**Bureau of Research, Testing & Consultation (BRTC)**

**Chittagong University of Engineering &Technology, Chattogram- 4349**

[www.cuet.ac.bd](http://www.cuet.ac.bd)

**Office of the Director, BRTC CUET**

**Old Library Building**

**CUET, Chattogram-4349**

**E-mail: directorbrtc@cuet.ac.bd**

**Invitation of Expression of Interest (EOI) for Short-listing of Consulting Firms for Consultancy of the Construction of Cable Car at Naf Tourism Park Project**

**Invitation of EOI Notice**

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| --- | --- |
| No. BRTC/Naf Tourism/DOC/2018-19/PS-01 | Date: 22-05-2019 |

1. Bangladesh Economic Zone Authority (BEZA) has been promulgated under the Bangladesh Economic Zones Act, 2010 to develop the Economic Zones (EZ) across the country. Naf Tourism Park is one of the proposed economic zones, located in the Jaliardwip, [Cox’s Bazar](https://en.wikipedia.org/wiki/Cox%27s_Bazar_District), and will be the first exclusive tourism park in Bangladesh. BEZA is developing this as part of its plan to develop 100 [special economic zones](https://en.wikipedia.org/wiki/Special_economic_zone) throughout the country. Naf Tourism Park is located in the [Jaliardwip island](https://en.wikipedia.org/w/index.php?title=Jaliardwip_island&action=edit&redlink=1" \o "Jaliardwip island (page does not exist)) which is situated in the middle of the [Naf river](https://en.wikipedia.org/wiki/Naf_River%22%20%5Co%20%22Naf%20River) that divides [Myanmar](https://en.wikipedia.org/wiki/Myanmar) and [Bangladesh](https://en.wikipedia.org/wiki/Bangladesh). Naf Tourism Park will be the first river based exclusive tourism park in the Cox‘s Bazar district encompassing an area of about 271 acres. Naf is an amazing island in the middle of the Naf River and it lies between the border of Myanmar and Bangladesh. Having hill and river view, it is multi-faced, diverse and admirably beautiful. The purest air, lofty hill create perfect conditions for the development of all types of tourism & entertainment facilities.

2. The main objective of the project is to construction a Cable Car at Naf tourism park to expand the tourism

3. Consultancy Services for construction supervision contracts will be based on pre-qualification of consultants through national competition as per “Guidelines for the use of Consultants, First Edition, 1995 of Development Institutions Members of the Coordination Group” and then there will be a shortlist of qualified firms based on the evaluation criteria which have been prepared to have more pre-qualified consultants to ensure the competition.

4. The services to be provided by the Consultants will include but not necessarily limited to:

 **I. Doc-S-01-Digital & Topographical Survey**

* Digital survey & Preparation of Contour Map,3D Model of Site & DEM
1. **Doc-S-02-Sub-Soil Investigation & Seismic Hazard Analysis**
* Boring Sub-Soil up to minimum 20 ft into hard layer and Collection sample & taken field SPT between 5 ft interval and conduct the following Laboratory test of the collected sample and represented the graphically & analysis the bearing capacity of soil.
1. Direct shear test
2. Unconfined compressive strength test
3. Natural moisture content
4. Specific gravity
5. Grain size analysis
6. Tri-axial shear test
7. Consolidation test
8. Other as necessary for sub-soil reporting purpose
* Seismic Hazard Analysis
1. **Doc-S-03-Feasibility Study**
* Conduct the Feasibility Study for Cable Car Installation and preparation of following analysis report.
1. Social Impact Assessment (SIA)
2. Environmental Impact Assessment (EIA)
3. Traffic Impact Assessment (TIA)
4. Feasibility Study including engineering economic analysis
5. **Doc-S-04-Soil Conductivity Study**
* Conduct the Soil conductivity / electrical resistivity test for LPS System and System earth.

5.The applicants must have relevant experience in the field of similar type of works.

6. The Consultants are to provide information to demonstrate that they are qualified to perform the services by submitting their company’s brochure, summarizing the firm’s organizational details including key personnel, facilities, areas of expertise, managerial strength, financial capacity & yearly turnover of the firm for last 5 (five) years; description of past experience in Project Data Sheet (PDS); a list of past and present assignments of similar nature & operating conditions; availability of appropriate professional staff showing their qualification and experience etc.; and any other information that may show the applicant’s ability to carry out the assignment satisfactorily. The applicant shall demonstrate the firm’s reputation as a professional body & its reputation for maintaining a satisfactory relationship with the client. **The applicant is to confirm in writing their freedom from Conflict of Interest as explained in guidelines. The Consultant will be selected using the Quality and Cost Based (QCBS) procurement method.** Interested Applicants may obtain further information by applying to the address below during normal office hours.

7. Expression of Interest (EOI) with supporting documents shall be submitted at or before 4.00 PM on 12-06-2019, in sealed envelope delivered to the **Director, BRTC, CUET**, Old Library Building, CUET, Chattogram-4349 and be clearly marked “**Expression of Interest (EOI) for Short-listing of Consulting Firms for Consultancy of the Construction of Cable Car at Naf Tourism Park Project**”. The EOI may be submitted by hand, by registered post or courier service and the Applicants shall be responsible for safe delivery in time. The Employer shall not be responsible for any costs or expenses incurred by the firms in connection with the preparation or delivery of the EOI. The procuring entity reserves the right to accept or reject all the Expression of Interest (EOI) without assigning any reason.

**Director**

**BRTC, CUET**

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| **Request for Expression of Interest (EOI) for** **Short-listing of Consulting Firms for** **Construction of Cable Car at Naf Tourism Park Project** |

No. BRTC/Naf Tourism/DOC/2018-19/PS-01 Date: 22-05-2019

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| 01. | Ministry/Division | : | Ministry of Tourism & Civil Aviation |
| 02. | Agency | : | Bureau of Research, Testing & Consultation (BRTC) |
| 03. | Procuring Entity Name | : | Bureau of Research, Testing & Consultation (BRTC |
| 04. | Procuring Entity Code | : | Not Applicable |
| 05. | Procuring Entity District | : | Teknaf , Cox’s Bazar |
| 06. | Expression of Interest for selection of Consulting Firms | : | Consulting firm (Lump sum) |
| 07. | Title of Service |  | i) DOC-S-01(Package A):  Request for Expression of Interests (EOI) for Detailed Topographical Survey & DEM Data Preparation for under “Construction of Cable Car at Naf Tourism Park” Project  |
| ii) DOC-S-02(Package B):  Request for Expression of Interests (EOI) for Detailed Sub Soil Investigation under “Construction of Cable Car at Naf Tourism Park” Project  |
| iii) DOC-S-03(Package C):  Request for Expression of Interests (EOI) for Feasibility Study of Cable Car Installation (TIA, EIA & other necessary Study) under “Construction of Cable Car at Naf Tourism Park” Project  |
|  |  |  | IV) DOC-S-04(Package D):  Request for Expression of Interests (EOI) for Soil Conductivity Study under “Construction of Cable Car at Naf Tourism Park” Project  |
| 08. | EOI Ref No. | : | BRTC/Naf Tourism/DOC/2018-19/PS-01  |
| 09. | Ref. Date | : | 22-05-2019 |
| **KEY INFORMATION** |  |  |
| 10. | Procurement Sub-Method | : | Quality & Cost Based Selection (QCBS)  |
| **FUNDING INFORMATION** |  |  |
| 11. | Budget and Source of Funds | : | GOB  |
| 12. | Development partner (if applicable) | : | Not Applicable |
| **PARTICULAR INFORMATION** |  |  |
| 13. | Project Code (if applicable) |  | N/A |
| 14. | Project/Program Name | : | Construction of Cable Car at Naf Tourism Park |
| 15. | Project Summery | : | Bangladesh Economic Zone Authority (BEZA) has been promulgated under the Bangladesh Economic Zones Act, 2010 to develop the Economic Zones (EZ) across the country. Naf Tourism Park is one of the proposed economic zones, located in the Jaliardwip, [Cox’s Bazar](https://en.wikipedia.org/wiki/Cox%27s_Bazar_District), and will be the first exclusive tourism park in Bangladesh. BEZA is developing this as part of its plan to develop 100 [special economic zones](https://en.wikipedia.org/wiki/Special_economic_zone) throughout the country. Naf Tourism Park is located in the [Jaliardwip island](https://en.wikipedia.org/w/index.php?title=Jaliardwip_island&action=edit&redlink=1" \o "Jaliardwip island (page does not exist)) which is situated in the middle of the [Naf River](https://en.wikipedia.org/wiki/Naf_River%22%20%5Co%20%22Naf%20River) that divides [Myanmar](https://en.wikipedia.org/wiki/Myanmar) and [Bangladesh](https://en.wikipedia.org/wiki/Bangladesh). Naf Tourism Park will be the first river based exclusive tourism park in the Cox‘s Bazar district encompassing an area of about 271 acres. Naf is an amazing island in the middle of the Naf River and it lies between the border of Myanmar and Bangladesh. Having hill and river view, it is multi-faced, diverse and admirably beautiful. The purest air, lofty hill create perfect conditions for the development of all types of tourism & entertainment facilities.  |
| 16. | Place of EOI Submission | : | Office of the Director, BRTC, Old Library Building, CUET,Chattogram-4349 |
| 17. | EOI Publication Date | : | 22-05-2019 |
| 18. | EOI Closing Date and Time | : | 12 -06-2019 | (12:30 PM) |
| **INFORMATION FOR APPILICANT** |  |  |
| 19. | Brief description of the assignment | : |  **I. Doc-S-01-Digital & Topographical Survey*** Digital survey & Preparation of Contour Map,3D Model of Site & DEM

**II.Doc-S-02-Sub-Soil Investigation & Seismic Hazard Analysis*** Boring Sub-Soil up to minimum 20 ft into hard layer and Collection sample & taken field SPT between 5 ft interval and conduct the following Laboratory tests of the collected samples and represented them graphically & analyze the bearing capacity of the soil.
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4. Specific gravity
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3. Traffic Impact Assessment (TIA)
4. Feasibility Study including engineering economic analysis
5. **Doc-S-04-Soil Conductivity Study**
* Conduct the Soil conductivity / electrical resistivity test for LPS System and System earth.
 |
| 20. | Expected Qualification of Consulting Firms, Experience, Resource and Delivery Capacity Required | : | The EOIs would be reviewed on the basis of the following:a) Registration of Firmb) Age of firm (years in relevant business)c) Availability of key professionals with proper affiliation with respective bodies. d) Turnover of the consultant (financial resources)e) Experience of the firm in similar tasks/assignments (examples of past experience-similar nature and/or complexity)f) Support Service[Provide information indicating that they are qualified to perform the services (brochures; description of similar assignments; experience in similar conditions; financial resources; availability of appropriate skills among staff; etc.)] |
| 21. | Other Information |  | (a) Detailed information may be collected from the undersigned office during office hour. (b) Consulting firm will be short listed in accordance with the procedures set out in the PPR-2008.(c)  Short listed firms will be further invited for RFP  |
| 22. | Association with foreign firms is | : | Not Applicable |
| 23 | Ref. No. | Phasing of Service |  | Location | Indicative Start Date |
| DOC-S-01 | - |  | Project Site, Teknaf Cox’s Bazar | 15-July-2019 |
| DOC-S-02 | - |  | Project Site, Teknaf, Cox’s Bazar | 15-July-2019 |
| DOC-S-03 | - |  | Project Site, Teknaf, Cox’s Bazar | 15-July-2019 |
|  | DOC-S-04 | - |  | Project Site, Teknaf, Cox’s Bazar | 15-July-2019 |
| **PROCURING ENTITY DETAILS** |  |  |
| 24. |  Name of official inviting EOI |  | Prof. Dr. Md. Hazrat Ali |
| 25. | Designation of Official Inviting EOI |  |  Director, BRTC, CUET |
| 26. | Address of Official Inviting EOI |  | Office of the Director, BRTC, Old Library Building, CUET, Chattogram-4349 |
| 27. | Contact details of official inviting EOI |  | Telephone:031-714920-Ext; 7700 Email: directorbrtc@cuet.ac.bd |
| * The procuring entity reserves the right to accept or reject any or all EOIs
* Expressions of Interest must be delivered to the address below in sealed envelope on or before 12 -06-2019 at 12:30 pm with clearly mention package number and name.
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|  | DirectorBRTC, CUET |

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