



BANGLADESH NATIONAL ZOO

Preparation of master Plan for Bangladesh National Zoo, Dhaka and Rangpur recreation garden / Zoo Project

Expression of Interest

For

Preparation of master Plan for Bangladesh National Zoo, Dhaka and Rangpur recreation garden / Zoo.

April, 2017

Government of the People's Republic of Bangladesh
Office of the Curator
Bangladesh National Zoo, Mirpur, Dhaka.

Memo No.-33.01.0000.106.38.042-677

Date : 24/04/2017

Request for Expression of Interest (EOI)

1	Ministry/Division	Ministry of Fisheries and Livestock		
2	Agency	Department of Livestock Services		
3	Procuring Entity Name	Curator, Bangladesh National Zoo, Mirpur, Dhaka.		
4	Procuring Entity District	Dhaka		
5	Invitation for	Hiring of consulting firm for preparation of Master Plan for Modernization of Bangladesh National Zoo, Dhaka and Rangpur Zoo.		
6	Invitation Ref No.	33.01.0000.106.38.042-677		
7	Date	Date : 24/04/2017		
KEY INFORMATION				
8	Procurement Method	EOI- on QCBS (International)		
FUNDING INFORMATION				
9	Source of Funds	Development Budget (GOB)		
10	Development Partners(if applicable)	N/A		
PARTICULAR INFORMATION				
11	Project/Program Code	N/A		
12	Project/Program Name	Preparation of Master Plan for Modernization of Bangladesh National Zoo, Dhaka and Rangpur Zoo.		
13	EOI Closing Date, Time & Place	Date: 25/05/2017 Time: 12.00 Noon BD Time Place: Curator's Office, Bangladesh National Zoo, Mirpur, Dhaka.		
INFORMATION FOR APPLICANT				
14	Brief of the Project/Assignment	The services for "Preparation of master plan for modernization of Bangladesh National Zoo and Rangpur recreation garden/ Zoo" include different Survey, investigation, study and preparation of detailed master plan of Both National Zoo, Dhaka and Rangpur recreation garden/ Zoo, Description of detail structures of different infrastructures including animal enclosures, to guide long term growth and development, focus on planning issues of the modern zoo, conservation of flora and fauna, modern zoo structures arrangement, beautification and formulation of policies for functioning of a modern zoo. (Details in the Annexure-1,2,3,4&5)		
15	Eligibility of consulting firm and the members of the firm for Master Plan Preparation	The consulting firm must have experiences for preparation of master plan for minimum 5 zoos/safari park at not less than 3 different countries of which at least one in similar geographical environment. Required qualification for subject specific consultants is mentioned in annexure-4. Technical, geographical and management competencies must be reflected in the proposal.		
16	Name of Official Inviting Tender	Dr. S.M. Nazrul Islam.		
17	Designation of Official Inviting Tender	Curator		
18	Address of Official Inviting Tender	Bangladesh National Zoo, Mirpur, Dhaka.		
19	Contact details of Official Inviting Tender	Tel. +88-02-9002020	Fax: +8802-8035035	E-mail: smnazrul.curator@gmail.com
20	The procuring entity reserves the right to accept or reject all or any EOI without assigning any reason what so ever.			
21	Detail TOR can be seen in wave site:1) www.dls.gov.bd 2) www.mofl.gov.bd 3) www.dhakazoo.org			

(Dr. S. M. Nazrul Islam)
Curator
Bangladesh National Zoo
Mirpur, Dhaka.

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Letter of Invitation

To:
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From: CURATOR
BANGLADESH NATIONAL ZOO
MIRPUR, DHAKA-1216
BANGLADESH

Date of Publication of Notice 18th April, 2017

Subject: Invitation for Expressions of Interest for Consulting Services: Preparation of master Plan for Bangladesh National Zoo, Dhaka and Rangpur recreation garden / Zoo.

1. Bangladesh National Zoo, Dhaka intends to prepare master plan for the development of Bangladesh National Zoo, Dhaka and Rangpur recreation garden / Zoo. In this regard, Bangladesh Government wants to hire the mentioned consulting service. Hence the authority proceeds to procure consultancy service from eligible consulting firms.
2. The Expression of Interest (EOI) is invited from interested, eligible and experienced international firms, if needed in association (Joint Venture/Sub Consultant) with national consultants. The total number of firms including the lead firm should not exceed a maximum of three. Same firm is not allowed to enter into more than one joint venture.
3. Subject specific consultants must have involvement in the completion of at least three master plan and detailed design of reputed zoos . All the copies of certificates shall be notarized by notary office.
4. The EOI document will be freely available during office hours from the office of the Bangladesh National Zoo or DLS HQ at farm gate, Dhaka or can be downloaded from the website 1. www.mofl.gov.bd 2. www.dls.gov.bd 3. www.dhakazoo.org
5. Two sets of duly completed hard copy EOI document should be submitted in sealed envelope along with its soft copy to the following address clearly mentioning the name of the project and the consultancy service on or before 12:00 hrs (Bangladesh Standard Time) 30th day (25th April, 2017) of first date of publication of this notice:

Curator
Bangladesh National Zoo
Mirpur, Dhaka-1216, Bangladesh
Tel: +8802-9002020, +8802-8035035
Fax: +8802-8035035
[Email: 1\) smnazrul.curator@gmail.com;](mailto:smnazrul.curator@gmail.com)
2) drnazrul48@yahoo.com

6. If the deadline of EOI submission falls on a government holiday, it will be extended automatically to the next working day at the same time. The EOI documents received after the due date and time shall not be accepted.

7. The completed EOI documents received by due date and within specified time will be opened at 12.30 hrs (BST) on 30th day of first date of publication of this notice in the presence of the applicants or their authorized representative who choose to attend. Absence of the applicant or their authorized representative, however, shall not prevent the opening of the EOI documents.
8. The EOI documents submitted by the applicants shall be evaluated on the basis of the evaluation criteria approved by DG,DLS for short-listing purpose, the combined

experience of the consultants with its association will be evaluated. The shortlisted consultants will be notified in due course of time for the submission of Technical and financial proposals. **Financial proposal of only shortlisted consultants will be opened.** The Quality and Cost Based Selection (QCBS) procedure will be used for the selection of the consultant.

9. Bangladesh National Zoo authority reserves the right to accept or reject any or all EOI proposals, or to cancel the entire proceedings without giving any reasons whatsoever.
10. Further information can be obtained from above address of Curator, BNZoo during office hours.

Curator

Bangladesh National Zoo

Mirpur, Dhaka-1216, Bangladesh

**OFFICE OF THE CURATOR
BANGLADESH NATIONAL ZOO
MIRPUR, DHAKA-1216
BANGLADESH
Department of Livestock Services,
Bangladesh, Dhaka**

Expression of Interest

For

**Preparation of master Plan for Bangladesh National Zoo,
Dhaka and Rangpur recreation garden / Zoo.**

EOI TEMPLATE

Project Name	
Project Country	

I. Consulting Firm Information

Consulting firm Name:	Country of Incorporation:
Acronym:	Registration, Number:
EOI Submission Authorized by:	Position:

International/National (Joint Venture or Sub-consultant)

Registration, Number	Consultant	Acronym	Country of Incorporation	Association (JV or Sub-consultant)	EOI Authorization By	Position

Present the rationale for and benefits of working in association (JV or Sub-consultant) with others rather than undertaking the assignment independently (as appropriate). Describe the proposed management and coordination approach of the association and the role of each firm.

I confirm that:

- Documentation regarding our corporate structure including beneficial ownership has been attached.
- Documentation regarding our Board of Directors has been attached.
- A written agreement to associate for the purpose of this Expression of Interest has been signed between the consortium partners and has been attached.

II. Assignment Specific Qualifications and Experience

Your EOI shall demonstrate technical competence and geographical experience based on project references provided herein. Please provide relevant project information in Section E below.

A. Technical Competence

Cross-referencing from your profile projects in Section E. Project References, highlight the technical qualifications of your entity/consortium in undertaking similar assignments. Provide details of past experiences working with similar project authorities.

B. Geographical Experience

Cross-referencing from your profile projects in Section E. Project References, present

experiences in similar geographic areas.

C. Management Competence (Please answer each question in one paragraph of 3-5 sentences)

1. Describe standard policies, procedures, and practices that your entity has to assure quality interaction with clients and outputs. Please state if your company is ISO certified.

2. How will your firm/consortium handle complaints concerning the performance of experts or quality of the reports submitted for this assignment? What internal controls are in place to address and resolve complaints?

3. How will you ensure the quality of your firm's/consortium's performance over the life of this assignment?

4. Describe standard policies, procedures and practices that your firm has put in place to avoid changes/replacements of personnel and to ensure the continuity of professional services once contracted.

5. Describe what social protection practices you have in place to safeguard the well-being of your proposed experts? Specifically describe arrangements you have in place for medical, accident, and life insurance coverage during the assignment.

D. Other Information (maximum of 500 words)

E. Project References

Please select most relevant projects to demonstrate the firm's technical qualifications and geographical experience (maximum 10 projects).

SN	Project	Period	Client	Country	Firm
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Indicate at least 5 reference projects from the past 10 years (April 2007- April 2017) that the consultant feels are relevant.

Project Sheets

• Project Name			
• Name of Client			
• Country		Project location within Country	
• Participation	<input type="checkbox"/>	As lead firm	
	<input type="checkbox"/>	As associate firm	
• Value of Services		(US\$)	
• Source of Financing			
• Consultancy Services			
(i) No. of staff			
(ii) No. of person months			
• Length of Consultancy Assignment			
• Start Date		(dd/mm/yyyy)	
• Completion Date		(dd/mm/yyyy)	
• Name of Associate Firms (if any)			

<ul style="list-style-type: none"> • No. of Person-Months of Professional Staff Provided by Associated Firm(s)
<ul style="list-style-type: none"> • Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed
<ul style="list-style-type: none"> • Detailed Narrative Description of the Project
<ul style="list-style-type: none"> • Detailed Description of the Actual Services Provided by your Firm

(Please insert more tables as necessary)

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III. Comments on Terms of Reference

IV. Key Considerations in approaching this assignment (no more than 9,000

V. characters summarizing approach and methodology)

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VI. International Experts

Please provide list of international experts proposed for the assignment. Also attach brief CV of proposed personnel.

SN	Name	Email	Position/Title	Nationality
1				
2				
3				
4				

VII. EOI Attachments

SN	Description
1	Certificate of Incorporation of the lead member
2	Certificate of Incorporation of the JV member (for each member)
3	Certificate of Incorporation of the Sub-Consultant (for each sub-consultant)
4	Letter of Association
5	Firms Registration, VAT, Tax Clearance (in case of national firms)

(Please insert more rows as necessary)

VIII. Eligibility Declaration

We, the undersigned, certify to the best of our knowledge and belief:

- We have read the advertisement, including the terms of reference (TOR), for this assignment.
- Neither the consulting firm nor its JV member or sub-consultant or any of its experts prepared the TOR for this activity.
- We confirm that the project references submitted as part of this EOI accurately reflect the experience of the specified firm/consortium.

We further confirm that, if any of our experts is engaged to prepare the TOR for any ensuing assignment resulting from our work product under this assignment, our firm, JV member or sub-consultant, and the expert(s) will be disqualified from short-listing and participation in the assignment.

- All consulting entities proposed in this EOI are eligible to participate in the EOI.
- The lead entity and JV member or sub-consultant are NOT currently sanctioned by GoB and other Governmental and Non Governmental agencies. Neither the consulting firm nor the JV member or sub-consultant has ever been convicted of an integrity-related offense or crime related to theft, corruption, fraud, collusion or coercion.
- We understand that it is our obligation to notify BNZ should any member of the consortium become ineligible to work with GoB and other Governmental and Non Governmental agencies or be convicted of an integrity-related offense or crime as described above.
- JV member or sub-consultant named in this EOI confirmed their interest in this activity in writing.
- JV member or sub-consultant authorized us in writing to represent them in expressing interest in this activity.
- None of the proposed consortiums are subsidiaries of and/or dependent on BNZoo authority/DLS or individuals related to them.
- We understand that any misrepresentations that knowingly or recklessly mislead, or attempt to mislead may lead to the automatic rejection of the proposal or cancellation of the contract, if awarded.

Signature with

Seal

Scope of works and TOR for National or International consultant

Subject: Preparation of master Plan for Bangladesh National Zoo, Dhaka and Rangpur recreation garden and Zoo.

1. Introduction and background history

Bangladesh National Zoo is one of the largest recreation, research, conservation and education place at Dhaka city. The total area of Bangladesh National Zoo is 186.65 acres. There are two lakes, one is on the south side which is 18 acres and another one is on northern side having area of 14 acres. (The sketch map is attached here with). At present 2650 animals, birds and aquarium fishes are exhibiting in 217 cells within 117 enclosures in this zoo. Around 4.0 to 5.0 million visitors are visiting this zoo every year from both home and abroad having keen interest and endeavor to this Zoo. It is connected with central Dhaka with a very good road and again well communicated by high way, coming from outside of Dhaka (Embankment road). Within the zoo there is 3.5 kms circular road, 3.75 kms brick soling roads, public toilets, visitors sheds, kiosks, some sitting and resting areas and benches are there too. 77% area is with forestation and 23% area is for infrastructures. And it is the 4th largest zoo in the world at present. It was established in 1961, but no such development program has yet been taken for its modernization. As a result, old type of infrastructure with inadequate space and traditional management facilities still exist. On the other side, Rangpur recreation garden and zoo is the most important recreation center for the northern part of our country. It is situated on 21 acres of land. After establishment of this zoo (during 1991), no development works have been done at this zoo. Main objects of zoo are Awareness, education and research about wild life, conservation of wild and captive zoo animals, captive breeding and importantly conservation of nearly extinct or extinct animals and thereby conservation of biodiversity, balancing of environmental echo system too. Due to insufficient landscape elements, infrastructural facilities, and lack of modernization efforts since inception, management is in a great threat in the zoo. Furthermore, facilities for education, research, recreation, breeding and conservation are not up to the mark in the present Zoo.

In addition, both of these zoos have no modern game tools & equipments. It needs infrastructural development to attract the visitors in the Children Park area. As Bangladesh National Zoo has 2 (two) water bodies. we are proposing Lake Safari, Boating can be introduced and on the bank of Lake, Plaza can be constructed to enjoy the natural beauty of the lake. The visitors of all level could be attracted.

Objective:-

Considering all of the above points, preparation of a master plan is highly essential for modernization of Bangladesh National Zoo and Rangpur Zoo with detail design and costing for upgrading to an international standard for creating ample scope for education, research, recreation, breeding and conservation of wild life. It will ensure improved facilities of landscape element, captive environment,

infrastructural facilities, game facilities and many more. Moreover this project will also be helpful to assure animal welfare for wild animals and birds.

Population of the Dhaka city is increasing very quickly. Income level and purchasing capacity of the people is also increasing; on the other hand there are very limited place for recreation in and near Dhaka. These two zoos have all infrastructures very old even the animal presentation is not in a modern pattern. So modernization of these two is very essential now. That's why preparation of a master plan is very urgent to modernize these zoos which may focus on but not limited to

- Preparation of detail master Plan of Bangladesh national zoo and Rangpur zoo
- Description of detail structure of different infrastructures
- To make all structures attractive and animal friendly, as much as resembling natural habitat.
- A modern zoo having upgraded facilities of environment and facilities for animals and visitors
- To ensure the membership of WAZA modernization of zoo is very essential.
- To guide long term growth and development
- Focus on planning issues of the modern zoo.
- Conservation plan of fauna and flora.

2. Brief outline and scope of work of the study/survey for Preparation of Master Plan for Bangladesh National Zoo and Rangpur recreation garden / zoo.

- a) Base line survey, Study of Sectoral strategies, future plans, digital, geographical and various survey, workshop, seminar etc.
- b) Translation of outputs of upper stages of planning in more specific terms
- c) Finally description of modern zoo structure, arrangement, beautification and formulation of policies for functioning of a modern zoo.

Out put

- Preparation of detail master Plan of Bangladesh national zoo and Rangpur zoo
- Description of detail structure of different infrastructures
- To guide long term growth and development
- Focus on planning issues of the modern zoo.
- Conservation plan of fauna and flora

A comprehensive master plan would typically include:

- Staffing and operational guidelines
- Recreation, education and research programs
- Marketing and public relations

Animal collections and facilities for feeding, housing and management, and to support - them

Ultimately the Master Plan will address and the Consultant will have to advice on

- to modernize the Bangladesh National zoo and Rangpur Zoo to international level
- to make animal show more attractive to the visitors
- to collect rare species of wild animals
- to increase more facilities of research for saving the nearly extinct animals
- to foster the zoo education & conservation
- to share the technologies acquired from the foreign zoos. and
- Any other necessary suggestion/s.

Covering almost all the above plans and output it is expected that the hired team will prepare site analysis report, concept paper, approximate placement of habitats, animals sheds and their exhibits, newly introducing animals, games, events, visitor's amenities, service facilities, admin office, Vet. Hospitals, quarantine, animal holding area, workshops, food commissary, stores, plants gardens etc. Animal's enclosure's shape, size and direction and for good exhibits and exposures suggestions will be interpreted in there. A conceptual master plan finally.

3. Preparation of a Design Brief:

The Consultant/Consulting Firm will prepare a Design Brief based on visits, technical standards (local and international) and site context and socio- environmental needs and on consultation with the stake holders and experts. The Master Plan will be based on the prepared Design Brief and the **Conceptual theme** proposed by the Consultant

4. Report Submission:

Consultant will Prepare and submit Preliminary Master Plan and do a multimedia presentation of the Plan to the stakeholder for possible feedback and approval.

5. Report Finalization

Executive agency will arrange a workshop inviting all the stake holders. Then a national seminar will be organized inviting policy makers of the Government. The report and output of the workshop will be placed to the seminar and finalized the report thereby.

6. Time bound for completion of master plan preparation for zoo.

One year is the time allocation for completing this job.

7. The Final Master Plan will indicate showing spatial arrangements or locations, shape/sizes, design, detailed structure and description of:

- 1) Enclosures or captive environments
- 2) Thematic display of animals.
- 3) Trails and walk ways,
- 4) Public Plaza
- 5) Public Amenities (ticket counters, rain shelters, toilets, eateries, souvenir shops, play area etc)

- 6) Landscaped areas,
- 7) Parking areas,
- 8) visitors circulation,
- 9) Control and security Infrastructures,
- 10) Landing station of water crafts
- 11) Track layout of electric toy trains/ cable cars,
- 12) Water Front structures
- 13) Retaining walls and riparian landscape
- 14) Surface drainage,
- 15) Waste management/ recycle infrastructure
- 16) Utility infrastructure,
- 17) Large way-finding signage points
- 18) Electric Street lighting points,
- 19) CCTV and web enabled service points
- 20) Security/ perimeter lighting points,
- 21) Public addresses/ alarm points
- 22) Land fill/ excavation area as required
- 23) Emergency/ service vehicle routing,
- 24) Demolition plan
- 25) Phasing suggestion,
- 26) Sections and elevation where required
- 27) Other buildings, holdings and workshop.
- 28) **Night safari,**
- 29) **Lake Safari,**
- 30) Decoration of Islands in Lakes
- 31) Luxury food plaza,
- 32) Children's park with games
- 33) Animal's show Specially- Gorilla show, Dolphin show, Elephant show
- 34) Rope way, Tree top trails,
- 35) Soundless tram cars,
- 36) Boating in lakes
- 37) Renovation of office buildings and staffs quarters and structuring of second gate.
- 38) Parking area restructuring, remodeling, modernization and decoration of entry gates
- 39) Fountain structuring in parking and at two more point in the zoo.
- 40) Garden redesigning and decoration
- 41) **Any new and attractive event introducing.**

8. **Budget:** As per approved estimated cost for it by the HOPE. Fund from GOB development budget.
9. **Time** One year from the work order date.
10. **Discipline** and number of expert members should be quoted with their back ground and experiences.
11. Joint venture or sub-consultant will be allowed if and where necessary and that should be mentioned in details in the proposal.

Dr. S. M. Nazrul Islam
Curator
Bangladesh National Zoo,
Mirpur, Dhaka-1216.
BANGLADESH.

MASTER PLAN PREPARATION

Expert needed for:-

- a. **MASTER PLANNING**
- b. **DESIGN DEVELOPMENT & DETAIL DESIGN**
- c. **CONSTRUCTION DOCUMENTATION & OBSERVATION**
- d. **COMMISSIONING, TRAINING & ANIMAL PRESENTATIONS**

The Consultancy team will consists of following

Sl. No.	Position/Specialist	Minimum Qualification Requirements	Minimum Experience Requirements	Nos.
1	Team Leader, Overall Master Planning and Concept Development/Zoo Specialist	DVM./ A.H./ M.S. or M.Sc.in Zoology(Wild life)/ Wildlife Biology/ Zoo Planning	Should have minimum 15 years working experiences having practical experience for preparation of 3nos Master plan for recognized Zoo, at least one is similar geographical environment.	1
2	Zoo Veterinarian/Zoo specialist and Zoo management	DVM/B.Sc. in Vet. Sc & A.H.		1
3	Zoo Architects and Eco. Design	B.Sc.in Architecture.		1
4	Structural Engineer	B.E./ B.Sc.in Civil Eng./Diploma in Zoo structure Eng.	Must have working experiences for 10 years	1
5	Zoo Horticulturist and Landscape Architecture	B.Sc. Ag./M.Sc. Botany/ Landscape Architecture	Should have minimum 10 years working experiences having practical experience for preparation of minimum 3nos Master plan for recognized Zoo.	1
6	Environment Engineer/Zoo design and sustainability	B.E./B.Sc. Eng./B.Sc.in Environ Sc./B. Arch.		1
7	Animal Presentation Specialist	B.Sc. in Zoology/20 years of extensive animal training experience in reputed zoo.		1
8	Civil Engineer	B.Sc.in Civil Eng.	Must have working experiences for 10 years	1
9	Electrical and Electronic Engineer	B.Sc.in EEE	Must have working experiences for 10 years	1
10	Mechanical Engineer	B.Sc.in ME	Must have working experiences for 10 years	1
11	Project management specialist	B.Sc. in Eng. Or 25 years of project management experiences	20 years of experiences project management.	1

1. THE DESIGN TEAM

The Team will have to have expertise on:

- a. Lateral Thinker & Zoo Conceptualizer
- b. Landscape Ecology & Landscape Architecture
- c. Zoo Planning & Architecture
- d. Structural design of necessary infrastructures
- e. Zoological Exhibit Design & Architecture
- f. Zoological & Botanical Landscape Architecture
- g. Environmental Engineering / Architectural, & IT Firm

2. THERE SHOULD BE A SUSTAINABLE DEVELOPMENT TEAM

Having expertise on

- a. Environmental Planning
- b. Wildlife & Zoo Management
- c. Forestry & Zoo Management
- d. Eco-tourism
- e. Botany, Horticulture & Arboriculture
- f. Integrated Conservation
- g. Renewable Energy
- h. Sustainable Development

3. SPECIAL EFFECTS EXPERTISE

Expertise on:

- a. Lighting Design
- b. Soundscape
- c. Creativity
- d. Audio Video Production
- e. Creative Rock and Waterscapes and Themed Finishes
- f. Cultural Theming & Exhibit Development
- g. High-Tech & Theme Park Operations
- h. Interpretation & Museums
- i. Theatre & Show Presentation
- j. Promotions & Events.

4. ONE ZOOLOGY TEAM

That will cover all aspects of zoo biology.

The Zoology team will have professionals in zoo management, wildlife exhibit conceptualization, Zoo animal management, collection, planning and marine biology.

They might have access in:

- a. Zoology & Conservation
- b. Invertebrates & Exhibit Conceptualization
- c. Animal Presentation

- d. Free Flight Bird Presentations
- e. Wildlife & Zoo Management
- f. Animal Management & Collection Planning
- g. Penguins & aquatic animals and birds
- h. Animals From Extreme Climates
- i. Mammal Exhibition & Husbandry
- j. Marine Biology
- k. Aquarium Management & Design
- l. Wildlife Veterinarian & Animal Re-introduction
- m. Naturalist
- n.* Conservation & Research
- o.* Creative Direction & Events Management
- p. Brand Development
- q. Education & Training

Having capacity for

- Master planning and development
- Environment friendly building design
- Facade design
- Interior design
- Visualization – 3D/9D presentation
- Urban planning and design
- Parks and recreation
- Green roofs
- Health care and therapeutic design
- Health care for staffs and visitors
- Transportation
- Water and storm water management

5. Design Consultancy

- Efficient and sustainable construction processes
- National park tourism and management building consultancy
- Infrastructure (roads, bridges, water management) consultancy

Energy Solutions and Efficiency

- Material and life cycle assessment
- Waste minimization
- BREEAM and LEED consulting

Energy Solutions and Efficiency

- Energy efficiency and auditing in buildings
- Material flow analysis consumption and waste minimization in Industry
- Electrical and Automation system design
- Power generation and efficiency
- Renewable energy solutions feasibility analysis and design
- Design of bio gas generation plants
- **And anything the consultant team thinks necessary.**

Joint venture will be allowed if and where necessary and that should be mentioned in details in the proposal.

EVLAUATION CRITERIA FOR SHORTLISTING OF CONSULTANT

Management Competence Quality Control and Assurance Proposed Management Coordination Approach and Methodology	20
Technical Competence Firm's specialization vis à vis the sectoral focus of the assignment Firms experience vis à vis the assignment's TOR Number of similar projects undertaken where firm as lead partner Number of similar projects undertaken where firm as JV partner or sub-consultant	60
Geographical competence Firm's country experience Firm's regional experience Permanent presence / local office	10
Financial	10

Dr. S. M. Nazrul Islam
Curator
Bangladesh National Zoo
Mirpur, Dhaka-1216
BANGLADESH.