

**PUBLIC HEARING REPORT OF  
PASSENGER ROPEWAY BETWEEN DHAPPER  
(YANGANG) TO BHALEYDHUNGA (RAVANGLA)  
YANGANG – SOUTH SIKKIM**



**CONDUCTED BY:**

**STATE POLLUTION CONTROL BOARD – SIKKIM**

**DEPARTMENT OF FOREST, ENVIRONMENT & WILDLIFE MANAGEMENT**

**GOVERNMENT OF SIKKIM**

**DEORALI - GANGTOK**

# FOREWORD

The Department of Tourism and Civil Aviation has proposed to construct a Passenger Ropeway between Dhapper (Yangang) to Baleydhunga (Ravangla) Yangang, South Sikkim. The proposed project site is 13 Kms from Ravangla sub-division town. The project envisages construction of buildings at two ends namely LTP and UTP of ropeway systems for boarding/de-boarding of passengers.

Two possible alignments have been studied for the purpose of evaluation by comparison. Lower terminal area has been chosen within 2 kms of the rural road constructed under PMGSY. The upper terminal area has been selected close to the Bhaleydhunga peak, adjacent to the last shelter shed of trekker's route that goes to the peak.

Following observations are made:

- a) Both the alignments are passing through hill slopes, over dense forest.
- b) Contours have been changed rapidly for both the alignments.
- c) Soil / rocks conditions are identical in nature, for both the alignments.
- d) Both the alignments pass over Yangyang reserve forest at lower ridges of the hill slope, while the upper ridges (start from 1800 mtr. Altitude) of the alignments falls in Maenam Wildlife Sanctuary.

While both the terminals were frozen, RITES selected best-suited alignment with a view that gives maximum mechanical advantages in selection of prime movers.

The ropeway system used in the alignment would be Detachable grip 8 seater Mono cable Gondola ropeway system. The land required for the development of Ropeway System is 2.9 hac. in which 1.2 hac. in Maenam Wildlife Sanctuary and 1.7 hac. in Reserved Forest. All the facilities proposed for the operation of ropeway will be accommodated within the 2.9 hac. area. The proposed project envisages development of the following facilities:

- Station building at ropeway ends,
- Construction/Fabrication of Structures (towers), and
- Control systems.

There will be a programmable controlled digital variable speed drive panel. There will be necessary safety devices and emergency stop push button stations to make the system completely safe. Controlled panel and distribution boards will be provided at drive and return stations for operation as well as maintained purposes. One no. industrial type telephone system will be provided for communication with each station and line. Sixteen channel intercom systems will be installed at each station for communication between operating and security personnel of that station. The estimated completion time of the project has been worked out to thirty six months. The estimated cost of the project inclusive of consultant and infrastructural developmental cost is 73.33 crores only.

The Government of India vide notification S.O. No. 1533 (E) dated 14<sup>th</sup> September 2006 has made public hearing mandatory for aerial ropeways. Hence this public hearing first of its kind for aerial ropeways in the State of Sikkim was conducted by State Pollution Control Board - Sikkim on 28<sup>th</sup> May 2015 at Tourism Guest House Complex, Yangang, South Sikkim.

The views, comments, suggestions and the observations of the public along with written suggestions received from the people of the area who have a plausible stake in the environment aspects of the project activities have been incorporated in this Report.

The Report, I hope shall be of great help for the Project Developers and the Management Authorities for keeping necessary mitigative measures considering the larger interest of the Public, their feelings and the safeguard of the environment.

**(T.G. Bhutia)**

**MEMBER SECRETARY**  
**Member Secretary**  
State Pollution Control Board  
Forest, Env. & Wildlife Managt. Deptt.  
Gangtok, Sikkim  
**State Pollution Control Board - Sikkim.**



## INTRODUCTION

In fulfillment of the requirement of the Gazette notification S.O. No. 1533 (E) dated 14<sup>th</sup> September 2006, the State Pollution Control Board, Sikkim published notices in one national daily “Hindustan Times”, “Dainik Mirmirey” (Regional Vernacular Daily) “Sikkim Reporter” (Regional English Daily) and “Sikkim Herald” the official paper of the State Govt. inviting suggestions, views, comments & objections from persons including bonafide residents, environmental groups and others who have a plausible stake in the environmental aspects of the project or activity. The Public hearing was accordingly conducted by the State Pollution Control Board-Sikkim on 28<sup>th</sup> May 2015 at Tourism Guest House Complex, Yangyang, South Sikkim for the proposed Passenger Ropeway from Dhapper to Bhaleydhunga, South Sikkim.

The public hearing was held in the Tourism Guest house complex, Yangyang, South Sikkim and was attended by Hon’ble Chairperson, SPCB-Sikkim Smt. Kalawati Subba, Dr. Thomas Chandy, PCCF-cum-Pr. Secretary, FE&WMD, Shri C. Zangpo, Secretary, Tourism & Civil Aviation Department, Smt. C.C. Wangdi, Secretary, IPR Department, Shri Karma R. Bonpo, IAS, ADC, South District, Shri T.G. Bhutia, Member Secretary, SPCB-Sikkim, Dr. Gopal Pradhan, Principal Scientist SPCB-Sikkim, Shri B.K. Chettri, Sr. Scientific Officer, SPCB, Shri Praveen Pradhan, Addl. Chief Engineer, Tourism & Civil Aviation Deptt., Shri L. Sherpa, Superintendent Engineer, Tourism & Civil Aviation Deptt., Shri Nischal Gautam, DFO (WL), South, Shri Sangay Kazi, DFO (T), South, Shri P.K. Rai, SDM, Yangyang, Zilla Panchayat, Panchayat Members, officials of SPCB-Sikkim, Tourism and Civil Aviation Deptt. and public from Yangyang, Ravangla, Mangzing, Niya, Sripatam, Satam, Pathing, Namphok, Mangley villages etc.

The public hearing started at 10.00 am at tourism guest house, Yangyang, South Sikkim, with the introductory note and welcome speech by Dr. Gopal Pradhan, Principal Scientist, State Pollution Control Board-Sikkim. In his introductory speech, he briefed the gathering about the mandatory requirement to hold such public hearing meetings as per the new “Environment Impact Assessment Notification” brought out by the Ministry of Environment & Forest, Government of India on 14<sup>th</sup> September 2006. He further informed that, the EIA Notification of 2006 had authorized the State Pollution Control Board to conduct such public hearings for any project where the environment is likely to be damaged. Further, he explained, this kind of exercise provides suggestions and approaches for proper implementation of the project, provides for greater transparency and peoples participation in making the project successful. He also informed that, all the requirements have been fulfilled in informing and educating the people about this public hearing. He told the gathering that, the Public Notices had been brought out in one National English Daily (Hindustan Times), Two English local paper (Sikkim Herald and Sikkim Reporter) and one regional vernacular daily (Dainik Mirmirey). The Executive Summary, DPR, the EIA and EMP of the proposed project was made available in the offices of the District Collector (Namchi), South Sikkim, State Pollution Control Board, Deorali, Gangtok – East Sikkim, office of the Zilla Adakshya South, Namchi, office of the District Industries Centre, South and Executive Summary of the project and EIA was displayed in the website [www.sikervis.nic.in](http://www.sikervis.nic.in). Dr. Gopal Pradhan, Principal Scientist also welcomed all the dignitaries and the people present on the occasion to put forth their valuable suggestions, comments, views, observation in the public hearing session.

This was followed by a presentation about the project by Shri C. Zangpo, Secretary, Tourism and Civil Aviation Department with introduction and warm welcome to all the people present on the occasion. He said that the present passenger ropeway under Tourism and Civil Aviation Department, Government of Sikkim is a Central Sponsored Scheme (CSS).

He further informed the public about the project cost (Rs. 7333.44 lakhs), the length of the ropeway project and the process of implementation of the project. He also informed that the project is a Central Sponsored Scheme (CSS).

This was followed by presentation on the EIA and EMP aspects by Shri M.P. Mandal, Sr. Dy. General Manager, RITES India Ltd. who had carried out the EIA and prepared EMP.

This was followed by detail discussion on the project components wherein people who are likely to be affected, i.e., land owners, general public and NGOs, took part in public hearing discussion. The discussion session lasted for almost two hours.

The whole proceeding came to conclusion with wrap up speech by Shri Karma R. Bonpo, IAS, ADC. South who is also the Chairman of the Public Hearing Panel after discussion with the panel member Shri T.G. Bhutia, Member Secretary, SPCB-Sikkim. He concluded his speech by declaring that the public hearing was very successful. The programme ended with vote of thanks by Shri Ranjan Rai, Asstt. Environmental Engineer, SPCB-Sikkim.

## **PROJECT DISCRPTION:**

Sikkim is located in the Himalayan range of mountains, therefore it is an ancient belief and practice of the Sikkimese to worship mountain for the safety and prosperity of the land occupants. In this region of Yangang and Ravangla people worship the apparently highest peak Bhaleydhunga. Devotees from all the surrounding areas comprising of eleven blocks regularly go to the hilltop for worship and to visit millennium old Maenam Monastery. Other than this mobility, Trekkers and tourists from all parts of India and abroad also visit Bhaleydhunga and Maenam peak through the popular trekker's route from Ravangla bazaar which is 13 kms in length. Therefore, it has been envisaged that Bhaelydhunga peak has an importance to the local people from mythological point of view as well as an attraction to the trekkers for its natural beauty and landscape.

Since the Tourism industry holds a major share in the economy of Sikkim, Department of Tourism, Govt. of Sikkim has given due importance to the tourism potentiality and weightage to the mythological beliefs of the local people and eco-tourism, thus decided to provide certain infrastructure like Skywalk at Bhaleydhunga and to connect the hilltop from its south-east part of the foothill, namely Dhapper so that socio-economic development spreads widely in the region. Ropeway system has been chosen as a most suitable and environment friendly mode of transport system in hilly region.

The proposed project site is located at Dhapper. Dhapper is located in Ravangla sub-division under South District of Sikkim. It is about 13 km from Ravangla sub-division town. Ravangla is 125 kms away from Siliguri. The area is connected by means of road transport from Railhead at Siliguri and airport at Bagdogra.

The project envisages construction of buildings at two ends namely LTP UTP of Ropeway Systems for boarding/de-boarding of passengers.

Sikkim is the smallest state in the north eastern region having a total area of 7096 sq. km with an estimated population of 6.5 lakhs as per 2011 census. The state has 4 districts. In the study area most of the rural population is concentrated in the valleys and mountain shoulders often in remote scattered settlements. Travel by road is the only mechanized mode of transport. Because of the mountainous terrain, the area of land suitable for agriculture is limited. This situation makes the construction and improvement of roads extremely difficult and expensive.

Presently, there is no railway line in the state. Nearest railhead is New Jalpaiguri in West Bengal. Similarly, so far there is no airport in the State. Nearest airport is at Bagdogra in West Bengal. There is a skeleton helicopter service between Bagdogra and Gangtok (Sikkim). Two major rivers Teesta and Rangit flow through the state but are not navigable and as such inland water transport has practically no role. Roads are the only means of getting to and within the state. They are a critical input to the growth of all sectors. The length of roads is reported to be about 1840 km.

Two possible alignments have been studied for the purpose of evaluation by comparison. Lower terminal area has been chosen within 2 kms of the rural road constructed under PMGSY. The upper terminal area has been selected close to the Bhaleydhunga peak, adjacent to the last shelter shed of trekker's route that goes to the peak.

Following observations are made:

- e) Both the alignments are passing through hill slopes, over dense forest.
- f) Contours have been changed rapidly for both the alignments.
- g) Soil / rocks conditions are identical in nature, for both the alignments.

- h) Both the alignments pass over Yangyang reserve forest at lower ridges of the hill slope, while the upper ridges (start from 1800 mtr. Altitude) of the alignments falls in Maenam Wildlife Sanctuary.

While both the terminals were frozen, RITES selected best-suited alignment with a view that gives maximum mechanical advantages in selection of prime movers.

The ropeway system used in the alignment would be Detachable grip 8 seater Mono cable Gondola ropeway system. The land required for the development of Ropeway System is 2.9 hac. in which 1.2 hac. in Maenam Wildlife Sanctuary and 1.7 hac. in Reserved Forest. All the facilities proposed for the operation of ropeway will be accommodated within the 2.9 hac. area. The proposed project envisages development of the following facilities:

- Station building at ropeway ends,
- Construction/Fabrication of Structures (towers), and
- Control systems.

**Upper Terminal Point (UTP):**

The building would be two-storeyed RCC framed building and will have a concrete operating floor at first floor level, housed with truss and CGI sheet at the rooftop to house the Ropeway drive station, truss may be supported on structural steel column, brick wall cladding with sufficient glazing to be provided at both the floors, so that outside greenery could be seen. Ropeway mechanicals, waiting area and boarding/de-boarding arrangement except drive unit shall be placed at operating floor with an area of 330 sq. m, while equal area shall be utilized at ground floor to provide drive unit, panels, solar panels, store, maintenance area office etc. ticket counters and covered queue area to be provided separately.

**Lower Terminal Point (LTP):**

A single storeyed RCC framed, concrete roof annexed building with brick wall cladding and sufficient glazing, comprising of roughly 250 sq. m. For passenger handling would be located at lower terminal.

The operating floor would be of 450 sq. m. area adjacent to annexed building at ground floor level. The operating floor would be structural steel framed, housed with truss and CGI sheets at the rooftop.

**Control System:**

There will be a programmable controlled digital variable speed drive panel. The ropeway will run smoothly by means of a powerful speed and controlled power circuits. There will be smooth controlled start and stop of the ropeway. Different sensors, safety devices feedback element and annunciation will be provided.

There will be necessary safety devices and emergency stop push button stations to make the system complete safe. The safety will be ensured at lower and upper stations and line. The main drive motors will be tripped automatically and safely in case of any safety fault occurred at lower and upper stations.

Controls Panels and Distribution Boards will be provided at drive and return stations for operation as well as maintenance purposes. Control relays and interlocks will be provided for rescue engine, emergency motor and brake operation.

Operator's control desk should be capable to annunciate all faults, operating conditions etc.

A.C. drive will be provided with forward reverse operation, speed variation (auto and manual) and inching facilities.

**Communication:**

One number industrial type telephone system will be provided for communication with each station and line. The system basically consists of wall mounted sets (2 Nos. for each station), loudspeaker and amplifier, 2 Nos. portable sets will be provided for communication with line.

The wireless system (4 Nos. handsets) will be provided to communicate while maintenance/rescue operation on line and for other reasons, when communication through telephone system will not be possible.

16-channel intercom system will be installed at each station for communication between operating and security personnel of that station.

The estimated completion time of the project has been worked out to 36 months.

Estimated cost of the project inclusive of consultant and infrastructural developmental cost is Rs. 73.33 crores only.

Estimated annual operation and maintenance cost at first year of operation is Rs. 149.37 lacs.

The Government of India vide notification S.O. No. 1533 (E) dated 14<sup>th</sup> September 2006 has made public hearing mandatory for projects prior to its commencement. Hence, this public hearing first of its kind in the State of Sikkim (for passenger ropeway project) was conducted by State Pollution Control Board - Sikkim on 28<sup>th</sup> May 2015 at 10.00 a.m. at Tourism Guest House complex, Yangang, South Sikkim.

The views, comments, suggestions and the observations of the public along with written suggestions received from the people of the area who have a plausible stake in the environment aspects of the project activities have been incorporated in this report.

**PASSENGER ROPEWAY BETWEEN DHAPPER (YANGYANG) AND  
BHALEYDHUNGA (RAVANGLA) IN SOUTH SIKKIM DISTRICT OF  
SIKKIM.**

**SALIENT FEATURES OF ROPEWAY SYSTEM**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Description</b>
1.	General Altitude	1800 M
2.	Latitude	88 <sup>o</sup> 24'05"
3.	Longitude	17 <sup>o</sup> 21'48"
4.	Climate	Generally cold, temperature varies from – 5 to 21 degree Celsius
5.	Lower Terminal Area	Foot of the Bhaleydhunga hill at Dhapper
6.	Upper Terminal Area	Near the peak of the Bhaleydhunga hill
7.	System	Monocable Detachable Gondola System
8.	Capacity (Designed), PPH	400
9.	Horizontal distance between stations, m	2960
10.	Vertical rise, m	1327
11.	Line speed, m/sec	0 to 5
12.	Total Numbers of Tower	22
13.	Working Hours	10
14.	Capacity of cabin, persons	8
15.	Land Requirement	2.9 hac
16.	Travel time one way, min	10.8
17.	Cabin, no.	20
18.	Type of cabin	Fully enclosed type with ventilation, automatic sliding door
19.	Hauling rope	58 mm dia, 6 x 19 const; PPC tensile designation of wire 1770 N/mm <sup>2</sup>
20.	Main drive motor, kw	800
21.	Diesel Engine for rescue, kw	160
22.	D.G. set, KVA	625 (2 nos.)
23.	Power Requirement, kw	850
24.	Relevant Standard	IS 5229



**STATE POLLUTION CONTROL BOARD-SIKKIM**  
DEPARTMENT OF FOREST, ENVIRONMENT & WILDLIFE MANAGEMENT  
GOVERNMENT OF SIKKIM  
DEORALI, GANGTOK.

**PUBLIC HEARING NOTICE**

The Department of Tourism and Civil Aviation, Government of Sikkim proposes to construct a passenger ropeway between Dhapper (Yangyang) and Bhaleydhunga (Ravangla), South Sikkim. The Salient features of the Ropeway project are as under:

**SALIENT FEATURES OF THE IMPORTED PASSENGER ROPEWAY PROJECT:**

Sl. No.	Particulars	Description
1.	General Altitude	1800 M
2.	Latitude	88 <sup>o</sup> 24'05"
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Whereas by notification of the Govt. of India in the Ministry of Environment & Forests, Govt. of India No. S.O. 1533 (E) dated 14<sup>th</sup> September 2006 issued under sub-section (1) and clause V of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 read with clause (d) of sub-rule (3) of Rule 5 of Environment (Protection) Rules, 1986 and in suppression of the notification no. S.O. 60 (E) dated 27<sup>th</sup> January 1994 as made mandatory under part II, section 7, sub-section 3 dated 14<sup>th</sup> September 2006, the State Pollution Control Board is required to conduct Public Hearing in the interest of the public for preparing recommendations based on the technical assessment of documents and data furnished by the Project Authorities for obtaining necessary environmental clearance from MoEF, Govt. of India. Therefore notice is hereby given to all concerned persons, having a plausible stake in the environment aspects of the project or activity and to provide responses in writing or by participating in the public hearing to be conducted on 28<sup>th</sup> May 2015 at Yangyang Bazar (Tourism Guest House), South Sikkim at 10.00 A.M. onwards. Any person having plausible stake in the environmental aspects of the project or activity can submit their responses before the hearing date which may be addressed to the Member-Secretary, State Pollution Control Board-Sikkim, Department of Forest, Environment & Wildlife Management, Govt. of Sikkim, Deorali, Gangtok. Further access to the details of the project/executive summary, has been made available in the web-site [www.sikenvis.nic.in](http://www.sikenvis.nic.in) / [www.spcbsikkim.org](http://www.spcbsikkim.org) and at the offices of the State Pollution Control Board- Sikkim, Deorali, Gangtok, Office of the District Collector (South) Namchi, District Industry Office, Namchi, South Sikkim and Zilla Parisad Bhawan, Namchi, South Sikkim.

**Sd/-**  
Member Secretary,  
State Pollution Control Board-Sikkim  
Department of Forest, Env. & W/L Management  
Government of Sikkim  
Deorali – Gangtok.

## DISCUSSION

### Question & Answer session

<p>Q.1. Has the financial feasibility of this project been worked out?</p> <p><b>Shri Bikash Basnet, Yangang Bazar.</b></p>	<p>Ans. i) The detailed operation and maintenance cost of the project has been worked out and 30% of the revenue shall be kept aside for environmental upkeep.  ii) As per feasibility and economical viability, this project is economically viable with the investment of 700 crores which shall be recovered within a period of 12 years of its operation.  iii) Within a period of 30 years from its operation Rs. 5562 crore would be collected based on tourism growth pattern.</p> <p><b>Secretary, Tourism Department.</b></p>
<p>Q.2. Based on CAG report various government schemes and hydel projects have incurred heavy financial losses and have failed. So, how can you guarantee the success of this project?</p> <p><b>Shri Bikash Basnet, Yangang Bazar.</b></p>	<p>Ans: Comparison cannot be made with this project as this is tourism based project and there is growth in the tourism sector. If the project is completed within the time frame the government shall not incur any financial loss.</p> <p><b>Secretary, Tourism Department.</b></p>
<p>Q.3. What is the expected growth of return?</p> <p><b>Shri Bikash Basnet, Yangang Bazar.</b></p>	<p>Ans: 34% is the expected growth.</p> <p><b>Secretary, Tourism Department.</b></p>
<p>Q.4. More than 34 projects of Tourism Deptt. have not been completed on time there by incurring losses to the govt. till date. How can you guarantee that this project shall be profit earning?</p> <p><b>Shri Bikash Basnet, Yangang Bazar.</b></p>	<p>Ans: The projects you are referring are micro-projects and awareness programmes for the public is being conducted to renew these projects and these small projects are not meant to earn revenue but to help the local people generate income through these small projects.</p> <p><b>Secretary, Tourism Department.</b></p>
<p>Q.5. Kindly provide me the detail feasibility report as I could not get it?</p> <p><b>Shri Bikash Basnet, Yangang Bazar.</b></p>	<p>Ans: We shall provide with a copy (photocopy).</p> <p><b>Secretary, Tourism Department.</b></p>
<p>Q.6. Wildlife area has been de-notified for this project by the Supreme Court and certain safeguard has been laid out. What is the preventive mechanism in place to monitor the conditions?</p> <p><b>Shri Nav Raj Gurung, Jorethang</b></p>	<p>Ans: The Department of Forest, Env. &amp; Wildlife Management, Chief Wildlife Warden is responsible for maintaining, preserving and sustaining wildlife within the wildlife sanctuary. The mechanism is the Wildlife Act where it has been clearly defined for the upkeep of the wildlife.</p>

	Any violation of the Wildlife Protection Act, the Chief Wildlife Warden of the state is the Authority to take the action. <b>PCCF-cum-Pr. Secretary, Forest</b>
Q.6. There is a condition that no labour camp shall be constructed within this wildlife sanctuary so how is it possible to construct the terminals and towers required for the project? <b>Shri Nav Raj Gurung, Jorethang</b>	Ans: Labour camp will be constructed in the private land outside the sanctuary.  <b>Secretary, Tourism Department.</b>
Q.7. Is the clearance for the project required from the Wildlife Board?  <b>Shri Nav Raj Gurung, Jorethang</b>	Ans: Yes  <b>Secretary, Tourism Department.</b> The National Board of Wildlife's recommendation for the implementation of the project is 12 <sup>th</sup> Dec. 2012. As per the procedure laid down the Supreme Court has to go to the Centrally Empowered Committee of the Supreme Court to examine the recommendations of the National Board of Wildlife. The Centrally Empowered Committee submitted the report to the Hon'ble Supreme Court on 1 <sup>st</sup> Nov. 2013. Then the Supreme Court granted permission on 9 <sup>th</sup> Dec. 2013. <b>PCCF-cum-Pr. Secretary, Forest</b>
Q.8. There is considerable expenditure on environmental management, Biodiversity etc. Who will monitor the expenditure of the environmental management?  <b>Shri Nav Raj Gurung, Jorethang</b>	Ans: This mechanism is also clearly spelt out in the Forest Conservation Act, Wildlife Protection Act. The fund is transferred to CAMPA, Govt. Of India. Then CAMPA after receiving annual plan from the State Govt. transfer the fund to the state govt. through State CAMPA. The State CAMPA then undertakes the EMP as it is monitored by the Multidisciplinary Committee formed by the Central Govt. <b>PCCF-cum-Pr. Secretary, Forest</b> 16.48 crore have already been made. <b>Secretary, Tourism Department</b>
Q. 9. There is a sacred place which we worship within the project area, will that be disturbed?  <b>Joint Application by Panchayat Shri Gopi Das Pokhrel, Mangli</b>	Ans: During and after the construction of the project we shall not disturb the sacred place used for worship, the place shall be preserved and committee formed. <b>Secretary, Tourism Department</b>

<p>Q.10. This area does not have skilled manpower for the project and before its construction the local people should be trained through capacity building to get employment in the project and there are landslides in the project area. What provisions are kept to prevent such slides?</p> <p><b>Shri Gopi Das Pokhrel, Mangli</b></p>	<p>Ans: Mines and Geology Department have taken soil samples from different locations for analysis and necessary steps shall be taken to address the issue.</p> <p><b>Secretary, Tourism Department</b></p>
<p>Q.11. During the implementation of the project, the local should be given the priority in the award of work. We support the project.</p> <p><b>Shri Avinash Yakkha, Lower Rangang</b></p>	<p>Yes we will. Thank you for your support.</p> <p><b>Secretary, Tourism Department</b></p>
<p>Q.12. How is the endangered flora and fauna of the Sanctuary going to be preserved during the implementation of the project? How the toilets for labourer are constructed during the implementation of the project and solid waste disposed?</p> <p><b>Shri Bikash Basnet, Yangang Bazar.</b></p>	<p>Ans: Low cost toilet shall be constructed and garbage van shall be provided for solid waste management.</p> <p><b>Secretary, Tourism Department</b></p>
<p>Q. 13. What are the different types of employment that can be provided to the local people as per their qualification?</p> <p><b>Shri Kishor Gurung, Upper Yangang</b></p>	<p>Ans: As per qualification security guard, hospitality and technical staff are required and the people should be ready for it and as for hospitality sector they need not depend on this project directly and for quality control we shall maintain the quality of work to prevent negative impact on tourism.</p> <p><b>Secretary, Tourism Department</b></p>
<p>Q.14. We the public of Yangang want to know detail about this project &amp; Sky Walk project through Power Point Presentation.</p> <p><b>Shri C.L. Gurung, Zilla Panchayat, Yangang</b></p>	<p>Ans: Yes, we'll definitely fix date and will show you the details of the project by power point presentation.</p> <p><b>Secretary, Tourism Department</b></p>
<p>Q.15. As this is a big project so I request the Department to construct the toilets at both lower and upper terminals.</p> <p><b>Shri Nav Raj Gurung, Jorethang</b></p>	<p>Ans: Those things are the mandatory requirement. So, as you said, we'll make it.</p> <p><b>Secretary, Tourism Department</b></p>

**WRAP UP SPEECH AND RECOMMENDATIONS BY  
SHRI KARMA R. BONPO, IAS, ADDL. DISTRICT  
COLLECTORATE, SOUTH  
28<sup>th</sup> May 2015, Yangang, South Sikkim.**

Member of the public hearing panel, Shri T.G. Bhutia, Member Secretary, SPCB-Sikkim, Hon'ble Chairperson, SPCB-Sikkim Smt. Kalawati Subba, Dr. Thomas Chandy, PCCF-cum-Pr. Secretary, FE&WMD, Shri C. Zangpo, Secretary, Tourism & Civil Aviation Department, Smt. C.C. Wangdi, Secretary, IPR Department, Shri P.K. Rai, SDM, Yangyang, Zilla Panchayat, Panchayat Members, and ladies and gentlemen.

Now, after having listened to your views, suggestions, opinions, comments and observations, it was very interesting to see that the participants were found to have supported and welcomed the project, and they were of the opinion that the passenger ropeway project should come up.

The major thrust of all however was on the safeguard of general environment of the area, employment to the locals, award of contract to the local and safeguard of social, cultural and traditional values of the area. The questions, views, suggestions and opinion presented by the participants were meaningful and appreciable and this shall be reflected in the public hearing report. The promises and commitments made by the Project Developers in response to the suggestions, questions and views expressed were appreciated and accepted by the public who have attended this meeting.

It was nice to see that the Project Developer had assured every possible ways and means in solving the grievances of the general public present. As the Chairman of the public hearing panel, I recommend that the Project Proponent maintain a cordial relationship with all the people of the area and respect their social life, tradition, culture and sentiments.

Finally I request the Project Authority to sincerely adhere to the commitments of the agreement as envisaged in the Project Report & EMP as per today's proceedings in letter and spirit. Further the points raised and suggested by all present in today's hearing be incorporated in the final EIA & EMP reports for proper safety of the environment and sentiment of the common mass. With these words I thank all the participants for your active participation and meaningful interaction in today's public hearing. The public hearing was successfully conducted.

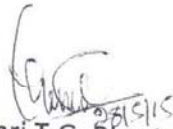
**Thank You.**

## THE MINUTES OF PUBLIC HEARING

The Public Hearing for Passenger Ropeway from Dhapper to Bhaleydhunga was held on 28<sup>th</sup> May 2015 at PWD Guest House Complex, Yangang, South Sikkim.

The Public Hearing was successfully conducted by the State Pollution Control Board-Sikkim, with Department of Tourism & Civil Aviation, Government of Sikkim and other Department, giving satisfactory response and commitments to the questions and suggestions put forward by public.

Finally, the panel, concludes that the Public Hearing was a success, with the public in favour of the project.



**Shri T.G. Bhutia**

Member Secretary

Public Hearing Panel

State Pollution Control Board-Sikkim

MEMBER SECRETARY

State Pollution Control Board  
Forest, Env. & Wildlife Mgmt. Deptt.  
Government of Sikkim



**Shri Karma R. Bonpo, IAS**

Chairman

Public Hearing Panel

Additional District Magistrate

South Sikkim

Addl. District Collector

South District Namchi

**VOTE OF THANKS BY**  
**Mr. Ranjan Rai,**  
**ASSISTANT ENVIRONMENTAL ENGINEER**  
**State Pollution Control Board-Sikkim.**  
**28<sup>th</sup> May 2015-Yangang, South Sikkim**

With the wrap up speech by the Chairman of the Public Hearing Panel, ADC, South, now we have come to the end of the programme. But before this, I have been assigned with the duty of offering vote of thanks. I therefore, take this opportunity to convey vote of thanks to all present here on this occasion. First of all I would like to extend our sincere thanks to the Chairman of the public hearing panel Shri Karma R. Bonpo, IAS, ADC, South, Chairperson Smt. Kalawati Subba, SPCB-Sikkim, Shri T.G. Bhutia, Member Secretary, SPCB-Sikkim, Govt. of Sikkim. I also like to extend sincere thanks to Zilla Panchayat members, for their gracious presence. I thank Dr. Thomas Chandy, PCCF-cum-Pr. Secretary, FE&WMD, Shri C. Zangpo, Secretary, Tourism & Civil Aviation Department and Smt. C.C. Wangdi, Secretary, IPR Department, Govt. of Sikkim, for sparing their valuable time. We thank S.P., South District, for providing security for smooth conduct of the programme. On behalf of the State Pollution Control Board, I take this opportunity to thank the officials of the Department of Tourism and Civil Aviation, Department of Forest, Env. & W/L Management, both Gram and Zilla panchayats and the general public for having attended this programme with their ideas, suggestions, views and guidance. We thank the Tourism Department for providing us the venue for today's programme.

We extend our sincere thanks to all the concerned citizens who put forth their suggestions for making this programme meaningful. We thank them for their guidance, concern and interaction in making this programme meaningful and lively. The co-operation extended by all who are present here are highly appreciated and we thank them all for their presence and support. Last but not the least I stand before you all to extend our thankfulness to all who have been involved in this programme directly or indirectly. Thank you once again.

**THANK YOU**

**PUBLIC HEARING FOR PASSENGER ROPEWAY BETWEEN  
DHAPPER TO BHALEYDHUNGA IN SOUTH SIKKIM  
DISTRICT OF SIKKIM**

**28<sup>TH</sup> MAY 2015.**

**Conducted by – State Pollution Control Board - Sikkim  
at TOURISM GUEST HOUSE, YANGYANG,  
SOUTH SIKKIM**

**On  
28<sup>TH</sup> MAY 2015.**

**PANEL FOR PUBLIC HEARING.**

<b><u>Sl. No.</u></b>	<b><u>NAME</u></b>	<b><u>DESIGNATION</u></b>
1.	Shri. Karma R. Bonpo, IAS	Addl. District Collector South District, Govt. of Sikkim.
2.	Shri T.G. Bhutia, SFS	Member Secretary, State Pollution Control Board-Sikkim Deptt. of Forest, Env. & W/L Management, Govt. of Sikkim.

**PUBLIC HEARING OF  
PASSANGER ROPEWAY FROM DHAPPER  
TO BHALEYDHUNGA  
YANGYANG, SOUTH SIKKIM**

**28<sup>TH</sup> MAY 2015**

**PROGRAMME**

- 9.40. A.M: Arrival of the Public participants.
- 9.50. A.M: Arrival of the Members of the Public Hearing Panel.
- 10.00. A.M: Introduction on public hearing & Welcome address by Dr. Gopal Pradhan, Principal Scientist, State Pollution Control Board- Sikkim.
- 10.10. A.M: Briefing on the Passenger Ropeway Project by Project Proponent.
- 11.30. A.M: Comments, views, suggestions, clarifications, (Questions & Answer Session).
- 12.30. P.M: Remarks on the public hearing proceeding by D.C. South-cum-Chairman of Public hearing panel.
- 12.45 P.M: Vote of Thanks by Shri Ranjan Rai, Asstt. Env. Engineer, State Pollution Control Board-Sikkim.
- 12.50. P.M: Lunch.

**PUBLIC HEARING FOR PASSENGER ROPEWAY BETWEEN  
DHAPPER TO BHALEYDHUNGA IN SOUTH SIKKIM  
DISTRICT OF SIKKIM**

**28<sup>TH</sup> MAY 2015**

**Name of the Participants:**

Sl. No.	Name	Address
1.	Smt. Kalawati Subba, Chairperson	SPCB-Sikkim
2.	Shri C. Zangpo, Secretary	Tourism & CA Deptt.
3.	Smt. C.C. Wangdi, Secretary	IPR Deptt.
4.	Dr. Thomas Chandy, PCCF-cum-Pr. Sec.	Forest Deptt.
5.	Shri Nischal Gautam, DFO (WL), South	Forest Deptt.
6.	Shri Sangay Kazi, DFO (T), South	Forest Deptt.
7.	Shri P.K. Rai, SMD	Yangyang
8.	Shri Lakpa Sherpa, SE	Tourism & CA Deptt.
9.	Shri Praveen Kr. Pradhan, ACE	Tourism & CA Deptt.
10.	Shri Sanjay Kr. Singh, DE	Tourism & CA Deptt.
11.	Shri Karma R. Bonpo, ADM	South
12.	Shri T. Gyatso Bhutia, Member Secretary	SPCB-Sikkim
13.	Smt. Kumari Thapa, Advisor	Commerce & Industries
14.	Shri Avinash Yakkha	Yangang
15.	Shri K. D. Kafley	Neya/Mangzing
16.	Shri D.K. Rai	Yangang
17.	Shri Bedu Man Chamling	Yangang
18.	Shri Porbshing Chettri	Upper Mangzing
19.	Shri Tseten Dorjee, CAO	Tourism & CA Deptt.
20.	Shri Kamlesh Pradhan, AE	Bhaleydhunga (Tourism)
21.	Smt. Lachi Rai	Yangang
22.	Smt. Ran Maya Gurung	Yangang (Satam)
23.	Shri Tula Ram	Upper Mangzing
24.	Shri Nav Raj Gurung	Jorethang
25.	Shri Bikash Basnet	Yangang
26.	Smt. Tshering Choden Bhutia	Yangang
27.	Smt. Anita Rai, Dy. Director	Tourism & CA Deptt.
28.	Smt. Kalpana Lama, AE,	Bhaleydhunga (Tourism)
29.	Shri Suran	Upper Yangang
30.	Smt. Laden Bhutia	Upper Yangang
31.	Smt. Shanti Chettri	Upper Yangang
32.	Smt. Christina Singh	Upper Yangang
33.	Smt. Karma D. Bhutia, AE, Powre	Ravangla
34.	Shri Paljor Ongda Bhutia, ACF(T) Forest	Ravangla
35.	Shri Kamal Subba, ACF(W/L) Forest	Ravangla

36.	Shri Shreeja Gurung	Yangang bazaar
37.	Shri Manju Chettri	Yangang bazaar
38.	Shri Rinzing Wangchuk Gyaltzen	Lower Rangang
39.	Smt. Nar Maya Rai	Upper Yangang
40.	Shri Prashant Rai, SI	Ravangla PS
41.	Shri N.S. Gurung	Pathing
42.	Shri Ram Chandra Rai	Lower Brum
43.	Shri Suraj Rai	Namphok
44.	Shri M.L. Gurung	Yangang
45.	Smt. R.O. Bhutia	Yangang
46.	Shri Deependra Basnet	Yangang
47.	Shri Kul Man Rai	Satam
48.	Shri Dil Kumar Khati	Lower Rangang
49.	Shri Suk Man Limboo	Lower Rangang
50.	Shri Hasta Bdr. Chettri	Lower Rangang
51.	Shri Sonam Gyatso Gyaltzen	Upper Rangang
52.	Shri Khush Narayan Basnett	Upper Rangang
53.	Smt. Dhan Kri. Rai	Upper Yangang
54.	Smt. Nanda Maya Thapa	Upper Yangang
55.	Shri Purna Bdr. Rai	Upper Rangang
56.	Shri Dheren Gurung	Upper Rangang
57.	Shri Am Kumar Gurung	Upper Yangang
58.	Shri S.T. Bhutia	Upper Rangang
59.	Shri S. Dadul Bhutia	Upper Yangang
60.	Shri Tek Bdr. Kami	Upper Yangang
61.	Shri Naren Gurung	Upper Yangang
62.	Shri Kul Bdr. Limboo	Gagyong
63.	Smt. Man Rupa Biswakarma	Yangang
64.	Shri Mila Sharma	Mangli
65.	Shri Shiv Dhoj Rai	Yangang
66.	Shri Pempa Thendup Tamang	Yangang
67.	Shri Denhang Limboo	Lower Niya
68.	Shri Ratna Kumar Gurung	Yangang
69.	Shri Rajesh Gurung	Pathing
70.	Shri Dawa Tshering Tamang	Lower Sripatam
71.	Shri Pramod Kumar Rai	Yangang
72.	Shri Bhim Bahadur	Yangang
73.	Shri Tek Bahadur Gurung	Upper Yangang
74.	Shri Rabi Lall Ghimiray	Upper Rangang
75.	Shri P.S. Rai	Upper Rangang
76.	Shri A. Rai	Rangang
77.	Shri Surendra Chettri	Ravangla
78.	Shri Kul Bdr. Gurung	Yangang
79.	Shri Prakash Kr. Dungmali	Upper Gagyong
80.	Shri Prabin Rai	Upper Yangang

81.	Smt. Chal Maya Gurung	Upper Yangang
82.	Shri Gopal Chettri	Lower Rangang
83.	Smt. Tuli Maya Gurung	Upper Rangang
84.	Smt. Dali Maya Gurung	Upper Yangang
85.	Smt. Lalita Gurung	Ravangla
86.	Smt. Meena Gurung	Upper Yangang
87.	Smt. Manju Gurung	Ravangla
88.	Smt. Laxuman Baniya	Upper Yangang
89.	Shri Singa Bdr. Rai	Yangang
90.	Shri Nir Kumar Gurung	Yangang
91.	Jeet Lall Gurung	Upper Yangang
92.	Shri L.B. Gurung	Pathing
93.	Shri Arjun Khawas	Yangang
94.	Shri Kishor Ramudamu	Yangang
95.	Shri S.B. Rai	Namphok
96.	Shri D.B. Gurung	Pathing
97.	Shri Ram Kumar Gurung	Pathing
98.	Shri R. Wangdi	Yangang
99.	Shri Tsingtob Bhutia	Salamthang
100.	Smt. Dekila Bhutia	Yangang
101.	Smt. Hissey Ongmu Bhutia	Yangang
102.	Smt. Rinchen Doma Bhutia	Salamthang
103.	Smt. Meera Devi Basnet	Pathing
104.	Smt. Leela Kumari Rai	Yangang
105.	Shri Manoj Rai	Upper Gagyong
106.	Shri Gopi Das Pokhrel	Mangli
107.	Smt. Sonila Lepcha	Lower Gagyong
108.	Shri Jemchang Bhutia	Yangang
109.	Shri Karna Bdr. Rai	Lower Gagyong
110.	Shri Bikash Pokhrel	Mangli
111.	Shri Deepak Bhattarai	Yangang
112.	Shri Bhutia	Yangang
113.	Shri Jagat Bdr. Gurung	Yangang
114.	Shri Kishor Gurung	Upper Yangang
115.	Shri B.B. Karki	Middle Kolthang
116.	Shri Tej Bdr. Gurung	Upper Yangang
117.	Shri Raghu Nath Bhattaria	Majuwa/Upper Rangang
118.	Shri Nedu Lall Chettri	Upper Rangang
119.	Shri Kamal Pati Sharma	Lower Rangang
120.	Shri Lendup Dorjee Bhutia	U/Rangang
121.	Shri Padam Bdr. Gurung	Pathing
122.	Shri Gopal Ramudamu	Yangang
123.	Shri N.D. Chettri	Yangang
124.	Shri Hem Kr. Gurung	Gagyong
125.	Shri Damber Singh Basnet	Lower Rangang

126.	Shri Gauri Pd. Basnet	Namphok-Mangli
127.	Shri Dhan Bdr. Chettri	Yangang
128.	Shri Aman Gurung	Yangang
129.	Shri T.B. Bhandari	Yangang
130.	Shri Karma P. Namka	Upper Yangang
131.	Smt. Saloni Pradhan	Yangang
132.	Shri C.L. Gurung	Yangang
133.	Shri Lalit Adhikari	Neya
134.	Shri Arpan Subba	Neya
135.	Shri Prem Bdr. Khanal	Neya
136.	Shri Harka Man Subba	Neya
137.	Shri Tak Bdr. Gurung	Upper Neya
138.	Shri B.B. Gurung	Yangang
139.	Shri Dhan Bir Limboo	Upper Neya
140.	Smt. Rekha Rai	Upper Neya
141.	Smt. Ganga Maya Gurung	Yangang
142.	Smt. Sancha Maya Rai	Upper Rangang
143.	Smt. Nirmata Rai	Upper Gagyong
144.	Dr. Gopal Pradhan, Pr. Scientist	SPCB, Gangtok
145.	Shri Rajiv Rai, Scientist 'B'	SPCB, Gangtok
146.	Shri Ranjan Rai, AEE	SPCB, Gangtok
147.	Smt. Kunzang Z. Bhutia, ASO	SPCB, Gangtok
147.	Shri Ramesh Chettri, JSA	SPCB, Gangtok
148.	Shri Krishan Pd. Sharma, LDC	SPCB, Gangtok
149.	Shri Yogesh Subba, Peon	SPCB, Gangtok
150.	Shri Kumar Gurung, Driver	SPCB, Gangtok
151.	Shri Som Bdr. Rai, Driver	SPCB, Gangtok
152.	Shri Ramesh Rai, Driver	SPCB, Gangtok
153.	Shri D.K. Rai, Driver	SPCB, Gangtok



Fig. 1. Display of banner for information of the public.



Fig. 2. Display of banner at Yangang bazaar for information of the public.



Fig. 3. Officials of the Department of Tourism & Civil Aviation, Forest, Env. & W/L Management and the State Pollution Control Board for providing necessary clarifications.



Fig. 4. Secretary, Tourism & Civil Aviation addressing the public.

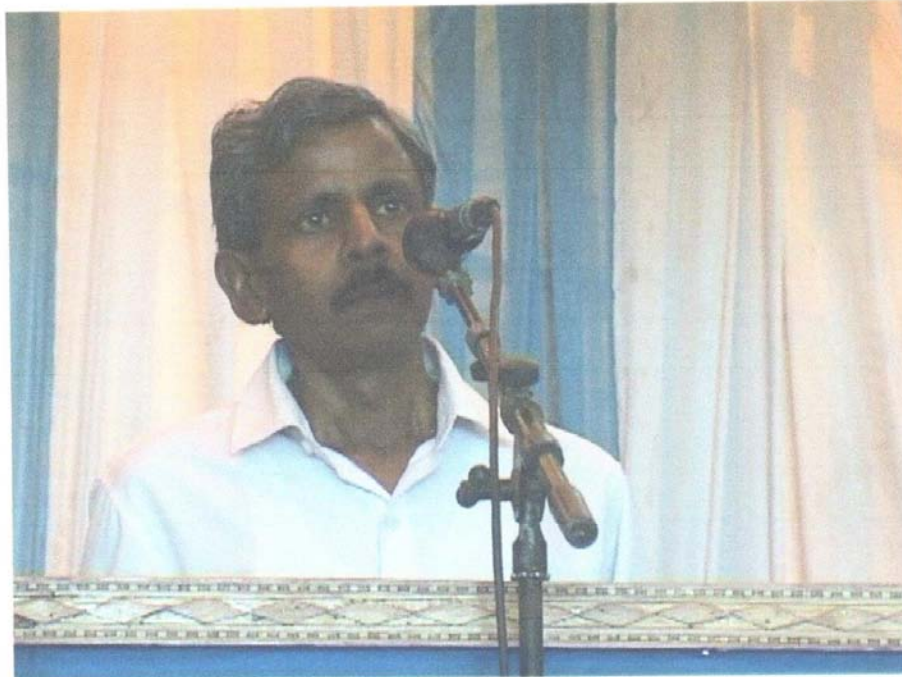


Fig. 5. Project EIA, EMP Consultant giving brief about the project.



Fig. 6. A view of public from the public desk with questions.



Fig. 7. Live video recording of the public hearing.



Fig. 8. PCCF-cum-Pr. Secretary replying to the questions put up by the public.



Fig.9. A view of public questioning from the public desk.



Fig.10. A view of public participation during the public hearing.



Fig. 11. View of local youth from the public desk with questions and suggestions.



Fig. 12. Chairman of Public Hearing Panel Shri Karma R. Bonpo IAS, ADC, South addressing the public.

**Written  
Representations  
received from the  
public on Public  
Hearing Day i.e.  
28.05.2015 and the  
Written Replies  
provided by the  
Secretary, Tourism and  
Civil Aviation  
Department,  
Government of Sikkim  
after completion of the  
public hearing.**

To,  
The Member-Secretary,  
State Pollution Control Board-Sikkim,  
Department of Forest, Env. & W/L Management,  
Government of Sikkim, Deorali-Gangtok.

Dated: 28.05.2015

Sub: Public Hearing Notice for construction of passenger ropeway between Dhapar (Yangyang) and Bhaleydung (Ravangla) in South Sikkim by the Department of Tourism, Government of Sikkim.

Sir,

Reference to the Public Hearing Notice as on the subject above, I have read the Draft Report: EIA study for Passenger Ropeway between Dhapar and Bhaleydhunga in South Sikkim as uploaded in your official website [www.spcbsikkim.org](http://www.spcbsikkim.org). The following observations have been made and the query to be replied by your good office placed.

Sl.No.	Observations	Query
1	Pg No.5.1 Chapter 5 section 5.2 Impact on Land Environment. Copy of the Supreme court Order at 5.1 clearly states that the Chief Wildlife Warden, Sikkim has recommended the use of the aforesaid forest land subject to conditions listed as (i) to (vi)	<ol style="list-style-type: none"><li>i. What is the regulatory mechanism to see that these conditions are not violated by the party in question?</li><li>ii. In case of the non-adherence of the conditions laid out in the order by the said party, what is the liable action to be taken by the concerned authority?</li><li>iii. How is the construction of lower terminal, upper terminal and 22 towers within the Maenam Wild Life Sanctuary and reserve Forest possible without setting up labour camps within the project site?</li><li>iv. The location for labour camps has not been indicated. May please ask the party to provide location of the labour camps to be set up.</li><li>v. Since part of the project is located in a wild life sanctuary, is the clearance of the National Board for Wildlife required?</li><li>vi. If yes, then has the clearance been taken? May provide a <u>copy</u> of the same.</li></ol>

2	Pg No 5.9 Section 5.10.5 Revenue Generation: The project is to promote wild life tourism involving huge investments of tax payer's money. This is not a public good like water, road etc high on priority and thus requires at least the operation and maintenance cost be recovered as mentioned in the report. The annual O&M cost has been estimated at Rs. 149.73 lacs	<ul style="list-style-type: none"> <li>i. Has the financial feasibility of this project been worked out?</li> <li>ii. If yes, what is the Internal Rate of Return of the project?</li> <li>iii. If not why has not been the financial feasibility of the project calculated?</li> <li>iv. With the annual O&amp;M already projected, where is the detailed financial feasibility report?</li> </ul>
3	With the upper terminal and lower terminal proposed within the wild life sanctuary and reserve forest, public amenities like toilet will have to be built for public convenience. The lack of proper sanitation management has been at public display in the mega project of Chaar Dham, Solophok, South Sikkim without the SPCB taking any heed to the situation. It is of utmost importance that such blunder is not repeated and sanitation management which includes grey water and black water management be conceptualized in the inception itself.	<ul style="list-style-type: none"> <li>i. Are they any toilets proposed in the upper terminal and lower terminal for public convenience?</li> <li>ii. If yes, what will be the system adopted for safe disposal of gray and black water from the pristine environment of the wildlife sanctuary and reserve forest?</li> </ul>
4	There is a considerable amount of expenditure involved for Environmental Management/ Mitigation in the form of Compensatory Forestation, Biodiversity Conservation and Wildlife Protection Plan etc.	<ul style="list-style-type: none"> <li>i. Who will monitor the expenditure on environmental management/ mitigation cost?</li> <li>ii. Will there be a Committee formed with members from the civil society of Yangyang involved in it?</li> <li>iii. What is the provision available if the Department of Tourism does not transfer the said expenditure in time bound manner?</li> </ul>

The EIA draft report has laid a well planned road ahead for the execution of the project. The success of a project lies in the vigour with which it is implemented. The poor implementation of projects all over Sikkim can be seen through the naked eye and its endorsement in the annual reports of the Comptroller and Auditor General, Sikkim. In order to maintain transparency which is a key to the success of any project, a Monitoring Committee with all the stakeholders may be constituted. If not then the SPCB may please tell that in case of non-adherence of the conditions on basis of which the project was approved and deviation from the scope of the EIA, which is the Government agency that the aggrieved parties should approach?

Thank you

Yours faithfully

*Bikash Basnet*

(BIKASH BASNET)

Jangang, Bazar  
South - Sikkim

Contact: 8101524575

Reply to the queries of Mr. Bikash Basnet, Yangang Bazaar, South Sikkim, received on 28.05.2015 on Public Hearing for Environment Clearance for construction of Passenger Ropeway between Dhapper and Bhaleydhunga at Yangang, South Sikkim.

Serial no wise reply to the query :-

1.
  - i. It has been explained in detail by the PCCF cum Principal Secretary, Forest, Environment & Wildlife Management Department, Government of Sikkim in the Public Hearing held on 28.5.2015.
  - ii. – do-
  - iii. Only the upper terminal and 8 no. of Tower of the Passenger Ropeway are proposed in the Wild life Sanctuary, other infrastructure are proposed outside the Maenam Wildlife Sanctuary.
  - iv. The labour camp will be located in the land acquired by the Tourism & Civil Aviation Department outside Maenam Wildlife Sanctuary.
  - v. Yes. The NBWL has recommended for implementation of the project.
  - vi. Copy enclosed.
2.
  - i. Yes
  - ii. The IRR is 16.25%
  - iii. N.A
  - iv. Operation & Maintenance analysis is enclosed in the DPR.
3.
  - i. Yes
  - ii. Bio degradable toilet will be provided.
4.
  - i. It has already been elaborated in the Public Hearing held on 28.05.2015.
  - ii. Yes
  - iii. For this purpose, as sum of 16.48 crores has already been transferred to FEWLMD.

  
**Secretary**  
Tourism & Civil Aviation Deptt  
Govt. of Sikkim, Gangtok

The Member Secretary,  
State Pollution Control Board-Sikkim  
Department of Forest, Environment & Wild Life Management,  
Govt of Sikkim,  
Deorali, Gangtok, Sikkim

28.5.15

SUB CONDITIONS FOR ISSUE OF ENVIRONMENTAL CLEARANCE FOR  
CONSTRUCTION OF PASSENGER ROPEWAY & BETWEEN DHAPAR(YANGYANG)  
AND BHALEYDHUNGA, MAENAM WILD LIFE SANCTUARY, IN SOUTH SIKKIM.

Sir,

Reference you Public Hearing Notice F.No 562/SPCB/151 dated 22/04/2015  
the undersigned would like to bring to your notice the following points and  
would like to request that the Environmental clearance for the above project  
should not be granted without complying with the issues mentioned below.

checked  
22/28/5/15  
st. put up  
Kamraj

Ms  
26/5/15  
put up

26/5/15

A. As stated in the executive summary the above project is located in the  
Maenam wild life sanctuary and it falls under category A as per EIA  
Notification and that the National board of wildlife(NBWL) has  
recommended for denotification of area measuring 2.10 hectare only  
for the project .

In this regard, I would like to state that the environmental Clearance  
should be accorded only after the Denotification process is completed  
and that too only for the area as specified in the 27<sup>th</sup> meeting of the  
NBWL held on 12 Dec 2012.. If there is need of additional land then fresh  
clearance from the NBWL should be approved.

- B. The project is to be seen in the perspective of Maenam WLS being a small 35 sq km sanctuary only. Skywalk is a huge project of 600 crore. It indicates that there would be huge devastation during the long construction phase itself. There would be loss of biodiversity, and cultural and religious heritage.

Some of the issues are highlighted here :

1. **Electricity Supply** - While the EIA report states that power requirements will be met by SSPD, it does not mention the means of power transfer to the LTP and UTP project sites. The report clearly states that "*power availability at the drive terminals of the recommended alignment has to be arranged separately at both the terminals*".
  - Will new powerlines have to be constructed? If yes, then what will be the alignment, land requirement and land-use type?
  - How many trees proposed to be cut for this component?
  -
2. **Water supply**- The EIA report states that domestic water needs of 4.5KLD during construction will be sourced from existing water supply source line of the PHED, However, it does not mention the source of water supply for the actual construction activities (15.5 KLD for 36 months) and for the operation of the project (181.82 KLD every day of operation).
  - Since the water requirement is quite significant and will need to be supplied at both terminals, will the project also involve the construction of new pipes and tanks?
  - If the source of water will be a stream, then which stream is it, and what will the impact of permanent water diversion be on downstream users and wild flora and fauna?
  - Since that all surrounding villages depend on the perennial waters from the Maenam sanctuary watershed to meet their water needs, what is the plan to deal with potential conflicts over water use how would these be addressed?
3. **Impact of the project on wild fauna**- According to an ENVIS report on the Maenam sanctuary "*Major significance of this sanctuary being the number of Schedule I animals it harbours which are given maximum protection in the national*

level as well as having the main inhabitant in the form of Red Panda and various pheasants". The Bhaleydungga ridge, named after the incessant breeding calls of male pheasants perched atop the ridge, is of great ecological and cultural significance. This area is also part of an Endemic Bird Area. The construction of the skywalk, LTP, UTP, access roads, power infrastructure coupled with continuous disturbance from people movement and waste generation will definitely have serious consequences on wild animal movement. The creation of such clearings and linear intrusions will hamper canopy connectivity essential for critical arboreal species such as the red panda, the Himalayan Palm Civet and the numerous birds in the sanctuary.

- What are the potential impacts on wild fauna of the sanctuary?
- Has comments of some specialised institute e.g. Wildlife Institute of India been obtained?

4. **Tourist traffic on Bhaleydungga peak will affect flora, fauna & cultural significance** - The Bhaleydungga peak is of strong cultural importance, as people from surrounding villages come to worship Lord Shiva on this rock. Facilitating such easy access of over 4000 people per day to this sacred spot will result in it losing its spiritual and cultural environment, which will be detrimental to local people.

- Has the cultural impact taken into account? Has the permission of local people with respect to their place of religion obtained?

A comparison with Grand Canyon Skywalk is made which attracts 3,00,000 visitors?

- Has a computation of the impact of such a large crowd on biodiversity of park been computed?
- Have we taken into account the nature of the visitors vis a vis that the grand canyon? What about littering and loitering by Indian visitors?

Road & Transportation of Man & Material

Since the skywalk would be on the edge of bhalleydhunga peak at the height of 3080 m, is there motorable road for heavy traffic to transport man and material for construction?

- Would this involve construction of new road or widening/strengthening the old road?
- Has permission under the Forest (Conservation) Act and NBWL been taken for such a road?
- What are the impacts on biodiversity of creating such a road in a wildlife reserve?

#### Forest Clearance

- Has forest clearance of the forest land involved been taken?
- How much forest land would be required for other than the main activities?

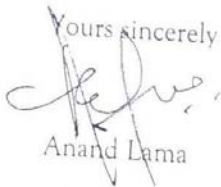
The EIA does not mention any details about the actual skywalk component of the Projects,

without which the entire exercise is incomplete and any clearance given on this EIA would be incomplete. The EIA with complete project details should be prepared before the grant of EC

As the above mentioned issues are critical for the wild life Sanctuary, the environmental clearance for the project should not be granted till the fulfilment of the above.

Thanking You,

Yours sincerely



Anand Lama

s/o Mr ND Lama

Kanchen View, Gangtok sikkim

9679498888

Reply to the queries of Shri Anand Lama, received on 28.05.2015 on Public Hearing for Environment Clearance for construction of Passenger Ropeway between Dhapper and Bhaleydhunga at Yangang, South Sikkim.

Serial no wise reply to the query :-

- A. The total requirement of land in Maenam Wildlife Sanctuary is 2.1 Hectare only, for which the permission from NBWL (National Board for Wildlife) has already been obtained.
- B. Total proposed land for the project is 10.85 Hectare out of which only 2.10 Hectare is located in wild life sanctuary, moreover only 60% of the area will be utilized for construction works rest will be used for landscaping, buffer zone, water harvesting & other eco friendly measures.
1. No new power lines will be erected for upper terminal of the Ropeway. The power supply will follow the same alignment of Ropeway as such no additional felling of trees is involved.
2. The Water supply for the project will be supplied by PHE Department from its existing sources.
3. The component of the proposed project is located at the fringe area of the wild life sanctuary, nevertheless the matter has been address at in-depth in the NDWL meeting and public hearing to the satisfaction of all concern.
4. The Matter regarding flora, fauna & cultural has been addressed in public hearing held on 28/05/2015.
5. No new road has been proposed for connectivity of the proposed site indentified for the construction of Skywalk. The proposed Ropeway will also cater to transportation of materials and labour required for implementation of Skywalk Project.

#### FOREST CLEARANCE

State-I clearance under FCA has already been obtained.

A detail of forest land required is as under :-

Sl No	Type of Land	Activity	Area in Hectare
1	Wild life Sanctuary	Skywalk	0.90 Hectare
		Passenger Ropeway	1.20 Hectare
		<b>Sub total</b>	<b>2.10 Hectare</b>
2	Reserved forest	Passenger ropeway	1.70 Hectare
		Support facilities at Dhapper	2.00 Hectare
		Support facilities at Lower Dhapper	1.00 Hectare
	Khasmal Forest	Support facilities at Lower Dhapper	1.00 Hectare
		<b>Sub total</b>	<b>4.70 Hectare</b>

The Environmental clearance is required only for the Passenger Ropeway and implementation of Skywalk does not require environmental clearance as per prevailing guidelines of Ministry of Environment & Forest, Government of India.

  
**Secretary**  
 Tourism & Civil Aviation Deptt.  
 Govt. of Sikkim, Gangtok

## DISCUSSION

### Question & Answer session

<p>Q.1. Has the financial feasibility of this project been worked out?</p> <p>Shri Bikash Basnet, Yangang Bazar.</p>	<p>Ans. i) The detailed operation and maintenance cost of the project has been worked out and 30% of the revenue shall be kept aside for environmental upkeep.                  ii) As per feasibility and economical viability, this project is economically viable with the investment of 700 crores which shall be recovered within a period of 12 years of its operation.                  iii) Within a period of 30 years from its operation Rs. 5562 crore would be collected based on tourism growth pattern.</p> <p>Secretary, Tourism Department.</p>
<p>Q.2. Based on CAG report various government schemes and hydel projects have incurred heavy financial losses and have failed. So, how can you guarantee the success of this project?</p> <p>Shri Bikash Basnet, Yangang Bazar.</p>	<p>Ans: Comparison cannot be made with this project as this is tourism based project and there is growth in the tourism sector. If the project is completed within the time frame the government shall not incur any financial loss.</p> <p>Secretary, Tourism Department.</p>
<p>Q.3. What is the expected growth of return?</p> <p>Shri Bikash Basnet, Yangang Bazar.</p>	<p>Ans: 34% is the expected growth.</p> <p>Secretary, Tourism Department.</p>
<p>Q.4. More than 34 projects of Tourism Deptt. have not been completed on time there by incurring losses to the govt. till date. How can you guarantee that this project shall be profit earning?</p> <p>Shri Bikash Basnet, Yangang Bazar.</p>	<p>Ans: The projects you are referring are micro-projects and awareness programmes for the public is being conducted to renew these projects and these small projects are not meant to earn revenue but to help the local people generate income through these small projects.</p> <p>Secretary, Tourism Department.</p>
<p>Q.5. Kindly provide me the detail feasibility report as I could not get it?</p> <p>Shri Bikash Basnet, Yangang Bazar.</p>	<p>Ans: We shall provide with a copy (photocopy).</p> <p>Secretary, Tourism Department.</p>
<p>Q.6. Wildlife area has been de-notified for this project by the Supreme Court and certain safeguard has been laid out. What is the preventive mechanism in place to monitor the conditions?</p> <p>Shri Nav Raj Gurung, Jorethang</p>	<p>Ans: The Department of Forest, Env. &amp; Wildlife Management, Chief Wildlife Warden is responsible for maintaining, preserving and sustaining wildlife within the wildlife sanctuary. The mechanism is the Wildlife Act where it has been clearly defined for the upkeep of the wildlife.</p>

  
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 Government of Sikkim

	Any violation of the Wildlife Protection Act, the Chief Wildlife warden of the state is the Authority to take the action. PCCF-cum-Pr. Secretary, Forest
Q.6. There is a condition that no labour camp shall be constructed within this wildlife sanctuary is how is it possible to construct the terminals and towers required for the project? Shri Nav Raj Gurung, Jorethang	Ans: Labour camp will be constructed in the private land outside the sanctuary.  Secretary, Tourism Department.
Q.7. Is the clearance for the project required from the Wildlife Board?  Shri Nav Raj Gurung, Jorethang	Ans: Yes  Secretary, Tourism Department. The National Board of Wildlife's recommendation for the implementation of the project is 12 <sup>th</sup> Dec. 2011. As per the procedure laid down the Supreme Court has to go to the Centrally Empowered Committee of the Supreme Court to examine the recommendations of the National Board of Wildlife. The Centrally Empowered Committee submitted the report to the Honble Supreme Court on 1 <sup>st</sup> Nov 2013. Then the Supreme Court granted permission on 9 <sup>th</sup> Dec. 2013. PCCF-cum-Pr. Secretary, Forest
Q.8. There is considerable expenditure on environmental management, Biodiversity etc. Who will monitor the expenditure of the environmental management?  Shri Nav Raj Gurung, Jorethang	Ans: This mechanism is also clearly spelt out in the Forest Conservation Act, Wildlife Protection Act. The fund is transferred to CAMPA Govt. of India. Then CAMPA after receiving annual plan from the State Govt. transfer the fund to the state govt. through State CAMPA. The State CAMPA then undertakes the EMP as it is monitored by the Multidisciplinary Committee formed by the Central Govt. PCCF-cum-Pr. Secretary, Forest 16.48 crore have already been made. Secretary, Tourism Department
Q. 9. There is a sacred place which we worship within the project area, will that be disturbed?  Joint Application by Panchayat Shri Gopi Das Pokhrel, Mangli	Ans: During and after the construction of the project we shall not disturb the sacred place used for worship, the place shall be preserved and committee formed Secretary, Tourism Department

<p>Q.10. This area does not have skilled manpower for the project and before its construction the local people should be trained through capacity building to get employment in the project and there are landslides in the project area. What provisions are kept to prevent such slides?</p> <p><b>Shri Gopi Das Pokhrel, Yangang</b></p>	<p>Ans- Mines and Geology Department have taken soil samples from different locations for analysis and necessary steps shall be taken to address the issue.</p> <p><b>Secretary, Tourism Department</b></p>
<p>Q.11. During the implementation of the project, the local should be given the priority in the award of work. We support the project.</p> <p><b>Shri Avinash Yaksha, Lower Yangang</b></p>	<p>Yes we will. Thank you for your support.</p> <p><b>Secretary, Tourism Department</b></p>
<p>Q.12. How is the endangered flora and fauna of the Sanctuary going to be preserved during the implementation of the project? How the toilets for labourer are constructed during the implementation of the project and solid waste disposed?</p> <p><b>Shri Bikash Basnet, Yangang Bazar,</b></p>	<p>Ans: Low cost toilet shall be constructed and garbage van shall be provided for solid waste management.</p> <p><b>Secretary, Tourism Department</b></p>
<p>Q. 13. What are the different types of employment that can be provided to the local people as per their qualification?</p> <p><b>Shri Kshar Gurung, Upper Yangang</b></p>	<p>Ans: As per qualification security guard, hospitality and technical staff are required and the people should be ready for it and as for hospitality sector they need not depend on this project directly and for quality control we shall maintain the quality of work to prevent negative impact on tourism.</p> <p><b>Secretary, Tourism Department</b></p>
<p>Q.14. We the public of Yangang want to know detail about this project &amp; Sky Walk project through Power Point Presentation.</p> <p><b>Shri CL Gurung, Dilla Panchayat, Yangang</b></p>	<p>Ans: Yes, we'll definitely fix date and will show you the details of the project by power point presentation.</p> <p><b>Secretary, Tourism Department</b></p>
<p>Q.15. As this is a big project so I request the Department to construct the toilets at both lower and upper terminals.</p> <p><b>Shri Nav Raj Gurung, Jurething</b></p>	<p>Ans: Those things are the mandatory requirement. So, as you said, we'll make it.</p> <p><b>Secretary, Tourism Department</b></p>

**WRAP UP SPEECH AND RECOMMENDATIONS BY  
SHRI KARMA R. BONPO, IAS, ADDL. DISTRICT  
COLLECTORATE, SOUTH  
28<sup>th</sup> May 2015, Yangang, South Sikkim.**

Member of the public hearing panel, Shri T.G. Bhutia, Member Secretary, SPCB-Sikkim, Hon'ble Chairperson, SPCB-Sikkim Smt. Kalawati Subba, Dr. Thomas Chandy, PCCF-cum-Pr. Secretary, FE&WMD, Shri C. Zangpo, Secretary, Tourism & Civil Aviation Department, Smt. C.C. Wangdi, Secretary, IPR Department, Shri P.K. Rai, SDM, Yangyang, Zilla Panchayat, Panchayat Members, and ladies and gentlemen.

Now, after having listened to your views, suggestions, opinions, comments and observations, it was very interesting to see that the participants were found to have supported and welcomed the project, and they were of the opinion that the passenger ropeway project should come up.

The major thrust of all however was on the safeguard of general environment of the area, employment to the locals, award of contract to the local and safeguard of social, cultural and traditional values of the area. The questions, views, suggestions and opinion presented by the participants were meaningful and appreciable and this shall be reflected in the public hearing report. The promises and commitments made by the Project Developers in response to the suggestions, questions and views expressed were appreciated and accepted by the public who have attended this meeting.

It was nice to see that the Project Developer had assured every possible ways and means in solving the grievances of the general public present. As the Chairman of the public hearing panel, I recommend that the Project Proponent maintain a cordial relationship with all the people of the area and respect their social life, tradition, culture and sentiments.

State Pollution Control Board-Sikkim

  
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Government of Sikkim

Finally I request the Project Authority to sincerely adhere to the commitments of the agreement as envisaged in the Project Report & EMP as per today's proceedings in letter and spirit. Further the points raised and suggested by all present in today's hearing be incorporated in the final EIA & EMP reports for proper safety of the environment and sentiment of the common mass. With these words I thank all the participants for your active participation and meaningful interaction in today's public hearing. The public hearing was successfully conducted.

**Thank You.**

  
Michael ...  
State Pollution Control  
Board, Env. & Forest, Mangaluru  
Government of Kerala

Public Hearing Attendance on - 28/05/2015 at  
Bhaley dhunga Ropeway.

S.No.	Name	Designation/Address	Phone no	Signature
01	Kabwoti Subba	Chairperson, S.P.C.B.		[Signature]
02	C. Zangpo	Secretary - Tourism & rd		[Signature]
03	C.L. Wangdi	Secretary - IFR		[Signature]
04	Thomas Chandry	As. Secy - cum - PCCF		[Signature]
05	Nischal Gantoro	DFO (W) South		[Signature]
06	Sangay Kabji	D.F.O (T) South		[Signature]
07	P. L. P.	SJM - Yangang		[Signature]
08	Lalpa Sherpa	SE Tourism & Civil Aviation Dept -		[Signature]
09	Praveen K. Pradhan	ACE Tourism & Civil Aviation Dept		[Signature]
10	Sangay Kumar Singh	DE Tourism & Civil Aviation Dept		[Signature]
11	Harna K Boyo	ADM, South		[Signature]
12	T. Gyaso	M.S. SPCB.		[Signature]
13	Kumari Thapa	Advisor/commencee		[Signature]
14	Arinasa Yarewa	Publicity Secy (Rangla)		[Signature]
15	K. S. Kasky	P/Secretary		[Signature]
16	D.K. Rai	local Repres		[Signature]
17	Bede man Chaudry	Rangla		[Signature]
18	Arbeking Chetri	Upper Mustang		[Signature]
19	TSETEN DORJEE	CAO, TOURISM DEPT		[Signature]
20	Kampa haron	KE Bhaleydhunga (Kum)		[Signature]
21	bachu Rai	Yangang Sansok		[Signature]
22	Ram maya lung	Yangang (Saram)		[Signature]
23	Tularam	Upper Mustang		[Signature]
24	Naw Raj Gurung	Josethana		[Signature]
25	Bikram Basmal	Forum Candidate (SOM), Yangang		[Signature]
26	Atshering choden bluba	V.O, Yangang		[Signature]
27	Anita Bai	Dy Dir Tourism		[Signature]
28	Kalpana Lama	A.E (Bhaleydhunga) Ganglote		[Signature]
29	Jenari	Upper Yangang		[Signature]
30	Laden Ishukia	Upper Yangang		[Signature]
31	Shanki chetri	upper yangang		[Signature]
32	Christine Singh	- do -		[Signature]
33	Karna D. Bhutia	At Power, Rangla		[Signature]
34	Sator Oagda Bhutia	ACE (Territorial) Rangla, forest		[Signature]
35	Kamal Subba	As. P. W.C. Rangla		[Signature]

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Sl. No.	Name	Designation / Address	Phone No.	Signature
36	Shreeja Gung	Yangang Bazar		Shreeja
37	Mangya Utkar	Yangang Bazar		Mangya
38	Poojya Kanchuk Gyalken	L/Rangang		Poojya
39				
40	श्रीधर रवि शर्मा	Narayana U/Yangang		
41	Prashant Rai	SI Rangla PS		Prashant
42	N. Suresh	Pathing		Suresh
43	Ram Chandra Rai	L/Bomun		Ram
44	Suraj Rai	Namjok		Suraj
45	M. C. Chh.	Public		M. C. Chh.
46	R. O. Chh.	Public		R. O. Chh.
47	Deependra Basal			Deependra
48	Kesava Pi	AK Satra		Kesava
49	Dil Kumar Khetri	Lower Rangang		Dil Kumar
50	Sukumar Limboo	L/Rangang		Sukumar
51	Hasta Bdr Chhukri	L/Rangang		Hasta
52	Suman Gyatro Gyalken	U/Rangang		Suman
53	Kuch Narayan Samal	U/Yangang		Kuch Narayan
54	Dhan Kori Rai	U/Yangang		Dhan Kori
55	Nanda Maya Thapa	"		Nanda Maya
56	Purna Bar Rai	U/Rangang		Purna Bar
57	Dharm Gung	U/Yangang		Dharm
58	Anu Kumar Gung	U/Rangang		Anu Kumar
59	P. T. Bhulia	U/Rangang		P. T. Bhulia
60	S. Doshel Bhulia	U/Yangang		S. Doshel
61	Tek Bdr. Kani	" "		Tek Bdr.
62	Naren Gudung	U/Rangang		Naren
63	Kul Bdr. Limboo	Gangang		Kul Bdr.
64	Nan Rupa Miswakama	Gangang		Nan Rupa
65	Milan Sharma	mangli		Milan
66	Anu Shij Rai	Samson		Anu Shij
67	श्रीधर रवि शर्मा			श्रीधर रवि शर्मा
68	Danhar Limboo	L/Naya		Danhar
69	Ratna Kum Gung	Pathing		Ratna Kum
70	Lajesh Kumar			Lajesh

Signature  
 Date: 28/05/2015  
 28/05/2015  
 28/05/2015






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Signature  
 Date: 28/05/2015  
 28/05/2015

S.No	Name	Address	Phone Nos	Signature
1	Jawa Ma Jamar	4/ Sri patam		
2	Komal Ma Rao	Yangang		
3	Bhim Baladeve			
4	रामा अष्टाक्षर गुरुंग	4/ Yangang		
5	Rakhi Lal Chhonray	1/ Rangang		
6	P.S. Das	1/ Deang		
7	ADAI	Deang		
8	Surendra Chelli	Ravangla		
9	गुरु अष्टाक्षर गुरुंग			
10	Bakhat ko Durganti	1/ Gagyang		
(11)	Roha 2	"		
12	Chal Maya Gung	1/ Gagyang		
13	Chal Chetri	2/ Rangang		
14	Tuli Maya Gung	1/ Rangang		
15	Dali Maya Gung	1/ Rangang		
16	Kalila Gung	Ravangla		
17	Nileera	1/ Yangang		
18	Manji Gung	Ravangla		
19	Laxman Paniya	1/ Yangang		
20	अष्टाक्षर गुरुंग			
21	Nir Kumar Eji Gung	RTS. 5115. Gargoy Akole		
22	Jeet Lal Gung	4/ Yangang		
	L. B. Gung	Pathing		
24	Arijun Ramas	Yangang		
24.	Kusho Ramudamu	Yangang		
25	S.R. Rai	Maughok		
26	D.B. Gung	Pathing		
27	Ram Jumar Gung	Pathing		
28	R. Doshi	Yangang		
29	Teingtab Bhutia	Salomhang		
30	Dorjee Lal Bhutia	Yangang		
31	Hissay Angmu Bhutia	Yangang		
32	Zochen Sonra Bhutia	Salomhang		
33	Meera Devi Borad	Pathing		
34	Leela Kumari Rai P/President	Y/R/4P4-06		

35	Manoj Rai (Hanchayat)	upper Gagyong	Rai
36	Gopi Das Rokhml	menglee	
37	Monica Lepcha	L/ Gagyong	
38	मना सुन्दर राय		
39	Hama Bto Kee	L/ Gagyong	
40	Bikash Akhrel,	Menglee, NBO picnic club,	
41	Deepak Bhattachai	Yangang Bazaar	
42	सुनील कुमार झा	गुवाहाटी	
43	जोशिता बोस चौधुरी	U/ Yangang	
44	Kishor Gummy	M/ Kolthang	
45	B. B. Karli		
46	Tej Bto G...		
47	Rupshun Milk Bhanda...	U/ Rangang (Maulist)	
48	राजेश कुमार झा	U/ Rayan.	
49	Kamala pati sharma	Lower Rangang	
50	Lendup Jomee Akhio	U/ Rangang	
51	Padam Bto Gung	Yangang Pathing	
52	Gopal Randa...	Yangang	
	N D Ulen	Sonykhiee	
53	Hem to Gung	Gagyong yangang	
54	Amber Singh Basnet	L/ Gagyong	
55	Gour Pd Basnet	Namphoe menglee	
	সুনীল কুমার জা		
	সুনীল কুমার জা		
56	F. B. Blandari	Yangang	
57	Karna p. Nanka	U/ Rangang	
58	Satomi Bhardwan	BAC yangang	
59	C. L. Gung.	Zillabandari Gung.	
60	Lalit Adhikari	Noya	
61	Ajapan Subba	Noya	
62	Prem pral Kland	Noya	
63	শুনীল কুমার জা	Noya	

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65	B. B. Swain.		
66	Dhan Raj + ...	41 NF Gen.	
68	Rakha Rai.	U/ Naya	
(69)	Ganga Maya Gargi.	L. G. Gangani.	
(20)	Sancha Maya Rai	UP. Raigan EPSing Busty	
	गिरि हाराई	U/ Gargang.	

  
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