pradesh. In Banjar Sub-division of Kullu district, farming is the backbone of the local economy and also the primary occupation of the inhabitants. Livestock rearing is the second main profession after farming. It is particularly an important source of revenue in the case of high altitude ranges in the Himalayas<sup>1</sup>. In addition, seasonal and migratory pastoralism is commonly practiced in several parts of Himachal Pradesh. Many herding communities continue a long-standing tradition of moving up to alpine pastures (thatches) for the summer and descending to lower reaches in the winter<sup>1</sup>.

Till recent past, Tirthan Sanctuary's high altitude forests and alpine areas have been used for sheep grazing by local villagers as well as migratory graziers. However in Sainj wildlife sanctuary human habitation still exists. The present proposed study is an attempt to determine the detrimental effect of livestock grazing and recommendation to phase it out in and around

<sup>1</sup>Mehra, B. S. and Mathur, P. K. 2001. Livestock grazing in the Great Himalayan National Park Conservation Area – A landscape level assessment. Himalaya 21(2).

Following are the objectives of study:-

1. To assess the current status of livestock grazing pressure by domestic graziers in and around the Tirthan&Sainj wildlife sanctuaries.
2. To assess the extent of migratory pastoralism in Tirthan&Sainj wildlife Sanctuary.
3. To assess the habitat degradation happening in and around of Tirthan&Sainj Wildlife Sanctuaries due to domestic as well as migratory graziers, if any.
4. Recommendation and phase out plan to stop grazing in coming years in the sanctuary area.

#### **4. Area &Duration of the Study:-**

The area of the study is Tirthan&Sainj Wildlife Sanctuaries covering an area of 61 km<sup>2</sup>& 90 km<sup>2</sup>respectively and its periphery in Eco-zone managed by GHNP (average aerial distance 6 Km). Duration of study will be five months

#### **5. Proposed Activities:-**

1. Review of old literature and to find out the villages involved in grazing practice in and around Tirthan&Sainj Wildlife Sanctuaries.
2. Field visits to the sanctuary area and to assess the impact of local grazing.
3. Study the present status of grazing animals (number of animals, type of animal, productive, unproductive and the grazing pressure on private and forest land) in the eco-zone area nearby to the sanctuaries. More focus on areas surrounding the hamlets/villages (Shugwar, Shakti and Maror) in Sainj WLS.
4. Impact of migratory pastoralism in the sanctuaries and to find out number of such graziers, number of animals they take to the sanctuaries and duration of their stay in sanctuaries, if any.
5. To find out the impact of grazing on flora and biodiversity in Tirthan wildlife Sanctuary by the local as well as migratory graziers, if any.
6. To assess the perspective of local communities on the grazing ban and to study the possible alternatives that could be adopted by them.
7. To prepare a phasing out & reduction plan for the grazing pressure in and around the Tirthan&Sainj Wildlife Sanctuaries.

8. Proposal of monetary compensation for Ecosystem services provided by people of this area, if any in consonance with “State policy on Ecosystem Services in HP, 2013”.

## 6. Deliverables:-

The list of deliverables with timeline is given below

Sr. No.	Deliverables	Timeline
1	Inception report submission along with methodology to be followed for the study	Within 15 days from the date of work allotment
2	Meeting with the GHNP managers to finalize the questionnaire	Within one month from the date of allotment of work
3	Completion of field work and data sets	By 4 <sup>th</sup> month from the date of allotment of work
4	1 <sup>st</sup> Draft submission report for the comments by the GHNP managers	15 days before the completion of 5 months
5	Presentation to the GHNP managers, incorporating GHNP managers view point	5 days before submitting the final draft
6	Final report to be submitted to the satisfaction of Chief Conservator of Forests (GHNP circle)	On completion of 5 months from the date of allotment of work
7	Submission of 4 hard copies of report, soft copies of report along with all field data collected during the study to GHNP officials	On completion of 5 months from the date of allotment of work

**Note:- Reports on Tirthan and Sainj Wildlife Sanctuaries will be submitted separately.**

## 7. Fund Release Installments:-

Funds will be released in installments in a progressive manner against the deliverables

1. 1<sup>st</sup> installment of 10% of the total amount after the submission of inception report
2. 2<sup>nd</sup> installment of 30% of the total amount after completion of field work
3. 3<sup>rd</sup> installment of 40% of the total amount after the submission of 1<sup>st</sup> draft

4. 4<sup>th</sup> installment of 20% of the total amount after the final draft submission along with 4 hard copies of report, soft copies and all the data collected during the study

#### **8. Selection Process: -**

The process of selection will be QCBS(Quality cum Cost-Based selection). The selection process in detail is mentioned as Annexure – A of this document

#### **9. Logistics arrangement:-**

The consultant shall be responsible for all the logistical arrangements related to travel, accommodation, working space etc. The Park management shall try to facilitate the provision of accommodation in rest houses wherever possible, at the applicable rates.

#### **10. Intellectual Property Rights:-**

All the data, reports and visuals generated by the study shall remain the property of the GHNP administration, however authorship of the researcher shall be acknowledged. No publication of the results of the study shall be made without the prior consent of the GHNP administration.

**Note: The Executive member cum Deputy Conservator of Forests GHNP reserve the right to reject all or any of the bid/tender/proposal without assigning any reasons what so ever.**

## Annexure - A

### Selection Process:-

The selection process will consist of two steps: - Eligibility criteria/Pre-Qualification and Quality cum Cost-Based Selection (QCBS)

- 1) **Pre-Qualification:-** It aims to shortlist proposals from only the genuine reputed consultant institutions/agencies.
  - a. Firm/Bidder/Agency/Institution should have at least five years of research experience in the Plant Science/Social Science/ Animal Science/ Rangeland management/Protected Area Management
  - b. Principal Investigator/Team leader should at least have five research paper in reputed journal in the field of Plant Science/Social Science/ Animal Science/ Rangeland management/Protected Area Management

The supporting documents for pre-qualification should be sealed in an envelope marking on it as Prequalification

- 2) **QCBS:-**Ratio of technical and financial bid will be 70% and 30% respectively.The bidder/agency/institution shall submit the complete proposal which consist of Pre-qualification, Technical Proposal and financial proposal sealed in different envelopes and marked as Pre-qualification, technical bid and financial bid, will be given together in a single envelope addressed to Deputy Conservator of Forests GHNPShamshi.The proposals/bids should be sent by registered post/courier service only

### 2.1) Technical Proposal:-

- i. The total maximum marks for evaluation of Technical Proposal are 100. This score shall be based on an assessment of the Technical Proposal of the Bidder/agency/institution. The Technical Proposal for each Proposal submitted by the Bidder would be assessed through rating of various parameters set out in the table below:-

Sr. No.	Evaluation Criteria	Maximum points/marks	Supporting documents
1	Organizational existence (2 marks for each full year of existence, subject to maximum 10 marks)	10	Relevant documents pertaining
2	Organization's turnover in last three years (2 marks each for INR 25 lakh	10	Relevant documents pertaining

	turnover, subject to maximum 10 marks)		
3	Number of consulting works undertaken in natural resource management in last three years (3 marks each for one completed assignment/work, subject to maximum 15 marks)	15	Relevant documents pertaining
4	<p>Team composition, team leader and team members experience and CVs</p> <p>a) Team leader's experience in natural resource management/ WL management/ Animal husbandry (more than 10 years of experience = 5 marks, 5-10 years = 3 marks, 3-5 years = 1 marks, less than 3 years = 0 marks)</p> <p>b) Team composition evaluation: Team consisting of Forest Officer (not less than the rank of DFO), Sociologist, Statistician, Animal husbandry specialist(if not the team leader) and community mobilization specialist (maximum 10 marks, 2 marks for each expert involved in the team)</p> <p>c) Evaluation of Experience of team members with number of years of experience (maximum 10 marks, for each expert member maximum 2 marks according to the year of experience he/she is having, 0-3 years = 0 mark, 3-6 years = 1</p>	25 i.e. (5+10+10)	CVs, experience certificates and any other relevant documents



	mark, 6 years and above = 2 marks)		
5	Methodology: Sampling design, statistical analysis, confidence level, work flow and use of new technology etc.	20	Conceptual research proposal submitted
6	Presentation of the conceptual plan including responses to the questions	20	30 minutes PPT to be presented before evaluation committee (in person or through VC)
	Total	100	

The documents submitted for the technical proposal should be as per the sequence mentioned in the above table and numbered. Presentation of the conceptual plan will be held on the day of opening of technical bid. The time for Presentations will be intimated telephonically. Mode of presentation of conceptual plan will be video conferencing

## 2.2) Financial Proposal:-

Prices shall be quoted entirely in Indian Rupees (INR) & must be arrived at after including all expenses, rates, applicable taxes and including GST as per the prevailing rates. The methodology for assigning marks for financial proposal is given in detail at point number 4 of Methodology of Evaluation – QCBS.

The envelope containing Financial Proposal should be clearly marked, **“Financial Proposal; Do not Open with Technical Proposal”**.

## Methodology of Evaluation- Quality cum Cost Based Selection

1. The combined final score of technical and financial bids shall be considered for award of the study. The study shall be awarded to the Agency scoring the highest final weighted score.

2. The weightage for the technical proposal and financial proposal in the combined final score will be 70% and 30% respectively.
3. The marking scheme for technical proposal will be as per details given in the above table. Technical score ( $S_t$ ) shall be out of 100.
4. The Financial Proposal shall be evaluated using the following methodology:
  - a) The lowest Financial Proposal ( $F_m$ ) will be given a financial score ( $S_f$ ) of 100 marks. The financial scores ( $S_f$ ) of the other Financial Proposals will be determined using the following formula:  $S_f = 100 \times (F_m/F)$
  - b) In which  $S_f$  is the financial score,  $F_m$  is the lowest Financial Proposal (in INR), and  $F$  is the Financial Proposal (in INR) under consideration
5. Proposals will finally be ranked in accordance with their combined technical ( $S_t$ ) and financial ( $S_f$ ) scores. The combined total score for the award of study shall be as follow. Combined total score =  $[(S_t \times 0.7) + (S_f \times 0.3)]$

### Other Conditions for the study

Sr. No.	Conditions
1	Time duration of the study will be 5 months from the date of allotment of work
2	<p>Earnest money deposit (EMD)/Bid Security must be furnished alongwith the bids in the shape of Accounts Payees Bank Draft or duly pledged Fixed Deposit Receipts in the favour of DFO GHNP Shamshi. Amount of bid security shall be Rs 20,000/-.</p> <p>The bid security of unsuccessful bidder (s) shall be refunded to them at the earliest after the expiry of final validity period of the bid as stipulated in the document. Bid security of successful bidder shall remain in the custody of DFO GHNP Shamshitill the completion of the contract by successful bidder to the satisfaction of GHNP managers.</p>
3	<p>Performance security will be obtained from the successful bidder which will be 5% of the financial bid. Such security will be furnished in the form of an Account payee Demand Draft or duly pledged Fixed Deposit Receipt from a commercial bank in view to safeguard the interest of GHNP managers. Performance Security shall remain valid for a period of sixty days from the date of completion of the contract to the best of satisfaction of DFO GHNP.</p>
4	Tax deduction at Source will be done by DDO before approving payment to the firm/consultancy

## **Technical Proposal - Sample Forms**

## **Organization and Experience**

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### **Organization/Service Provider**

*[Provide here a brief (one page) description of the organization and general experience of the Consultant/Service provider.]*

## **Organization/Service Provider Agency's Experience**

<b>Sr. No.</b>	<b>Assignment Name</b>	<b>Approximate value</b>	<b>Duration (From – To)</b>	<b>Client</b>

### **Conceptual Research Proposal**

Conceptual research proposal can be attached along with these forms which includes Methodology: Sampling design, statistical analysis, confidence level, work flow and use of new technology etc. This conceptual research proposal will be evaluated as per the point number 5 of table given in Selection Process (QCBS) of Annexure A.

## **Format of Curriculum Vitae (CV) for Team leader and team members**

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### **1. General**

<b>Position Title and No.</b>	[e.g., K-1, TEAM LEADER] [ <i>Note: Only one candidate shall be nominated to each position.</i> ]
<b>Name of Key Expert</b>	[Insert full name]
<b>Date of Birth</b>	[day/month/year]
<b>State/Residence</b>	

### **2. Education:** [*List college/university or other specialized education, giving names of educational institutions, dates attended, degree(s)/diploma(s) obtained*]

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### **3. Employment record relevant to the assignment:** [*Starting with present position, list in reverse order. Please provide dates, name of employing organization, titles of positions held, types of activities performed and location of the assignment, and contact information of previous clients and employing organization(s) who can be contacted for references. Past employment that is not relevant to the assignment does not need to be included.*]

Period	Employing organization and your title/position. Contact information for references*	Country/State	Summary of activities performed relevant to the Assignment
[e.g., May 2010-present]	[e.g., Ministry of ....., advisor/consultant to...  For references: Tel...../e-mail.....;		

\*Contact information for references is required only for assignments during the last 3 years.

### **4. Membership in Professional Associations and Publications:**

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### **5. Language Skills (indicate only languages in which you can work):** \_\_\_\_\_

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**6. Adequacy for the Assignment:**

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**Detailed Tasks Assigned on Consultant's Team of Experts:**

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**Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks**

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**7. Certification:**

I, the undersigned, certify to the best of my knowledge and belief that:

- (i) this CV correctly describes my qualifications and my experience;
- (ii) I am committed to undertake the assignment within the validity of Proposal;
- (iii) I am not part of the team who wrote the terms of reference for this consulting services assignment;

Date: \_\_\_\_\_

\_\_\_\_\_  
[Signature of Team leader/ Team member]

\_\_\_\_\_  
Day/Month/Year



## **Financial Proposal Sample Forms**

# Financial Proposal Submission Form

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[Location, Date]

To: [Name and address of Client]

Dear Sir/Madam:

We, the undersigned, offer to provide the services for [insert name of assignment] in accordance with your Invitation of Proposal dated [insert Date] and our Technical Proposal. Our attached Financial Proposal is for the sum of [insert amount(s) in words and figures<sup>1</sup>].

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal.

**We understand you are not bound to accept any Proposal you receive.**

We remain,

Yours sincerely,

Authorized Signature : \_\_\_\_\_  
Name and Title of Signatory: \_\_\_\_\_  
Name of Firm: \_\_\_\_\_  
Address: \_\_\_\_\_

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1 This amount is inclusive of the local indirect taxes, which shall be confirmed during negotiations, and included in the Contract price.

**NOTICE INVITING TENDER**

**Ref. No.** \_\_\_\_\_

**Dated:** \_\_\_\_\_

Biodiversity Conservation Society (BiodCS) of GHNP invites proposals/bids from competent Firms/Organizations/Research Institutes etc. for a study to be conducted on “**Present status of livestock grazing and suggestive plan to phase it out in Tirthan&Sainj Wildlife Sanctuaries**”. Detailed advertisement including Terms of reference, bids format and other conditions can be accessed on our website i.e. [www.greathimalayannationalpark.org](http://www.greathimalayannationalpark.org)

Date of Publication of Tender Document (with Terms of Reference) - 10.01.2023

Last date of receiving the Proposals/Bids-----02.02.2023 upto 12:00 noon

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