

Memo No: 22.01.0000.106.29.000.2023.4085

Date: 28/11/2023

Request for Expression of Interest (REOI)

1.	Ministry/Division	Ministry of Environment, Forest and Climate Change
2.	Agency	Forest Department, Bangladesh
3.	Procuring Entity Name	Divisional Forest Officer, Wildlife Management & Nature Conservation Division, Dhaka
4.	Project/ Procuring Entity Code	22016900
5.	Procuring Entity District	Dhaka
6.	Expression of Interest for Selection of	Consulting Firm (National) (Lump-Sum)
7.	Title Of Service	Invitation for Hiring a Consultancy Firm for Feasibility Study and Developing a Master Plan for Bhawal National Park
8.	EOI Ref. No.	Memo No.-22.01.0000.106.29.000.2023.4085
9.	Date	28/11/2023
KEY INFORMATION		
10.	Procurement Sub-Method	Quality and Cost Based Selection Method (QCBS)
FUNDING INFORMATION		
11.	Budget and Source of Funds	GoB
12.	Development Partners	N/A
PARTICULAR INFORMATION		
13.	Project/Programme Name	Feasibility Study for Biodiversity Conservation and Ecotourism Development in Bhawal National Park
14.	EOI Closing Date and Time	14/12/2023 at 12:30 pm
15.	Publication Date	30/11/2023
INFORMATION FOR APPLICANT		
16.	Brief Description of Assignment	Forest Department under the Ministry of Environment, Forests and Climate Change is implementing a project entitled "Feasibility Study for Biodiversity Conservation and Ecotourism Development in Bhawal National Park" in Bhawal National Park, Gazipur Feasibility Study for assessing the environmental, physical, and economic suitability for the conservation of biodiversity, Biodiversity assessment, DPP, EIA Report, drawing and design of infrastructure, Digital Map, Masterplan, Communication Materials and the development of ecotourism in Bhawal National Park.
17.	Experience, Resources and Delivery Capacity Required	The firm must have 10 (Ten) years of experience in the related field conducting feasibility studies, Cadastral Survey, and EIA for development projects. The firm must have at least 5 (five) project experiences in conducting feasibility studies and Development Project Proforma (DPP) for any government projects. The firm must have experience in working with the Government of Bangladesh to know the Feasibility and DPP format of the Ministry of Planning. The firm must have adequate manpower and facilities to conduct the study. The firm must have an updated registration certificate, TIN and BIN.
18.	Other Details (if applicable)	Interested firm must provide documents (brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, capacity, logistics etc. in support of their experience and qualifications demonstrating that they are fully qualified to perform the services along with the EoI. Registration of Firm, up to date Trade license, Income Tax certificate, VAT Certificate, Bank Solvency certificate, Audit Report of the last year, Annual Turnover of last 3 years, JV agreement/letter of intent (if applicable). Interested Firms are requested to submit their EoI in 2(Two) sets, 1 (one) original & 1(one) duplicate in a sealed envelope and externally marked title of the Service must be on or before the specified date and time. Only short-listed firms will be allowed to submit RFP (Request for Proposal). The detailed Terms of Reference (ToR) for the assignment is available on the website: www.bforest.gov.bd and also in the office of the PE and PD.
PROCURING ENTITY DETAILS		
19.	Name of Official Inviting EOI	Sharmin Akter
20.	Designation of Official Inviting EOI	Project Director and Divisional Forest Officer, Wildlife Management & Nature Conservation Division, Dhaka.
21.	Address of Official Inviting EOI	Office of the Project Director, Feasibility Study for Biodiversity Conservation and Ecotourism Development in Bhawal National Park and Divisional Forest Officer, Wildlife Management & Nature Conservation Division, Old Ban Bhaban, Mohakhali, Dhaka-1212.
22.	Contact details of Official Inviting EOI	Phone: 02-41080100; Email: wildlifedhaka01@gmail.com ; Mobile No- 01999000335

The procuring entity reserves the right to accept or reject all tenders.


(Sharmin Akter)

Divisional Forest Officer, Wildlife Management & Nature Conservation Division, Old Ban Bhaban, 5th floor, Mohakhali, Dhaka-1212 and
Project Director, Feasibility Study for Biodiversity Conservation and Ecotourism Development in Bhawal National Park

28/11/2023

Terms of Reference

Hiring a Consultancy Firm for Feasibility Study for Biodiversity Conservation and Ecotourism Development in Bhawal National Park.

1. Background:

Bhawal National Park with an area of about 5,022 hectares was declared as protected area through the Bangladesh Wildlife (Preservation) Order, 1973 and subsequently enacted and amended in two phases as the Bangladesh Wildlife (Preservation, Amendment) Act, 1974. On 11 May 1982, the Bhawal National Park was Notified, by the Ministry of Agriculture and Forest under the power of section 23(3) of the Bangladesh Wildlife (preservation, amendment) Act, 1974 under the notification 11/For 64/81/318. It is a source of very important genetic resources in the region. The park is located at 24° 20' N to 24° 100' N latitude and 90° 22' E to 90° 28' E longitude in the District of Gazipur. It embraces lands located in the Mauzas of Arishaprashad, Bishayakuri Bari, Baraipara, Bankharia, Uttar Salna, Baupara, Bhahadpur and Mohana Bhabanipur. It comprises seven forest beats namely (1) Park Beat. (2) Bankharia (3) Baupara (4) Rajendrapur west (5) Baroipara (6) Bhabanipur (7) Bishayakuri-Bari (B.K.Bari).

Forest Department under the Ministry of Environment, Forests and Climate Change is implementing a project entitled "Feasibility Study for Biodiversity Conservation and Ecotourism Development in Bhawal National Park" in Bhawal National Park, Gazipur for assessing the environmental, physical, and economic suitability for the conservation of biodiversity and the development of ecotourism in Bhawal National Park. This project also plans to prepare a master plan for long-term management and development of Bhawal National Park.

2. Objectives of the Assignment:

The overall objective of this assignment is to conduct a feasibility study for biodiversity conservation and ecotourism development in Bhawal National Park and prepare a master plan for Bhawal National Park.

The specific objectives of the assignment are as follows:

- To assess the status of the existing infrastructures and tourism facilities.
- To assess the existing status of soil, surface water, groundwater, hydrology, hydrogeology, soil characteristics, etc.
- To conduct surveys for soil testing and sub-soil investigation.
- To prepare appropriate/suitable designs as per requirement for the development of infrastructures based on feasibility study.
- Assess the financial requirements and environmental impact of tourism development.

- To conduct a Land Survey and provide a detailed map of the National Park.
- To prepare the feasibility study report and develop DPP based on the feasibility study for biodiversity conservation and ecotourism development in Bhawal National Park.
- To assess existing facilities, opportunities and constraints of the Bhawal National Park and identify future interventions for Biodiversity Conservation and Ecotourism Development.
- To conduct detailed biodiversity assessment and assess forest resources.
- To assess the visitor carrying capacity.
- To prepare a 25-year Master Plan for the management and development of Bhawal National Park.

3. Scope of Services:

The scope of services of the firm but not limited to the following:

3.1 Feasibility Study

- 1. Assess the status of the existing infrastructures and tourism facilities.**
- 2. Prepare standard infrastructural development/design as per requirements.**

The scope of works of the assignment is to prepare Architectural and Engineering design/drawings and Cost Estimates for the feasibility report and DPP preparation. After detailed consultation and review of design documents of infrastructure will be developed under this assignment.

3. Conceptual Design and Documents

In the preliminary phase of design and documentation preparation, the Consultant will carry out the following tasks:

- Identify the functional works requirement for the purpose,
- Identify the type of structure viz. RCC Frame or Composite Frame.
- Determine orientation of Infrastructure and facilities to be incorporated for proper and efficient functioning of developments.
- Determine appropriate foundation design for the construction of all infrastructures.
- Prepare a master plan and landscaping drawing.

4. Design Development Documents

Using the approved preliminary drawings, the Consultant will prepare the design development documents.

5. Preparation of Preliminary Engineering Drawings

Based on the preliminary architectural drawings, the Consultant shall prepare preliminary engineering design of the proposed infrastructure for necessary approval from the Competent Authority. Conceptual engineering design will include Structural design, Electrical design, Plumbing and Sanitary design, Mechanical design, Firefighting and Gas line Design and Drawing as per requirement.

6. Preparation of Estimated Costing



Based on Preliminary architectural and engineering drawings, the consultant will prepare preliminary cost estimates of the project. At the time of preparation of preliminary cost estimates, every effort is to be made to ensure that no item of work is left out and the cost estimate will not be increased when the actual infrastructure is built.

7. Another related task

Any relevant task/work seems necessary to conduct the feasibility study.

3.2 Design of Site-specific Buildings

The following Scope of Services will be performed in designing Site Specific Infrastructures as per requirements to be constructed in the proposed project area:

Site investigation:

The Consultant will carry out the field investigation work including site analysis, land survey, sub-soil investigation, environmental impact assessment etc. as per requirements for the construction works as follows:

- Environmental Impact Assessment (EIA)
- Socio-economic Impact Assessment
- Site analysis
- Land survey
- Topographic survey
- Sub-soil investigation
- Hydrology, hydrogeological survey etc.

3.3 Land Survey

- Land survey of the existing land use
- Conduct digital surveys as per the survey brief from PD.
- In consultation with the relevant stakeholders, draw up a land use strategy for the National Park.
- Identify, assess, and address the existing conditions, Issues, problems and the development potential of the National Park in order to finalize the land use strategy.

3.4 Preparation of Master Plan

Prepare a 25-year Master Plan for the management and development of Bhawal National Park considering the existing visitor facilities, carrying capacity of the visitors, forest resources and biodiversity, development needs, threats and challenges for the management and conservation of this park. Develop a guideline/ module for waste management of the National Park. Prepare an Animated Presentation of the Master Plan.

4. Qualification/Experience of the Consulting Firm:

- The firm must have 10 (Ten) years of experience in the related field conducting feasibility studies, Cadastral Survey, and EIA for development projects.
- The firm must have at least 5 (five) project experiences in conducting feasibility studies and Development Project Proforma (DPP) for any government projects.



The firm must have experience in working with the Government of Bangladesh to know the Feasibility and DPP format of the Ministry of Planning.

- The firm must have adequate manpower and facilities to conduct the study.
- Interested firm must provide documents (brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, capacity, logistics etc. in support of their experience and qualifications demonstrating that they are fully qualified to perform the services along with the EoI.
- Registration of Firm, up to date Trade license, Income Tax certificate, VAT Certificate, Bank Solvency certificate, Audit Report of the last year, Annual Turnover of last 3 years, JV agreement/letter of intent (if applicable).
- Interested Firms are requested to submit their EoI in 2(Two) sets, 1 (one) original & 1(one) duplicate in a sealed envelope and externally marked title of the Service must be on or before the specified date and time.

5. Team Composition:

To complete the assignment, the Consultant will assemble a multi-disciplinary team of technical experts with substantial experience and adequate educational backgrounds to ensure that the services are carried out in a professional and timely manner. The team will include, but may not be limited to:

Key Experts

Sl. No.	Position	Minimum Educational Qualifications	Experience and Expertise
1.	Team Leader (8 MM)	At least master's in environmental science/Civil Engineering, Natural Resource Management or related subjects and B.Sc. in Civil Engineering from any recognized university. Also having membership with IEB. Membership in Peng. will be added as additional qualification.	<ul style="list-style-type: none"> • Minimum of 20 years of total experience after graduation in his/her profession, of which at least 15 years of working experience in designing and supervision of construction works related projects. • Shall have experience working as Team Leader in at least in two similar assignments within last 10 years. (Feasibility or Construction supervision)
2.	Landscape Designer (4 MM)	At least master's in urban and Rural Planning or related subjects from any recognized university.	<ul style="list-style-type: none"> • Minimum of 10 years of experience after Post graduation, of which at least 8 years' experience as working in area or similar nature of job.
3.	Architectural Engineer (4 MM)	At least master's in environmental science and Bachelor of Architecture from any recognized	<ul style="list-style-type: none"> • Minimum of 10 years of experience after graduation, of which at least 8 years' experience as working in area or

Sl. No.	Position	Minimum Educational Qualifications	Experience and Expertise
		university. Also having membership with IAB.	similar nature of job.
4.	Forestry Expert (8 MM)	At least Masters and bachelor's in forestry from any recognized university. PhD will be an added advantage.	<ul style="list-style-type: none"> Minimum of 10 years of experience after Post graduation, of which at least 8 years' experience as working in area or similar nature of job.
5.	Wildlife Expert (8 MM)	At least Masters and Bachelor in Zoology/ Wildlife Ecology, Management and Conservation Biology from any recognized university. PhD will be an added advantage.	<ul style="list-style-type: none"> Minimum of 10 years of experience after Post graduation, of which at least 8 years' experience as working in area or similar nature of job.
6.	Eco Tourism Expert (6 MM)	At least Masters and bachelor's in forestry from any recognized university. PhD will be an added advantage.	<ul style="list-style-type: none"> Minimum of 10 years of experience after Post graduation, of which at least 5 years' experience as working in area or similar nature of job.
7.	Environmental Study/ EIA Specialist (3 MM)	At least master's in environmental science, Natural Resource Management or related subjects and Bachelor in Life Science related subjects from any recognized university.	<ul style="list-style-type: none"> Minimum of 10 years of experience after Post graduation, of which at least 8 years' experience as working in area or similar nature of job.
8.	Sociologist/ Socio-economic assessment Specialist (4 MM)	At least Masters and bachelor's in social science or related subjects from any recognized university.	<ul style="list-style-type: none"> Minimum of 10 years of experience after Post graduation, of which at least 8 years' experience as working in area or similar nature of job.
9.	GIS Expert (4 MM)	At least Masters in Geography and Environment, Forestry, or related subjects from any recognized university.	<ul style="list-style-type: none"> Minimum of 10 years of experience after Post graduation, of which at least 8 years' experience as working in area or similar nature of job.
10.	Communication Expert (3 MM)	At least Masters in Forestry, Mass communication, Social Science or related subjects from any recognized university.	<ul style="list-style-type: none"> Minimum of 10 years of experience after Post graduation, of which at least 8 years' experience as working in area or similar nature of job.

Sl. No.	Position	Minimum Educational Qualifications	Experience and Expertise
11.	Land Survey Expert (6 MM)	At least bachelor's in civil engineering from any recognized university. Also having membership with IEB.	<ul style="list-style-type: none"> Minimum of 10 years of experience after graduation, of which at least 8 years of experience in land survey, digital survey, cadastral survey related projects.
12.	DPP Preparation Consultant (4 MM)	At least Masters and bachelor's in economics or related subjects from any recognized university. PhD will be an added advantage.	<ul style="list-style-type: none"> Minimum of 10 years of experience after Post graduation, of which at least 8 years' experience as working in area or similar nature of job. Shall have experience working at least in two similar assignments.
13.	Junior DPP Preparation Consultant (4 MM)	At least Masters and bachelor's in economics or related subjects from any recognized university.	<ul style="list-style-type: none"> Minimum of 05 years of professional experience after post-graduation, of which at least 3 years of experience working in area or similar nature of job.
14.	Junior Consultant (Civil Engineer) (6 MM)	At least bachelor's in civil engineering from any recognized university.	<ul style="list-style-type: none"> Minimum of 05 years of professional experience working in area or similar nature of job.
15.	Junior Consultant (Architectural Engineer) (4 MM)	At least bachelor's in architecture from any recognized university.	<ul style="list-style-type: none"> Minimum of 05 years of professional experience working in area or similar nature of job.

Additional Non-Key Experts i.e., Finance and Admin Officer, Enumerator, Surveyor, Data Entry Operator, etc. to be engaged as necessary to accomplish the assignment.

6. Transfer of Knowledge (Seminar/Consultation Workshop/Training):

This Consultancy is expected to foster capacity development and knowledge transfer through learning by doing and training the forest employees and arranging awareness programs for visitors, etc. It will utilize internationally accepted, culturally appropriate, and gender-sensitive methods and approaches along with traditional knowledge.

7. Deliverables and Schedule of Deliverables:

Following are the primarily identified outputs, which could be redesigned and extended in consultation with the procuring entity based on the needs of evaluation to achieve its overall objectives.

No.	Deliverables	Timelines
1.	Inception Report	Due by 2 weeks after signing the contract (hard copy and soft copy)
2.	Quarterly Progress Report	Due by every 3 Months after signing the contract (hard copy and soft copy)
3.	Land Survey Report	Due by 4 Months after signing the contract (hard copy and soft copy)
4.	Feasibility Study Report following the format of the Planning Commission	Draft feasibility study report to be submitted by 5 months after signing the contract (hard copy and soft copy); Final submission by 6 months after signing the contract addressing the comment from the validation workshop (hard copy and soft copy) and BFD Acceptance Committee.
5.	Final DPP submission following the format of the Planning Commission	Due by 6 months after signing the contract (hard copy and soft copy)
6.	Draft DPP validated by BFD Acceptance committee	2 weeks after review the draft DPP
7.	Master Plan along with Animated Presentation of the Master Plan	Draft Master Plan to be submitted by 7 months after signing the contract; Final Submission by 8 months after signing the contract addressing the comment from the validation workshop (hard copy and soft copy) BFD Acceptance Committee.

8. Institutional Arrangements:

Divisional Forest Officer (DFO) of Wildlife Management and Nature Conservation Division (WMNCD), Dhaka represents the Client for this assignment. The Consultant will work under the direct supervision of the DFO of WMNCD, Dhaka and the Conservator of Forests (CF) of Wildlife and Nature Conservation Circle, Forest Department. DFO will assist the consultant team as required, particularly regarding available forest data of the study area. S (he) will also support the Consultants that the objective of the assignment, as detailed in the ToR, would be achieved within the agreed schedule, and that the contents of the Feasibility Study, DPP and Master plan are acceptable to the Government of Bangladesh. (S) he will supervise the execution of the study and will monitor progress according to the objectives set in the ToR. S(he) will facilitate meetings between the consultants and BFD professional staff to discuss technical issues. Any unresolved issues, either technical or otherwise, will be taken up with BFD's senior technical personnel or other GoB agencies as required.



9. Consultant Responsibilities:

Data, personnel, required equipment, facilities and services will be provided by the Consultant as detailed in this ToR. The Consultant will mobilize the necessary expertise for the effective delivery of the services as stipulated in the scope of works and ToR. The Consultant will carry out the services in the best interest of the Client with reasonable care, skills and diligence in line with sound professional, administrative and financial practices. Field surveys and field data collection will be carried out in coordination with field officers of BFD (Division/Range/Beat Officers). The Consultant will be responsible to the client for the execution of the contract according to the terms and conditions spelt out therein.

10. Duration of the Services:

The duration of the consultancy services is 8 (Eight) months from the commencement date of the Contract.



(Sharmin Akter)

Divisional Forest Officer, Wildlife Management & Nature Conservation Division,
Old Ban Bhaban, 5th floor, Mohakhali, Dhaka-1212

&

Project Director, Feasibility Study for Biodiversity Conservation and Ecotourism
Development in Bhawal National Park.