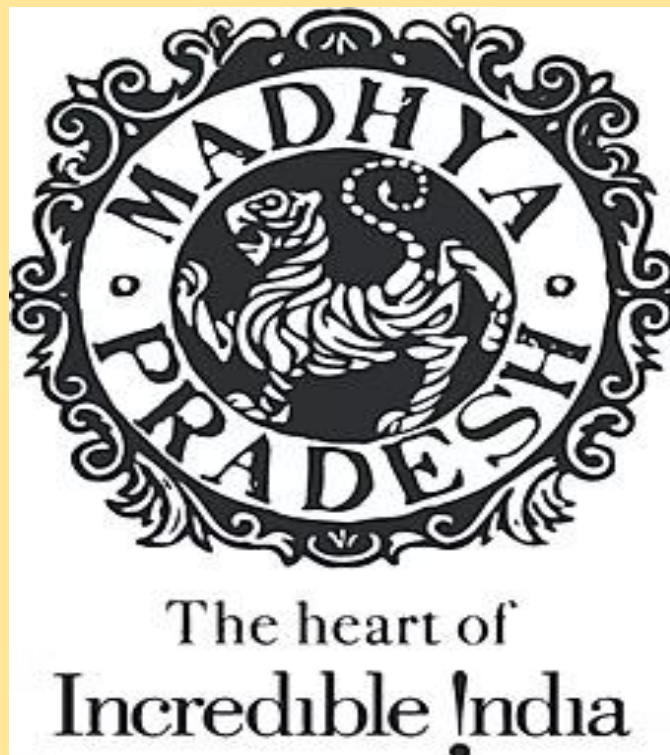


EOI FOR DEVELOPMENT OF 5 ROPEWAY PROJECTS ON DBFOT MODEL



Madhya Pradesh Tourism Board, India

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Disclaimer

This Expression of Interest (Eoi) contains brief information about the Project and will assist the Madhya Pradesh Tourism Board in formulating the RFP for the process of selecting the Applicants during the RFP stage. This Eoi is not an agreement or an offer by the purchaser/authority to the applicants or any other person.

The purpose of the document is to provide the applicants with information to assist in the formulation of their Eoi application or response to the Eoi Document ("The Application"). The information provided in this Eoi Document to the Applicants is on a wide range of matters, some of which depend upon the interpretation of the law. The Applicants may conduct their own independent assessment, site visit, investigations and analysis and check the reliability, accuracy and completeness of the information at their end and obtain independent advice from relevant sources as required before submission of their Eoi application. The Application should be in the English language only.

Furthermore, the information provided in this EOI Document is not intended to be an exhaustive account of statutory or commercial requirements and should not be regarded as a complete or authoritative statement of law. Madhya Pradesh Tourism Board along with its directors, associates, employees, affiliates, consultants makes no representation or warranty and shall have no liability to any person including the Applicant under any law, statute or by any rule and/or regulation made thereunder, tort, equity, principles of restitution, unjust enrichment or otherwise for any loss, damage, costs or expenses which may arise from or be incurred or suffered on account of anything contained in this EOI Document or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the EOI Document any assessment, assumption, statement or information contained therein or deemed to form part of this EOI Document or arising in anyway in this subject.

Madhya Pradesh Tourism Board or any of its employees or advisors/representatives shall incur no liability under any law, statute, rules or regulations as to the accuracy or completeness of the Eoi Document. MPTB reserves the right to change any or all conditions/ information set in this Eoi Document by way of revision, deletion, updation or annulment through issuance of appropriate addendum as the organisation may deem fit without assigning any reason thereof.

MPTB will not entertain or be liable for any claim for costs and expenses in relation to the preparation of the Eoi applications to be submitted in terms of this Eoi Document. The information contained in this Eoi Document or subsequently provided to the prospective Applicants, whether verbally or in documentary or any other form by or on behalf of MPTB or any of its employees or advisers, consultants shall be considered confidential and is not to be reproduced/ adopted/ displayed for any purpose whatsoever.

This EOI Document is for informative purpose only and does not imply that MPTB is bound to select or short list applicants for the RFP stage or to appoint the Applicant for the Project as the case maybe and MPTB further reserves its absolute right and discretion to terminate the process at any time without assigning any reasons or explanations thereof.

EOI Fact Sheet

Sr. No	Particulars	Details
1.	Name of Issuing Authority	Madhya Pradesh Tourism Board, Bhopal, Madhya Pradesh
2.	Name of Engagement	Expression of Interest (EOI) for the Development of ropeway projects on the DBFOT model
3.	Availability of the Document	The EOI Document is available and downloadable on the following website: http://www.mptenders.gov.in / www.tourism.mp.gov.in All Subsequent changes to the EOI Document shall be published on the website as mentioned above
4.	EOI Publish Date	22/05/2025 at e-Procurement portal of GoMP: https://www.mptenders.gov.in/ and www.tourism.mp.gov.in
5.	Pre-proposal conference date and place	10/06/2025 at 15:00 Hours Madhya Pradesh Tourism Board 6th Floor, Lily Trade Wing, Jahangirabad- 462008 Madhya Pradesh, India Email: cs.mptb@mp.gov.in The link for online connectivity will be shared separately on the websites mentioned at Sr. No. 3 above.
6.	Last Date and Time for Submission of EOI	24/06/2025 at 17:00 Hours through Offline submission at Madhya Pradesh Tourism Board, 6th Floor, Lily Trade Wing, Jahangirabad, BHOPAL- 462008 (INDIA) The EOI can also be submitted online on http://www.mptenders.gov.in
7.	Date, Time and Place of opening of EOI	25/06/2025 at 17:00 Hours at Madhya Pradesh Tourism Board, 6th Floor, Lily Trade Wing, Jahangirabad, BHOPAL- 462008 (INDIA)
8.	Additional information desired, if any	<i>Additional information for the sites may be made available to interested applicants upon written request, either online/ offline.</i>
9.	Proposal validity	Proposal should remain valid for 120 days from the proposal due date
10.	For any Queries Contact Person Details	Company Secretary Madhya Pradesh Tourism Board 6th Floor, Lily Trade Wing Jahangirabad- 462008 Madhya Pradesh, India E-mail : cs.mptb@mp.gov.in
Note: It is suggested to visit the site before submission of response.		

1. Notice for Inviting Expression of Interest

Madhya Pradesh Tourism Board invites 'Expression of Interest (EOI)' for the development of Ropeway Projects through Private sector participation/ public private partnership from Indian and overseas organisations for the following ropeway projects –

No.	Name	Project	Standard	Location
1	Salkanpur Ropeway	Ropeway Project	CEN	Salkanpur, Dist. Sehore
2	Raisen Fort	Ropeway Project	BIS	Raisen, Dist. Raisen
3	Janapav	Ropeway Project	BIS	Janapav, Dist. Indore
4	Bhojpur	Ropeway Project	CEN	Bhojpur, Dist. Raisen
5	Omkareshwar	Ropeway Project	CEN	Omkareshwar, Dist. Khandwa

Who should submit EOI?

The Bidder may be an individual entity or a consortium of entities (an entity for this purpose shall mean and include an individual, sole proprietorship, partnership firm, Limited Liability Partnership or a private or public company).

The entities having experience in the construction or development of infrastructure projects in highways, railways, metro, ropeways, port terminals, airports, power, telecom sectors and/or experience in the operation and maintenance (O&M) of ropeway projects.

2. Objective of the EOI

Madhya Pradesh, the incredible heart of India, embodies a blend of architectural grandeur, pristine & unexplored destinations and cultural values. It is indeed a one-stop destination for both national and international tourists. The state is endowed with a rich heritage and is known for its numerous monuments, palaces, fortresses, stupas, diverse wildlife, beautifully engraved Asian temples and hill stations. Apart from having UNESCO-approved world heritage sites like the Khajuraho Group of Monuments, Sanchi Stupa and Rock Shelters of Bhimbetka, the state is home to 10 stunning national parks, 25 wonderful wildlife sanctuaries and 6 tremendous Tiger Reserves. Moreover, constantly achieving the conservation commitments, the state has proudly gained and maintained the status of the 'Tiger State of India'.

Madhya Pradesh has become a hub of religious gatherings at two of the twelve Jyotirlingas, Omkareshwar Temple in Mandhata, Bhojeshwar Temple at Bhojpur, Janapav as the Birthplace of Maharshi Parshuram ji, Panch Mukhi Hanuman Temple, Vindhyavasini Mata Temple Salkanpur, located 70 km from Bhopal and at 800 feet height and Raisen Fort, located on the top of a hill at an elevation of 130 metres.

These places are very popular tourist places in Madhya Pradesh and are being developed as destinations to attract more tourist footfall.

It is desired to develop the ultra-modern high-capacity ropeway to offer the fastest environment-friendly transport solution and to provide a user-friendly facility to the elderly and specially abled tourists at these locations to boost tourism further.

2.1 Salient Features of proposed Ropeway Systems

No.	Name	Salkanpur Ropeway	Raisen Fort	Janapav	Bhojpur	Omkareshwar
1	Horizontal Length	1500m	580m	617m	420m	465m
2	Vertical Rise	263m	127m	192m	12m	58m
3	Speed	5m/s	3m/s	3m/s	5m/s	5m/s
4	Hourly Capacity (PPHPD)	1200	400	400	950	700
5	Type of Ropeway System proposed	MDG	MFGPG	MFGPG	MDG	MDG
6	No of Stations	3	2	2	2	2
7	Estimated Project Cost	133.39 Cr	17.03 Cr	19.54 Cr	80.85 Cr	84.01 Cr
8	Condition Precedent Period	6 months from LOA	6 months from LOA	6 months from LOA	6 months from LOA	6 months from LOA
9	Construction Period	2 years after the condition precedent period	18 months after the condition precedent period	18 months after the condition precedent period	18 months after the condition precedent period	18 months after the condition precedent period
10	Concession Period	30 years	30 years	30 years	30 years	30 years
11	Annual Ridership Estimation over concession period	17 Lakhs to 55 Lakhs	1.5 Lakhs to 6 Lakhs	2.2 Lakhs to 9 Lakhs	6 Lakhs to 23 Lakhs	15 Lakhs to 23 Lakhs
12	Bidding Parameter for proposed RFP	Annual Concession Fee	Annual Concession Fee	Annual Concession Fee	Annual Concession Fee	Annual Concession Fee

For selection of technology, type of system, a few points were kept in mind like sustainability, adequacy, cost, future maintenance support, etc. However, the bidder can suggest a suitable design which will make the ropeway more efficient and attractive to users at the time of implementation.

Note: The site introduction, location, alignment, and photographs have been included in Annexure “A”. The Tourist foot fall data have been included in Annexure “B”

The project has been conceptualised based on survey, and relevant documentation has been prepared accordingly. Additional information related to the sites may be provided to interested applicants upon written request.

Disclaimer:

“The details provided above are for informational purposes only. It is not intended to be an exhaustive or definitive analysis, and its contents should not be relied upon as such. Applicants are advised to conduct their own detailed report, feasibility studies and analysis to arrive at their own conclusions regarding the project. The information provided may not be applicable to each bidder's specific circumstances, and bidders should not assume that the information is accurate or complete without conducting their own due diligence.”

The firm taking an interest in the project should consider all the aspects in deciding its further course of action. The firm is also requested to make its own assessment before coming to a conclusion in respect of the project.

3. Brief Scope of Work

The Intended work is to provide connectivity through an aerial ropeway system from LTP to UTP. The scope of work is as follows:

1. All the projects are to be implemented on Design, Build, Finance, Own and Transfer (DBFOT) mode.
2. The Concessionaire shall prepare the concept plan for the development of the aerial ropeway system as per its own design based on the alignment provided by Concessioneing Authority, which includes the development of terminal stations specified in proposed alignment and necessary civil structure and allied facilities like development of parking, bridge, Ticketing counters/booths; ticket vending machines; pedestrian facilities; toilets; tree plantation; facilities for disabled; lifts and escalators at Stations; public address system at Stations; public information systems and refreshment facilities at Stations. The list of project facilities to be developed at stations is indicative but not exhaustive. The Project Facilities shall include, as per requirement, to be decided jointly with the Authority.
3. The standards applicable for the construction, Operation and maintenance of each ropeway project are as mentioned in para no 1 above.
4. The system should be duly audited and checked by the authorised auditor of the Concessionaire during construction, and safety certification must be obtained in accordance with applicable standards and as specified in the State Ropeway Act before commencement of commercial operation.
5. The Concessionaire shall operate and maintain the entire ropeway system and shall have the safety plan in place as per the relevant applicable standards, the state ropeway act and the prevailing rules for safety and security as laid down by the government from time to time for the entire concession period.
6. The Concessionaire shall provide emergency evacuation system in case of stoppage of ropeway in midway, breaking of wire rope, any failure in the tower, failure in machinery, any problems in the cable car, etc. during the operation of ropeway as per the relevant standards, state ropeway act and the prevailing rules for safety and security as laid down by the government from time to time for entire concession period.
7. The Concessionaire shall provide necessary security system as per relevant standards and state ropeway act and the prevailing rules for safety and security as laid down by the government from time to time for entire concession period to prevent any breach in the security. In order to achieve the same, the Concessionaire shall plan security mechanisms such as, deployment of specialised personal at vantage points, CCTV security system, PA system, fire alarm system or any other system which it seems suitable at its own cost.
8. The Concessionaire shall provide a medical aid system at all the terminal stations by deploying ambulances to the extent possible, first aid, etc.
9. The Concessionaire shall provide efficient and suitable fire detection, fire suppression system and firefighting system for the entire ropeway, including terminals, as per applicable relevant standards, the state ropeway act, and the prevailing rules for safety as laid down by the government from time to time for the entire period of lease.
10. All the necessary statutory approvals needed for construction and operation shall be taken by the Concessionaire prior to the start of construction during the construction period and operation of services, as the case may be. Forest clearances and ROW clearances for the project will be in place before the award of the project on a PPP basis.

4. EOI Process and Timelines

MPTB shall endeavour to adhere to the following bidding schedule:

Sl. No.	EOI Process	Date	Time
1	Notice Inviting EOI	22/05/2025	05:00 PM
2	EOI queries submission by parties	09/06/2025	05:00 PM
3	Pre-Proposal Meeting (Online and Offline)	10/06/2025	03:00 PM
5	Submission of EOI	24/06/2025	05:00 PM
6	EOI Opening	25/06/2025	-

5. Documents to be submitted along with EOI

1. Details of the Applicant
2. Details of Ropeway Experience
3. Details of Other Infrastructure / Commercial Projects
4. Financial Resources such as net-worth, turnover, profits, etc., in the last 3 years

5.1 Document Formats –

Applicant should submit their details in the following document formats -

5.1.1 Format for Details of Applicant

Sl. No.	Description	Details
1	Name of Firm	
2	Address for Correspondence	
3	Year of incorporation	
4	Address of corporate headquarters and its branch office(s) in India	
5	Details of individual(s) who will serve as the point of contact (a) Name: (b) Designation: (c) Company: (d) Address: (e) Telephone Number: (f) Fax Number: (g) E-Mail Address:	

5.1.2 Format for Project Details of Ropeway Experience

To be filled separately for each project

Sl. No.	Description	Details
1	Project Name	
2	Project Location	
3	Cost of the Project	
4	Alignment Length	
5	Contract Model	
6	Design Capacity in PPH	
7	Type of Ropeway	
8	Ropeway Standard used	

5.1.3 Format for Project Details of Other Infrastructure / Commercial Projects

Sl. No.	Description	Details
1	Project Name	
2	Project Location	
3	Cost of the Project	
4	Contract Model	

6. How to Submit –

6.1.1 Interested participants are required to submit their EOI in writing, indicating the following details:

1. Concept plan covering development of Ropeway service, Stations including intermediate station, if required, and other infrastructure at all the stations as deemed necessary
2. Nature of assistance required from MPTB in the development of the project.
3. Implementation plan.
4. Any other suggestions, etc.

Note:- The above details are to be submitted in CONCEPT NOTE as per Form B given in para no 8 below.

- 6.1.2 Please attach all the documents to be submitted as given in para no 5 above.
- 6.1.3 The proposal addressed to the following in an envelope duly superscribed for “DEVELOPMENT OF ROPEWAY PROJECTS FOR MPTB THROUGH PRIVATE SECTOR PARTICIPATION”, must reach latest by **17.00 hrs on 24/06/2025**

For any additional information pertaining to this EOI, the following MPTB officers may be contacted.

MADHYA PRADESH TOURISM BOARD (MPTB)

Company Secretary (C.S.)

6th Floor, Lily Trade Wing Centre, Jehangirabad, Bhopal, 462008

Phone: +91 94070 57416

E-mail: cs.mptb@mp.gov.in

7. General Terms and Conditions

In addition to the points contained in the foregoing sections, the following terms and conditions shall also apply:

1. All costs incurred by the applicants in making this offer in providing clarification or attending discussions, conferences, or site visits, stationery cost, and any other expenses should be borne by the Applicants and will not be reimbursed by MPTB or transaction advisors.
2. Incomplete documents without necessary details shall not be considered.
3. The language for submission of the document shall be English.
4. The enclosed Schedules should be filled in completely and wherever not applicable it should be written as Not Applicable (NA).
5. The person signing the document submitted on behalf of the Applicant shall enclose Power of Attorney duly authorized and notarized. The Power of Attorney shall be backed by a copy of the board resolution in case of Company/declaration signed by all partners in case of Firm of the bidder in his/her favor.
6. Financial data, project costs, the value of works, etc. should be given in Indian Rupees only.
7. MPTB reserves the right to accept or reject any application or suggestion without assigning any reason.
8. The information furnished must be sufficient to show that the applicant is capable in all respects to successfully complete the envisaged work.
9. The document is not transferable.
10. While submitting the schedules duly filled in, the bidder shall enclose the latest copies of brochures and technical documentation giving more information about the applicant.
11. In case the applicant intends to give additional information for which specified space in the given format is not sufficient, it can be furnished in an enclosed sheet.

12. All the corrections and writings should be signed by the applicant.
13. MPTB reserves the right to cross-check and confirm the information details furnished by the applicants in the EOI document.
14. MPTB reserves the right to accept or reject any or all the EOI offers and reserves the right to postpone and/or cancel the EOI.

8. FORMATS FOR SUBMISSION OF EXPRESSION OF INTEREST

Expression of Interest (EOI) for Development of Ropeway Projects on DBFOT Model"

FORM – A: DECLARATION REGARDING ACCEPTANCE OF TERMS & CONDITIONS CONTAINED IN THE EXPRESSION OF INTEREST (EOI) DOCUMENT

To,

Managing Director

Madhya Pradesh Tourism Board (MPTB)

Official Address: Madhya Pradesh Tourism Board (MPTB)

6th Floor, Lily Trade Wing Centre, Jehangirabad, Bhopal, 462008

Phone: +91 94070 57416

E-mail: cs.mptb@mp.gov.in

Sir,

I have carefully gone through the Terms & Conditions contained in the EOI Document [No _____] regarding applications for Expression of Interest (EOI) for Development Of. Ropeway Projects on DBFOT Model I declare that all the provisions of this EOI Document are acceptable to my Company/ Consortium. I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration.

Yours truly,

Signature:

Name : _____

Designation : _____

Company : _____

Address : _____

FORM – B: CONCEPT NOTE

To,

Dated:

Managing Director

Madhya Pradesh Tourism Board 6th Floor, Lily Trade Wing Jahangirabad

Bhopal (M.P.)-462008

Ref: **“Expression of Interest (EOI) for development of ropeway projects on DBFOT model”**

In response to the EOI Document Reference No. _____/2025 dated _____ for captioned subject, we have prepared a concept note which is attached herewith. The concept note is prepared in good faith, after understanding the EOI document and requirements of MPTB.

Name of the Applicant: _____

Authorized Signatory: _____

Seal of the Organization: _____

Business Address: _____

Date: _____

Place: _____

Vide Board Resolution dated _____

1 INTRODUCTION OF SALKANPUR ROPEWAY

Vindhyavasini Mata Temple Salkanpur is a sacred Siddhpeeth of Vindhyavasini Beejasan Devi (one of the incarnations of the Hindu goddess “Ma Durga”), located 70 km from Bhopal. The temple is located at an elevation of 800 feet in the village of Salkanpur and has to use around 1400 stairs to reach the temple.

The objective of the ropeway project is to offer the fastest, environment-friendly transport solution by constructing an ultra-modern, high-capacity ropeway from LTP to the Vehicle parking at Vindhyawasini Mata Temple. This is expected to help the elderly, differently abled devotees as well as reduce vehicular congestion at the top. Apart from this, the ropeway will provide direct connectivity to the Navdurga Corridor, Manidweep and 64 Yogini Plaza which are being developed as a part of Devi Lok at hill top. The cost of the Devi Lok project is approximately 97.00 Cr which is likely to be completed by the end of this year. It is expected that the provision of a ropeway will result in attracting more tourist footfall.

It is proposed to implement this project under the PPP mode.

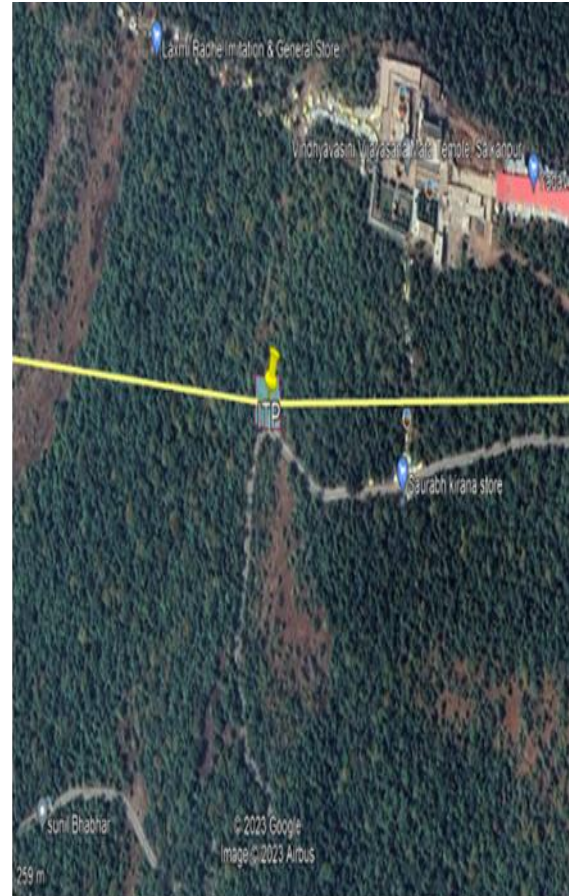
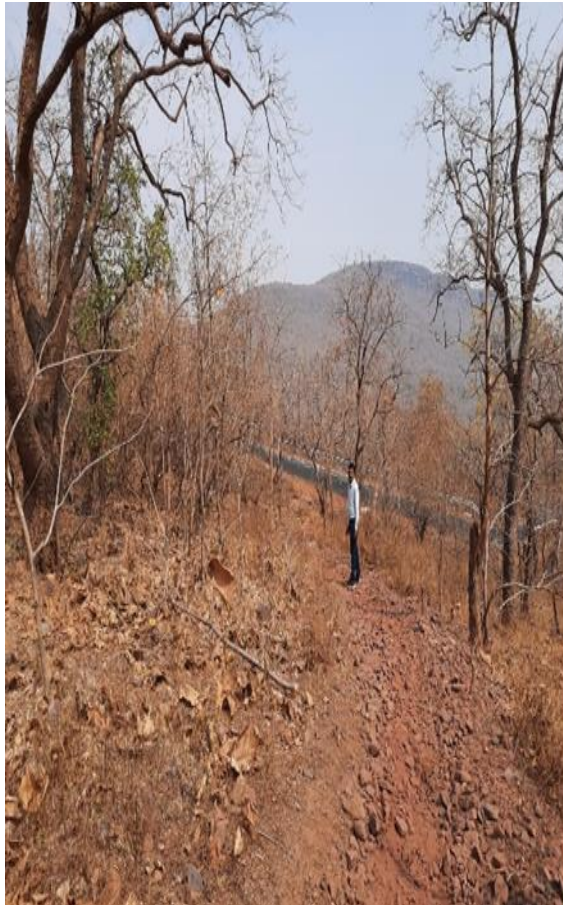
1.1 Lower Terminal Point Station (LTP)

- ❖ This location is approx.300 meters away from the LTP of the existing ropeway system.
- ❖ Ample space is available for the development of a ropeway station and gondola parking.
- ❖ The land belongs to Govt. (Revenue Department)
- ❖ This location is approximately 110 meters from the Helipad.
- ❖ The coordinates of the location are 22°44'8.20"N, 77°28'49.90" E



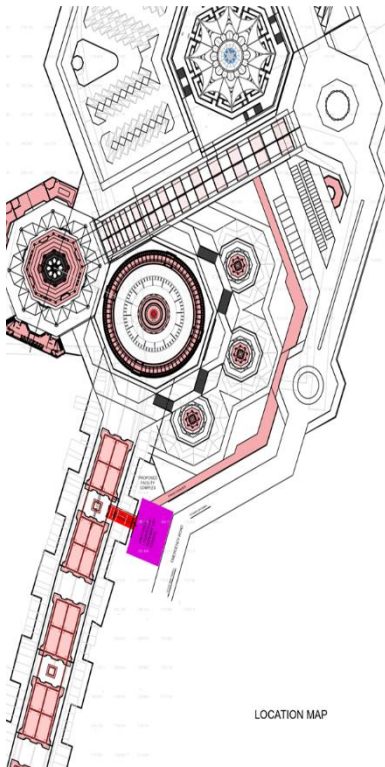
1.2 Intermediate Terminal Point Station (ITP)

- ❖ The coordinates of the location as per MDP are 22°44'35.74"N, 77°28'52.39"E
- ❖ This location is approximately 25-30 meters from the main road.
- ❖ Ample space is available for the development of the Intermediate Terminal Station.
- ❖ The land belongs to the forest department.
- ❖ The location is about 40m lower than the Vindhyawasini Mata Temple level.



1.3 Upper Terminal Point Station (UTP)

- ❖ The coordinates of the location are 22°44'55.57"N, 77°28'54.17"E .
- ❖ This location is about 70 meters from the parking area.
- ❖ Sufficient space is available for the development of a ropeway station at this location.
- ❖ The land belongs to the Forest Department.



- THE Upper Terminal Station (UTP) is planned 1,500m aerial distance from the start point.
- Integrated with Devi Lok and surrounding amenities for seamless visitor access.
- Direct connectivity to the planned Navdurga Corridor, Manidweep, and 64 Yogini Plaza.

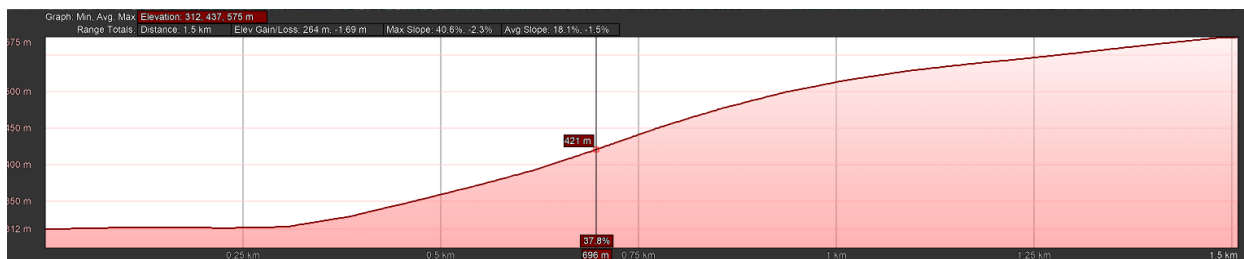
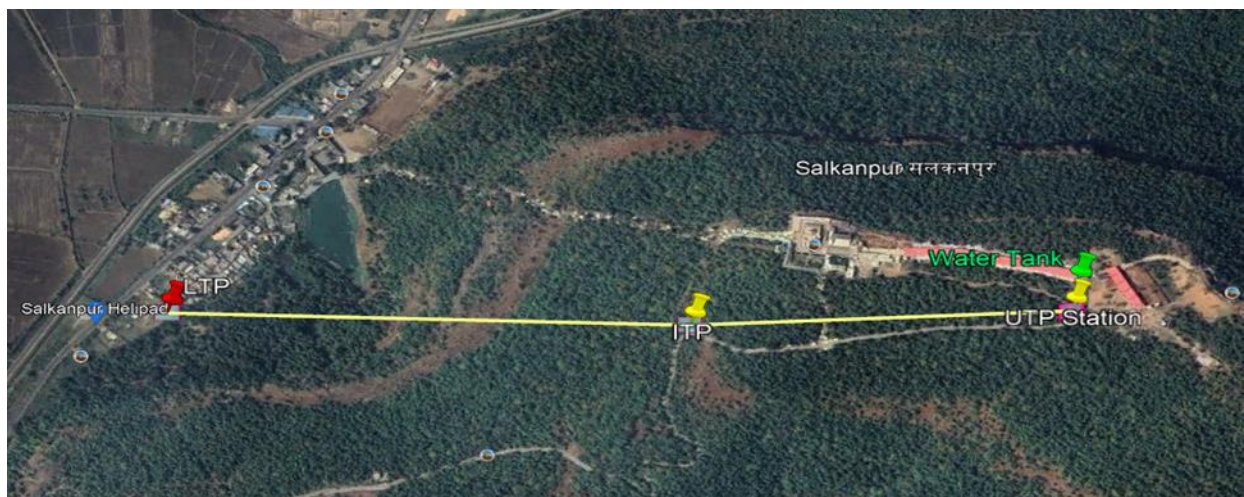
FACILITIES PROVIDED

- WAITING AREA
- DRINKING WATER FACILITY
- TOILETS
- CLOAK ROOM/LOCKER FOR STORAGE OF BAGGAGE, AND ESSENTIALS OF VISITORS COMING TO THE TEMPLE



1.4 Proposed Alignment:

The alignment of proposed Ropeway is as under: -



2 INTRODUCTION OF BHOJPUR ROPEWAY

Bhojpur is famous for the Bhojeshwar temple dedicated to Shiva. The site is a monument of national importance. The temple houses one of the largest lingas in India, 5.5 m (18 ft) tall and 2.3 m (7.5 ft) in circumference. It is crafted out of a single rock. Every year, on the occasion of Maha Shivaratri, a big mela is organised at Bhojpur. The Bhojeshwar Temple is located 30 kms from Bhopal.



The attribution of the temple to Bhoja is based on the testimony of Merutunga, who reports in the Prabandhacintāmaṇi that Bhoja bestowed on the poet Magha "all the merit of the new Bhojasvamin temple that he was about to build himself, and then set out for the country of Malava". The style of the sculpture on the building confirms an early to mid-eleventh-century date for the structure.

The temple at Bhojpur is unique in being left unfinished, with a series of large architectural parts still located in the quarries where the stones were cut and fashioned. In addition, there are a significant number of architectural drawings engraved on the flat surfaces of the quarry showing mouldings, pillars, and temple plans. Also of note is the large earthen ramp behind the temple which shows how medieval craftsmen raised the large blocks of stone into position. The drawings and architectural parts have been subject to in-depth study and with a book on the subject published by the Indira Gandhi National Centre for the Arts.

2.1 Lower Terminal Station (LTP)

LTP location is identified near the Bhojeshwar Temple. A vacant piece of land at about 215 meters away from the Bhojeshwar Temple is identified for the development of LTP. The area of the land parcel is 1200 sq. meters. The coordinates of the location are 23°5'59.11" N 77°34'37.93" E.



- ❖ This location is 215 mtr. away from the Bhojpur temple.
- ❖ Ample space is available for the construction of the Ropeway Station on this site.
- ❖ The land belongs to the Forest Department
- ❖ The location comes under the protected area of the Archaeological Survey of India. The location is under approval by ASI.
- ❖ This location is approximately 110 m away from the existing pathway to the Bhojpur Temple. The proposed ropeway station will be connected by a 60 m pathway to the existing pathway already constructed by ASI for passenger movement (passenger pathway is indicated in Fig.4.4).
- ❖ The proposed LTP station location is approximately 85m away from the existing road. The road can be connected to the proposed station location by a pathway as indicated in Fig.4.4 for transportation of construction material.

2.2 Upper Terminal Station (UTP) (Near Parvati Mata Temple)



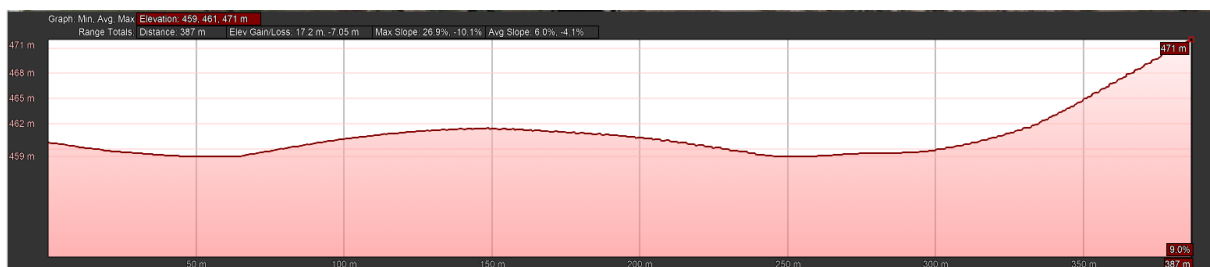
Coordinates of UTP 23° 6'10.75"N, 77°34'33.10"E

UTP location is identified near Parvati Mata Temple side alongside the road. A vacant piece of government land adjacent to a road belonging to the Revenue Department is identified for the development of UTP. The land parcel is 1.9 acres, i.e., 7689 sqm.

- ❖ The identified UTP location is approx. 141 meters away from Parvati Mata Temple.
- ❖ Ample space is available for the construction of the Ropeway Station.
- ❖ Ample vehicle parking, recently developed by the government, is available near this station.
- ❖ The land belongs to the revenue department.

2.3 Proposed Alignment:

The proposed ropeway alignment connecting LTP and UTP is 420 meters long, with a vertical rise of 12 meters. It is depicted in the following diagram –



3 INTRODUCTION TO OMKARESHWAR ROPEWAY

Omkareshwar is a Hindu temple dedicated to God Shiva. It is situated in the Mandhata city (also known as Omkareshwar) in Khandwa district of Madhya Pradesh state in India. It is one of the 12 revered Jyotirlinga shrines of Shiva. It is on an island called Mandhata or Shivapuri in the Narmada River at Khandwa district in Madhya Pradesh, India; the shape of the island is said to be like the Devanagari ॐ symbol.

It is about 12 km from Mortakka in Madhya Pradesh. Omkareshwar is formed by the sacred river Narmada. This is one of the most sacred rivers in India and is now home to one of the world's biggest dam projects. There are two main temples of Lord Shiva here, one to Omkareshwar (whose name means "Lord of Omkara or the Lord of the Om sound") located in the island and one to Mamleshwar (whose name means

"Immortal Lord" or "lord of the Immortals or Devas") located on the south bank of Narmada River on the mainland.

The temple is one of the 12 Jyotirlingas of Lord Shiva which are spread throughout India and is closely linked with the Mamleshwar. It is said that both Omkareshwar and Mamleshwar are two halves of the same ancient Linga that Lord Shiva had himself created and then divided into two.



3.1 Lower Terminal Station (LTP)

- ❖ LTP is proposed at the watch tower at JP Chowk
- ❖ The land is government land and belongs to the tourism department.
- ❖ A two-story Watch Tower is constructed by MP Tourism, but it is not used by tourists as of now. This location can be used for the construction of a future ropeway station, i.e. LTP, by dismantling the existing building.
- ❖ The existing building is about 4000 sqft. Nearby, about 6000 sq ft of land (including sloping land) is also available.





Figure 3-1 Proposed Lower Terminal Station – Aerial View

3.2 Upper Terminal Station (UTP)

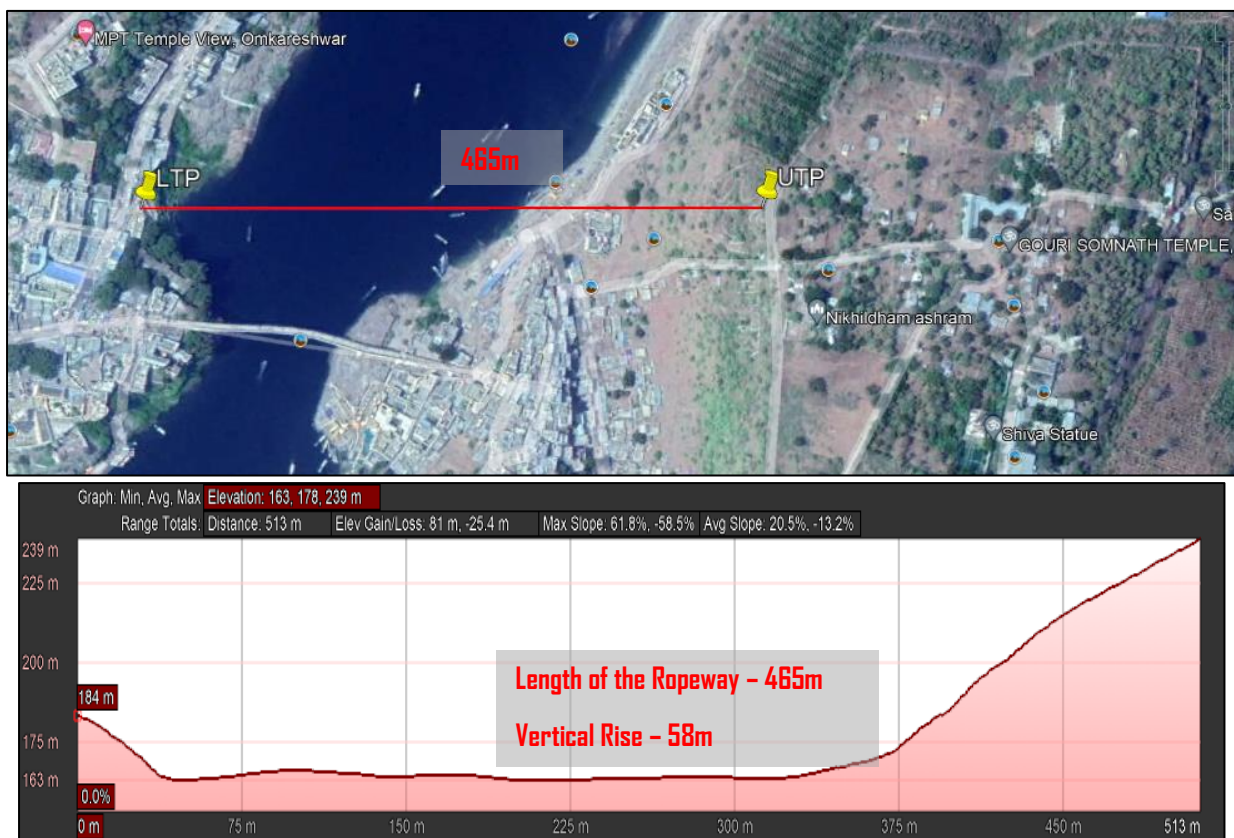
- ❖ UTP is proposed Near the Gauri Somnath Temple, Omkar Hill
- ❖ The land is a Govt land and belongs to the tourism department.
- ❖ A large area is available for the Development of the Upper Terminal Station
- ❖ Located near the Gauri Somnath Temple (Approx. 100- 120 metres).





3.3 Proposed Alignment:

The approved alignment of proposed ropeway is as under: -



4 INTRODUCTION OF JANPAV ROPEWAY

Janapav Kuti Peak, situated on the Mumbai-Indore Highway, is situated in the hills of the Malwa plateau. It is a mountain at an altitude of 881 meters above sea level and is a famous tourist destination. It is the highest peak and vantage point and is surrounded by dense forest. The place is valued by Hindus and holds mythological significance as it is believed to be the birthplace of Lord Parashurama. Jaanapav is known as the Birthplace of Maharshi Parshuram ji . The place is quite popular among trekkers for its scenic beauty and adventurous routes.



Janapav, also known as Janapav Kuti, is a mountain at an altitude of 854m above sea level and the highest peak in the Vindhayanchal range. It is located on the Indore-Mumbai highway, near the village of Janapav Kuti in Mhow Tehsil, Indore district of Madhya Pradesh. It is 45 kilometres from Indore. The mountain is surrounded by dense forests. The place is quite popular among trekkers for its scenic beauty and adventurous routes. The place is also famous for being the birthplace of Lord Parshuram and the fair that is held here every year on Kartik Purnima, which is the first full moon after Diwali. It is a perfect getaway for nature lovers and trekkers, attracting many people from across the country, especially during monsoons. The region is blessed with a unique, medicinally potent flower that is widely used in Ayurveda.

4.1 Lower Terminal Station (LTP)

Near Panch Mukhi Hanuman Temple

- ❖ This location is approx.80 meters away from the Panchmukhi Temple.
- ❖ Sufficient land is available around this location for development of a station.
- ❖ The land belongs to Forest Department.
- ❖ The coordinates of LTP are 22°27'44.39"N, 75°40'55.19"E



4.2 Upper Terminal Station (UTP)

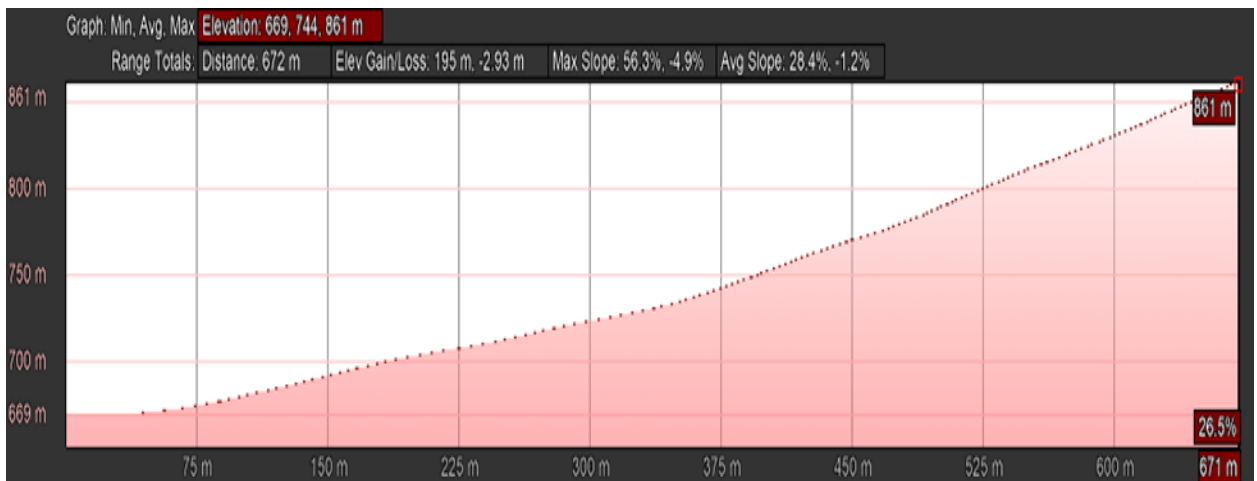
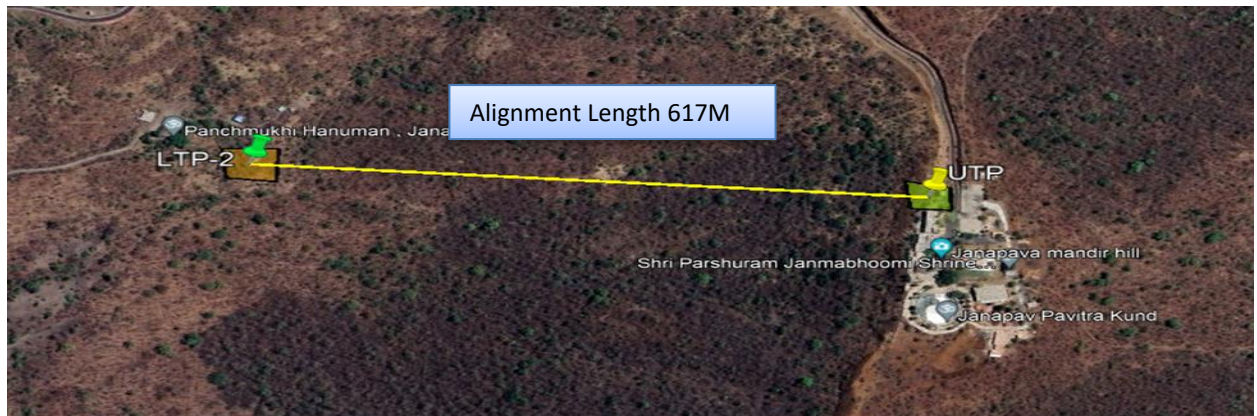
Near Shri Parshuram Ji Temple

- ❖ This location is 70 Meters away from Shri Parshuram ji Temple.
- ❖ The land belongs to Temple Trust.
- ❖ The coordinates of the UTP are 22°27'39.13"N, 75°41'15.99"E
- ❖ 1200 sqm (40 m along the alignment and 30 m across the alignment) near Temple Trust building and water tank.



4.3 Proposed Alignment

Alignment Panch Mukhi Hanuman temple (LTP) to Shri Parshuram Temple (UTP) is proposed for the Janapav ropeway as it offers a better aerial view to tourists during the ropeway travel. It is flat land, and construction is easier.



5 INTRODUCTION OF RAISEN ROPWAY



Raisen Fort is a substantial historical edifice placed atop a hill, enthralling a vast water reservoir, palaces and a few temples within the fort. Located at District-Raisen near the city of Bhopal, the 800-year-old fort has nine gateways, fortifications, domes and the remains of several buildings from the early medieval period. It's now an abode to hundreds of bats.





Raisen Fort is also a shrine of a Muslim saint, Hazrat Peer Fethullah Shah Baba. It is believed that the shrine can fulfil the desires of the pilgrims. Until the 16th century, the fort was under the hegemony of the Rajputs and other Hindu rulers. Although the

nawabs of Bhopal initially captured the fort, it is presently under the custody of the ASI. The magnificent fort stands on an outlier of a rock, which has a massive stone wall pierced with nine gateways. It is surrounded by a wilderness and a thick undergrowth of vegetation and long wild grass. Adorned with a large courtyard and a beautiful pool in the middle, the origin of the Raisen fort dates back to 1200 AD. With four palaces (Badal Mahal, Rohini Mahal, Irradiant Mahal & Hawa Mahal) within its boundaries, the mighty fort also houses a temple dedicated to Lord Shiva. The doors of the temple open every year on the occasion of Shiratori. The pilgrims who visit the temple on other days tie a piece of cloth on the grill gate for the fulfilment of their wishes. Raisen fort also abounds with rock shelters with paintings created by the cave dwellers.

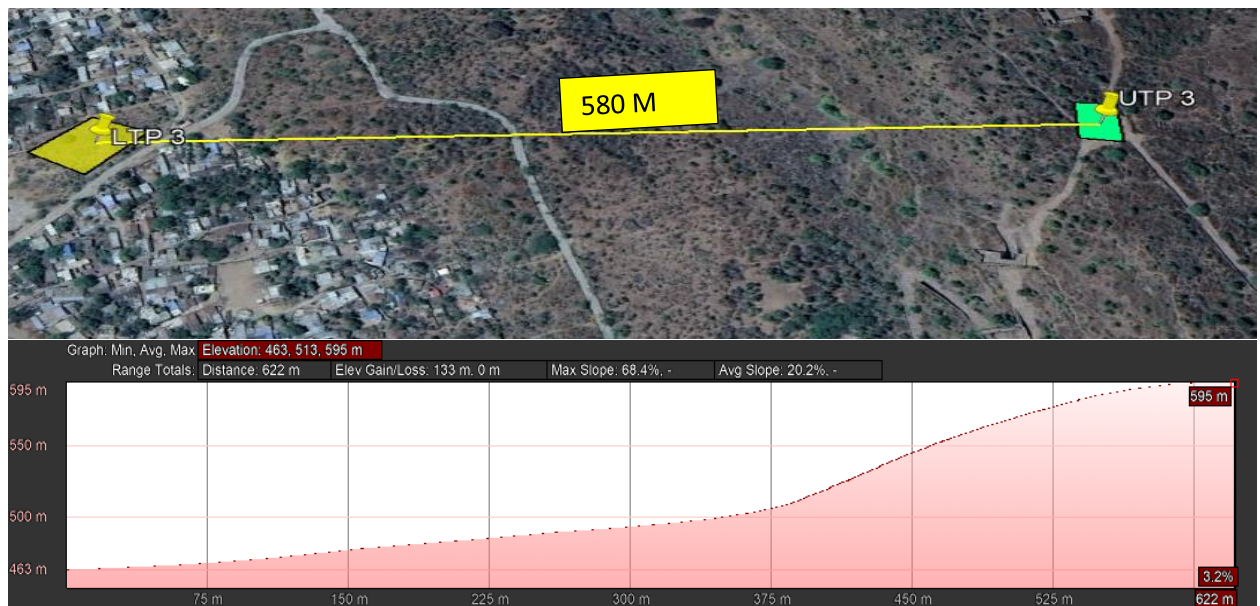
5.1 Identification Of Station Locations

Sr No	Ropeway Station	Description
1	Raisen Fort UTP-3	<p>Latitude - 23°19'31.03"N Longitude - 77°46'27.53"E</p> <ul style="list-style-type: none"> ❖ Ample space is available for the construction of the Ropeway station. ❖ The Proposed Land belongs to the Forest Department. ❖ The power line is under the ropeway line. It is informed that the power line will be shifted or made underground if required. ❖ The Fort is about 170 meters away from this location. But the tourists will be required to use less number of footsteps to reach the Fort.
		

2	Raisen Fort LTP-3	<p>Latitude - 23°19'12.18"N Longitude -77°46'28.38"E</p> <ul style="list-style-type: none">❖ This station is located 126 meters from the main road.❖ Ample space is available for the construction of the Ropeway station.❖ This land belongs to the Forest Department.
		

5.2 Proposed Ropeway Alignments

The Fort is about 170 meters away from the UTP location. The tourists will be required to use less number of footsteps to reach the Fort. LTP location has ample space for the construction of a ropeway station, gondola parking and vehicle parking. It is nearest to the main road. The LTP location is almost flat, and the construction of the station will be easier.



Length -580m

Vertical rise- 127 m

TRAFFIC SURVEY

1. Salkanpur Ropeway Project

Primary Data Collection

Date	Days	Pedestrian Count			Total
		Men	Women	Children	
12.05.2023	Friday	3467	2374	1630	7471
13.05.2023	Saturday	3388	2235	1321	6944
14.05.2023	Sunday	4179	3151	1988	9318
15.05.2023	Monday	3102	2196	1410	6708
16.05.2023	Tuesday	3153	2166	1382	6701
17.05.2023	Wednesday	2629	1904	1313	5846
18.05.2023	Thursday	3162	2232	1573	6967
07 Days Total		23080	16258	10617	49955
07 Days Average		3297	2323	1517	7137

Disclaimer:

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2. Bhojpur Ropeway Project

Primary Data Collection

Days	Actual Recorded Traffic	
	Date	Tourists Count
Sunday (Peak day)	09-01-2022	4116
Monday (Peak day)	10-01-2022	3086
Tuesday (Normal Day)	11-01-2022	1791
Wednesday (Normal Day)	12-01-2022	2069
Thursday (Normal Day)	13-01-2022	1148
Friday (Normal Day)	14-01-2022	3567
Saturday (Normal Day)	15-01-2022	2304
Sunday (Peak day)	16-01-2022	3281
Monday (Peak day)	17-01-2022	2573
Average Normal Day Traffic		2176
Average Peak Day Traffic		3264
Variation in Traffic from normal day to peak day		50%

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3. Omkareshwar Ropeway Project

Primary Data Collection

Time Period	Sunday 16.01.2022	Monday 17.01.2022	Tuesday 18.01.2022
00:00:00	-	-	-
01:00:00	-	-	-
02:00:00	-	-	-
03:00:00	-	-	-
04:00:00	31	41	4
05:00:00	63	149	67
06:00:00	146	260	179
07:00:00	488	386	352
08:00:00	548	616	417
09:00:00	578	578	564
10:00:00	707	785	450
11:00:00	811	802	558
12:00:00	876	772	559
13:00:00	849	629	548
14:00:00	941	713	626
15:00:00	689	594	509
16:00:00	511	647	583
17:00:00	573	644	530
18:00:00	614	550	439
19:00:00	426	374	378
20:00:00	235	263	243
21:00:00	135	113	147
22:00:00	53	69	81
23:00:00	55	-	21
Total	9329	8985	7255
Non-peak day Traffic			7,255
Total Traffic in Peak days in Year (Including Sunday, Monday & Listed Yatra days) (145 days X 7255 X 1.27)			13,36,008
Total Traffic in Non-peak days in Year (220 days X 7255)			15,96,100
Total Tourist Per Year			29,32,108

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4. Janapav Ropeway Project

Primary Data Collection

Days	Assume Pedestrian count		Panch Mukhi Hanuman LTP + Parshuram Temple
	Panch Mukhi Hanuman LTP	Parshuram Temple UTP	UTP Total
Monday	38	3726	
Tuesday	29	416	
Wednesday	38	469	
Thursday	18	541	
Friday	23	412	
Saturday	66	1551	
Sunday	109	4064	
07 Days Total	321	11179	
07 Days Daily Average	46	1838	
04 days Daily Average	46	459	505

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5. Raisen Ropeway Project

Primary Data Collection

Days	Pedestrian count
	LTP
Monday	270
Tuesday	301
Wednesday	229
Thursday	300
Friday	207
Saturday	560
Sunday	518
Total	2385
Average	341
Total tourist counts in a year with Induction	149358

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