



GOVERNMENT OF SIKKIM  
Tourism & Civil Aviation Department  
PARYATAN BHAWAN  
Tadong - 737101, GANGTOK (SIKKIM)

Ph: 03592 - 232218 / FAX: 03592 - 232216; e-mail: secy\_tourism@yahoo.com

**EXPRESSION OF INTEREST / REQUEST FOR PROPOSAL NO: 179/TD**

**FOR ARCHITECTURE & STRUCTURAL CONSULTANT**

On behalf of the Hon'ble Governor of Sikkim, the Tourism & Civil Aviation Department, Government of Sikkim invites bids from eligible agencies for Architectural & Structural Consultancy for designing of "**Skywalk at Bhaleydhunga, Yangang under Namchi District, Sikkim**". The interested Proprietary Firm/Joint Venture/Consortium shall submit their Bid to the Principal Chief Engineer, Tourism & Civil Aviation Department, Paryatan Bhawan, Tadong, Gangtok, on or before 06/11/2023. Technical and Financial Bid is to be submitted in separate enclosure along with the company profile, C.V of team members and other requisite documents to fulfil the Eligibility Criteria indicated below. The scope of work for which the consultancy service is call for, is tabulated below.

**Eligibility Criteria:**

The Eligibility Criteria to be fulfilled by the intending bidders for consultancy services are as under:

SL. No.	Eligibility Criteria	Supporting Compliance Documents
1	The applicant shall be a Company, Proprietary Firm/ Joint Venture/ Consortium company/ partnership / registered in India under relevant Act as may be applicable and who have their registered office in India.	Memorandum & Articles of Association with Copy of the Certificate of Incorporation, partnership deed, as may be applicable.
2	The bidder shall have experience of providing three similar consultancy services to Central/ State Government / Private organisation.	Certificate by company secretary of Managing Partner (as may be applicable) of the Bidder's organization.



3	The entity/firm should be in the business of providing similar (Steel/Cable Stayed Bridge, Road Over Bridge, Rail Flyovers, etc.) consultancy services for at least 10 (ten) years.	Copy of the letter of award/ work order
4	The Average Annual Turnover should be at least ₹ 50 lakh for the last three consecutive years as on 31.03.2023.	Certificate by Chattered Accountant.
5	PAN No./ GST Code	Certified copies to be enclosed.

### Scope of Consultancy Services:

1. Preliminary Architectural design of skywalk at Bhaleydhunga as per the project details given above.
2. Structural Design with reference to relevant Indian Standard Codes.
3. Preparation of draft cost estimates (BoQ) to facilitate the investment decision.
4. Preparation of Detailed Project Report (DPR).

Note: Kindly May refer to the Project Details and Terms of Reference enclosed .

For more details may contact [pcetourismsikkim@gmail.com](mailto:pcetourismsikkim@gmail.com)

**Sd/-**

Principal Chief Engineer  
Tourism & Civil Aviation Department,  
Paryatan Bhawan, Tadong  
Gangtok, Sikkim



## TERMS OF REFERENCE (TOR)

**Project Name: Skywalk at Bhaleydhunga**

### Project Details:

Sl. No.	Parameter	Details
1	Skywalk	240 m long, 360° circular glass-bottomed pedestrian Skywalk at an altitude of 3300 m that offers a breathtaking 360° view of the Himalayan Mountain peaks.
2	Structural Design	Cantilever Steel Girder supported intermediately by Cable
3	Tower/Pylon	Two number
3.a	Material	High Strength Steel
3.b	Height of Tower/Pylon	50 m
4	Pedestrian Walkway Length	240 m
4.a	On Ground walkway length	136 m
4.b	Over the cliff walkway length	104 m
4.c	Extended Zone	40 m (at the centre of 104m)
4.d	Flooring of Walkway	Combination of Frosted and Transparent 35 mm Load Bearing Multilayered Laminated Glass with PVB inter layering and anti-Skid coating, supported on four sides
5	Width of walkway	3.64 m
5.a	Width at Extended Zone	7.28 m
6	Viewing Area/Platform	
6.a	Shape	Circular
6.b	Uses	Viewing platform / Upper station for Funicular

### 1. Scope of work:

1. Preliminary Architectural design of skywalk at Bhaleydhunga as per the project details given above.
2. Structural Design with reference to relevant Indian Standard Codes.
3. The design and the DPR shall be vetted by the Indian Institute of Technology (IIT) as a scope of work, however the financial implication of the technical vetting shall be borne by the Department.
4. Preparation of draft cost estimates (BoQ) to facilitate the investment decision.
5. Preparation of Detailed Project Report (DPR).



**Notes:**

1. The above scope excludes all engineering surveys, geotechnical investigations or any site visits by experts. The design and estimates are to be prepared based on the information provided by the Client and open-source data.
2. The design should be in conformity with architectural plans and conceptualisation to the extent feasible.
3. While selecting the technology and materials, "Make in India" policy should be kept in mind.
4. The inaccessibility of the site and weather conditions should be kept in mind while designing the structure. However, it is proposed to install a material ropeway and funicular railway system to reach the site.
5. All the necessary references of IS codes, Market Surveys, Technologies and materials survey shall be incorporated in the DPR.

**2. Completion Period**

25 days from the date of issue of Letter of Award.

**3. Payment Schedule**

1. Advance Payment 10%
2. On submission of the preliminary design/DPR to IIT for proof-checking and getting it proof-checked – 30%
3. Submission of draft design, BoQ and DPR – 30%
4. Acceptance by Competent Authority – 30%

**Sd/-**

Principal Chief Engineer  
Tourism & Civil Aviation Department,  
Paryatan Bhawan, Tadong  
Gangtok, Sikkim

