



# Madhya Pradesh State Biodiversity Board

(Department of Forest, Government of Madhya Pradesh)

Department of Forest, Government of Madhya Pradesh

## Project Title

**Establishment of Biodiversity Park at  
Nagar Van, Mor Van, Shahpura, Bhopal (M.P.)**

## Request for Proposal (RFP)

**for Preparation of Detailed Project Report (DPR)**

Makhan Lal Chaturvedi University, Fourth Floor, B-38,  
Vikas Bhavan, Zone-1 M.P. Nagar, Bhopal – 462011  
Website: [www.mpforest.gov.in/mpsbb](http://www.mpforest.gov.in/mpsbb), Email: [mpsbb@mp.gov.in](mailto:mpsbb@mp.gov.in)

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## SECTION - I

### Request for Proposal (RFP)

The purpose of this document is to invite Proposals from Government /Semi government (Central/State) Institutes or Organization/ Registered private companies, Firms, Trusts registered under the GOI Act/ Rules or State Govt Act/Rules (**hereafter, Applicants**) to prepare a Detailed Project Report (DPR) for the establishment of the Biodiversity Park at Mor Van, Shahpura, Bhopal, Madhya Pradesh. The Applicant should have a track record of technical competence, expertise, and experience in forest landscaping, eco-tourism, eco-amusement centres, horticulture works, biodiversity, and environment-friendly infrastructure development activities, in the preparation of DPR of Biodiversity Parks or similar projects/schemes of Central/State government or with them in Public Private Partnership mode. Following are considered as similar projects:

- a. Biological gardens/Botanical garden
- b. Nature Park /Ecotourism Project

The Madhya Pradesh State Biodiversity Board (MPSBB) is not bound to select, shortlist and appoint any Applicant. MPSBB reserves the right to reject all or any of the submissions without assigning any reasons.

The interested Applicant who is submitting the Proposal shall bear all costs relating to the preparation and submission of the Proposal and any demonstrations or presentations pertaining to it, which may be required by MPSBB.

MPSBB may, in its absolute discretion, but without being under any obligation to do so, update, amend, or supplement the information, assessment, or assumptions contained in this RFP document.

**PCCF and Member Secretary**  
Madhya Pradesh State Biodiversity Board  
Department of Forest, Government of Madhya Pradesh



**Madhya Pradesh State Biodiversity Board**  
**Department of Forest, Government of Madhya Pradesh**  
**Makhan Lal Chaturvedi University, Fourth Floor, B-38, Vikas Bhavan,**  
**Zone-1 M.P. Nagar, Bhopal-462011**

Website [www.mpforest.gov.in/mpsbb](http://www.mpforest.gov.in/mpsbb), Email: [mpsbb@mp.gov.in](mailto:mpsbb@mp.gov.in)

No. MPSBB/2280

Dated: 04.10.2024

## **A- Letter of Invitation for Proposal**

Dear Sir/Madam,

Madhya Pradesh State Biodiversity Board (MPSBB) invites Proposals from Government/ Semi government (Central/State) Institutes or Organizations/ Registered private companies, Firms, Trusts registered under the GOI Act/ Rules or State Govt Act/Rules (**hereafter, Applicants**) to prepare a Detailed Project Report (DPR) for the establishment of "Biodiversity Park at Shahpura, Bhopal, Madhya Pradesh".

The RFP document contains the details of Information regarding the Project (section-II), Guidelines for submission of the Proposal (section-III), Shortlisting and Eligibility criteria for Applicants (section-IV), and Technical details (concept note-{Annexure-1}, Technical report-{Annexure-2}, and Proposed activities-{Annexure-3}), along with other related information. RFP is available on the e-tender portal at [www.mptenders.gov.in](http://www.mptenders.gov.in) as well as on the MPSBB website at [www.mpforest.gov.in/mpsbb](http://www.mpforest.gov.in/mpsbb). Applicants having a track record of technical competence, expertise, and experience in forest landscaping, eco-tourism, eco-amusement centers, horticulture work, biodiversity, and environment-friendly infrastructure development activities in the development of biodiversity parks or similar projects/schemes, viz., nature parks or ecotourism projects/biological gardens or botanical gardens and willing to undertake this project, may upload the Proposal on e-tender portal [www.mptenders.gov.in](http://www.mptenders.gov.in) on or before 04.11.2024 by 05.30 PM. Earnest Money Deposit (EMD) for the RFP is Rs. 3,00,000/- (INR Three Lakh Only), and the RFP document fee (non-refundable, payable with submission of the Proposal) is Rs. 5,000/- (INR Five Thousand Only). Both the EMD and RFP document fees will be accepted online by the e-tender gateway.

The Applicants are strictly advised to follow the time schedule (Key Dates) of the tender process on their side for tasks and responsibilities to participate, as all the stages of each bid are locked before the start time and date, and after the end time and date for the relevant stage of the bid as set by the MPSBB.

**Timeline for e-tender process is given below:**

<b>S. No.</b>	<b>Description</b>	<b>Date</b>
1	Publishing Date	07.10.2024
2	Pre-bid-Conference and Field Visit	18.10.2024
3	Pre-bid amendment/clarification upload date	21.10.2024
4	Bid Submission Start Date	28.10.2024 (10.00 AM)
5	Bid Submission End Date	04.11.2024 (05.30 PM)
6	Bid Opening Date (Technical)	07.11.2024
7	Publication of Preliminary Short-list	13.11.2024
8	Presentation by shortlisted Applicants	25.11.2024 and 26.11.2024
9	Publication of Final Short-list on the basis of Technical Proposal	04.12.2024
10	Bid Opening Date (Financial)	09.12.2024
11	Publication of Final Selected Applicant	17.12.2024
12	Agreement signing date (Tentative)	16.01.2025

The details of all approved decisions pertaining to this RFP will be published on the e-tender portal at [www.mptenders.gov.in](http://www.mptenders.gov.in) and the MPSBB website at [www.mpforest.gov.in/mpsbb](http://www.mpforest.gov.in/mpsbb).

Duly completed Proposals should be submitted online on or before the due date at [www.mptenders.gov.in](http://www.mptenders.gov.in). Proposals received without EMD, document fee, and copies of relevant documents (as required) will not be considered and shall be summarily rejected. Details regarding the same can be obtained from the MPSBB website at [www.mpforest.gov.in/mpsbb](http://www.mpforest.gov.in/mpsbb).

Correspondence: Madhya Pradesh State Biodiversity Board, Department of Forest, Government of Madhya Pradesh, Makhan Lal Chaturvedi University, Fourth Floor, B-38, Vikas Bhavan, Zone-1 M.P. Nagar, Bhopal (M.P.)

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**PCCF and Member Secretary**  
Madhya Pradesh State Biodiversity Board  
Department of Forest, Government of Madhya Pradesh



## Madhya Pradesh State Biodiversity Board

Department of Forest, Government of Madhya Pradesh  
Makhan Lal Chaturvedi University, Fourth Floor, B-38, Vikas Bhavan, Zone-1 M.P.  
Nagar, Bhopal-462011

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### B- Advertisement

#### INVITATION FOR SUBMITTING THE PROPOSAL

Madhya Pradesh State Biodiversity Board (MPSBB) invites Proposals from Government/ Semi government (Central/State) Institutes or Organizations/ Registered private companies, Firms, Trusts registered under the GOI Act/ Rules or State Govt Act/Rules (**hereafter, Applicants**) to prepare a Detailed Project Report (DPR) for the establishment of "Biodiversity Park at Shahpura, Bhopal, Madhya Pradesh".

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Phone: 0755 - 2554549 / 2554539

**Member Secretary**

Madhya Pradesh State Biodiversity Board  
Department of Forest, Government of Madhya Pradesh

## SECTION - II

### Brief Information regarding Project

#### A. Background

The Mor Van, Shahpura City Forest Bhopal (MP) is a green space, with a wide range of floral and faunal diversity. It is situated in the heart of Bhopal city. There is a need to secure, protect, and develop this green space for the purpose of biodiversity conservation, recreation, and nature education activities. The Madhya Pradesh State Biodiversity Board, Government of Madhya Pradesh, is thus venturing into a prestigious project to establish “Biodiversity Park” at Shahpura, Bhopal. The concept of the development of a “Biodiversity Park” aiming for biodiversity conservation along with nature education and recreation is first of its kind in the State of Madhya Pradesh.

#### B. Project Implementation Agency (PIA)

Madhya Pradesh State Biodiversity Board (MPSBB) along with MP Forest Department (henceforth called PIA). They will manage the operations and maintenance of “Biodiversity Park” on their own.

#### C. Agency for Technical Support

##### **Madhya Pradesh State Biodiversity Board (MPSBB), Bhopal, and Madhya Pradesh Forest Department**

- a. The Madhya Pradesh State Biodiversity Board has been constituted by the state government as per the provisions of the Biological Diversity Act, 2002, notified by the government of India. The notification regarding the constitution of the Board was issued on 11th April, 2005.
- b. The Function of the Board is regulatory and advisory to achieve the following objectives of the Biological Diversity Act, 2002:
  - Conservation of biodiversity,
  - Sustainable use of its components and
  - Equitable sharing of benefits arising out of the use of biological resources and associated traditional knowledge.
- c. All the necessary approval will be taken from the **Technical Committee of Biodiversity Park**, constituted for this purpose.



- d. The PIA will provide all available information to Applicants related to the proposed area. However, the Applicant is supposed to do the research and suggest viable interventions for the project.

## D. Project Objectives

The proposed Park is to be developed as a state-of-the-art Biodiversity Park. The park would be developed comprehensively so as to fulfill the following objectives :

- a. **Biodiversity Conservation-** In-situ and ex-situ conservation of flora and fauna at the existing site in accordance with the neighbouring reference ecosystem.
- b. **Environmental/Biodiversity Education-** Development of facilities for teaching, imparting training and creating awareness among different stakeholders on biodiversity conservation, environment protection and sustainable management of natural resources.
- c. **Recreation-** Development of environment-supported eco-friendly infrastructure for recreation to promote Ecotourism.

## E. Project Concept Note

The concept note for Biodiversity Park is attached in [Annexure-1](#)

## F. Technical Report

The technical report for the proposed Park area is attached in [Annexure-2](#)

## G. Proposed Activities and Infrastructure

The Biodiversity Park Technical Committee has identified activities along with required infrastructure and suggested implementing them in the proposed Park area. The details of proposed activities in [Annexure-3](#) and proposed infrastructure are attached in [Annexure-3A](#). This is just for reference and not the complete set of information. The activities may be increased or decreased or changed and same should be incorporated in the DPR.

## H. Scope of Work

Scope of work will be based on concept note, technical report and proposed activities for the establishment of Biodiversity Park in the selected area of land. Some important aspects are presented below:

- a. Project work will be based on the theme “biodiversity”. Therefore, Applicant should be well versed in the field of environment protection, biodiversity conservation and should be aware of applicable acts, rules and regulations. The Applicant should go through the concept note, technical report of the proposed Biodiversity Park and the proposed area for enriching the project with their experience, exposure and expert knowledge.
- b. The proposed area is “Chote-Bade Ped ka Jungle” on revenue land therefore the DPR should be prepared by understanding the **Forest Acts and Rules**.
- c. The Applicant, along with its team of experienced experts, will carry out an inspection of the proposed site before drafting a DPR. This is to ensure that all necessary information and vital data related to contours, boundaries, flora, fauna, and available infrastructure are collected by the Applicant before the initiation of the preparation of the DPR’s drawings and physical interventions.
- d. The Applicant shall map and identify local stakeholders and communities, including those likely to influence, contribute to and be affected by the proposed interventions. The Applicant will also gather stakeholders’ suggestions, insights, and concerns to give due consideration to them in the DPR.
- e. The Applicant shall prepare a Detail Project Report (DPR) of the park and a concept plan by including all desired parameters/specifications of proposed activities. The DPR will also include details of appropriate places identified by the Applicant in the proposed Biodiversity park area in consultation with PIA.
- f. The Applicant shall prepare DPR by incorporating operational and sustainability aspects of the Biodiversity Park and include the institutional arrangements for sustainability and various standard operating procedures.

## I. Detailed Project Report (DPR) Guidelines

The Applicant will prepare DPR with the following guidelines -

### a. DPR preparation

- i. The DPR will be prepared with complete technical and financial details, including an area-specific approach, along with the creation of nature-supporting green/sustainable infrastructure and their alternatives. The options for better implementation and management of proposed different activities in different modes (government, public-private partnership (PPP), and private mode) should be suggested in the DPR.
- ii. The Applicant will also identify if there is any adverse impact due to proposed interventions such as loss of immovable assets, natural habitats, livelihood or sources of livelihood or any other negative impact, including quantification of impacts and specific mitigation measures. Based on the degree of impacts, as per the requirement of the project, an environment impact assessment plan, social and environmental screening, analysis, risk identification, opportunities and benefits identification, as well as safeguards plans and strategies for rehabilitation, mitigation, and management plans, wherever necessary, need to be included in the DPR.
- iii. DPR should include exact topography of the proposed area (total station survey may be suggested), micro detailing of all architectural, engineering, civil, conservation (flora and fauna), hydrology and rehabilitation work to be financed under the sub-project, including use of special design and materials. Preparation of micro detailing also should consider surrounding socio-cultural, economic and ecological features, site survey and consultations. Key aspects to be detailed include detailed drawings with all relevant engineering (Civil and Architectural) specifications.
- iv. The micro detailing may lead to tailored specifications in terms of design, materials and workforce for the later execution of works. Special attention should also be given to appropriate technologies, techniques and local materials for ease of maintenance and operation of the facilities financed under the sub-project.
- v. DPR should include parking facilities, Landscaping, signage, street furniture and any other facility as required.

- vi. The DPR will also include all relevant soft aspects aimed at sustainable management and long-term maintenance of the work and its surroundings.
- vii. DPR should include details of economic linkages with local communities and their management strategies with required training programs, branding and promotion.
- viii. The broad output for preparation of landscape, architectural, horticultural, environmental design and details would include site plans, schematic drawings, architectural working drawings and designs/drawings for structural, electrical and plumbing work/hydrology.
- ix. Cost estimates including detailed specifications will be provided for all the proposed work and activities. The capital and operational costs will be estimated based on the sub-project specifications.
- x. Technical and Financial Review reports, Variance Analysis, Project deviations and related recommendations will be included in DPR for technical support and supervision of project execution.

**b. The DPR needs to be prepared by considering all the above issues related to the development of Biodiversity Park in the following formats:**

Sr.no	Contents
1.	Introduction
2.	Background & broad project rationale
3.	Project objectives, concept and scope
4.	Project Component, Sub-component with the institutional framework
5.	Project phasing (Implementation Strategy with approach and Methodology)
6.	Project Operation and Maintenance (O&M) framework and planning
7.	Project cost- Project financial structuring
8.	Project benefits assessments
9.	Sustainability Mechanism
10.	Environmental and social screening and analysis
11.	Implementation and Monitoring strategy framework
12.	Suggestions and Other issues/items *

**\*Applicant should enrich the project by including suggestions and other relevant issues/items in the DPR based on its experience, exposure and expertise within the above formats.**

## **J. Deliverables**

Applicant will submit tender documents online only and DPR, designs, cost estimates, and SLA documents in soft and hard copies. Soft copies must be in PDF or other universally readable formats. Printed versions should be submitted in 5 (five) copies. Along with that financial modals or calculations in MS Excel, drawings generated in Auto CAD or such other workings forming part of the deliverables. In case, such files are corrupted then the consultant shall be required to re-submit the same to the satisfaction of the MPSBB. Consultant shall make presentations and attend periodical reviews to be conducted by PIA as required during various stages of the assignment. MPSBB may alter or extend this requirement if the need arises.

**It is to be noted that DPR will be prepared as per Section II- (I) “Detailed Project Report (DPR) Guidelines”.**

**DPR will include following list of deliverables:**

### **1. Inception Report**

### **2. Concept Plan:**

In this task, the Consultant shall conceptualize the projects and prepare the Concept Plans. The Concept Plan shall consider the intensity of the proposed Biodiversity Park and provide a guidance to the future expansion of new gardens and collections. The Concept Plan shall highlight the various elements for the Biodiversity Park taking cognisance of the park setting, local character, topography, native species, flora and fauna, etc. The Concept Plan shall also provide distinctive features which will be unique from any other similar facility.

The concept plan should provide a framework for long term requirements and should focus on coexistence of living flora and fauna with the community. The Plan should also look at the Biodiversity Park as an ecotourism destination. The Concept Plan should focus on

- Arrival and departure experiences
- Circulation patterns and the connections of different landscapes
- Positioning of infrastructure, roads, access paths, buildings and facilities to ensure holistic integration with the topographic and botanical context.

- Safety and security
- Flora that can be introduced
- Horticulture, floriculture, wilderness, forestation, wildlife, soft and hard interventions, etc
- Landscape and architectural elements – both hard and soft
- Visual elements and signage
- External connectivity
- Digital experiences
- Unique interventions to position the Biodiversity Park benchmarking with international best practices.

### **3. Detailed Master Plan:**

Detailed Master Plan should cover all the components of each zone including Landscape, architectural, horticultural, and environmental designs with details as follows:

- a. Site plans, schematic conceptual drawings
  - b. Landscape planning, design and drawings.
  - c. Architectural Concept and Presentation.
  - d. Architectural detailed working drawings as per requirement.
  - e. Structural Design and Drawings.
  - f. Electrical Design and Drawings.
  - g. Plumbing Design and drawings.
  - h. Detailed construction-related drawings, together with detailed specifications of work, specification of materials to be used, source of materials and 3D views of each component.
- 4. Draft DPR including the details of all above deliverables (1,2,3).**
  - 5. Final DPR after discussion with the Technical Committee.**
  - 6. Cost estimates including detailed specifications, Detailed designs, BOQ and Estimates**

### K. Pre-bid Conference and Field Visit

- i. A Pre-bid conference will be scheduled at the office of MPSBB to communicate the concept of the proposed project, clarify the doubts of Applicants, and collect inputs, if any, for enriching the RFP. The Pre-bid conference will be followed by a site visit to the proposed area of "Biodiversity Park". The Applicant shall intimate to the email of MPSBB [mpsbb@mp.gov.in](mailto:mpsbb@mp.gov.in) regarding his/her participation in the Pre-bid conference at least one day before the date of conference, in the following format, failing which the Applicant may not be allowed to participate in the Pre-bid conference and/or field visit.
- ii. Minutes of the pre-bid conference including the gist of the questions raised and the responses given together with any response prepared after the meeting will be hosted on the website [www.mpforest.gov.in/mpsbb](http://www.mpforest.gov.in/mpsbb).

Name of Applicant	
Contact no. & Email ID of Applicant	
Name of representative	
Contact no. & Email ID of representative	

### L. Period of Contract

The period of the contract of engagement of Applicant will be for **One twenty (120) days** for submitting the completed Proposal in all respects and other required documents on mutually agreed terms. This period shall commence from the date of signing of the agreement and extendable for 60 days under special circumstances, on a mutually agreed term. MPSBB reserves the right to terminate the agreement at any stage of the process.

### M. Conditions under which RFP Issued

- a. The RFP is not an offer and is issued with no commitment. MPSBB reserves the right to withdraw the RFP and or vary any part thereof at any stage. If it becomes necessary to revise any part of this RFP or if additional data will be needed for an exact interpretation of provisions before the due date for receipt of Proposals, notification and further changes will be updated only on the website of MPSBB. MPSBB reserves the right to extend the due date for accepting Proposals to accommodate such interpretations or additional data requirements.

- b. MPSBB further reserves the right to disqualify any Applicant at any stage.
- c. The preparation of the DPR depends on the discretion/approval of PIA.

## **N. Expenses for Preparation of Proposal**

The Applicant shall bear all costs associated with the preparation and submission of the Proposal.

## **O. RFP document Fee**

An RFP document fee of Rs. 5,000/- (INR Five Thousand Only) is payable through online e-tender gateway, which is non-refundable.

## **P. Earnest Money Deposit (EMD)**

- a. Applicant should submit EMD amount of Rs 3,00,000/- (INR Three Lakh Only) only through online e-tender gateway within the specified time limit. EMD is refundable (except for the best and second-best scoring Applicant) after the final selection of the Applicant for the award of the project and the signing of the agreement. No bank interest will be paid on submitted EMD whenever it is returned to Applicant.
- b. During tender processing or after the award of RFP, if the Applicant denies participation or withdraws his Proposal, the EMD amount will be forfeited by MPSBB.
- c. Applicants are advised to process the EMD well in advance. No claim shall be entertained due to delay in online transactions via payment gateway/banking portal.'
- d. Proposals not accompanied by EMD shall be liable for rejection as non-responsive.
- e. Failure to sign the contract by the selected bidder, within the specified period, for whatsoever reason, shall result in forfeiture of the earnest money deposit.

## **Q. Payment Schedule**

The payment to the Applicant shall be made as shown below:

<b>S.No.</b>	<b>Deliverables (details as per Section-II-J)</b>	<b>Timeline(T)</b>	<b>Payment (%)</b>
<b>1</b>	Inception Report and Concept Plan	T + 2W	10%
<b>2</b>	Detailed Master Plan	T + 4W	20%
<b>3</b>	Draft Detailed Project Report (DPR)	T + 9W	20%
<b>4</b>	Final Detailed Project Report (DPR)	T + 16W	20%
<b>5</b>	Acceptance of DPR	-	10%
<b>6</b>	Tender documents of components of Biodiversity Park	-	10%



<b>7</b>	Acceptance of Submitted Tender Documents	-	10%
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The duration of the services will be approximately 6 months from the time of the signing of contract.

MPSBB shall not be responsible for providing any financial support except the payment schedule mentioned above. No interest shall be payable to the selected Applicant on any payment due or awarded by MPSBB. Any other expenditure apart from the above shall be borne by the Applicant itself.

## **R. Penalty**

In case of non-compliance of contract clauses and/or non-submission of deliverables within the stipulated time period, penalty of up to 1% (One Percent) of the quoted value per week shall be levied on the selected Applicant. Further, the MPSBB may forfeit the Performance Security. If the timeline is extended on a mutual agreement as quoted in Section -II clause (L) then the payment schedule shall be revised accordingly. In case of default as mentioned above, the balance payment as per the agreement will not be released and the applicant will have no right to claim it.

## **S. Other terms and conditions:**

- a. Conditional Proposals are not acceptable.
- b. MPSBB reserves the right to negotiate the offer price with the selected Applicant.
- c. Mere issue of the RFP document does not qualify the Applicant for an appointment. Proposals received from Applicants who do not comply with the Eligibility Criteria specified in the RFP document will be rejected.
- d. The submission of Proposals implies that the Applicant has read the contents of RFP document and the Letter of Proposal and has accepted all the terms and conditions mentioned in this RFP document.
- e. MPSBB reserves the right to accept / reject any or all of the Proposals and cancel the selection process at any stage without assigning any reason. Further, MPSBB at its sole discretion can reject Partial, Conditional or other procedurally defective Proposals.
- f. Power of Attorney authorizing the person to sign all the documents pertaining to the Proposal shall be submitted in the Technical Proposal. Only the authorized signatory should submit the Proposal.

- g. The Applicants have to familiarize themselves with the location of the Project for which the DPR has to be submitted and should have a clear idea of the plan of action. In order to facilitate this, a field visit may be arranged by MPSBB during the pre-bid conference.

## **T. Agreement**

The successful Applicant, on receipt of the Letter of Intent (LOI) from the MPSBB, should return a signed copy duly acknowledged as a token of acceptance and should execute an Agreement within 15 (fifteen) days from date of receipt of the LOI for the due fulfilment of the contract and shall have to pay all stamp duty, lawyer's charge and other expenses incidental to the execution of the agreement. If the Applicant fails to execute the Agreement in time then the EMD shall be forfeited and the Contract shall be cancelled. In addition, it will also entail the penalties as decided by MPSBB along with blacklisting of the Applicant.

The signing of contract agreement shall be reckoned as intimation to commencement of work. No separate work order shall be issued by the MPSBB to the Applicant for commencement of work.

In case of cancellation of the contract, MPSBB may offer the project to the next best scoring Applicant in the Proposal evaluation.

The MPSBB reserves the right to modify, change, accept or reject the work in totality or any part there of or cancel the project at any stage without assigning any reason

## **U. Performance Security**

- a. The selected Applicant shall furnish Performance Security equivalent to 10% of the contract value for DPR rounded to the nearest rupee in the form of a Bank Guarantee/ Demand Draft from any nationalized/scheduled banks in India in the name of Member Secretary, MPSBB before the signing of agreement. The Performance Security should remain valid for a period of 180 days beyond the date of completion of all contractual obligations for the DPR Components of the project.
- b. Performance Security shall be paid in one installment as approved by MPSBB.
- c. If the selected Applicant fails to deposit the Performance Security, the agreement will not be executed. The Earnest Money deposited will be forfeited and any loss incurred by MPSBB will be recovered from the defaulter.
- d. The Performance Security deposited will be released as described above in point- (a), only after the successful completion of the contract and acceptance of the DPR

preparation project by MPSBB. But in the event of the Applicant causing any loss to MPSBB, the MPSBB shall be entitled to forfeit the Performance Security. Any remaining loss may also be deducted from payments to be released to the Applicant, which may be due at any time.

## **V. Security Deposit (SD)**

- a. Security deposit equivalent to 3% of the Gross Amount of running bill shall be deducted to the limit of 3% of the final quoted amount.
- b. Security deposit will be refunded after the final acceptance of Detailed Project Report (DPR).

## **W. Liquidated Damages (LD)**

MPSBB reserves the right to sue and recover from the selected Applicant for liquidated damages to the extent of losses and expenses, if any, incurred by MPSBB, apart from forfeiture of Performance Security, on account of any wrong / illegal / malafide information shared or mentioned in Proposal or given in DPR by the selected Applicant. Liquidated Damages will be up to 1% (One Percent) of quoted value per week.

## **X. Conflict of Interest**

- a. Where there is any indication that a conflict of interest exists or may arise, it shall be the responsibility, of the Applicant to inform MPSBB, detailing the conflict in writing as an attachment with the application.
- b. Failure to notify MPSBB of any conflict of interest will invalidate any verbal or written agreement.
- c. Actual and potential conflicts of interest must be declared by a person involved in the tender process.

## **Y. Dispute Settlement**

Agreement on this assignment shall be governed by, construed and interpreted in accordance with the Laws in India. Any disputes, differences or claim arising out of or in connection with or in relation with this agreement which is not resolved amicably between MPSBB and the Applicant shall be referred to and finally resolved by a Sole Arbitrator, who will be appointed by MPSBB and such proceedings shall be conducted in accordance with the Arbitration and Conciliation Act 1996 for the time being in force or as amended from time to time. The award made in pursuance thereof shall be final and binding on the parties.

Courts in the city of Bhopal alone shall have jurisdiction to entertain any application or other proceedings in respect of anything arising under this agreement and any award or awards made by Sole Arbitrator hereunder. The Parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.

## **Z. Corrupt Practices**

The MPSBB requires that applicants observe the highest standard of ethics during the procurement and execution of agreement. In pursuance of this policy, the MPSBB:

- i. may reject the proposal for award if it determines that the Applicant recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Agreement; and
- ii. may debar the Applicant declaring ineligible, either indefinitely or for a stated period of time, to participate in bids, if it at any time determines that the Applicant has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing, a contract.

For the purposes of this provision, the terms set forth above are defined as follows:

- a. “corrupt practice” means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;
- b. “fraudulent practice” means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
- c. “coercive practice” means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
- d. “collusive practice” means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party.

## SECTION - III

### Guidelines for Submission of Proposal

RFP Documents can be downloaded from e-tender portal at [www.mptenders.gov.in](http://www.mptenders.gov.in) or from the Madhya Pradesh State Biodiversity Board website at [www.mpforest.gov.in/mpsbb](http://www.mpforest.gov.in/mpsbb). The Applicants are expected, to read all instructions, forms, terms, and other details in the RFP document carefully. Failure to furnish complete information as mentioned in the RFP document or submission of a Proposal not substantially responsive to the RFP documents in every respect will be at the Applicant's risk, and, may result in rejection of the Proposal.

#### A. Technical Details

The Applicant shall go through the attached technical details of the project mentioned in Concept Note- {Annexure-1}, Technical Report- {Annexure-2}, Proposed Activities {Annexure-3}, and Proposed Infrastructure {Annexure-3A}.

#### B. Required Information

The following information shall be submitted using given formats and where no formats are specified, free format can be used. All relevant information and documents should be self-attested and certified by the Applicant that shall be uploaded on the e-tender portal as per the requirement.

- a. Cover Letter (**Annexure - 4**)
- b. Power of Attorney of the person Signing the Proposal. (**Annexure - 5**)
- c. Particulars of the Applicant (**Annexure - 6**)
  - i. Byelaws of Applicant's Organisation
  - ii. Registration Certificate
  - iii. GST Registration and Last Three-Year Returns.
  - iv. PAN Card
  - v. ITR and Last Three-year Returns.
  - vi. TAN Registration
  - vii. EPF Registration and Last Three-Year Returns.
  - viii. Professional Tax Registration and Last Three-Year Returns.

- ix. Latest filing with Registrar of Companies/Societies/Trusts.
- d. Non- Black Listing Certificate **(Annexure - 7)**
- e. Self-Evaluation Form **(Annexure - 8)**
- f. Undertaking **(Annexure - 9)**
- g. Annual Turnover of Applicant **(Annexure - 10)**
- h. Details of Experience (Establishment of Biodiversity Park) **(Annexure - 11)**
- i. Details of Experience (Establishment of Similar Projects) **(Annexure - 12)**
- j. Curriculum Vitae (CV) Team member's/Key personnel's as per the details mentioned in Section-IV-B (c) **(Annexure - 13)**
- k. Curriculum Vitae (CV) of Institutional Subject Experts, as per the details mentioned in Section-IV-B (d) **(Annexure - 14)**.
- l. Approach & methodology adopted by Applicant for the DPR preparation for both executed Biodiversity Park or Similar Project and proposed Project of Shahpura, Bhopal. **(Annexure - 15)**
- m. Power point presentation for both executed and proposed project. **(Annexure - 16)**
- n. Financial Offer (Note: The financial offer should only be given on e-tender portal at the place of financial bid) **(Annexure-17)**
- o. Work schedule Form **(Annexure - 18)**.
- p. **Checklist** - (All documents shall be uploaded on e-tender portal as per the checklist) **(Annexure - 19)**. Please attach the checklist also.

### **C. Instructions for submission of Proposal**

1. Applicant shall go through the guidelines before submitting the Proposal.
2. The Proposal of the Applicant received on e-tender portal by the MPSBB shall be the basis for evaluating and short-listing eligible Applicant who will be invited to prepare DPR.
3. RFP shall be submitted in two parts – a Technical Proposal and a Financial Proposal.
4. The Application and all related correspondences and documents should be written in the English. Supporting documents and printed literature furnished by the Applicant with the Application may be in any other language provided that they are accompanied by notarized translations in the English language. Supporting materials, which are not translated into English, may not be considered. For the purpose of interpretation and evaluation of the Application, the notarized English language translation shall prevail.

5. Power of Attorney (on stamp paper duly notarized) of the person submitting the Request for Proposal on behalf of the Applicant shall be attached.
6. An authorized representative, of the Applicant, shall sign the original submission letter in the required format for Proposal submission and shall initial all pages. The authorization shall be in the form of a written Power of Attorney attached to the RFP Proposal.
7. The Applicant shall submit a signed and complete Proposal comprising the documents and forms in accordance with the RFP document.
8. The Applicant shall provide all the information sought under this Qualification Document.

MPSBB would evaluate only those applications that are, received in the required format and complete in all respects. Incomplete and/or conditional Applications shall be liable for rejection.

9. If the Applicant feels that submitting certain information not covered in the guidelines would be in his interest, he may submit such information.
10. The Applicant shall submit only one Proposal. If more than one Proposal is submitted by the same Applicant, they will be disqualified and rejected.
11. Documents in support of all qualification information shall be submitted with the online application. Proposal of RFP with qualification information shall be furnished on/before the due date of submission.
12. No claims will be entertained if the submission is not received by the due date and time.
13. MPSBB reserves the right to reject any Applications, without assigning any reasons thereof.
14. Bid will be opened by the Chairman of RFP Opening committee appointed by MPSBB on pre-decided date and time specified. The Bids will be opened online on [www.mptenders.gov.in](http://www.mptenders.gov.in) in presence of members of the opening committee. Applicants or their authorized representatives are invited to be present on the occasion. The opening shall take place at the Office of the **Member Secretary, Madhya Pradesh State Biodiversity Board, Makhan Lal Chaturvedi University, Fourth Floor, B-38, Vikas Bhavan, Zone-1 M.P. Nagar - 462011** on the specified date.
15. Any submission must be addressed to the office of **Member Secretary, Madhya Pradesh State Biodiversity Board, Makhan Lal Chaturvedi University, Fourth Floor, B-38, Vikas Bhavan, Zone-1 M.P. Nagar, Bhopal-462011.**

## SECTION - IV

### Short-listing and Eligibility Criteria for Applicant

MPSBB shall accept & consider only those Proposal from Interested Parties which meet the following minimum requirements:

#### **A. Annual Turn over**

The annual turnover of last three financial years, that should not be less than Rs. 30 lakhs per annum.

#### **B. Experience and Subject Experts**

Applicant must have experience as follows:

- a. The Applicant must have experience in at least one project related to the DPR preparation or implementation or management of **Biodiversity Park, or similar projects.**

(Similar project means a project related to Biodiversity Park, Biological gardens/Botanical garden or Nature Park /Ecotourism Project.)

- b. The Applicant has experience in the DPR preparation and implementation or management of Biodiversity Parks or **similar projects** with approximate worth of a minimum of Rs. 5 crores.
- c. The team should consist of six members with over 5 years of Post Qualification Professional Experience in developing biodiversity parks or similar projects. The qualification and expertise expected of the respective key personnel in the team will include- Landscape Architect, Botanist, Architect, Zoologist/Wildlife Expert, Biodiversity Expert and Finance Expert.
- d. Institutional Subject Experts may be required with more than 10 years of experience in the fields such as conservation biology, ecosystem restoration, civil engineering, horticulture, taxonomy, geology, forestry, environmental science, natural resource management, GIS expert, hydrology, and sociology (Master of Social Work—MSW).
- e. Preference will be given to the Applicant who has already prepared DPR for a biodiversity park or similar project and implemented or managed biodiversity park or similar project under any scheme of the Central/State Government of India or a well-recognized funding agency (project approval along with the work order from the respective government/agency will be assessed herewith).



### C. Other Requirements-

- a. Applicants interested in providing the Service should provide information demonstrating that he has the required capabilities, qualifications and relevant experience to perform the services.
- b. Applicant may participate in the RFP with a consortium. The leading partner in the consortium will submit all the required compliances along with the consortium formation deed.
- c. The Applicant should submit a copy of the last three financial years of tax filings (GST, Income tax, PF, Employees' State Insurance Scheme (ESIC), professional tax, etc) and legal compliances (Registrar of Companies - ROC return, KYC document, etc.).

### D. Selection process and Evaluation Criteria:

- a. The technical evaluation will carry 70% marks weightage of the Total Score. Technical assessment will be based on creative ideas, treatment of theme/subject and its presentation in the form of drawings and designs etc. On the basis of technical assessment, financial Bid of the shortlisted agencies only will be opened. Financial evaluation will carry a weightage of 30% of marks.
- b. Cut-off Marks in Technical Evaluation shall be 60%. That Means, Applicants securing 60% or more marks in technical evaluation shall only be qualified for opening of financial bids. The aggregate of marks, after adding the scores from the technical and financial evaluation will determine the outcome and the work will be awarded to the agency which gets the highest aggregate score as per the formula for calculating Total Score given in Section-IV-D (c).
- c. Selection of the Applicant will be based on **Quality-cum-Cost-Based-Selection (QCBS)** method. This will be done in a two-stage process for evaluating the RFPs comprising of technical and financial Proposals.

**a. First Stage- Technical Evaluation:**

During evaluation process of bids, MPSBB will evaluate bids from bidders based on the criteria and requirements as mentioned below for Technical Bid:

S. No	Parameters	Marking criteria	Max. Marks
1	Turnover (Ref.- Annexure - 10)	Turnover of First 30 lakh rupees will be given 05 marks. For turnover above 30 lakh rupees, for each 20 lakh rupees additional 1 mark will be given.	10
2	Applicant is having an experience in the DPR preparation and implementation or management of <b>Biodiversity Park Projects</b> . (Ref.- Annexure-11)	No. of such projects <b>(5 marks each project)</b>	20
3	Applicant is having an experience in the DPR preparation and implementation or management of <b>Similar projects</b> . (Ref.- Annexure-12).	No. of such projects <b>(5 marks each project)</b>	20
4	Team consisting of key personnel/ six members having experience in developing Biodiversity park or similar projects mentioned in Section-IV- B (c) Namely- Landscape Architect Botanist Architect Zoologist/Wildlife Expert Biodiversity Expert and Finance Expert. (Ref.- Annexure-13)	02 marks per expert up to the maximum of 10 marks	10
5	Institutional subject experts having experience/expertise/ competency in their respective fields mentioned in Section-IV- B (d). (Ref.- Annexure-14)	01 marks per expert depending on the years of experience in respective field up to the maximum of 10 marks.	10
6	Approach & methodology adopted by Applicant for DPR preparation for executed project (Biodiversity Park or Similar Project). (Ref.- Annexure-15)	Evaluation will be done based on overall approach in making DPR and marks will be given by the Technical committee, which will be binding on all the Bidders.	10
7	Presentation of DPR prepared by Applicant of an executed project (Biodiversity Park or Similar Project) (Ref.- Annexure16)	Evaluation will be done based on overall approach in making DPR and marks will be given by the Technical committee, which will be binding on all the Bidders.	10
8	Presentation of proposed DPR of Biodiversity Park at Shahpura, Bhopal.	Evaluation will be done based on overall approach and marks will be given by the Technical committee, which will be binding on all the Bidders.	10

S. No	Parameters	Marking criteria	Max. Marks
<b>TOTAL</b>			<b>100</b>

Technical evaluation will be carried out in the following steps:

- i. Marks will be allotted for various evaluation criteria mentioned in Section-IV D-Table. Marking will be done based on assessment of submitted documents along with Proposal.
- ii. Based on technical evaluation parameters relating to executed project by Applicant, the Applicant shall be called for presentation. All the team members will be present during the process.
- iii. Details presented for the proceedings will be reckoned in determining the final technical scores.
- iv. Based on this evaluation, a **preliminary short-listing** of Applicants will be done and list of same shall be prepared and published thereafter. An Applicant has to obtain **minimum of 60% marks** to qualify for opening the financial bids.
- v. The Bidder having highest qualifying technical bid (Tf) amongst all the Bidders will be given the maximum technical score of 100 (one hundred) marks. The Weighted Technical scores (Ts) of the other Bidder will be computed as per the formula-

$$\text{Weighted Technical score of a Bidder (Ts)} = \frac{\text{Technical score of that Bidder (To)}}{\text{Highest technical score (Tf)}} \times 100$$

$$(Ts) = \frac{(To)}{(Tf)} \times 100$$

**b. Second stage- Financial Evaluation:**

- i. In the **second stage**, the financial bid of the finally short-listed Applicants will be opened and a financial evaluation will be carried out.
- ii. Percentage shall be quoted in figures as well as in words. If any difference in figures and words is found, lower of the two shall be taken as valid and correct.
- iii. The bidder shall have to quote rates inclusive of all duties, taxes, royalties and other levies but exclusive of GST; and the MPSBB shall not be liable for the same.
- iv. The lowest financial bid (Fm) amongst all the technically shortlisted Bidders will be given the maximum financial score of 100 (one hundred) points. The financial scores (Fs) of the other Bidder will be computed as per the formula –

$$\text{Weighted Financial score of a Bidder (Fs)} = \frac{\text{Lowest financial value quoted by Bidder (Fm)}}{\text{Financial value quoted by bidder (Fo)}} \times 100$$

where, Fo is the financial quote under consideration/Financial value quoted by Bidder.

$$(Fs) = \frac{(Fm)}{(Fo)} \times 100$$

### c. Total Score

- i. A **weightage in the ratio 70:30** will be assigned for the technical and financial Bids, respectively.

$$\text{Total Score} = (0.7 \times Ts) + (0.3 \times Fs)$$

- ii. Proposals will finally be ranked according to the Total Score of Bidder which is their combined technical and financial scores with respective weightage. The Applicant with the highest Total Score will be the first ranked Applicant (hereinafter referred to as the selected Applicant) who shall be called for negotiation, if necessary, while the second ranked Applicant will be kept in reserve.

### Points to be noted:

- i. Evaluation shall be carried out based on the above selected evaluation parameters and the data and documents provided by the Bidders in support of their claims. The Bidder who has secured the highest Composite Score shall be declared the Preferred Bidder subject to the satisfaction of PIA.
- ii. The above evaluation shall be done by an Technical Committee. The Committee shall determine the approach and methodologies for the issues, which may arise during above referred evaluation exercise and have not been addressed in this Tender Document. The decision of the Committee shall be final and binding on all the Bidders.

## E. Confidentiality

- i. Information relating to examination, evaluation, comparison and recommendation of Agreement award shall not be disclosed to Applicants or any other person not officially concerned with such process until final decision on the bid.
- ii. Any attempt by an Applicant to influence the PIA in the evaluation of the bids or agreement award decisions may result in the rejection of its bid.





# **Madhya Pradesh State Biodiversity Board**

(Department of Forest, Government of Madhya Pradesh)

## **Establishment of Biodiversity Park, Bhopal**

### **(Annexures)**

## Concept Note

### 1.1 Biodiversity and Ecosystem

Biodiversity is critical for the existence of life on the planet Earth. The different gross landforms that include mountains, plains, rivers and oceans together with their rich ecological diversity support a myriad of life forms. The life forms and their environments together with interactions among life forms and between life forms and their environments constitute Biodiversity. Biodiversity is also often referred to as Biological Diversity (Diversity at all levels of Biological organization). According to the Convention on Biological Diversity (CBD, 1992), Biological Diversity refers to “the variability among living organisms from all sources including inter alia, terrestrial, marine, and other aquatic ecosystems and the ecological complexes of which they are part; this includes diversity within species, between species and of ecosystems”. The biodiversity is broadly classified into three categories - (i) the genetic diversity (ii) the species diversity, and (iii) Ecosystem diversity; cultural diversity evolved by humans is also often considered as a component of Biodiversity.

The genetic diversity includes diversity from gene level to population level; the species diversity includes the kinds and number of species at species level; and the ecosystem diversity encompass diversity at community and ecosystem levels of biological organization. In simple terms, Biodiversity or biological diversity refers to diversity at all levels of biological organization ranging from genes to Biosphere.

## 1.2 Integrated Approach for Conservation, Recreation and Education

Biodiversity Parks is a Nature Reserves aiming at conserving area with natural heritage and for promoting education on environmental and nature conservation by acting as living museums among students, researchers, nature enthusiasts and general public. Biodiversity Park is based on ecological principles for establishment of self-sustaining ecosystem that have conservation, educational and recreational values (Eco-tourism) and generate ecological goods and services. It is a holistic approach for restoration of terrestrial ecosystems (Restoration of degraded ecosystems and recreation of lost ecosystem) and to restore ecological corridor with the use of neighboring reference eco-system. A park refers to the landscape/area where biodiversity is recreated. This is a layman's definition of Biodiversity Park.

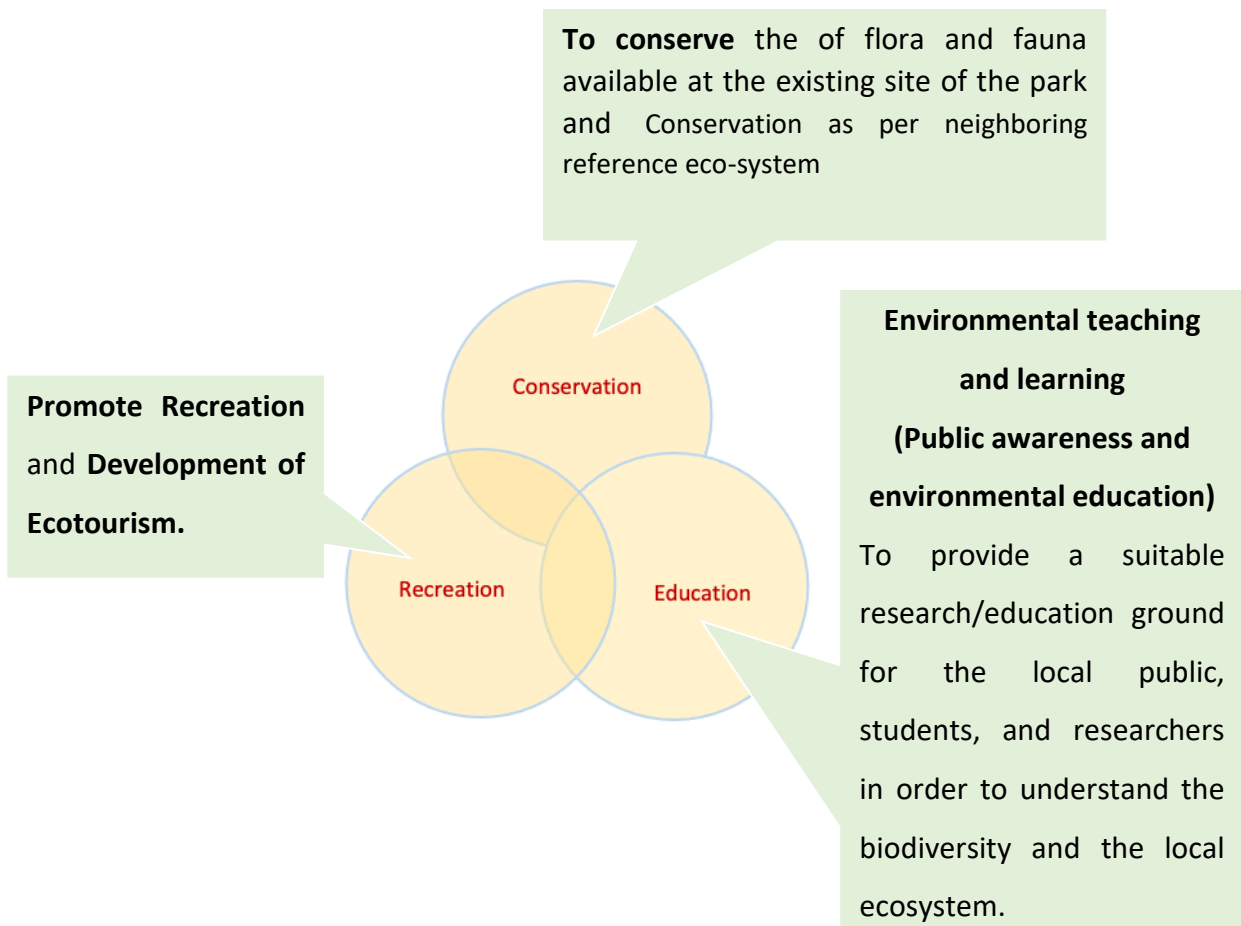
The main aim of the park is the recreation of locally extinct ecosystems and restoration of degraded landscapes. Conceptually a Biodiversity Park is unique landscape of wilderness where native species of a particular region are assembled in to ecological communities that function as ecosystems. These ecological assemblages of species are recreated in the form of ecosystems over a few hundred hectares of marginal/ degraded landscapes. These Biodiversity Parks are nature reserves and harbor natural heritage and have conservation, educational and cultural values. The underlying principle of the Biodiversity Park is to recreate self-sustaining ecosystems with native flora and fauna characteristic of the area for enhancing the quality of urban environment.

The Biodiversity Park is a new conservation approach which involves conservation of populations, species, communities and ecosystems and in this respect it differ from all other forms of ex-situ conservation approach (Botanical garden, zoo etc). The Biodiversity Parks simulates National Parks/Wildlife sanctuaries /Nature reserves/ Wilderness habitat but differ from these protected Areas (PAS) in the sense that the Biodiversity Parks are smaller in size than Protected Areas (PAS). A Biodiversity Park can be created on a plot as small as 20 hectares to as large as few thousand hectares. Small patches of 10 ha each that are



interconnected can also be used for development of Biodiversity Parks. Biodiversity Parks being natural reserves maintain a balance between the nature & mankind. Also, it harbors natural heritage of the area and have conservation, educational and cultural values, helping to enhance the quality of environment.

Biodiversity Park has been the necessity and integral part of our environment for proper functioning and existence of ecological world. And, hence Biodiversity should be conserved both for welfare of the human population in particular and the natural environment in general. Efforts have to be made to develop a multiple-storied structure of diverse forest community and larger tree height heterogeneity in the Biodiversity Parks, which will also help to achieve higher faunal diversity besides acting as natural filter for dust pollution and sink of Carbon.



### 1.3 General principles for developing a Biodiversity Park

S. No.	Particular	Details
1	<b>Create more habitat</b>	<p>The options are based on a simple principle – that biodiversity benefits by increasing the amount and types of available habitat. You can increase the amount of habitat by adding more vegetation to the park – add wildflowers, long grass areas, shrubs and trees. Increase the volume of soil habitat by applying mulch. Create habitat where there was none – such as adding a green roof to a small building, or growing climbers up walls. New types of habitat can really make a big difference for biodiversity. Creating a pond will enable a whole host of new species to use your park. Creating nest sites for birds or invertebrates can be a big help if natural nests are scarce.</p>
2	<b>Allow natural processes to happen</b>	<p>Natural processes can create new habitats-</p> <ul style="list-style-type: none"> <li>a) <b>Winter dieback</b> – many herbaceous plants die back in winter. The hollow, dead stems are used by invertebrates as places to hibernate and rest until spring.</li> <li>b) <b>Dead wood</b> – dead wood is valuable habitat for a range of invertebrates, fungi and plants.</li> <li>c) <b>Succession</b> – this means the slow, natural change of habitats. Grasslands left to their own devices will be seeded with shrubs and</li> </ul>

S. No.	Particular	Details
		<p>trees and eventually develop into woodlands.</p> <p>d) <b>Flooding</b> – minor, temporary flooding creates waterlogged patches and allows wetland plants and animals to thrive.</p>
3	<p><b>Plant more trees</b></p>	<p>The “Biodiversity in Urban Gardens” (BUGS) research project studied urban gardens to work out which aspects of a garden made the biggest impact on biodiversity.</p> <p>It showed that the presence of trees made the biggest positive impact on both the number of species (biodiversity) and the number of individual organism's present (biomass) in a garden. The positive effect of trees on biodiversity applies to parks as well as gardens, so it is important to maintain a good range of tree species and ages in parks.</p>
4	<p><b>Improving existing habitats for biodiversity</b></p>	<p>a) Reduce the area of heavily-managed grassland by converting areas to biodiversity grassed / meadow area, or pictorial meadow or single standard trees</p> <p>b) Change the cutting regime, convert to a meadow for periods of the year, for example in the autumn months</p> <p>c) Increase plant species diversity through planting native wildflower plugs or mature plants</p> <p>d) Increase plant species diversity and user perceptions by planting vigorous bulbs and</p>

S. No.	Particular	Details
		<p>wildflowers along edges</p> <p>e) Encourage natural colonization of wildflowers by removing arisings and exposing small areas of soil ('germination gaps')</p> <p>f) Allow an area (perhaps out of sight of park users) to develop into scrub (e.g. brambles, shrubs and tree seedlings) to increase habitat diversity.</p>
5	<b>Habitat connectivity</b>	Connecting habitats allows species to travel from one patch of land to another which is very important for healthy biodiversity.
6	<b>Traditional orchards and Conservatories</b>	Traditional orchards and conservatories are a priority habitat and are defined by their management – which must be in a low intensity manner, avoiding chemical inputs from pesticides and inorganic fertilizers.
7	<b>Nest, Seed eating bird program and hibernation sites</b>	<p>Many species can benefit from providing artificial nest sites. This ranges from bat boxes on the side of buildings and trees, to patches of bare soil for burrowing solitary bees.</p> <p><b>Seed-eating bird options-</b> Carry out a programme of bird surveys to discover if the parks near to farmland are used by seed-eating birds and to Create habitats that will provide food for seed-eating birds by converting areas of suitable parks to biodiversity grassland / meadow</p>

S. No.	Particular	Details
8	<b>Common areas, trails and other activity area</b>	When making changes to a park for the benefit of biodiversity there is a great opportunity to engage park users in the process and raise their awareness of biodiversity issues. Play areas, buildings and other structures are of low value to biodiversity but can be improved and made more attractive in several ways.

#### 1.4 Significance - (Ecological goods & services of Biodiversity Parks)

1. Enhances green cover in the city and serves as habitat for representative and vanishing flora and fauna for biodiversity conservation.
2. The diverse forest communities with 2-3 storey canopy having with 40 feet - 45 feet high top canopy act as effective and efficient filter for both point and non point source of air pollution, and thereby mitigating air pollution hazards, improving the local air quality, sequester CO<sub>2</sub> and impart climate resilience. A Biodiversity Park with diverse forest communities buffers local weather conditions, particularly ambient temperature, and even set up local cloud formation resulting in localized precipitation.
3. Biodiversity Parks can also contribute to recharge ground water, rejuvenation of rivers (sustain river ecosystem) and lakes through the use of natural and/ or constructed wetlands for the treatment of waste water (purify water) before it enter into the rivers/lakes. It Prevent soil erosion and stabilize floodplains
4. The Biodiversity Parks serve as living Museums/ Laboratories for undertaking research on ecosystem processes and functions.

5. Promote ecotourism. Biodiversity Parks generate livelihoods for local communities by way of engaging locals as guides to the tourists for guided nature walks and for imparting nature education to the public. Biodiversity Parks connect the city and its public to nature and biodiversity.

### **1.5 Elements of Biodiversity Park (Theme based classification)**

The Biodiversity Park has a wide range of landscape elements or structural features, which can broadly be categorized in following zones:

The Biodiversity Parks activities can be classified on -

**(A) Conservation and Aesthetics**

**(B) Recreation and Adventure**

**(C) Biodiversity Outreach**

**(D) Peace and Tranquility**

## Technical Report

### 2.1 About City Bhopal-

Madhya Pradesh State Biodiversity Board (MPSBB) intends to establish Biodiversity Park in Bhopal to promote conservation, recreation and education to increase the outreach activities conducted for the better dissemination of knowledge about biodiversity, nature and ecosystem goods and services.

Bhopal, the capital of Madhya Pradesh, is an amalgam of natural scenic beauty and artificial lakes. In order to understand the importance of blue and green in the city, the development of ecology of Bhopal is critical to be considered. Bhopal has a distinct definite topography. In recent decades, the city of Bhopal has witnessed intense urbanization. The population of Bhopal grew from 6 lakh in 1970s to 18 lakh as per Census 2011. The city has seen an intense growth in recent year due to rapid change in economic investments in urban sectors, inter-city mobilities and regional connectivity. The city, once placed among the greenest cities of India is fast losing its tag of green city. As per the provisions of Biodiversity Park, it shall be accessible to the city dwellers and will be suitably managed for providing wholesome natural environment for recreation, education, biodiversity conservation with supported services of availability of water, soil conservation and pollution abatement.

## 2.2 Proposed site for Biodiversity Park-

### Morvan, Shahpura City Forest, Bhopal

Morvan, Shahpura City Forest is a green space in heart of the Bhopal city. Being nestled in heart of the city, the park received hundreds of footfall daily starting from the morning walkers, to families, and nature enthusiasts. However, there is a need to develop of the Morvan area for conservation, recreation and education to increase the outreach activities conducted for the better dissemination of knowledge about biodiversity, nature and ecosystem goods and services provided by it to the visitors.

The Morvan Shahpura, Bhopal proposed Biodiversity Park will spreads over about an area of 70.82 Hectares. The park is divided into two Parts : Part-I consisting of 56.656 Hectares (Part -1) (86 no plot) and Part II consisting of the rest of 14.164 Hectares (Part-2) (87 no plot), located on the active terrestrial hilly landscape with the forest communities. MPSBB has conducted GIS mapping of the area with the following objectives-

1. To ground survey and map the existing boundary of Shahpura city forest
2. To geo-reference secondary available map or topo sheet and compare the existing boundary
3. To estimate the encroachment in last one decade
4. To map the existing and potential features on the Shahpura City Forest



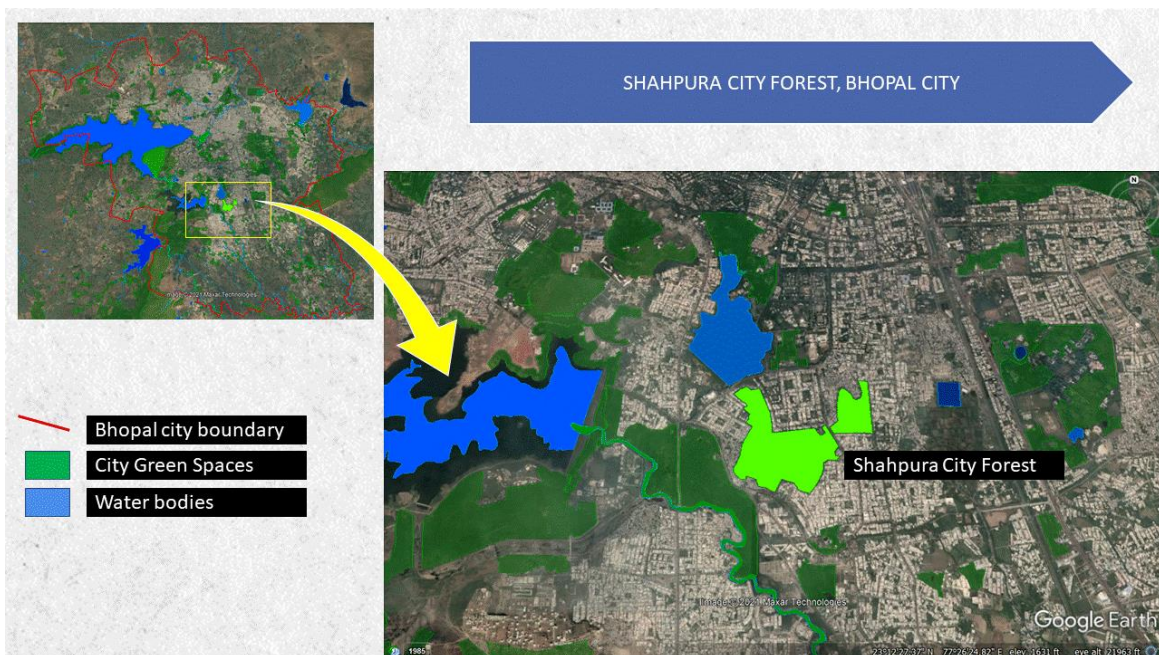
## 2.3 Details of Proposed Area

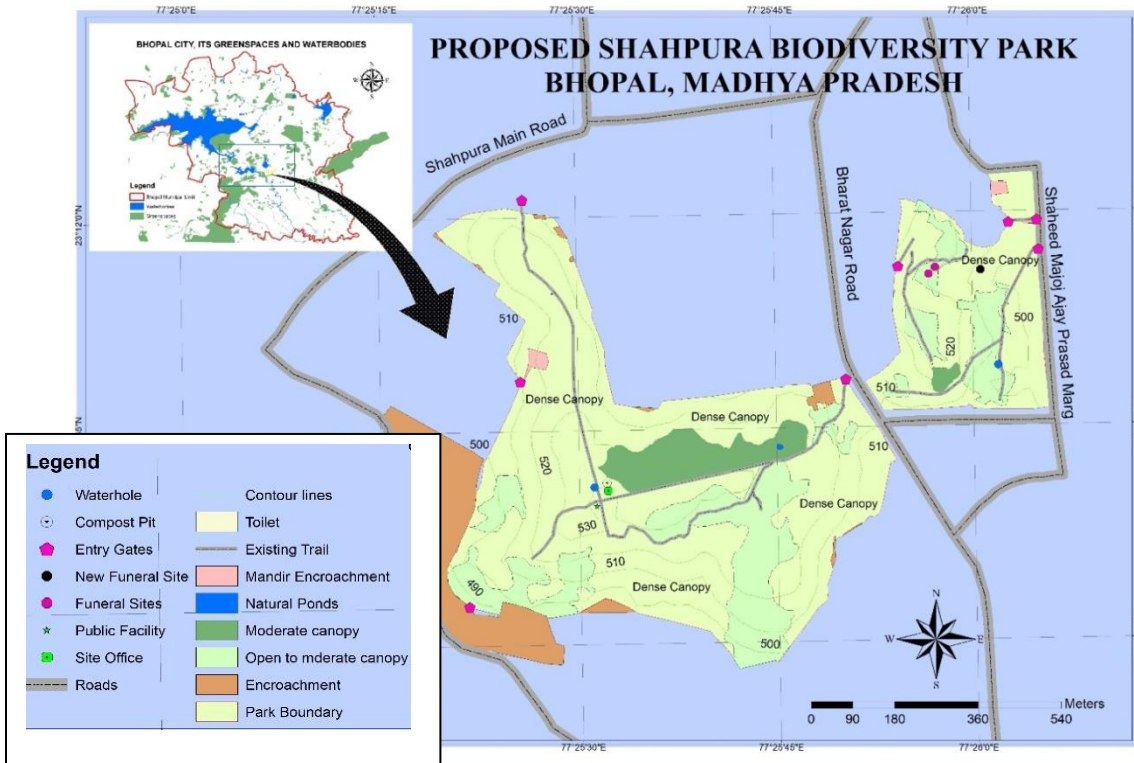
S. No.	Particulars	Description
1.	Location	<b>Shahpura, Bhopal-</b> Bharat Nagar, Hill area (Mor Van, Shahpura- Chote Bade Ped ka Jungle)
	Locality or Area	South of Shahpura lake and Manisha Market and North of Trilinga
2.	Area under control	Capital Project, Bhopal
3.	Status of Area	Forest (Chote Ped ka Jungle), (Hilly and Slopy)
	Area of Land	70.82 hectare (Complete) 56.656 Ha (Part -1) - (86 no plot) and 14.164 Ha (Part -2) - (87 no plot) Bridge Pathway (Part 3) - (bridge connecting to Part – 1 and 2)
	Proposed Area of development Park	62.74 Hect. (Without Encroachment) 48.63 Hect. (Part -1) and 14.11 Hect. (Part -2)
6.	Toposheet No.	55 E/8
7.	GPS Co-ordinates	77°25'19.083"E23°11'29.276"N to 77°26'5.46"E23°12'3.092"N
8.	Highest Elevation	533 and 527
9.	Lowest Elevation	486 and 498

## 2.4 GIS Mapping

GIS Methods used for objective-1 is ground survey has been carried out on 23rd -25th October 2021 using hand-held GPS Garmin etrex 30 and existing boundaries has been marked. Later the boundary points have been used as Ground Control points to digitize the existing boundary of the park in Arc GIS Software version 10.6 using background imagery. For objective 2 and 3: Secondary information such as Topo Sheet and hard copy maps were not available with CPA. They have been working on “Najariya Naksha”. Encroachment has been marked with help of local staff while marking boundaries. For objective 4: Detailed ground survey has been carried out for existing features in Shahpura to mark using Garmin GPS etrex 30. SRTM DEM (Digital Elevation Model) data has been downloaded and processed in Arc GIS Software. GPS has been used to cross-check and rectify contours

### GIS Mapping- Location Map of Shahpura city forest



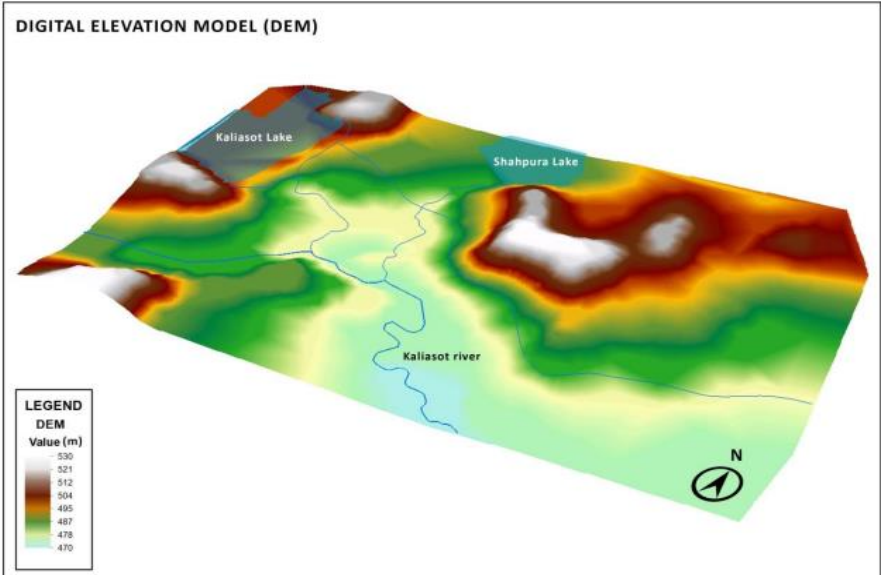
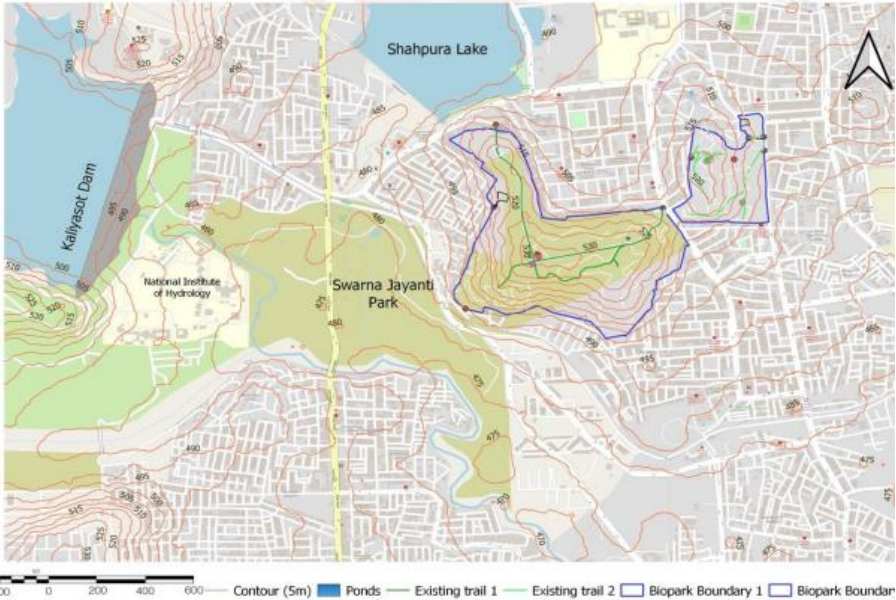


**GIS Survey (Site connectivity with surrounding roads)**

The park is well connected with roads. Shahpura Lake is situated at distance of 200m north-western side of the park. Shahpura main road is on northern side.

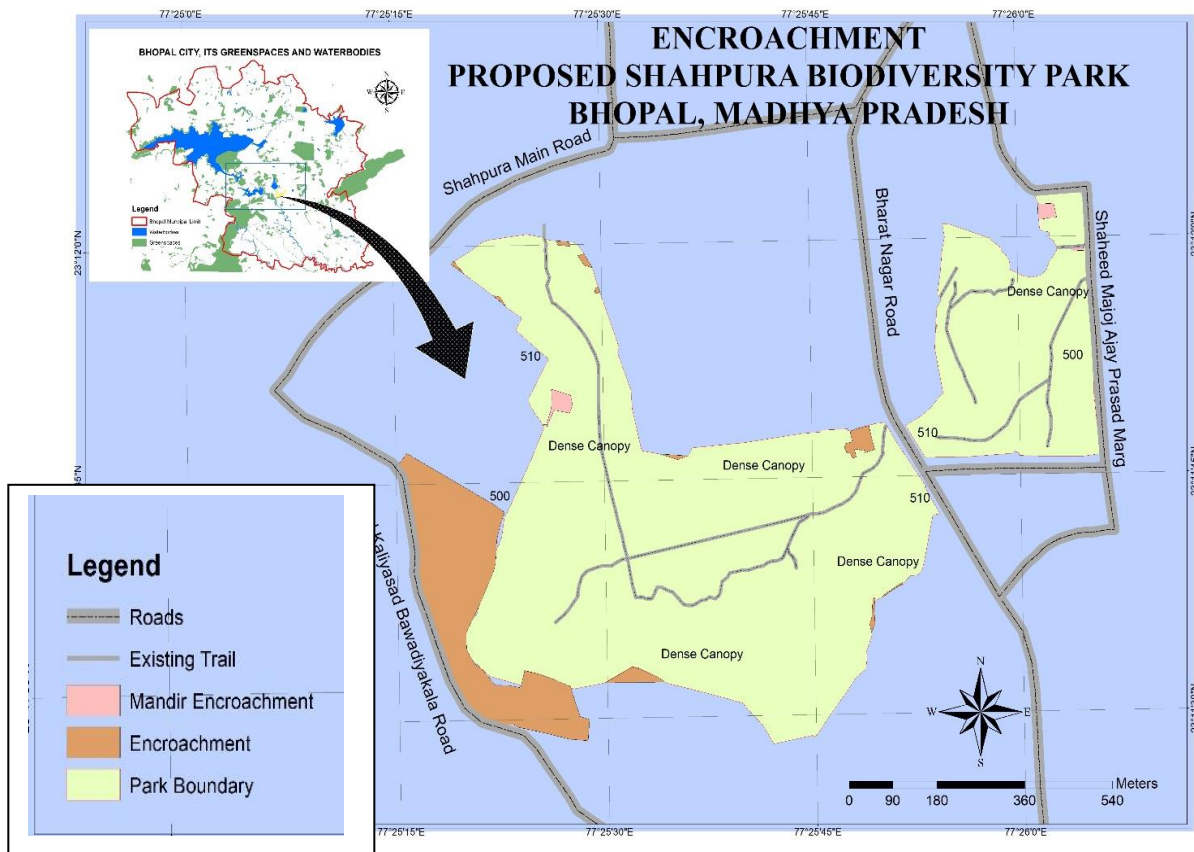
The Canal Kalitasad, Bawadiyankala Road and Bharat Nagar Road makes western and eastern boundary of Part 1 respectively. Bharat Nagar Road and Shaheed Major Ajay Prasad Marg makes western and eastern boundary of Part 2 respectively

### GIS Mapping- Contextual Setting of the proposed Park area



## 2.5 Status of Encroachments

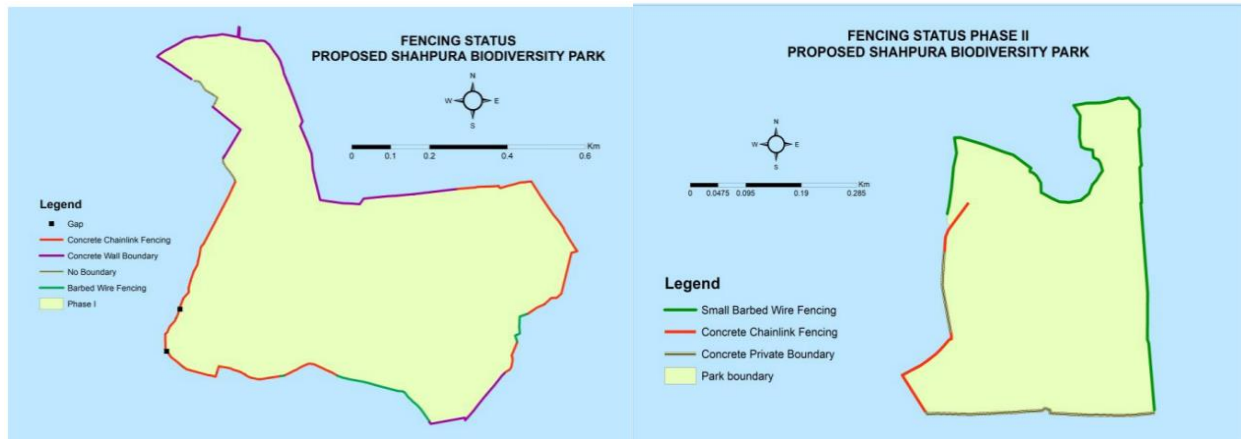
Part	Plot No.	Total Area (Hectare)	Area (Hectare) Encroachment	Net Area for Park Development (Hectare)
Part 1	86	56.656	8.0220	48.634
Part 2	87	14.164	0.0504	14.11
<b>Total</b>		<b>70.82</b>	<b>8.0724</b>	<b>62.744</b>



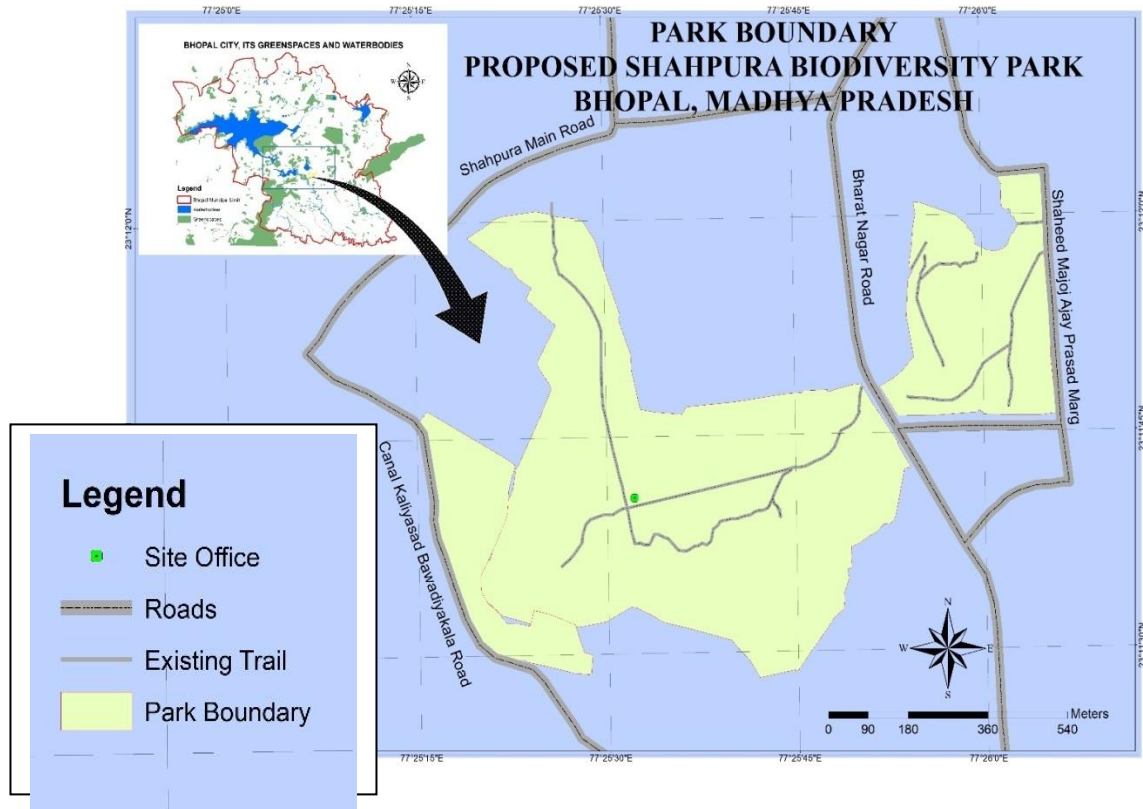
## 2.6 Status of Park Boundary

The park boundary is total of 3801 m for Part 1 and 1937 m for Part 2. In Part 1, around 2157.6m of boundary wall is open and need fencing. Only 1643.4 met of boundary is chainlink fencing. Majority of the unfenced area is on southern and northern boundary (along slums). Breaks and gaps are more on Baba colony side. In Part 2, major boundary is barbed wired fenced (1174m) and need repair only. Open spaces are almost nil.

Part	Plot No.	Boundary ( Meter)	Fenced Boundary ( Meter)	Unfenced Boundary ( Meter)
Part 1	86	3801	1643.4 met. chainlink	2157.6 (1616m is concrete private wall fencing and 541.6 met require fencing)
Part 2	87	1937	1174 met Barbed Fenced	00



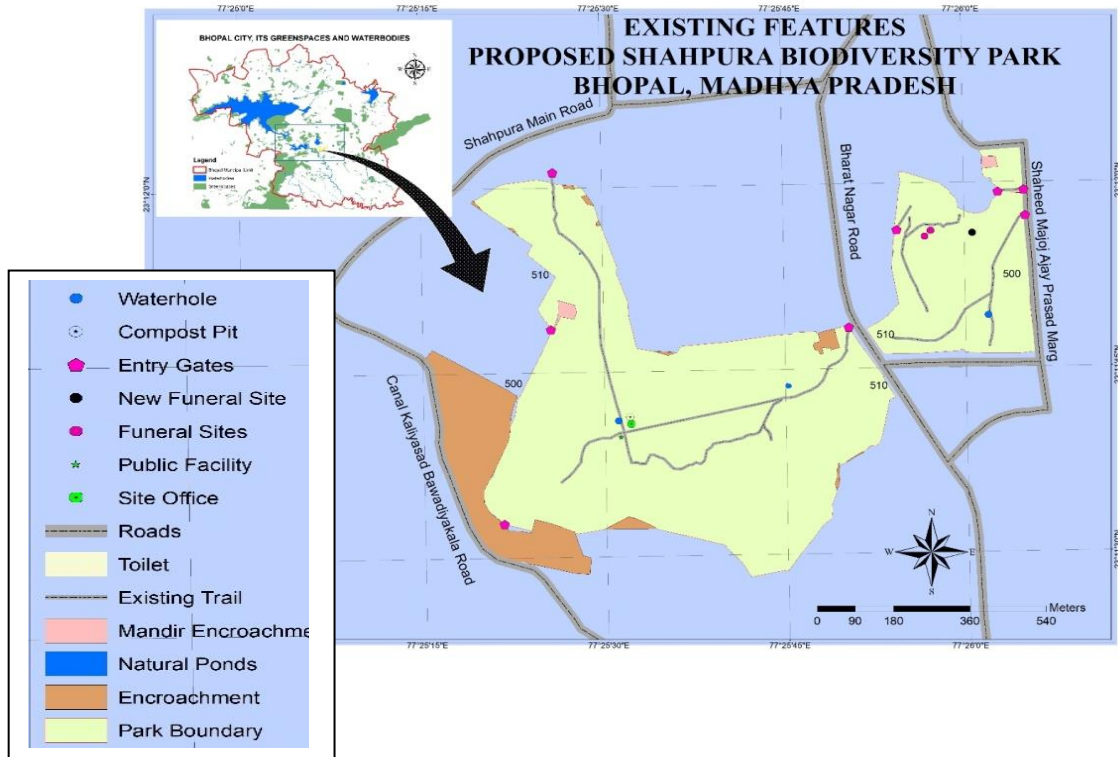
**Status of Park Boundary**



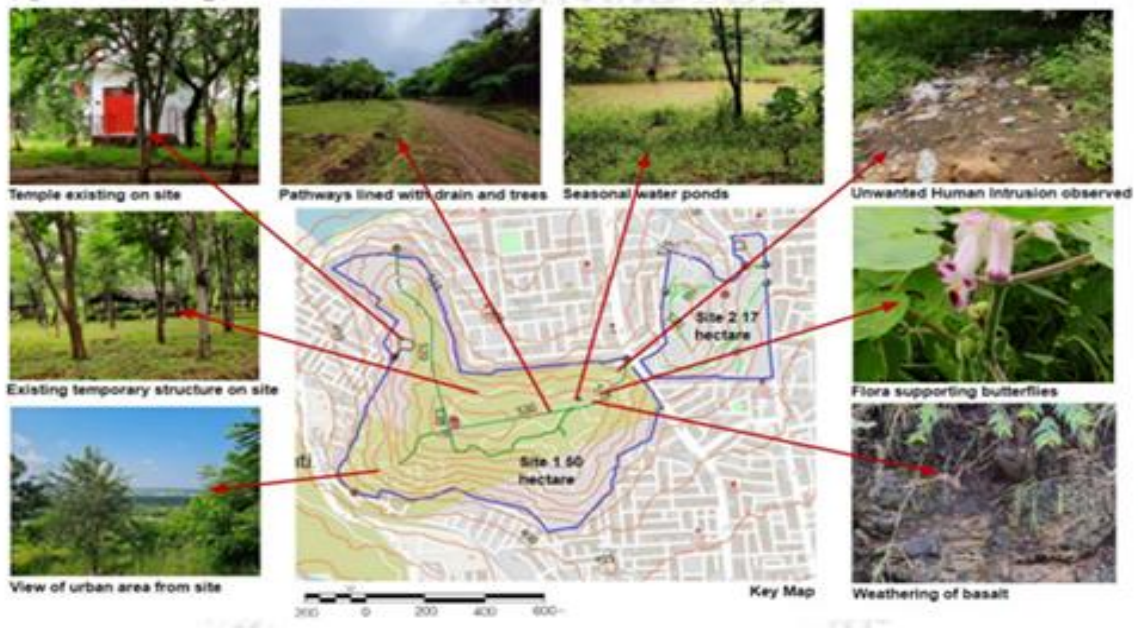
## 2.7 Existing Feature

1. **Trail** - Shahpura Part 1 have 2316m of trail and Part 2 have 1272m of trail.
2. **Water body** - There is 2 natural waterbody in Part 1 one near the main gate toward Bharat Nagar Road and one toward Shahpura Main road. One waterhole near existing office and one in Part 2 have constructed for wild animals.
3. **Tank** - Three irrigation tanks i.e. one in Part I and two in Part II have been identified. A total of 6144 sq. m of area of park has been diverted to Nagar Nigam.
4. **Gates** - Part 1 of main gate on Bharat Nagar Road, and another toward Bharat Nagar and Shahpura Main Road (marked with pink). In Part 2, Main gate is on Shaheed Major Ajay Prasad Marg.
5. **Funeral Site** - one old funeral sites have been marked with circular pink mark

Particular	Part 1	Part 2
Trail	2136 met	1772 met
Water Body	2	0
Gate	3	1
Funeral Site	0	1

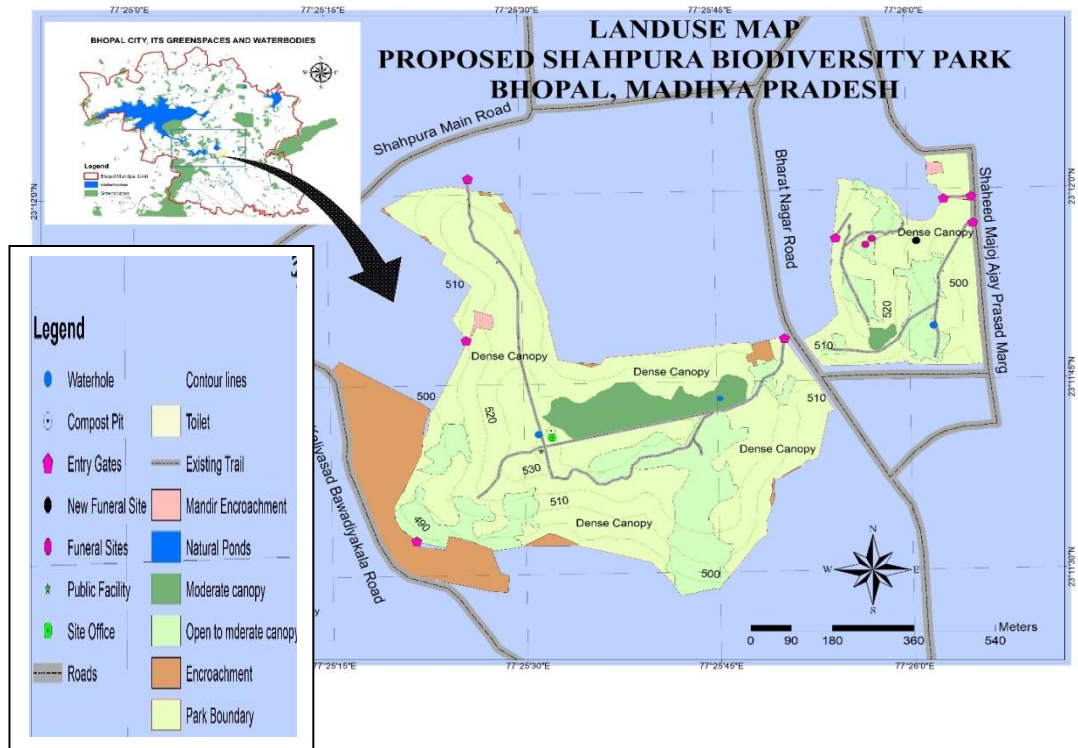






## 2.8 Land Use Land Cover

Particular	Part 1 Area (Hect,)	Part 2 Area (Hect,)
Open Canopy (0-50 % Canopy cover)	0.6565	3.3618
Moderate Canopy (50-70 % Canopy cover)	3.4310	0.2470
Dense Canopy (70% & above Canopy cover)	42.5465	10.5012
	<b>48.634</b>	<b>14.11</b>



## 2.9 Hydro-geological Status (For sustainable groundwater availability)

The proposed bio diversity park at table top land require assessment and planning for soil moisture with saturation in the subsurface stratum, as it will be ensuring the sustainable availability of water in lean period. For this purpose, visit of hydrologist was conducted on 25-09-2021 at bio diversity park Shahpura Bhopal MP along with PCCF member secretary, Bio Diversity Board, director School and Planning and other experts. Key observations have been marked according to hydro-geological conditions.

The Bio Diversity Park Shahpura Area topography contours ranges between 487 to 533 m amsl. Two Basaltic flow in the area are to be studied for groundwater management Interventions at feasible location in the park area which are in the

range from 503 to 514 m amsl and 514 to 530 m amsl. Following aspects of the area have to be investigated.

1. Demarcation of recharge worthy areas and suitable locations for groundwater recharge.
2. Hydro geological mapping and delineation of hydro geological Units.
3. Assessed the nature and extent of aquifer water bearing layers in Deccan Trap formation, ground water level, its seasonal fluctuations and yield potential.
4. Identification of different aquifer potential at various depth and their thickness variation,
5. Mapping and preparation of different layers for feasibility studies for identification of potential area to construct conservation structures & recharge to groundwater, using hydrogeology, Satellite images or other mean of merged imagery satellite data and geophysical field techniques.
6. Potential lineaments will be traced and its extent will be measure, thickness will also be work out in relation with aquifer disposition using geophysical survey and satellite data.
7. Suitable locations for tube well construction.
8. The DGPS survey of the area will form the surface elevation variation and slope condition at table top of the park area that help to understand the planning of the area.
9. The slope all around the table top land area are also to be area of recharge to basaltic fava disposition.
10. At the base of the park area are characterized by vesicular basalt that will conserve and recharge in the basin structure all around area.

**The investigation of above aspects would solve the purpose to achieve the following objectives-**

1. Runoff water Management for Surface conservation and groundwater recharge.
2. Identification of areas to assess base flow for retardation impact.
3. Identification of Recharge structures at suitable locations for sustainable groundwater development for bio diversity park.

## 2.10 Soil Type of the proposed area

Bhopal district, spanning over an area of about 2772 km<sup>2</sup> , lies in the central part of the state of Madhya Pradesh. The district is bounded by Guna district on the north, Vidisha district on the northeast, Raisen district on the east and Sehore and Rajgarh district on the southwest and west respectively. The district lies between North latitude 23<sup>0</sup>05' and 23<sup>0</sup>54' and east longitude 77<sup>0</sup>10' and 77<sup>0</sup>40', falling in Survey of India Topo sheet No. 55 E. As per 2001 census, the population of Bhopal district is about 33,26,228 with rural population of about 18,43,510 and urban population of 4,82,718. Thus, the district is largely an urban district. Bhopal district forms the part of Malwa plateau with generally an undulating topography.

The Vindhyan hill range occupies the eastern part of Phanda block, including a major part of Bhopal city. Almost three-fourths area of the district is covered with black cotton soils forms by the weathering of basaltic rocks. The rest part of the district area is covered with yellowish-red, mixed soils derived from sandstone and shale. **The Predominant Geological Formations are** Deccan Trap basalts, Vindhyan shales and sandstone and the **Major Water Bearing Formation-** Weathered/vesicular basalt, flow contacts and fractured sandstone



## 2.11 Status of Flora and Fauna

Madhya Pradesh State Biodiversity Board, Bhopal organized a field visit on 25 September, 2021 to foresight the proposed plan of developing the Shahpura forest area into a 'Biodiversity Park' The site visit was followed by a discussion with the officials of M.P. Biodiversity Board and experts from varied disciplines related to environment, landscaping, hydrology and biodiversity. Preparation of a preliminary report was planned on exploring the possibility of establishment of Biodiversity Park with strengthening the existing protected forest area.

The proposed site is a city forest of divided in two adjacent locations Part -1 and Part -2 hectares each. With this context for the inventorization of flora and fauna, field investigations were conducted by Professor of Department of Botany and Zoology, Government Nutan College, Bhopal at different intervals during the period of October-November 2021 to understand the possibility of developing the area into a Biodiversity park especially for conservation of peacock and establishment of a butterfly park

based on the available flora and fauna in the area. Monitoring of biodiversity is an important aspect to realize the sign of ecological changes, need of conservation and status of ecology and ecosystem of the area. Such a monitoring cannot be done without creating a database of flora and fauna of the area concerned. So, the present study is focused on the inventorization of biodiversity of the area. This study may help to support the concept of establishing a Biodiversity Park. Hence the proposed study is very much relevant in aforesaid context as it would focus on the following:

- Taxonomic survey of the present biodiversity of the study area.
- Documentation of the prevailing flora and fauna at the level of plant species (Trees, Shrubs, Herbs, Grasses and Climbers), avian species, insects and butterflies.

Following observations were reported -

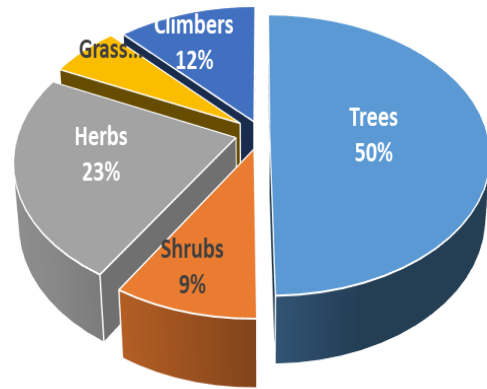
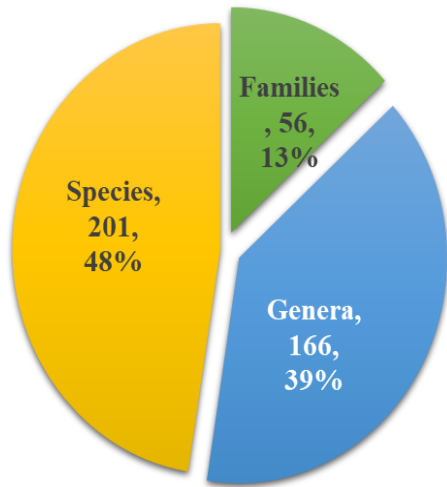
**Reported Plant Species in Shahpura Forest:** 201 plant species were reported belonging to 166 genera and 56 families

**Floral observation- Habit wise number of representative plant species**

S.No.	Habit	No. of Species
1	Trees	100
2	Shrubs	18
3	Herbs	47
4	Grasses	11
5	Climbers	24
<b>Total</b>		<b>201</b>

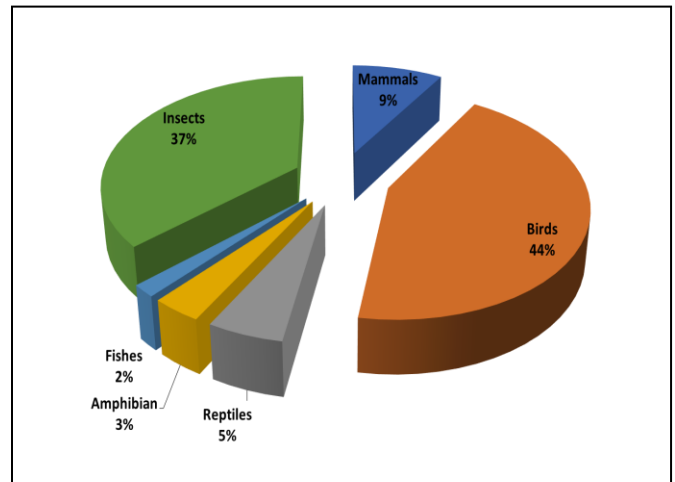
S. No.	Habit	No. of Species
1	Families	56
2	Genera	166
<b>Total Species</b>		<b>201</b>

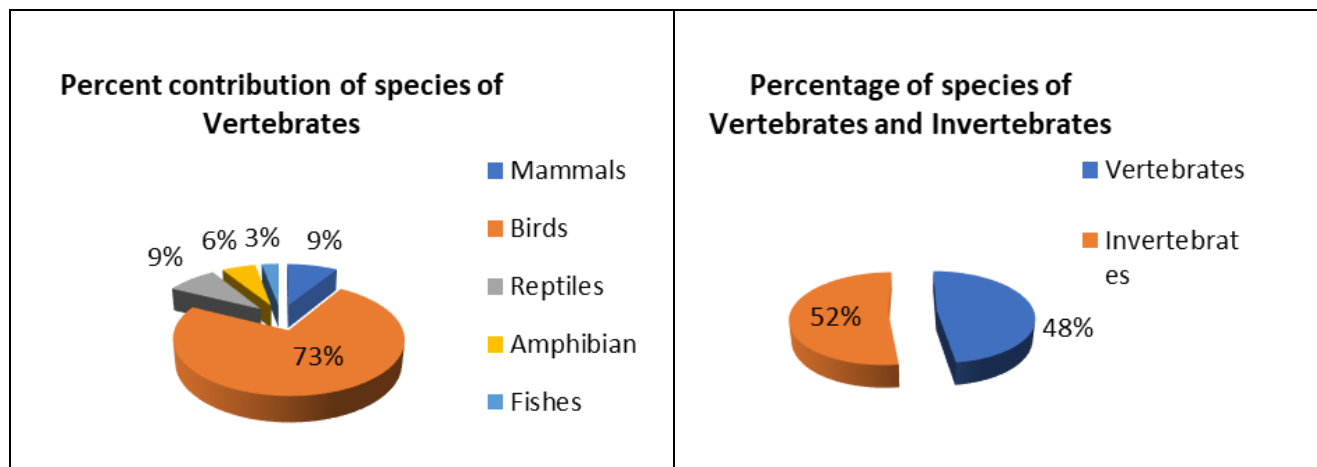
### Distribution of species in the area (Taxonomical study)



### Faunal observation-

S. No.	Faunal Species	No.	Remark
1	Mammals	3	<b>Chordates Vertebrates</b>
2	Birds	25	
3	Reptiles	3	
4	Amphibian	2	
5	Fishes	1	
6	Arthropdes	34	<b>Non- Chordate / invertebrates</b>
7	Annelids	1	
8	Molluscs	2	
<b>Total</b>		71	





The above study conducted for a brief period reaffirms the presence of various categories of fauna especially birds, butterflies and many other insects which were predominantly recorded in this forest area, and are observed to be well protected by the concerned agencies like CPA, Forest with the assistance of MP Forest Department. As the project site is amidst Bhopal city therefore, direct or indirect impacts on the surrounding environment due to the rapid urbanization are anticipated.

Butterflies serves as an important plant pollinator in the local environment and are sensitive to habitat degradation, hence the setting of park will help in increase in flora and bio-indicator property of butterflies. Surveyed sites are having variety of plant species with least anthropogenic activities, could provide a good suitable environment for establishing Butterfly Park. Similarly at a suitable site in the park, conservation of Peacock could be carried out in a scientific manner as the site is free of anthropogenic activities, providing a congenial atmosphere for the birds.

The site provides lots of scope for further studies for gathering baseline faunal data on the basis of which management and conservation plan of various faunal species could be carried out. It is recommended that the biodiversity of the site is to be carried out for all the three seasons which will provide an actual data for the Inventorization.



## 2.12 Positive Factors of Proposed Site

1. Pre-existing forest ecosystem
2. Native species of trees and grasses are already present as same as reference ecosystem
3. Potential for connecting corridors with neighboring eco-systems (Swarn Jayanti Park & Kaliasot)
4. Prime location in the heart of the city
5. Peacock availability (Mor-van)
6. Hill top view

## Proposed Activities

A. Biodiversity conservation and Aesthetics			
Sr.no	Proposed Activities	Proposed Part of Area	Remarks
1	Flower Zone (Indigenous flower conservatory)	Part – 1	Approximate area: 0.5 hectare
2	Cactus garden & Succulent Plants	Part – 1	Approximate area: 0.5 hectare.
3	Butterflies Host Plants Conservatory	Part – 1	Approximate area: 0.5 hectare.
4	Conservatory for medicinal and ethnomedicinal plants	Part – 1	Herbal Garden Zone Approximate area: 2-3 hectare.
5	Arboretum	Part – 1	Conservatory for Agroclimatic zone-based RET plants Can be developed near entrance area of B.D Park. Approximate area: 0.5 Hectare
6	Area for Resting, Roosting and Nesting of Birds	Part – 1	
7	Connecting Corridors	Part – 1	Green Corridors, Green ways and Walkways (connecting corridors to connect different patches) Approximate area: 2-3 hectare.
8	Gene bank of wild cultivators	Part – 1	Approximate area: 0.5 hectare.
9	Bambusetum	Part – 1	Conservatory for Bamboo species Approximate area: 2-3 hectare

<b>B. Recreation and Adventure</b>			
<b>Sr.no</b>	<b>Proposed Activities</b>	<b>Proposed Part of Area</b>	<b>Remarks</b>
1	Viewpoints	Part - 1	water tank cum viewpoints/ machan/ Watchtowers
2	Jogger's/ Cycling Trail	Part - 1	
3	Forest activity-based area for kids	Part - 2	To be implemented
4	Virtual Forest safari	Part - 2	Nature Interpretation Centre
5	Biodiversity Interpretation Centre	Part - 2	
<b>C. Biodiversity Outreach</b>			
<b>Sr.no</b>	<b>Proposed Activities</b>	<b>Proposed Part of Area</b>	<b>Remarks</b>
1	Seed library	Part - 2	At Nature Interpretation Centre
2	Amphitheatre	Part - 2	At Nature Interpretation Centre
3	Nursery outlet	Part - 2	At Nature Interpretation Centre
4	Biodiversity Outreach - QR Coding of Trees or other species	Part - 2	
<b>D. Peace and Tranquility</b>			
<b>Sr.no</b>	<b>Proposed Activities</b>	<b>Proposed Part of Area</b>	<b>Remarks</b>
1	Sacred Plants zone	Part - 2	Approximate area: 2-4 hectare

S. No	Part	Conservation and Aesthetics	Recreation and Adventure	Biodiversity Outreach	Peace and Tranquility	Total No of Selected Activities
1.	I	9	2	0	0	11
2.	II	0	3	4	1	8
	<b>Total</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>19</b>

### Annexure – 3-A

Proposed Infrastructure	
Sr.no	
1.	Entry Gate location
2.	Parking area location
3.	Restrooms
4.	Waiting area
5.	Common Pathway
6.	Bridge Pathway (Part 3) - (bridge connecting to Part – 1 and 2)
7.	Trails development in forest area
8.	Fencing
9.	Nature Interpretation center (NIC) and office area.

## Cover Letter

(On Letter-head of Applicant)

Ref No:

Date:

To,  
The Member Secretary  
Madhya Pradesh State Biodiversity Board,  
Makhan Lal Chaturvedi University,  
Fourth Floor, B-38, Vikas Bhavan, Zone-1 M.P. Nagar  
Bhopal-462011

**Subject: Submission of Proposal in response to your RFP for “Preparation of a Detailed Project Report (DPR) for “Development of Biodiversity Park Nagar Van, Mor-Van in Bhopal”**

Dear Sir/Madam,

1. With reference to your RFP Document dated ....., I/we, having examined the RFP document along with all relevant documents and understood their contents, hereby submit our Proposal for the captioned Project- **“Preparation of a Detailed Project Report (DPR) for “Development of Biodiversity Park Nagar Van, Mor-Van in Bhopal”** , subject to the invitation to offer made by you. We the undersigned are, hereby, expressing our Interest to participate in the project to prepare DPR.
2. We are submitting our Proposal as [sole Bidder/Consortium] [with] [insert a list with full name and address of other member of consortium].
3. We understand that the purpose of this RFP is to identify potential applicant interested in the project and award the project to the best applicant in terms of eligibility, technical and financial criteria. Further, the issue of this RFP does not imply that MPSBB is bound to appoint the selected applicant for the project and MPSBB reserves the right to reject all or any of the submissions, hereunder, without assigning any reasons whatsoever.
4. We understand that we satisfy the minimum eligibility requirements to participate in this RFP as outlined in the RFP document.

5. Further, we understand after evaluation of all the proposal received by MPSBB, MPSBB may shortlist suitable proposals, ask for detailed presentations and select the highest scorer, in terms of technical and financial criteria, for award of the project.
6. The Bid Security of Rs.       /- (Rupees       ) is submitted through in accordance with the RFP document.
7. A Power of Attorney in favor of the authorized signatory to sign and submit this Proposal and documents is attached herewith in Annexure 5.
8. I/We agree to keep this offer valid for 120 (One Hundred and Fifty) days from the Bid Submission End Date specified in the RFP.
9. All information provided in the Proposal is true and correct and all documents accompanying such Proposal are true copies of their respective originals.
10. This statement is made for the express purpose of appointment for the aforesaid work.
11. I/We shall make available to the Authority any additional information it may deem necessary or require for supplementing or authenticating the Proposal.
12. I/We acknowledge the right of the Authority to reject our Bid without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.
13. I/We certify that in the last 3 (three) years, we have neither failed to perform on any contract, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the Bidder, nor been expelled from any project or contract by any public authority nor have had any contract terminated by any public authority for breach on our part.
14. We further certify that neither we nor any of our consortium members have been barred or blacklisted by the Central Government, any State Government, a Statutory Body, any Public Sector Undertaking or any Multi-lateral funding agency, as the case may be, from participating in any project or bid, and that any such bar, if any, does not subsist as on the Bid Submission End Date for this RFP.
15. I/We further certify that no investigation by a regulatory authority is pending either against us or against our Associates or against our CEO or any of our Directors or equivalent / Proposed key personnel for this assignment referenced to their official representation with us.
16. I/We declare that:
  - a. I/We have examined and have no reservations to the RFP Documents, including any Addendum issued by the Authority;
  - b. I/We do not have any conflict of interest in accordance with the terms of the RFP Document;
  - c. I/We have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or

restrictive practice, as defined in the RFP document, in respect of any tender or request for Proposal issued by or any agreement entered into with the Authority or any other public sector enterprise or any government, Central or State; and

- d. I/We hereby certify that we have taken steps to ensure that in conformity with the provisions of the RFP, no person acting for us or on our behalf will engage in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.
17. I/We understand that you may cancel the Selection Process at any time and that you are neither bound to accept any Proposal that you may receive nor to select the Applicant, without incurring any liability to the Bidders in accordance with clauses of the RFP document.
18. I/We certify that in regard to matters other than security and integrity of the country, we or any of our Associates have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory authority which would cast a doubt on our ability to undertake the Consultancy for the Study or which relates to a grave offence that outrages the moral sense of the community.
19. I/We further certify that in regard to matters relating to security and integrity of the country, we have not been charge-sheeted by any agency of the Government or convicted by a Court of Law for any offence committed by us or by any of our affiliates.
20. I/We hereby irrevocably waive any right or remedy which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by the Authority [and/ or the Government of Madhya Pradesh] in connection with the selection of Applicant or in connection with the Selection Process itself in respect of the above-mentioned study.
21. I/We agree and understand that the Proposal is subject to the provisions of the RFP document. In no case, shall I/we have any claim or right if Proposal is not opened or rejected.
22. In the event of our firm being selected as t, I/we agree to enter into a Contract in accordance with Section-5 of the RFP. We agree not to seek any changes in the aforesaid form and agree to abide by the same.
23. This Technical Proposal read with the Financial Proposal shall constitute the Bid which shall be binding on us.
24. If negotiations are held during the period of validity of the Proposal, we undertake to negotiate in accordance with the RFP. Our Proposal is binding upon us, subject only to the modifications resulting from negotiations in accordance with the RFP.
25. We understand you are not bound to accept any Proposal you receive.

In witness thereof, I/we submit this Proposal under and in accordance with the terms of the RFP Document.

Yours faithfully,

\_\_\_\_\_  
(Name of Bidder/Lead Member)

\_\_\_\_\_  
(In the capacity of)  
Seal of Bidder/ Lead Member

\_\_\_\_\_  
(Name and designation of the Entity)  
Duly authorized to submit the RFP to undertake the project, for and on behalf of  
(Fill in block capitals)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness

Signature \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_



## Power of Attorney for the person signing the Proposal

**(On Non-judicial stamp paper of Rs. 100/- duly attested by notary public)**

Know all men by these presents, we, \_\_\_\_\_ (name and address of the registered office of the Applicant) do hereby constitute, appoint and authorize Mr. / Ms. \_\_\_\_\_ R/o \_\_\_\_\_ (name and address of residence) who is presently employed with us and holding the position of \_\_\_\_\_, as our true and lawful attorney (hereinafter referred to as the “Authorized Representative”), to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to the proposal for Preparation of the Detailed Project Report (DPR) (the “Project”), including signing and submission of all documents and providing information/responses to Madhya Pradesh State Biodiversity Board (MPSBB), representing us in all matters in connection with our proposal submission for the said Project.

AND, we do hereby agree to ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said attorney (“Authorized Representative”) pursuant to and in exercise of the powers conferred by this Power of Attorney and agree that all acts, deeds and things done by our aforesaid attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE, ..... THE ABOVE NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS ..... DAY OF ....., 2024.

Accepted ..... For

(Signature) (Signature)

(Name, Designation and Address of the Attorney)(Name, Designation, and Address)

Witnesses:

- 1.
- 2.

Notarized Accepted

(Signature, name, designation and address of the Attorney)

**Notes to Power of Attorney:**

- *To be executed by the Lead Member in case of Consortium.*
- *The mode of execution of Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable Law of India and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.*
- *The Power of Attorney should be executed on a non-judicial stamp paper of Rs. 100 (one hundred) and duly notarized by a notary public.*
- *Also, wherever required, the executant(s) should submit for verification the extract of the charter documents and documents such as a resolution / Power of attorney in favor of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the executant(s).*

## Particulars of the Applicant

(On the Letterhead of the Applicant)

1.	State whether applying as Sole Bidder or Lead Member of a consortium:	
	State the following:	
	Name of Sole Bidder/Lead Member of Consortium	
	Legal status (Attach copy of Byelaws)	
	Country of incorporation	
	Registered address	
	Year of Incorporation/ Date of Registration	
	Registration Number (Attach copy of Registration certificate)	
	Year of commencement of business	
	Principal place of business	
	GST Registration and Latest three years Return (Attach copy)	
	PAN No. and Last three years Return (Attach copy):	
	TAN Registration No. (Attach copy)	
	EPF Registration and Latest Return (Attach copy)	
	Professional Tax Registration and Last three years Return (Attach copy)	
	Latest filing with Registrar of Companies/Societies/Trusts (Attach copy)	
	Narrative description of applicant's firms if any (Use another sheet, if necessary) (Attach copy)	

2.	Name, designation, address and phone numbers of authorized signatory of Sole Bidder/Lead Member of Consortium	
	Name	
	Designation	
	Company	
	Address	
	Phone/Mob No.	
	Fax No.	
	E-mail address	
	Name, designation, address and phone numbers of Key Contact Person of the Sole Bidder/Lead Member of Consortium	
	Name	
	Designation	
	Company	
	Address	
	Phone No.	
Fax No.		
E-mail address		
3.	If the Bidder is a consortium, state the following for each of the other Member Firms:	
	i. Name of Firm	
	ii. Legal Status and country of incorporation	
	iii. Registered address and principal place of business	
	iv. Name of Key Contact Person	
	v. Address	
	vi. Phone No.	
	vii. Fax No.	
viii. E-mail Address		

<p>4.</p>	<p>If the Bidder is a consortium, state the Roles and Responsibilities pertaining to the assignment for the Lead Member of the Consortium and other Member Firms of the Consortium:</p> <p>Lead Member:</p>  <p>Member Firm 1:</p>  <p>Member Firm 2:</p>
<p>5.</p>	<p>For the Bidder, (in case of a consortium, for each Member), state the following information:</p> <p>i. In case of non-Indian Firm, does the Firm have business presence in India?</p> <p style="text-align: right;">Yes/No</p> <p>If so, provide the office address(es) in India.</p> <p>ii. Has the Bidder or any of the Members in case of a consortium been penalized by any organization for poor quality of work or breach of contract in the last five years?</p> <p style="text-align: right;">Yes/No</p>

	<p>iii. Has the Bidder/ or any of its Associates ever failed to complete any work awarded to it by any public authority/ entity in last five years?</p> <p style="text-align: right;">Yes/No</p> <p>iv. Has the Bidder or any member of the consortium been blacklisted from the Government of India, Government of Madhya Pradesh, any other State Governments, any PSU of Central Government or State Government or any other Public Sector or Multilateral Agency in the last five years and such bar subsists as on the Bid Submission End Date for this RFP?</p> <p style="text-align: right;">Yes/No</p> <p>If answer to any of the questions at (ii) to (iv) is yes, the Bidder is not eligible for this assignment.</p>
6.	<p style="text-align: center;">(Signature, full name and designation of the authorized signatory)</p> <p style="text-align: center;">Date</p> <p style="text-align: right;">Stamp and</p>

***Incorporation Certificate/Certificate of Registration of Sole Bidder/all members of Consortium as the case may be, to be enclosed.***

## **Non-Black Listing Certificate**

(On Letterhead of Applicant)

TO WHOMSOEVER IT MAY CONCERN

This is to certify that we ..... (Name of the Agency) registered under the .....  
(Name of the Act) vide registration no. .... do hereby declare and confirm that we have  
neither been black-listed nor bankrupt by a Ministry/Department/Board/Corporation / Any other  
entity of the Central or State Government or by any quasi-government or any Public Sector  
Undertaking or any bank or any other entity till date.

Authorized Person's Signature.

Name and Designation:

Date of Signature:

Note: The declaration is to be furnished on the letterhead of the organization.

## Self-Evaluation Form

(Please evaluate the technical bid yourself based on Evaluation Criteria in Section IV-D)

S. No.	Parameters	Max Mark	Marks Obtained	Reference Document Page Number(s)
1	Turnover <b>(Ref.- Annexure - 10)</b>	<b>10</b>		
2	Applicant is having an experience in the DPR preparation and implementation or management of <b>Biodiversity Park Projects.</b> <b>(Ref.- Annexure-11)</b>	<b>20</b>		
3	Applicant is having an experience in the DPR preparation and implementation or management of <b>Similar projects.</b> <b>(Ref.- Annexure-12)</b>	<b>20</b>		
4	Team consisting of key personnel/ six members having experience in developing Biodiversity park or similar projects mentioned in Section-IV- B (c) Namely- Landscape Architect Botanist Architect Zoologist/Wildlife Expert Biodiversity Expert and Finance Expert. <b>(Ref.- Annexure-13)</b>	<b>10</b>		
5	Institutional subject experts having experience/expertise/ competency in their respective fields mentioned in Section-IV- B (d) <b>(Ref.- Annexure-14)</b>	<b>10</b>		
6	Approach & methodology adopted by Applicant for DPR preparation for executed project (Biodiversity Park or Similar Project). <b>(Ref.- Annexure-15)</b>	<b>10</b>		
7	Presentation of DPR prepared by Applicant of an executed project (Biodiversity Park or Similar Project) <b>(Ref.- Annexure16)</b>	<b>10</b>		
8	Presentation of proposed DPR of Biodiversity Park at Shahpura, Bhopal. <b>(Ref.- Annexure16)</b>	<b>10</b>		
	TOTAL	<b>100</b>		



## **Undertaking**

I certify that the information submitted for RFP for preparation of DPR for the establishment of “Biodiversity Park at Shahpura, Bhopal, Madhya Pradesh” is true to the best of our knowledge. I also understand that any misleading or wrong information given in this application will lead to disqualification of this application straightaway.

**Authorized Signatory of Applicant**

## Annual Turnover of applicant

(Financial statement of last 03 (three) financial years)

(Rupees in Lakhs)

Sr. No.	Particulars	2021-2022	2022-2023	2023- 2024
1	Annual Turnover			
2	Net Profit			
3	Reference Document total Pages (No).			

Attachment- Total no of pages \_\_\_\_\_ are attached herewith.

1. *Values should be duly certified by statutory body like Chartered Accountant or Independent Auditors who are competent to do so as recognized by the State concerned.*
2. *The amount shall be stated in Indian Rupees (INR).*
3. *For the purpose of shortlisting, conversion to Indian Rupees shall be based on average of the buying and selling rates of Reserve Bank of India as on the Proposal submission date.*
4. *In case the exchange rate for any currency is not available as per the provision of this section, then MPSBB reserves the right to use the rate available from an alternative source at its sole discretion.*

## Details of Experience (Establishment of Biodiversity Park)

(Applicant is having an experience in the DPR preparation and implementation or management of Bio diversity Park Projects)

S. N O	Name of Project and Assignment	Name of the supporting / Funding Agency	Location	Year of Assignment	Assignment Fees	Total Project Cost	Date of Commencement	Date of completion/ present status	Achievements	Ref. Document /Proof Attached

**Note:**

- Please enclose the supporting documents (i.e., work order/completion certificate etc.) for each work mentioned above.
- Form for each member of consortium to be provided.

Signature of the applicant  
Full name of applicant  
Stamp & Date

## Details of Experience (Establishment of Similar Project)

(Applicant is having an experience in the DPR preparation or implementation or management of similar projects)

(Similar project means project related to Biodiversity Park, Nature Park, Ecotourism, Biological Garden, Botanical Garden.)

S. N O	Name of Project and Assignment	Name of the supporting / Funding Agency	Location	Year of Assignment	Assignment Fees	Total Project Cost	Date of Commencement	Date of completion/ present status	Achievements	Ref. Document /Proof Attached

**Note:**

- *Please enclose the supporting documents (i.e., work order/completion certificate etc.) for each work mentioned above.*
- *Form for each member of consortium to be provided.*

Signature of the applicant  
Full name of applicant  
Stamp & Date

## **Curriculum Vitae (CV) of Team**

Team consisting of key personnel/ six members having experience in developing Biodiversity park or similar projects mentioned in Section-IV- B (c) Namely-

Landscape Architect

Botanist

Architect

Zoologist/Wildlife Expert

Biodiversity Expert and

Finance Expert.

## **Curriculum Vitae (CV) of Institutional Subject Experts**

Institutional subject experts having experience/expertise/ competency in their respective fields mentioned in Section-IV- B (d)

### **Specific field-**

Institutional Subject Experts may be required with more than 10 years of experience in the fields such as conservation biology, ecosystem restoration, civil engineering, horticulture, taxonomy, geology, forestry, environmental science, natural resource management, GIS expert, hydrology, and sociology (Master of Social Work—MSW).

## Approach & methodology adopted by applicant for DPR preparation for executed Biodiversity Park or Similar Project) and Proposed Project

***Following details to be provided for methodology and approach outlining various steps in both the executed project and the proposed Biodiversity Park project in Shahpura, Bhopal-***

a) **Technical Approach & Methodology:**

- *Proposed Technical Approach & Methodology-* Please explain your understanding of the objectives of the assignment as outlined in the Annexures 1,2 and 3, the approach, and the methodology you would adopt for implementing the tasks to deliver the expected output(s), and the degree of detail of such output. Please do not repeat/copy the details attached in here.
- *Executed Project-* Please provide the entire details of adopted approach, and the methodology for implemented tasks for delivered output(s) in executed project.

b) **Work plan:**

- *Proposed Work plan:* Please outline the plan for the implementation of the main activities/tasks of the assignment, their content and duration, phasing and interrelations, milestones, and tentative delivery dates of the reports. The proposed work plan should be consistent with the approach and methodology, showing your understanding of the Annexures 1,2 and 3 and, ability to translate them into a feasible working plan. A list of the final documents (including reports) to be delivered as final output(s) should be included here. The work plan should be consistent with the Work Schedule at Annexure 18.
- *Executed Project:* Outline plan for the implemented main activities/tasks of the assignment, their content and duration, phasing and interrelations, milestones, of the implemented project.

c) **Organization and Staffing:** Please describe the structure and composition of your team, including the list of the Key Experts, Non-Key Experts and relevant technical and administrative support staf

## **Power point presentation**

1. Power point presentation of DPR prepared by Applicant of an executed project (Biodiversity Park or Similar Project).
2. Power point presentation of proposed DPR of Biodiversity Park at Shahpura, Bhopal.



**Financial Offer**

(Rs. Lakh)

<b>S.No.</b>	<b>Cost Head</b>	<b>Quoted Value</b>	<b>Applicable taxes</b>	<b>Total Cost</b>
1	Preparation of Detailed Project Report (DPR)			

**Note:**

- 1. The financial offer should only be given on e-tender portal at the place of financial bid.**

## Work Schedule Form

S. No	Key Activity/Deliverable	Week/Months				
		1	2	3	4	n
1						
2						
3						
4						
n						

- *Indicate all main activities of the assignment, including delivery of reports (e.g.: inception, interim, and final reports), and other benchmarks such as Client approvals. For phased assignments indicate activities, delivery of reports, and benchmarks separately for each phase.*
- *Duration of activities shall be indicated in the form of a bar chart.*
- *Include a legend, if necessary, to help read the chart.*

## Checklist

(All relevant information and documents shall be uploaded on e-tender portal as per requirement)

S. No.	Particulars	Submitted (Yes/No)
<b>A. Supporting Documents:</b>		
1	Cover Letter <b>(Annexure - 4)</b>	
2	Power of Attorney of the Person Signing the Proposal <b>(Annexure - 5)</b>	
3	Particulars of the Applicant <b>(Annexure - 6)</b>	
3.1	Byelaws of Applicant's Organization	
3.2	Registration Certificate	
3.3	GST Registration and Last three-year returns	
3.4	PAN Card	
3.5	TAN Registration	
3.6	ITR and Last three-year returns	
3.7	EPF Registration and Last three-year returns	
3.8	Professional Tax Registration and Last three-year returns	
3.9	Latest filing with Registrar of Companies/Societies/Trusts	
3.10	Narrative description of applicant firms, if any	
4	Non- Black Listing Certificate <b>(Annexure - 7)</b>	
5	Self-Evaluation Form <b>(Annexure - 8)</b>	
6	Undertaking <b>(Annexure- 9)</b>	
<b>B. Documents for Technical Evaluation</b>		
7	Annual Turnover of applicant <b>(Annexure - 10)</b>	
8	Details of Experience (Establishment of Biodiversity Park) <b>(Annexure - 11)</b>	
9	Details of Experience (Establishment of Similar Project) <b>(Annexure - 12)</b>	
10	Curriculum Vitae (CV) of Team <b>(Annexure - 13)</b>	
11	Curriculum Vitae (CV) of Institutional Subject Experts <b>(Annexure - 14)</b>	
12	Approach & methodology adopted by applicant for DPR preparation for executed Biodiversity Park or Similar Project) and Proposed Project <b>(Annexure - 15)</b>	
13	Power point presentation. (For both executed and proposed project) <b>(Annexure - 16)</b>	
14	Work Schedule Form <b>(Annexure - 18)</b>	