

JALPADEVI CABLE CAR

SALIENT FEATURES

SN	FEATURES	CHARACTERISTICS
GENERAL		
1	Name of the Project	Jalpadevi Cable Car
2	Sector	Tourism and Hospitality
3	Type	Cable car and Hotel

PROJECT LOCATION

1	Latitude of Project Area	28° 22'N: Bottom Station, 29° 05'N: Top Station
2	Longitude of Project Area	80° 30' E: Bottom Station, 81° 18' E: Top Station
3	Project Area	Tikapur, Kailali District, Sudurpaschim Province

PROJECT COMPONENT/TECHNOLOGY

1	Type of Ropeway	Considering the traffic flow of 500 pph, it has been proposed to use “Monocable Detachable Circulating Gondola” type carrier. This system consists of a single rope to support and control the motion of the gondolas. The bull wheel, which moves the rope is rotated by an electrical driving machine at the bottom station. The length of the cable car is 3156 m with 13 towers and 34 gondolas.
2	Bottom Station	The bottom station would be located beside the East-West Highway on the western bank of karnali river at an altitude of 222 amsl. It would contain a machine room, operation and watch room, cable car parking area, office, restaurants and other recreational areas.

SN	FEATURES	CHARACTERISTICS
3	Top Station	The top station would be located near the Jalpadevi Temple at an altitude of 1020 amsl. Jalpadevi Temple which is located near the top station premises, is considered as one of the Shakti Peeths in Nepal and India. The top station would contain a machine room, operation and watch room, office, restaurants and other recreational areas.
4	Resort Hotel	The top station would have a proposed resort hotel of 100 beds. A resort hotel can do business in place where there are clients to patronize. The main building would have attractive aesthetic look that showcases Nepalese and orient culture and traditions. The rooms would have modern amenities with special focus on hygiene and space
5	View Tower	View tower would be located at top station premises. It would give a pleasant view of himalayas, hills and nearby panoramic view. The view tower would have a looking telescope to get the virtual image of the majestic hills and himalayas as if they exist in front of the eyes.
6	Amusement Park	Amusement park would also be located at the top station premises. The park would contain children playgrounds that would entertain the young ones visiting the place. The playground would contain recreational equipment like climbing ropes, swings, seesaw and jungle gym.

MARKET ASSESSMENT

1	Demand	World religious travel is one of the fastest growing segments in travel today. The religious and faith based market has the advantage of appealing to people from around the world, of all ages and of all nationalities. The famous Jalpadevi temple located at the hilltop is the key attraction. Yearly, thousands of domestic and foreign tourists visit this place by foot which takes about 4 hours to reach the top. So, there is need of sophisticated means of transportation such as cable car which is environment friendly and available for people of all age groups.
2	Supply	Until now the country has limited Cable Car Stations. With the success of Manakamana Cable Car project, a number of new cable car projects have come up, some which have already commenced operation while some are in pipeline. Chandragiri integrated project in the Kathmandu, promoted by the group itself, and Kalinchwok cable car project have already commenced operation.

SN	FEATURES	CHARACTERISTICS
3	Opportunity	<p>The proposed project is one of its kind in the region, and even inside the nation in terms of operation mode and service features. The project would contribute directly and indirectly towards nation building process from private sector which would be a remarkable property of the nation possessing capacity to earn government revenue for long.</p> <p>Yearly traffic flow of the area is estimated to be around 6 lakhs including domestic and foreign tourists. The yearly growth in this figure is assumed to be 5%.</p>

DEVELOPMENT MODALITY

1	Development modality	Private Partnership
2	Role of Government of Nepal	<ul style="list-style-type: none"> ■ Provide legal facilitation for permits required to initiate the project. ■ Provide facilitation for land acquisition and project security.
3	Role of the Private Sector	<ul style="list-style-type: none"> ■ Conceptualize the project and implement the plans at the site with optimum quality and safety. ■ Operate the project with proper maintenance and management. <p>Collect the revenue during the operation period and pay tax to the government on time.</p>
4	Development Period	<p>a. Pre- Construction Period: 1 year</p> <p>b. Financial Closure: 1 year</p> <p>c. Construction Period: 1.5 years</p> <p>d. Concession Period: 30 years</p>

SN	FEATURES	CHARACTERISTICS
----	----------	-----------------

INDICATIVE FINANCIALS

1	Total Project Cost (including Interest During Construction & land acquisition)	~ USD 16 million
2	Interest Rate (including hedging cost)	12 %
3	Project IRR	16 %
4	Equity IRR	18%

CONTACT DETAILS

CHANDRA PRASAD DHAKAL
CHAIRMAN, IME GROUP PVT. LTD.
 Panipokhari, Kathmandu
 Ph: +977-9851085929
 Email: chandra@imegroup.com.np