



Environmental Monitoring Report

Project Number: 40648-023
March 2018

Period: July 2017 – December 2017

IND: Infrastructure Development Investment Program for Tourism - Tranche 1

Submitted by

Project Management Unit, Tourism Development Board, Shimla

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Asian Development Bank

Tourism Development Board

IDIPT-HP (ADB Loan No.2676-IND)

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Nilesh Kumar/VV
Dated: 27.02.2018.

To

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Subject:

**Loan 2676- IND: Infrastructure Development Program for
Tourism, Project 1- Submission of revised Semi- annual
Environmental Monitoring Report (EMR) for the period
July to December, 2017.**

Ref No.:

IDIPT/2676-IND/EMR/2018-5505 dated 15.02.2018

Sir,

Please find enclosed the revised Semi-annual Environmental
Monitoring Report (EMR) for the period July to December, 2017. This is for
your information and approval please.

Yours Sincerely,

[Signature]
**Project Director,
IDIPT-H.P.**

Encl: As Above.



Soft copy recd 27.02.18



ENVIRONMENTAL MONITORING REPORT (Semi- annual)

Loan Number: 2676-IND

Reporting period: July-December 2017



Prepared by : **Government of Himachal Pradesh**
Implementing Agency : **Himachal Pradesh Tourism Development Board, Shimla (PMU)**
Executing Agency : **Department of Tourism and Civil Aviation, Govt. of Himachal Pradesh**

This report is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management or staff and may be preliminary in nature.

ABBREVIATIONS

ADB–Asian Development Bank
BOD–Biological Oxygen Demand
CCMP–Comprehensive Conservation Master Plan
DC–Deputy Commissioner
DP –Development Plan
DSC –Design & Supervision Consultants
EA- Executing Agency
EARF – Environmental Assessment Review Framework
EIA –Environmental Impact Assessment
EMP –Environmental Management Plan
FCA–Forest Conservation Act
GoI –Government of India
GoHP – Government of Himachal Pradesh
HPIPH–Himachal Pradesh Irrigation & Public Health
HPPCB–Himachal Pradesh Pollution Control Board
HPSEB –Himachal Pradesh State Electricity Board
IDIPT–Infrastructure Development Investment Program for Tourism
IEE–Initial environmental examination
MLD–Million Liters per day
MOEF–Ministry of Environment and Forests
MSL–Mean Sea Level

NGO–Non-Governmental Organization
NHAI–National Highways Authority of India
NOC –No Objection Certificate
O &M–Operations & Management
PFR –Periodic Financing Request
PIU –Project Implementation Unit
PMC-Project Management Consultants
PMU–Project Management Unit
REA –Rapid Environmental Assessment
RH –Rest House
RPM–Respirable Particulate Matter
SADA –Special Area Development Authority
SEAC –State Expert Appraisal Committee
SEIAA–State Environment Impact Assessment Authority
SPM–Suspended Particulate Matter
SPS –Safeguards Policy Statement
TCP–Town & Country Planning
TDS –Total Dissolved Solids
TSS–Total Suspended Solids
VFDS –Village Forest Development Society
YSS–Youth Services & Sport

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PART A


1. Introduction




- 1.1 The Infrastructure Development Investment Program for Tourism (IDIPT) envisages environmentally and culturally sustainable and socially inclusive tourism development in the project states of Himachal Pradesh, Punjab, Tamil Nadu and Uttarakhand. The expected impact of the project in the four states is sustainable and inclusive tourism development in priority State tourism sub-circuits divided into marketable cluster destinations that exhibit enhanced protection and management of key natural and cultural heritage tourism sites, improved market connectivity, enhanced destination and site environment and tourist support infrastructure and enhanced capacities for site improvement and sustainable development with extensive participation of the private sector and local communities.
- 1.2 Supporting programs will be established for developing the capacities to promote private sector participation and small businesses to increase the benefits they gain from tourism, and stimulating more active tourism-related economic and livelihood activities. Consultancy will support project implementation and programs for developing the capacities of sector agencies for sustainable management of tourism and related infrastructure and services. Two batches of subprojects are anticipated from each participating state, which the government will then consolidate, if applicable, and forward to ADB in the form of periodic financing requests (PFRs).
- 1.3 The investment program uses a sector approach which requires reparation of an Environmental Assessment Review Framework (EARF) that sets out specific procedures to be followed for subprojects, and for implementation of the project as a whole. The EARF is in accordance with Government of India (the Government) rules and Asian Development Bank ADB) safe guard policies. The EARF reviews the types of subprojects anticipated under the project and summarizes potential environmental impacts. The EARF provides an overview of the regulations of the Government, as well as the states and ADB (as per its Safe guards Policy Statement, 2009 [SPS, 2009]) related to environmental assessment, specifically concerning project environmental classification, review and clearance requirements. Organization for environmental management and responsibilities for project tasks are enumerated within the project team and the respective state Tourism Departments, along with guidance on capacity building needs.
- 1.4 This report is divided into four parts.
- Part A contains the status of compliance for subprojects in accordance with applicable national, state and local environmental legislation. It also contains the compliance status as per the ADB Loan Covenants and status of subproject documentation especially with respect to IEE and EMP and the proposed monitoring mechanism to be followed.
 - Part B contains the factual information on the basis of site visits by the Safeguards Specialist.
 - Part C contains Environmental Closure Report.
 - Part D contains compliance of Corrective action at Tutikandi parking site, Shimla.



2. Compliance status with National / State /Local statutory requirements is as follows:

Sr. No.	Name of project	Stipulations	Compliance Status			Remark/ Remedial Actions	Status
			Complied	Partially complied	Not complied		
1	Naina Devi sub project proposal						
1.1	Circular Road – 1000 m x 3.75 m):	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015)					
1.2	Car parking and other amenities	Work completed. The project handed over to Temple Trust, Naina Devi. Environmental Closure Report is attached with this EMR (July to December, 2017) and QPR (October to December, 2017)					
2	Chintpurni area sub project proposal						
2	Integrated parking, interpretation Centre, toilets & other visitor amenities and Rest sheds, toilet facilities and view points along road from TRC to temple at Chintpurni	Works are completed and assets created are handed over to Temple Trust, Chintpurni. Environmental Closure report will be submitted in next EMR and QPR (January to March 2018) Consent to Establish for Sewerage Treatment Plan (STP) is obtained is attached as Annexure 1 Consent to Operate is applied and fee submitted by Temple Trust, Chintpurni (Copy attached as Annexure 2.)					
3	Pong dam area subproject proposal						
3.1	Information Centre at Pong Dam	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015)					
3.2	Parking and toilet facilities at Pong Dam	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015)					
3.3	Camping facilities, with provisions for 10 tents, including toilets etc at Pong Dam	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015)					

Sr. No.	Name of project	Stipulations	Compliance Status			Remark/ Remedial Actions	Status
			Complied	Partially complied	Not complied		
3.4	Jetty development at Pong Dam	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015)					
3.5	Landscaping and signage and Allied Civil and Electrical Works near Pong Dam	Work completed and Environmental Closure Report submitted with EMR (January to June, 2017)					
4	Ranser island and Karu island improvement subproject proposal						
4.1	Redevelopment of Forest rest house- Ranser Island	Work completed and Environmental Closure Report submitted with EMR (January to June, 2017)					
4.2	Jetty development, Ranser and Karu Island	Work completed and Environmental Closure Report submitted with EMR (January to June, 2017)					
4.3	Treks around the Ranser and Karu island - 4km	Work completed and Environmental Closure Report submitted with EMR (January to June, 2017)					
4.4	Landscaping, planting along the peripheral trail and directional signage at Ranser and Karu Island.	Work completed and Environmental Closure Report submitted with EMR (January to June, 2017)					
4.5	Watch towers for bird watching in Karu island	Work completed and Environmental Closure Report submitted with EMR (January to June, 2017)					
5	Forest rest houses & camping sites of VFDS subproject proposal						
5.1 A	Camping sites development at Nagrota Suriyan	Work completed and Environmental Closure Report submitted with EMR (January to June, 2017)					
5.1 B	Forest rest house -	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015).					

Sr. No.	Name of project	Stipulations	Compliance Status			Remark/ Remedial Actions	Status
			Complied	Partially complied	Not complied		
	improvement and camping sites development at Dhameta						
6	Community based tourism activities subproject proposal						
6.1	Community based tourism activities in villages, including skill development, training, etc.	Statutory approval for coordinated planning & imparting skills training may be required from the Regional Water Sports Centre, GoHP at Pong Dam & Department of Forests & Wildlife, HP at later stages of the project development.				As & when required	a) CBT 2 & 5 completed. b) CBT 6- Final bill not received. Field work completed. An awareness manual on Solid Waste Management has been in Hindi and English by CBT-06. c) CBT 3 & CBT 4 under progress. d) Trainings organized by CBT 3 & CBT 4 clusters on Clean Street/ Clean Village Competition and Mass awareness campaign & Cleanliness through Schools & Colleges. 
8	Kangra Town subproject proposal						
8.1	Parking for 100 vehicles at Brajeshwari temple, Kangra	Work completed and Environmental Closure Report submitted with EMR (July to December, 2015)					
9	Shimla subproject proposal						
9.1 A	Shimla Mall Road restoration project + Lift	Statutory approval from Municipal Corporation Shimla.	✓			Obtained vide MCS/Xen/ 5436/ MU/13-106 dated 13 th January, 2014 (copy attached as Annexure 3)	a) Work awarded and agreement signed on 24 th June, 2014. Work of Mall Road completed and works of Lift at Mall Road is under progress with completion date as 20 th January, 2018 b) IEE/EMP is part of agreement
		Statutory approval from Municipal Corporation Shimla for new lift.	✓			Obtained vide Na0 Ni0 Shi0/Sa0 Sha0/ 2016-1636 dated 9 th September, 2016 (copy attached as Annexure 4)	

Sr. No.	Name of project	Stipulations	Compliance Status			Remark/ Remedial Actions	Status
			Complied	Partially complied	Not complied		
		NOC for private land (18 sqm)	✓			Obtained NOC from Bhagwanti Oberoi Charitable Trust (copy attached as Annexure 5a) Obtained Gift Deed (copy attached as Annexure 5b) Obtained Third party validation (copy attached as Annexure 5c)	 <p>Work under progress at Lift</p>
		NoC of HPPWD, HP for construction of lift	✓			Obtained vide letter no. PW-SD-1-WA-NOC/16-17-10399-401 dated 16 th August, 16 (copy attached as Annexure 6)	
9.1 B	Shimla Rehabilitation of town hall	Statutory approval from Heritage & Municipal Corporation Shimla	✓			Obtained vide Commissioner's Order No. 183 (AP) dated 13 th May, 2014 (copy attached as Annexure 7)	<p>a) Contract signed on 11th September, 2014. Date for completion of work is scheduled to 31st January, 2018</p> <p>b) IEE/EMP is part of agreement</p> <p>c) Work is in progress.</p> <div>   <p>(L) Fire detection sytem & sprinkler system and (R) Barricading done with signages</p> </div>
10	Tutikandi Multistorey Parking Facility	NoC from H.P. State Pollution Control Board	✓			Obtained vide letter no. HPSCB/Misc. Consent, R.O. Shimla/14-8971-73 dated 7 th August, 2014 (copy attached as Annexure 8)	<p>a) Contract awarded on 6th April 2015. The completion date is 15th May, 2018.</p> <p>b) IEE prepared/updated and is part of agreement.</p> <p>c) Work is in progress</p>
		NoC from Ministry of Forest	✓			Obtained vide letter no. 9-HPB 830/2011-CHA/378	

Sr. No.	Name of project	Stipulations	Compliance Status			Remark/ Remedial Actions	Status
			Complied	Partially complied	Not complied		
						dated 1 st October, 2014 (attached as per Annexure 9)	 <p><i>Work in progress</i></p>  <p><i>Shotcreting done for protection of National Highway</i></p>
		EC form HPSEIAA	✓			Obtained vide F. No. HPSEIAA/2016/IDIPT-HP-1731 dated 25 June, 2016 (attached as per Annexure 10)	

3. Compliance status with the environmental covenants as stipulated in the Loan Agreement**3.1 SCHEDULE 5, Loan Covenant 1**

3.1.1 The subprojects under taken as part of the project meet the selection criteria set out in Schedule 4 to the FFA.

3.2 SCHEDULE 5, Loan Covenant 3 (ii)

3.2.1 The subproject IEEs and EMPs are being implemented in nearly/fully in accordance with their terms.

3.2.2 The Contractors & the Field Staff of PIU/DSC is aware of their responsibilities during construction/implementation of subprojects towards the following: (a) environmental parameters to be monitored (b) occupational health & safety and (iii) material handling & storage. The task of environmental testing for various sites required co-ordination between many groups/units earlier, hence it has been delayed. However, the testing reports for all packages are in place. Capacity Building is one of the main tasks of the Consultants, Safeguard orientation workshops for PMU/PIU/DSC/PMC has been done to follow stipulated guidelines/EMPs and has made a positive impact. The site situation with respect to implementation of safeguards is nearly/fully complied now and with sustained efforts of the entire teams of PMU/PIC/DSC/PMC/Contractor it being maintained satisfactorily. Three workshops for IHM students have also been done for environmental conservation in hotel industry. Environmental trainings on organic farming, solid waste management & cleanliness have been done under CBT.

3.2.3 The reasons for better compliance now are: (a) the prepared (IEEs & EMPs) documents are being read and interpreted properly (b) field staff for day-to-day monitoring and supervision has been placed. (c) PMC and DSC Safeguards Specialist held onsite training/interaction with the Contractors and other field staff members available on site and have enthusiastically understood roles and responsibilities at all levels & mechanism safeguards to adhere at site. (d) Organized workshops on safeguards for PMU/PIU/contractors have given clarity in implementation. During workshops/orientation training at site done till date and the detailed discussions with the Contractors & their representatives to inform them of their Contractual obligations and take steps to remedy the shortcomings in project execution on top priority especially with respect to the Environmental aspects which resulted in positive action. Now implementation of EMP is being fully complied.

3.3 SCHEDULE 5, Loan Covenant 3 (iv)

3.3.1 A revised IEE/EMP for subproject 1.1/2.1 was done as required and submitted to ADB.

3.4 SCHEDULE 5, Loan Covenant 3 (vii)

3.4.1 Quarterly reporting to PMU by DSC on the implementation of the IEEs and EMPs was started from the second quarter of 2013. The first annual

report was submitted by PMC/PMU to the ADB for the period January to December 2013 based on the quarterly field visits to the subprojects by DSC & PMC Safeguards Specialists. The first Environmental Monitoring Report (EMR, Jan to Mar, 2014) was submitted to ADB and later it has been decided to submit the semiannual EMR.

4. Compliance status with the environmental management and monitoring plans and environmental assessment and review framework/procedures, as stipulated in the environmental documentation as agreed with ADB.

4.1 A consolidated IEE and EMP were prepared for the project dated July, 2010 that outlined the identification of overall environmental impacts and corresponding mitigation measures for envisaged subprojects. Thereafter, individual IEEs and EMPs have been prepared for each of the packages and submitted to ADB for approval. Over the course of time, since PMC took over at Shimla (January 2012) all IEEs and EMPs have been prepared afresh/updated, There are 19 civil packages (package 2.2 have been merged with package 2.1) and one community based activity package under Tranche-1.

4.2 The sub-project list is as follows:

S.N.	Name of sub-project	Compliance Status for Environmental Documentation of ADB
1	Naina Devi	
1.1	Circular Road–1 Km long	Complied (Environmental Closure Report submitted)
1.2	Car parking and other amenities	Complied (Completed)
2	Chintpurni	
2.1	Integrated parking, interpretation Centre, toilets & other visitor amenities	Complied. Projects completed and handed over to Temple Trust Chintpurni (Environmental Closure Report will be submitted in next EMR)
2.2	Rest sheds, toilet facilities & view points along road from TRC to temple at Chintpurni	
3	Pong Dam	
3.1	Information Centre at Pong Dam	Complied (Environmental Closure Report submitted)
3.2	Parking and toilet facilities	Complied (Environmental Closure Report submitted)
3.3	Camping facilities, with provisions for 10 tents, including toilets etc.	Complied (Environmental Closure Report submitted)
3.4	Jetty development	Complied (Environmental Closure Report submitted)
3.5	Landscaping & Signage	Complied (Environmental Closure Report enclosed)
4	Ranser & Karu Island Improvements	
4.1	Redevelopment of Forest rest house- Ranser island	Complied (Environmental Closure Report enclosed)
4.2	Jetty development, Ranser and Karu Island	Complied (Environmental Closure Report enclosed)

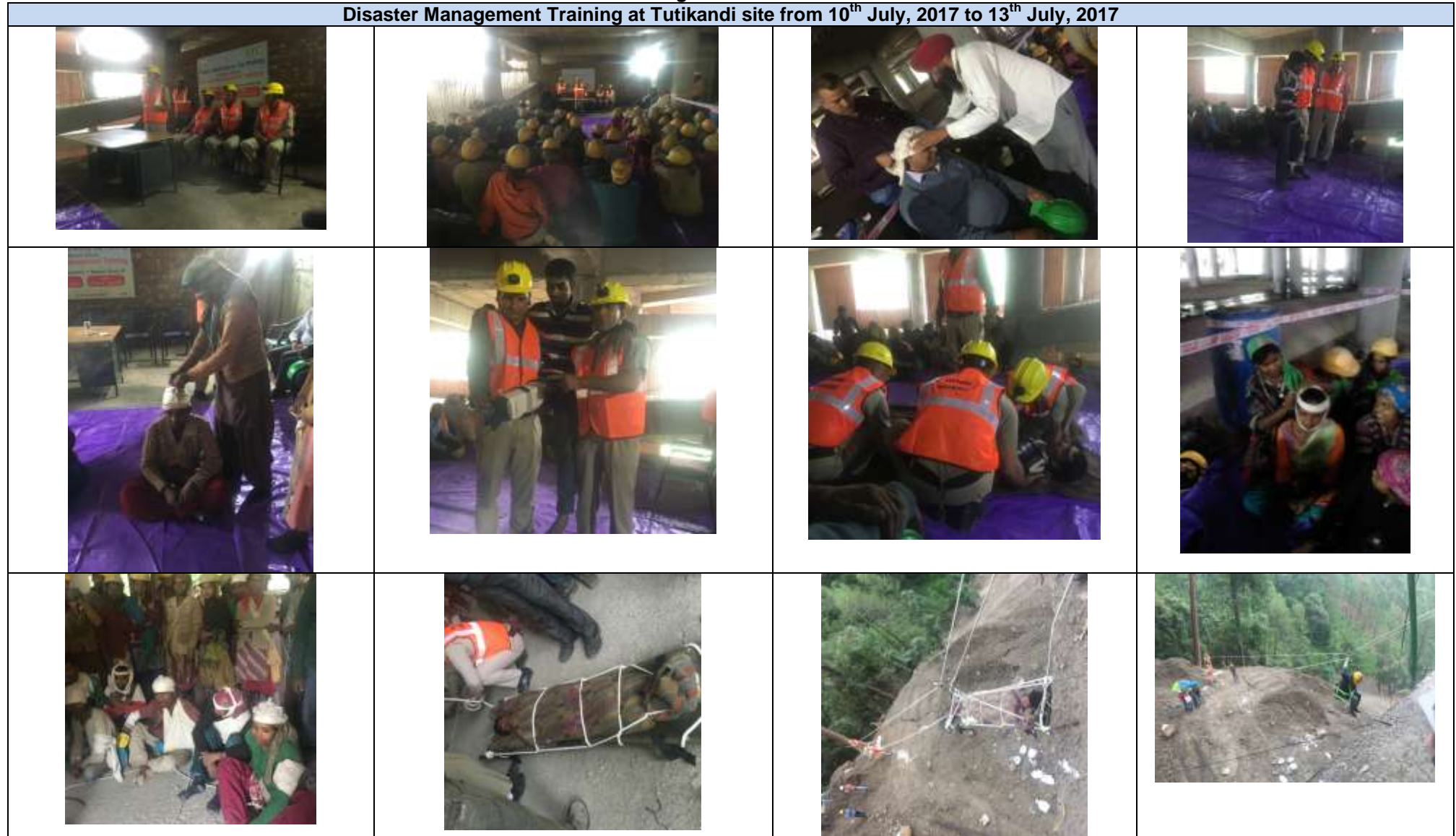
S.N.	Name of sub-project	Compliance Status for Environmental Documentation of ADB
4.3	Treks around the island -4km	Complied (Environmental Closure Report enclosed)
4.4	Landscaping, planting along the peripheral trail and directional signage	Complied (Environmental Closure Report enclosed)
4.5	Watchtowers for bird watching in Karu Island	Complied (Environmental Closure Report enclosed)
5	Forest Rest Houses & Camping Sites for VFDS	
5.1 A	Forest rest house- improvement and camping sites development at Nagrota	Complied (Environmental Closure Report enclosed)
5.1 B	Forest rest house- improvement and camping sites development at Dhameta	Complied (Environmental Closure Report submitted)
6	Community Based Tourism	
6.1	Community based tourism activities in villages, including skill development, training, etc.	CBT-03 and CBT-04 are in full swing and environmental concerns are being addressed through trainings/ street plays/ paintings etc.
8	Kangra	
8.1	Parking for 100 vehicles at Bajreshwari temple, Kangra	Complied (Environmental Closure Report submitted)
9	Shimla	
9.1A	Rehabilitation of Shimla Town Hall	IEE/EMP is a part of Contract agreement and is being complied. Work under progress
9.1B	Shimla Mall Road Restoration Project	
10.	Tutikandi Multistorey Parking Facility	IEE/EMP is a part of Contract agreement and is being complied. Work is under progress

PHOTO GALLERY

(Workshops/Trainings/Health Camps organized by the Contractor)

Trainings at Tutikandi site

Disaster Management Training at Tutikandi site from 10th July, 2017 to 13th July, 2017



<p>Medical treatment or preventive medicine for children at Tutikandi on 12th August, 2017</p>	<p>Scaffolding and Electrical Training for Staff at Tutikandi on 15th September, 2017</p>
<p>Vishwakarma Pujan Celebrations at Tutikandi site on 17th September, 2017</p>	<p>Sanitary and Hygiene Training at Tutikandi site on 14th October, 2017</p>



Health Awareness Programme at Tutikandi site on 21 st October, 2017		Distribution of Preventive Medicine For Child at Tutikandi site on 30 th November, 2017	
			
Legal Consciousness and Social awareness programme at Tutikandi site on 2 nd November, 2017			
			
Training at Town Hall site			
Awareness Fire Protection & Prevention on 24 th August, 2017	Awareness on PPEs on 7 th September, 2017	Orientation for Construction Safety and AIDS awareness at Town Hall 22 nd December, 2017	
			

PHOTO GALLERY

(Workshops/Trainings/ organized by PMU/PIU/DSC)

Disaster Management Training at U.S. Club Shimla on 14th July, 2017



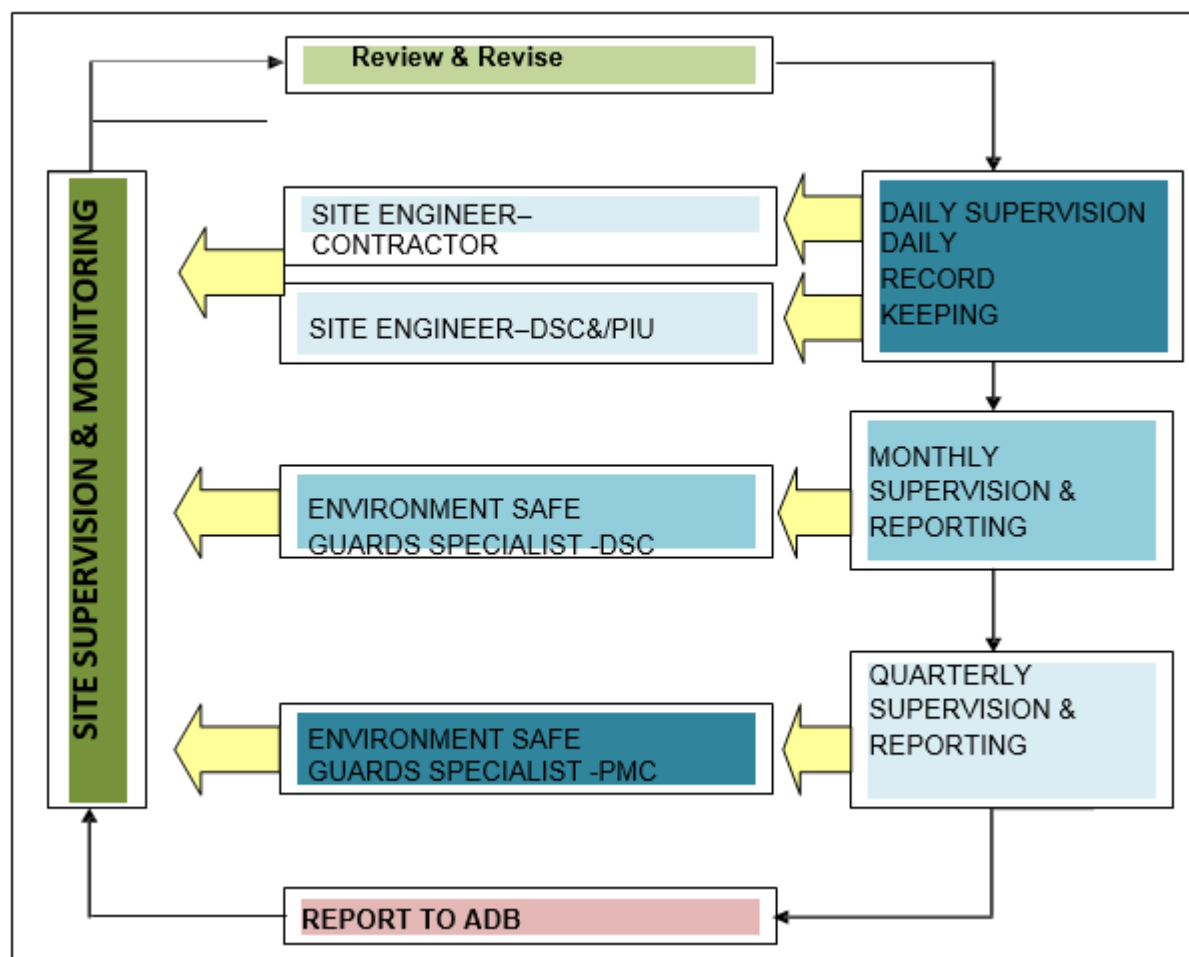
Capacity Building of IDIPT-HP staff on Microsoft Excel on 30th Novevember, 2017



Orientation on HIV & AIDS Awareness on 20th December, 2017

5. Approach and methodology for environmental monitoring of the project

Table 1: SCHEMATIC DIAGRAM OF THE PROPOSED MONITORING MECHANISM



6. Follow-up actions and conclusions

- 6.1 A regular and meaningful monitoring mechanism has been established as mentioned in Table 1 and Final Monitoring Mechanism decided for the project is attached as **Annexure 11**. The details and job responsibilities are clearly stipulated in the EARF and there is a strong need for transforming these stipulations into actions so that environmental monitoring can lead to preventive measures rather than curative and now actions are in place. The sites are being visited regularly by the Safeguards' Specialists since, July 2013.
- 6.2 The field staff such as the site engineers/support engineers and the respective Contractors on site have been advised and oriented time to time on maintaining a constant vigil in respect of all environmental parameters to be monitored and adherence to record keeping on site. The day today site supervision is being strengthened regularly.

Part B

7. Environmental Monitoring Status Chart (Ref. IEE/EARF July 2010)

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
Package 1.1: Circular Road at Naina Devi	O & M impacts	1.Environmental conditions	Line agency (Temple Trust Naina Devi)	1. Environmental condition has been restored.	Work Completed Overall EMP implementation status is satisfactory. Environment closure report submitted.
		2.Uncontrolled tourism		2. Yet not arise	
		3. Adequate drainage		3. Yes	
		4. Road safety		4. Proper provisions made	
Package 1.2: Car parking and other amenities at Naina Devi	O & M impacts	1.Environmental conditions	PMU, Contractor, DSC & Line Agency (Temple Trust Naina Devi)	1. Environmental conditions restored at earlier stage.	Work Completed. Defects are being rectified. (Environment closure report is attached in this EMR (July to December, 2017) and QPR of October to December, 2017)
		2.Uncontrolled tourism		2. Yet not arise	
		3. Adequate drainage		3. Yes	
		4. Road safety		4. Proper provisions made	
Package 2.1: Integrated parking, interpretation Centre, toilets & other visitor amenities at Chintpurni	O & M impacts	1. Environmental conditions 2..Uncontrolled tourism 3. Adequate drainage 4. Road safety	PMU, Contractor, DSC & Line Agency (Temple Trust Chintpurni)	1. Environmental condition restored at earlier stage. 2. Yet not arise 3. Yes 4. Proper provisions made	Work Completed. And handed over to temple Trust, Chintpurni. (Environment closure report will be submitted in next QPR (January to March, 2017) and EMR (January to June, 2017)

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
Package 2.2: Rest sheds, toilet facilities and view points along road from TRC to temple at Chintpurni	O & M impacts	1.Environmental conditions	Line Agency (Temple Trust Chintpurni)	1. Environmental condition has been restored	Work Completed Project merged with package no. 2.1 and Environment closure report will be submitted in next QPR (January to March, 2017) and EMR (January to June, 2017)
		2.Uncontrolled tourism		2. Asset owner will plan to manage it	
		3. Adequate drainage		-do-	
		4. Road safety		-do-	
Package 3.1: Information Centre at Pong Dam	O & M impacts	1. Environmental conditions	Line Agency (HPTDC)	1. Environmental condition has been restored.	Work Completed Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (July to December, 2015).
		2. Uncontrolled tourism development		2. Asset owner will plan to manage it	
		3. Mgt of toilet blocks		3. Handed over to asset owner (HPTDC).	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
Package 3.2: Parking and toilet facilities at Pong Dam	O & M impacts	1. Environmental conditions	Line Agency (HPTDC)	1. Environmental condition has been restored.	Work Completed Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (July to December, 2015).
		2. Uncontrolled tourism development		2. Asset owner will plan to manage it	
		3. Mgt of toilet blocks		3. Handed over to asset owner (HPTDC).	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
Package 3.3: Camping facilities, with provisions for 10	O & M impacts	1. Environmental conditions	Line Agency (HPTDC)	1. Environmental condition has been restored.	Work Completed Overall EMP
		2. Uncontrolled tourism		2. Asset owner will plan to manage it	

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
tents, including toilets at Pong Dam		development			implementation status is satisfactory. Environment closure report submitted with EMR (July to December, 2015).
		3. Mgt of toilet blocks		3. Handed over to asset owner (HPTDC).	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
Package 3.4: Jetty development at Pong Dam	O & M impacts	1. Environmental conditions	Line Agency (Regional Water Sports Centre, Pong Dam Department)	1. Environmental condition has been restored.	Work Completed Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (July to December, 2015)
		2. Uncontrolled tourism development		2. Not yet	
		3. Mgt of toilet blocks		3. Not Applicable	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner (Regional Water Sports Centre, Pong Dam Department) will plan to manage it.	
Package 3.5: Landscaping and signage at Pong Dam	O & M impacts	1. Environmental conditions	Line Agency (HPTDC)	1. Environmental condition has been restored.	Work Completed Overall EMP implementation status is satisfactory. Environment closure report submitted with last EMR (July to December, 2015)
		2. Uncontrolled tourism development		2. Asset owner will plan to manage it	
		3. Mgt of toilet blocks		3. Handed over to asset owner (HPTDC).	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
Package 4.1: Redevelopment of Forest rest house-Ranser island	O & M impacts	1. Environmental conditions	Line Agency (Wildlife Department)	1. Environmental condition has been restored.	Work Completed Overall EMP implementation status is satisfactory. Environment closure report
		2. Uncontrolled tourism development		2. Not yet	
		3. Mgt of toilet blocks		3. Yet to be handed over to asset owner (Wildlife Department).	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	submitted with last EMR with EMR (January to June, 2017).
Package 4.2: Jetty development, Ranser and Karu Island	O & M impacts	1. Environmental conditions	Line Agency (Wildlife Department)	1. Environmental condition has been restored.	Work Completed Overall EMP implementation status is satisfactory. Environment closure report submitted with last EMR (January to June, 2017).
		2. Uncontrolled tourism development		2. Not yet	
		3. Mgt of toilet blocks		3. Not Applicable	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
Package 4.3: Treks around the island - 4km	O & M impacts	1. Environmental conditions	PMU & Line Agency (Wildlife Department)	1. Environmental condition has been restored.	Work Completed Overall EMP implementation status is satisfactory. Environment closure report submitted with last EMR (January to June, 2017).
		2. Uncontrolled tourism development		2. Not yet	
		3. Mgt of toilet blocks		3. Yet to be hand over to asset owner.	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility.		7. Asset owner will plan to manage it	
Package 4.4: Landscaping, planting along the peripheral trails and signage	O & M impacts	1. Environmental conditions	Line Agency (Wildlife Department)	1. Environmental condition has been restored.	Work Completed Overall EMP implementation status is satisfactory. Environment closure report submitted with last EMR (January to June, 2017).
		2. Uncontrolled tourism development		2. Not yet	
		3. Mgt of toilet blocks		3. Not Applicable	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
Package 4.5: Watch towers for bird watching in Karu island	O & M impacts	1. Environmental conditions	Line Agency (Wildlife Department)	1. Environmental condition has been restored.	Work Completed Overall EMP implementation status is satisfactory. Environment closure report submitted with last EMR (January to June, 2017).
		2. Uncontrolled tourism development		2. Not yet	
		3. Mgt of toilet blocks		3. Not Applicable	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
Package 5.1 A: Forest rest house - improvement and camping sites at Nagrota Suriyan	O & M impacts	1.Environmental conditions	Line Agency (H.P.T.D.C Department)	1. Environmental condition has been restored.	Work Completed Overall EMP implementation status is satisfactory. Environment closure report submitted with last EMR (January to June, 2017).
		2.Uncontrolled tourism Development		2. Not yet	
		3. Adequate drainage on site		3. Yet to be handover to asset owner.	
		4. Road safety		4. Yes	
		5. Hygiene & sanitation		5. Good	
Package 5.1 B: Forest Rest House-improvement and camping site at Dhameta	O & M impacts	1. Environmental conditions	Line Agency (H.P.T.D.C Department)	1. Environmental condition has been restored.	Work Completed Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (July to December, 2015).
		2. Uncontrolled tourism development		2. Not yet	
		3. Mgt of toilet blocks		3. Yet to be handover to asset owner.	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will plan to manage it	
Package 6.1: Community based tourism activities in villages, including skill development,	Five CBT projects named CBT-02 (Dhameta), CBT-03 (Pragpur), CBT-04 (Chintpurni), CBT-05 (Naina Devi) and CBT-06 (Shimla) awarded. Final bill is in process in CBT 2, CBT 5 completed, CBT 6 is almost completed. Trainings organized by CBT 3 & CBT 4 clusters on Clean Street/ Clean Village Competition and Mass awareness campaign & Cleanliness through Schools & Colleges.				

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
training, etc.	Environmental concerns are inbuilt part of these subprojects and one of the key expected outcome is “Improved basic urban infrastructure and incidental services (such as public toilets, street signage, and lighting) at existing and emerging tourist destinations and gateways” and “Enhanced quality of natural and cultural tourist attractions to ensure convenience and safety for visitors.				
Package 8.1: Parking for 100 vehicles at Bajreshwari temple, Kangra.	O & M impacts	1. Environmental conditions	Line agency (Temple Trust)	1. Environmental conditions restored and handed over to the asset owner (Temple Trust).	Work Completed Overall EMP implementation status is satisfactory. Environment closure report submitted with EMR (July to December, 2015).
		2. Uncontrolled tourism development		2. Asset owner will monitor it.	
		3. Mgt of toilet blocks		3. Asset owner will manage it.	
		4. Adequate drainage on site		4. Yes	
		5. Hygiene & sanitation		5. Good	
		6. Increased waste loads on the existing facility		6. Asset owner will manage it.	
Package 9.1A: Shimla Mall Road Restoration Project	Location impacts	1. Long term planning to ensure sustainability	PMU & Line Agency (M.C. Shimla)	<ul style="list-style-type: none"> Public Toilets are located near the sites and are being used by Labourer's. Provision of litter bags for waste management done by the Contractor. HPPCB Ambient air monitoring results of Ridge is being used and results are within the permissible limit. 	
		2. Impacts on archaeological remains, if any.		2. None.	
		3. Other		3. The scattered site locations are already used by tourists. Therefore, safety precautions have been considered more.	
	Design & pre-construction impacts	1. Impact on sensitive areas	DSC & Contractor	1. The most critical issues impacting the sensitivity of the area is related to drainage and disposal of waste materials. These have been appropriately dealt in the design proposal.	
		2. Slope stability related issues		2. None as this is flat land.	
		3. Increased storm water run off		3. All storm water channelized and connected to M.C. sewer.	
		4. Impact on ground water quality		4. No impact on ground water quality is envisaged.	
		5. Impact on aesthetic appeal		5. Local architectural features in the facade and	

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
				roof design have been incorporated for traditional aesthetics.	
		6. Integration of energy conservation		6. Energy efficient LED fixtures have been fixed.	
		7. Construction camps		7. No labour camp has been established on site.	
		8. Circulation plan during construction		8. Alternative circulation plan for road work prepared by DSC in consultation with the Line Agency & proper information displayed during execution of road work.	
		9. Site clearance activities		9. Not yet due.	
		10. Drinking water availability		10. Drinking water is provided from the Municipal supply.	
		11. Identification of disposal sites		11. Due permission for disposal sites given by the MC, Shimla	
		12. Waste mgt on site		12. Litter collected in bins and disposed in the M.C. dumper nearby.	
	Construction impacts	1. Improper stockpiling	Contractor	1. The limited material is properly brought in and stored and used on site as per the instructions given by the site engineers.	
		2. Quarry/ Borrow pit operations		2. Not applicable.	
		3. Stripping, stocking & preservation of top soil		3. Not applicable.	
		4. Soil & water pollution due to fuel		4. None observed.	
		5. Siltation of water bodies		5. Not applicable.	
		6. Generation of dust		6. No dust generation seen at site.	
		7. Emission from const ⁿ vehicles		7. Marginal emissions for very short durations occur. Occasional water sprinkling is carried out as required.	
		8. Noise from const ⁿ equipment		8. Ambient Noise testing carried out by HPPCB is being used.	
		9. Material handling		9. Material handling is safe and proper and regularly checked by field staff.	
		10. Disposal of const ⁿ waste/debris		10. Most of it is recycled on site. Minor items disposed off to scrap vendors or disposed as per MC permission.	
		11. Safety measures		11. Safety measures being adhered to - First Aid Kit, Fire Safety equipment and personal protection	

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
		12. Risks force majeure		equipment are being used and other norms laid out in the EMP generally followed.	
		13. Malaria risk		12. None yet.	
		14. Clearing of const ⁿ camps		13. No incident reported from site.	
				14. Not yet due.	
	O & M impacts	1. Environmental conditions	Line agency	Not yet due.	
		2. Uncontrolled tourism development		-do-	
		3. Mgt of toilet blocks		-do-	
		4. Adequate drainage on site		-do-	
		5. Hygiene & sanitation		-do-	
		6. Increased waste loads on the existing facility.		-do-	
Package 9.1B: Rehabilitation of Shimla Town Hall	Location impacts	1. Long term planning to ensure sustainability	PMU, Contractor, DSC & Line Agency (M.C. Shimla)	<ul style="list-style-type: none"> Toilet on site is available for workers and public toilets are located adjacent to the site Provision of litter bags for waste management done by the Contractor. HPPCB ambient air monitoring results of ridge being used and results are within permissible limit. Safety precaution made by the contractor. 	
		2. Impacts on archaeological remains, if any.		2. None.	
		3. Other		3. Movement of tourists is significant.	
	Design & pre-construction impacts	1. Impact on sensitive areas	DSC & Contractor	1. The most critical issues impacting the sensitivity of the area are related to drainage and disposal of construction debris. These have been appropriately dealt in the design proposal.	
		2. Slope stability related issues		2. None as this is flat land.	
		3. Increased storm water runoff		3. All storm water shall be channelized and connected to M.C. drain on site.	
		4. Impact on ground water quality		4. No impact on ground water quality is envisaged. Proper storage of fuel and lubricants prevents any possible pollution.	
		5. Impact on aesthetic appeal		5. Local architectural features in the facade and roof design have been incorporated for traditional aesthetics.	

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
		6.Integration of energy conservation		6. Energy efficient LED fixtures have been proposed in the design.	
		7. Construction camps		7. Labor has been provided accommodation by contractor.	
		8. Circulation plan during construction		8. Most of works are indoor and do not affect traffic movement. Minor diversions to pedestrian traffic have been done on site. Proper signages have been provided at site.	
		9. Site clearance activities		9. Not yet due.	
		10. Drinking water availability		10. Drinking water is provided from the Municipal supply.	
		11. Identification of disposal sites		11. Disposal sites given by the MC, Shimla.	
		12. Waste mgt on site		12. Litter to be collected in bins and disposed in the M.C. dumper nearby.	
	Construction impacts	1. Improper stockpiling	Contractor	1. The material is properly brought in and safely stored and used on site as per the instructions given by the field engineers.	
		2.Quarry/ Borrow pit operations		2. Not applicable.	
		3.Stripping, stocking & preservation of top soil		3. Not applicable.	
		4. Soil & water pollution due to fuel		4. None observed. Proper storage of fuel as indicated in the EMP shall be followed.	
		5. Siltation of water bodies		5. Not applicable.	
		6. Generation of dust		6. Some amount of dust generation noted while shifting of office garbage/dismantle's. PPEs/closed vehicles used.	
		7. Emission from const ⁿ vehicles		7. Marginal emissions for very short durations occur. Occasional water sprinkling is carried out as required. Environmental tests of Ridge being reviewed regularly.	
		8. Noise from const ⁿ equipment		8. Most of work is indoor. HPPCB ambient monitoring results of ridge being used and results are within permissible limit.	
		9. Material handling		9. Material handling is safe and proper and regularly checked by field staff.	

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
		10. Disposal of const ⁿ waste/debris		10. Waste/debris being disposed off in consultation with local authorities through dumper by municipality.	
		11. Safety measures		11. Safety measures being adhered to - First Aid Kit, Fire Safety equipment and personal protection equipment are being used and other norms laid out in the EMP generally being followed.	
		12. Risks force majeure		12. None yet.	
		13. Malaria risk		13. No incident reported from site.	
		14. Clearing of const ⁿ camps		14. Not yet due.	
	O & M impacts	1. Environmental conditions	Line agency (M.C., Shimla)	Not yet due.	
		2. Uncontrolled tourism development		-do-	
		3. Mgt of toilet blocks		-do-	
		4. Adequate drainage on site		-do-	
		5. Hygiene & sanitation		-do-	
		6. Increased waste loads on the existing facility		-do-	
Tutikandi Multi Storey Parking Facility	Location impacts	1. Long term planning to ensure sustainability	PMU, Contractor, DSC & Line Agency (M.C. Shimla)	<ul style="list-style-type: none"> Environmental Clearance is taken from Ministry of Environment, Forest and Climate Change for the project and conditions stipulated in the EC is being followed Toilet on site is available for workers. Provision of litter bags for waste management done by the Contractor. Regular environmental monitoring is being done as per EC conditions. Safety precaution made by the contractor. Disaster management plan is in place 	
		2. Impacts on archaeological remains, if any.		2. None.	
		3. Other		3. The site is adjacent to National Highway.	
	Design & pre-construction impacts	1. Impact on sensitive areas	DSC & Contractor	1. The most critical issues impacting the sensitivity of the area are related to (i) drainage and (ii) traffic mgt. These have to been appropriately dealt in the design.	

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
		2. Slope stability related issues		2. The site in very steep and appropriate measures being taken	
		3. Increased storm water runoff		3. All storm water shall be channelized	
		4. Impact on ground water quality		4. No impact on ground water quality is envisaged. Testing Proper storage of fuel and lubricants prevents any possible pollution.	
		5. Impact on aesthetic appeal		5. Local architectural features in the facade and roof design have been incorporated for traditional aesthetics.	
		6. Integration of energy conservation		6. Energy efficient LED fixtures have been proposed in the design.	
		7. Construction camps		7. Labour camp is established on site with proper water and sanitation.	
		8. Circulation plan during construction		8. Peak season movement has been consulted with the Line Agency & being followed during execution.	
		9. Site clearance activities		9. Completed.	
		10. Drinking water availability		10. Drinking water is provided	
		11. Identification of disposal sites		11. Muck storage will be within two stories of parking sites and debris will be disposed in sites identified by DSC in consultation with the Line Agency/ local body.	
		12. Waste mgt on site		12. Litter to be collected in bins and disposed in the M.C. dumper nearby.	
	Construction impacts	1. Improper stockpiling	Contractor	1. The material is properly brought in and safely stored and used on site as per the instructions given by the field staff.	
		2.Quarry/ Borrow pit operations		2. Borrow pit operations not applicable.	
		3.Stripping, stocking & preservation of top soil		3. Stripping/ Stocking of top soil to be done on site and used in landscaping area.	
		4. Soil & water pollution due to fuel		4. No significant fuel storage done at site.	
		5. Siltation of water bodies		5. Not applicable as yet.	
		6. Generation of dust		6. no dust problem seen at site.	
		7. Emission from const ⁿ vehicles		7. All vehicles having controlled emission therefore marginal emissions for very short durations occur.	

Name	IEE/EMP Components	Environmental Issues	Responsibility	Overall Status	Remarks
				Ambient air quality testing is done and results are within prescribed limits.	
		8. Noise from const ⁿ equipment		8. Noise testing is carried out and within prescribed limits.	
		9. Material handling		9. Material handling has to be safe and proper and regularly checked by field staff.	
		10. Disposal of const ⁿ waste/debris		10. Not applicable as yet.	
		11. Safety measures		11. Safety measures being adhered to - First Aid Kit, Fire Safety equipment and personal protection equipment are being used and other norms laid out in the EMP generally being followed. Disaster Management Plan in place. Orientation training is regularly being done.	
		12. Risks force majeure		12. None yet.	
		13. Malaria risk		13. No incident reported from site.	
		14. Clearing of const ⁿ camps		14. Not yet due.	
	O & M impacts	1. Environmental conditions	Line agency	Not yet due.	
		2. Uncontrolled tourism development		-do-	
		3. Mgt of toilet blocks		-do-	
		4. Adequate drainage on site		-do-	
		5. Hygiene & sanitation		-do-	
		6. Increased waste loads on the existing facility		-do-	

8. The Contractors are complying with the EMP for each contract which is attached as per **Annexure 12**

Part C

9. Environmental Closure Report-1

Sub-Project Name : Car Parking Naina Devi ji
Package Number : Package HPTDB/1/2
Contractor : M/s Om Prakash Sharma & Sons, Daulatpur Chowk, Gagret, Distt. Una (H.P)
Sub-Project Period : The contract was awarded on 18.09.2014 and the completion date was 17.03.2016

Background: As part of the Investment Program, the project aims to complete subprojects under four or five different components of the Investment Program in the State of Himachal Pradesh (Part A).

- A. Component 1: Urban Infrastructure and Service Improvement
- B. Component 2: Connectivity Improvement
- C. Component 3: Quality Enhancement of Natural and Cultural Attractions
- D. Component 4: Community-based Activities
- E. Component 5: Capacity Development, Community Participation and Project Management

This subproject pertains to Component 1

IEE disclosure: As per Schedule 5 of FFA, Subproject Concept Report (SCR) and Subproject Appraisal Report (SAR) of subproject have been approved and it has been categorized as “B Category” subproject. Accordingly, Initial Environmental Examination (IEE) was prepared following project Environmental Assessment and Review Framework (EARF, July 2010) and disclosed on the ADB website and project website.

Land Acquisition: The proposed sub-project locations are land available within the Government. NoC has been received from the Municipal Council, Shri Naina Devi Ji (**Appendix 1**).

Required NOCs: In compliance of schedule 6 (viii) of FFA, all consent and approvals required for implementation of subproject under the Investment Program have been obtained in accordance with the applicable laws and regulations of the Government/state including other relevant agencies.

NOCs were in place prior to the project implementation and were part of QPR & EMR regularly submitted to the ADB and had also been disclosed on its website.

Implementation of Provisions of Environmental Management and Monitoring Plans: Provisions of following key environmental management and monitoring plans have been addressed as per IEE and identified certain shortcomings in terms of implementation has been considered on top priority, and the corrective actions taken accordingly throughout the project period.

Stages: Pre-construction/Construction/Post construction phase	
Activity	Parameter monitored
Activity 1: Signage & Display	Complied
Activity 2: Ambient Air Quality	Complied
Activity 3: Solid Waste Management & Debris Disposal	Complied
Activity 4: Water & Drainage	Complied
Activity 5: Noise	Complied
Activity 6: Site Operations & Management	Complied
Activity 7: Occupational Health & Safety	Complied
As per Loan <u>Covenant 6 under Schedule 5</u> for HPIDIPT: "The State shall ensure that civil works Contracts under the projects follow all applicable labour laws of the Borrower and the State and that these further include provisions to the effect that Contractors	
... (i) carry out HIV/AIDS awareness programs for labour and disseminate information at worksites on risks of sexually transmitted diseases and HIV/AIDS as part of health and safety measures	Complied
... (ii) follow and implement all statutory provisions on labour, health, safety, welfare, sanitation and working conditions.	Complied

Local Grievance Redress Status: No grievance or any complaint was received by Grievance Redressal Committee and PIU, Kangra throughout the project period.

Source of construction materials: All the materials were sourced from local registered quarries / vendors. The contractor purchased construction materials from approved sources and were verified/approved by PIU Kangra.

Requisite environmental impacts after sub-project completion: The design, construction, operation, and implementation of subproject have been carried out in accordance with EARF and IEE/EMP agreed upon between the Government, the state and ADB and complied with environmental laws and regulations of the Government and the state and ADB Safeguard Policy Statement.

The objective and desired outcomes of the safeguard plans have been achieved, taking into account the baseline conditions and the results of monitoring. Environmental monitoring reports (**Appendix 2**) are within limit and no requisite impact has been identified after project completion at site.

Loan Agreement Compliance: The borrower and state shall ensure that:

Loan Agreement Conditions	Compliance
1. The project is undertaken, and the project facilities are designed, constructed, implemented, operated, and maintained, in accordance with the Borrowers applicable laws and regulations; ADB's Safeguard Policy Statement (2009) as set forth in; and the EARF	Complied , IEE is part of contract agreement and is in accordance with the country/state applicable laws and regulations and ADB Safeguard Policy Statement (2009) as set forth in and the EARF
2. The IEE and EMP are implemented in accordance with their terms	Complied
3. In the event that any unanticipated adverse environmental impact occurs or a mitigation measures under an IEE or EMP does not have the desired effect, this is reported to ADB, and remedial actions are taken to mitigate the relevant impacts in consultation with the affected persons and ADB;	Complied , No unanticipated adverse environmental impact occurred.
4. Any change to the location, land alignment, or environmental impacts on account of detailed designs of the Project facilities are mutually agreed between the Borrower and ADB, and are consistent with the eligibility criteria set forth in schedule 4 to the FFA;	Complied , No change to the location or alignment and are consistent with the eligibility criteria set forth in shedule 4 of the FFA
5. The IEEs and EMPs are updated, as necessary, during the course of project implementation and submitted to ADB for clearance;	Complied , The IEE and EMP submitted to ADB for approval and has been disclosed on its website.
6. The Work Contractors are contractually obliged to implement the IEEs and EMPs and reprot on their implementation on regular basis, along with any deviation; and.	Complied , IEE and EMP was the part of contract agreement and contractor was contractually obliged to follow the provisions of IEE/EMP
7. Reports on implementation of the IEEs and the EMPs are submitted to ADB on quarterly basis.	Complied , Reports on implementation of the IEE/EMP/project covenant are submitted to ADB on quarterly basis as whole and specific EMR initially of quarterly basis and since July, 2014 onwards semi-annually basis.
Point 11 (Page 22) Specific Actions (Schedule 5) Each State shall ensure following activities on a timely basis:	
(a) All consents and approvals required for implementation of subprojects under the Project shall be obtained in accordance with laws and regulations of the Borrower or the State, including, without limitation, any consent or approvals from the Archaeological Survey of India (ASI) or its branches within the state where applicable, for works on or around archaeological or heritage sites; and any consent or approvals from any other agencies or third parties that have any claim or authority over the site of a Subproject.	Complied , Investment Program has been obtained in accordance with applicable laws and regulations of the Government/state including other relevant agencies.

Loan Agreement Conditions	Compliance
(b) Subprojects and business opportunities associated with the Subprojects shall be announced on the websites of the relevant State agencies, together with pertinent information in relation to goods and services procured for subprojects.	Complied, Subprojects and business opportunities associated and tenders with the Subprojects were announced on the websites of the relevant State agencies i.e. IDIPT/HPTDB, together with pertinent information in relation to goods and services procured for subprojects.
(c) The states shall ensure that adequate basic infrastructure and services such as electricity, water supply, sewerage and solid waste management are provided and maintained by the relevant Urban Local Body (“ULB”) or the agency concerned at each tourist destination for which investment will be financed under the Project	All the basic infrastructure and services are provided and maintained by concerned line agencies through Department of Tourism
(d) Admission and user fees to tourist facilities rehabilitated or created under the project shall be set at levels that are sufficient to make their operation financially sustainable. Where this is not feasible, the state shall ensure that adequate funds will be provided to meet any shortfall between the costs and revenues for the operation and maintenance of facilities rehabilitated or creates under the project.	Considerable entrance/user fees has been decided by Tourism Department in consultation with local body/temple trust
(e) The state shall take appropriate measures including levy of user charges/taxes related policies and outsourcing and contracting models to ensure financial sustainability and accountability of the Facility and Investment Program as a whole.	Complied for the Investment Program as a whole
(f) Mobility Plans shall be prepared by the state for major tourist destinations as required.	Under compliance for the Investment Program as a whole
(g) No later than 31 March 2012, the state shall: <ul style="list-style-type: none"> • have developed guidelines for effective and accruable data collection of tourism-related statics relevant to monitor the performance indicators developed for Investment Program; • have developed a set of benchmarks to be monitored by local communities, at a tourist destination or gateway for development of tourism; and • ensure that each ULB where investments will be financed under the Project shall have commenced the collection of relevant data. 	Under compliance for the Investment Program as a whole
(h) The state shall develop a tourism policy to mainstream: <ul style="list-style-type: none"> • Balanced distribution of economic opportunities across the state through community-based and ecotourism development with an introduction of relevant monitoring indicators; • Financial sustainability of tourism destinations and their heritage assets, and connectivity infrastructure; and • Policy and regulatory reforms to provide for adaptive reuse of publicity-owned 	Under compliance for the Investment Program as a whole

Loan Agreement Conditions	Compliance
heritage buildings so that additional means of cost recovery is established.	

	<div>FLOORING AT PARKING LEVEL</div> 
	
Photographs of works done under Package HPTDB/1/2	

Appendix 1: NoC from Municipal Council, Shri Naina Devi Ji

File No. - 2235/33 124

दस्तावेज : 01978-288225 नगरपालिका परिषद,
श्री नाना देवी जी
जिला-174310

28 एप्रिल/एप्रिल -15/ 2010-2011-2012 09 दिनांक 2010

सेवा में,
महिनर अधिकारी,
महिनर न्याय, श्री नाना देवी जी,
जिला कलकत्ता 71000।

विषय: - अंतरा नं. 1518/133, 1520/134, 1522/135 व 136 और अंतरा नं 137 व 1524/141 मौजा की
नक्का देवी जी, रोडवे अन्तर एसीन के समीप बाई नं. 2 में बहुमंजिल पार्किंग निर्माण न्यायिक की
संज्ञा की है।

उपरोक्त विषय पर आपकी प्रार्थना वक विनांक 28.09.2010 पर नगर परिषद द्वारा विचार के पश्चात् प्रस्ताव संख्या
382(1) विनांक 29 नवम्बर, 2010 द्वारा आपकी निम्न बाई पर परिषद की ओर से बहुमंजिल पार्किंग निर्माण की स्वीकृति प्रदान
की जाती है।

1. बहुमंजिल पार्किंग का निर्माण केवल स्वीकृत नक्से के अनुसार उपरोक्त अंतरा नं. पर सम्पत्ति विभागी से अनाधिकृत
प्रमाण एवं की प्राप्ति के पश्चात् ही किया जायेगा न्यायिक एनक्वैरि के अनुसार अंतरा नं 1518/133,
1520/134, 1522/135 तथा अंतरा नं 136 का कुल रकबा 177.888 वर्ग मीटर बांध एवं संरक्षित विभाग, कलकत्ता
के नाम है तथा अंतरा नं 137 व 1524/141 का कुल रकबा 977.43 वर्ग मीटर का कच्चा सर्वेक्षण विभाग
के नाम वर्ग है।
2. निर्माण कार्य विनांक 28.11.2012 तक पूर्ण करने सम्पन्न की लूकर परीक्षा कार्यालय में प्रस्तुत की जाये और सम्पन्न
प्रमाण एवं सर्वेक्षण से प्राप्त किया जायेगा।
3. उपरोक्त अंतरा नं. में स्थित अन्य निर्माणाधीन/पार्किंग के द्वारा पलिकी/पार्किंग से सम्बन्धित विवाद के लिये आप स्वयं
जिम्मेदार होंगे तथा इस संस्था की इस विषय में परामर्श नहीं कराया जायेगा।
4. कोई भी भवन निर्माण संस्था/आस्था प्रवेश में न आये घाटी संस्था/वैसे मिट्टी/पाथर/लकड़ बाई न्यायिक
रस्ते/जमीन/सड़क पर परीक्षा कार्यालय की अनुमति के बिना नहीं रखी जायेगी और न ही अनाधिकृत फैलाई जायेगी।
उत्पन्न करने की दृष्टि में सन्तुष्टि कार्यवाही अन्त में लाई जायेगी।
5. कच्चे, सड़क/इन्फ्रस्ट्रक्चर के बिना आगे का निर्माण इन्फ्रस्ट्रक्चर, केवल आगे की मासिकता भूमि पर ही किया जायेगा।
6. बहुमंजिल पार्किंग निर्माण हेतु प्लान के स्थित अथवा समीक्षा न तो कोई पैरु बना जायेगा और न ही बिना पूर्ण
सर्वेक्षण/जमीन/वेड की बांध/पार्किंग की संरक्षा अथवा छोट ही जायेगी।
7. बहुमंजिल पार्किंग भवन से वर्ग के पानी, रस्ते/एड स्माण्ड के पानी की निष्काही के लिये समुचित व्यवस्था की
जायेगी।
8. बहुमंजिल पार्किंग के निर्माण कार्य के लिए पानी का प्रयोग आगामी वर्ष करना होगा और बिना की दृष्टि में इस कार्य
हेतु सार्वजनिक नाल में पानी का प्रवेश नहीं किया जायेगा।
9. बहुमंजिल पार्किंग की छत से वर्षा के पानी के संग्रहण हेतु आप नक्से के अनुसार उचित संग्रहण टैंक का निर्माण
करेंगे।

उपरोक्त बातों की उत्तरावली/अवगतिक पर आपकी ही या रही स्वीकृति हेतु कार दी जाएगी और आपकी
द्वारा किया गया निर्माण अवधि पंजीकृत करके आपकी सर्वस्व ही अन्त में लाई जायेगी।

संलग्न: - 1. भवन निर्माण मानचित्र की स्वीकृत प्रति
2. नं 8 संख्या 41/66 दिनांक 11.10.2010 मुद्रा 14,911/-का के लिए

महिनर अधिकारी,
नगरपालिका परिषद,
श्री नाना देवी जी

Received
9/11/2010

NoC from Municipal Council, Shri Naina Devi Ji dated 09-12-2010 (English Translation)

Telephone No.01978-288025

Municipal Council,
Sh. Naina Devi Ji,
Pin Code: 174310
09 December, 2010

28 MCND-15/2010-2023

To,

Temple Officer,
Temple Committee, Sh. Naina Devi Ji,
District Bilaspur, H.P.

Subject: Approval of building plan for construction of multistorey parking on Kh. No. 1518/133, 1520/134, 1522/135 and 136 and Kh. No. 137 and 1524/141 Mauja Sh. Naina Devi Ji near Ropeway Upper Terminal, ward no. 2.

This is with reference to your letter no dated 28.09.2010 vide which the Municipal Council in its resolution no. 382 (1) dated 29.11.2010 has granted approval for construction of multistorey parking on the following conditions.

1. The NoC on the approved drawing on the above mentioned Kh. No. will be granted subject to No objection from other departments. As per the revenue Department the total area on Kh. No. 1518/133, 1520/134, 1522/135 and Kh. No. 136 is 177.88 Sq. mtrs and the land belongs to Art & Culture Deptt, Bilaspur. The total area on Kh. No. 137 and 1524/141 is 977.43 Sq. Mtrs and the land belongs to HPPWD.
2. The Work Completion report should be submitted at the time of completion of the project.
3. In case of any disputes with any Stakeholders/ existing partners you will be liable for resolving that dispute. We shall not be made party to that dispute.

4. The Construction materials like sand, stone, dumping of debris etc shall not be stored on the road/ Nallah or in Municipal office without taking prior permission. The area should be kept neat and clean. If rules are broken then strict action will be taken as per the rules.
5. The construction of Cantilever, Sewerage Inspection Chamber etc should be constructed on your own land.
6. For the purpose of construction of multistorey parking, no trees/ branches/ loppings off etc should be made on the specified land or on the adjacent land.
7. Proper arrangement should be made for the rainwater, waste water etc in the project.
8. For construction of multi storey parking, the water for construction purposes should be arranged by yourself and the water from the public taps should not be used.
9. As per the drawings for the said parking project, the rain water should be stored properly and proper rain water harvesting tank to be made.

If the above conditions are not fulfilled or ignored the approval will be cancelled and construction of the multi storey parking will be considered as illegal.

-----Sd-----

Officer-in-charge,
Municipal Council,
Sh. Naina Devi Ji.

Encl:

1. Approved copy of Building plan.
2. G 8, 41/66 dated 11.10.2010 amount Rs. 14,911/-


Appendix-2 Environmental Monitoring Test Results

H.P. STATE POLLUTION CONTROL BOARD
REG. LAB. B.B.M.B. COLONY SUNDER NAGAR DISTT. MANDI (H.P.)
PHONE NO:- 01907-263940

AMBIENT AIR MONITORING REPORT

Report No:-	A-3657
Dated :-	23.04.2014
1. Issued to:-	The Project Director,IDIPT-HP,HPTD Board
2. Point of Collection:-	On the top of building of M/s Vidya Guest House
3. Date of Collection:-	21.03.2014
4. Collected by :-	JEE (Bilaspur)
5. Date of Receipt :-	24.03.2014

Sr. No.	Parameter	Time of Collection	Results
1.	Respirable Suspended Particulate Matter (RSPM)	01:30 PM to 09:30 PM	28.7 µg/m ³
2	Suspended Particulate Matter (SPM)	01:30 PM to 09:30 PM	100.69 µg/m ³
3	NOx1	01:30 PM to 05:30 PM	17.12 µg/m ³
4	NOx2	05:30 PM to 09:30 PM	10.16 µg/m ³
5	SO2(1)	01:30 PM to 05:30 PM	9.11 µg/m ³
6	SO2(2)	05:30 PM to 09:30 PM	10.24 µg/m ³
7.	Noise Level	01:40 PM to 09:40 PM	51.9 dB (A)


STATE BOARD ANALYST


H.P. STATE POLLUTION CONTROL BOARD
REG. LAB. B.B.M.B. COLONY SUNDER NAGAR DISTT. MANDI (H.P.)
PHONE NO:- 01907-263940

AMBIENT AIR MONITORING REPORT

Report No:-	A-3656
Dated :-	23.04.2014
1. Issued to:-	The Project Director,IDIPT-HP,HPTD Board
2. Point of Collection:-	On the roof top of building of PWD Sub-Division- Shri Naina Devi Ji (Circular Road)
3. Date of Collection:-	22.03.2014
4. Collected by :-	JEE (Bilaspur)
5. Date of Receipt :-	24.03.2014

Sr. No.	Parameter	Time of Collection	Results
1.	Respirable Suspended Particulate Matter (RSPM)	6AM to 2 PM	23.33 µg/m ³
2	Suspended Particulate Matter (SPM)	06AM to 02 PM	83.33 µg/m ³
3	NOx1	06AM to 10AM	BDL*
4	NOx2	10AM to 2PM	11.24 µg/m ³
5	SO2(1)	06AM to 10AM	BDL*
6	SO2(2)	10AM to 2PM	10.07 µg/m ³
7	Noise Level	06:10 AM to 02:10 PM	58.0 dB(A)

* BDL- Below Detection Limit


STATE BOARD ANALYST



No. PCB/BLP/3-11/MS (HIG-IV) Vol-II/9587 Dated: 13/02/15
 To
 The Project Director,
 IDIPT-HP, HP Tourism Development Board,
 Department of Tourism and Civil Aviation Himachal Pradesh,
 PMU Office US Club, Shimla-1

Subject: - Analysis report.
 Sir,

This is in reference to letter No. HP SPCB/Noise Pollution/Vol-IV/11-25189-96, Dated-05.03.2014 regarding the Air, Water Quality and noise Level testing facilities at Himachal Pradesh State Pollution Control Board (HP PCB). In this context, the sampling was conducted on the selected points in the presence of the representative of tourism department as per schedule. The analysis reports of sample of Ambient Air Quality & Ambient Noise were already sent vide letter No. 363-64, dated-06.06.2014 and revised report vide letter No.-597, dated-14.07.2014 and of soil was sent vide 1475-76, dated-11.11.2014.

As per schedule, the sample of water quality is also required to be collected & analyzed at "Circular Road" during monsoon. It was already apprised that, during the visit on dated-02.09.2014 for sampling during monsoon, no active water source was found, due to which no sample could be collected. Thereafter, on the request of representative (Dr. Seema Srivastava) of the IDIPT-HP Tourism Development Board, Department of Tourism and Civil Aviation Himachal Pradesh, a joint inspection of site was carried out on dated-21.11.2014 and again no active water source was found. But on the demand of the representative, a sample of drinking water supply (Public supply) was collected and sent to the regional laboratory for analysis.

The sample details are as under:-

Report No. - 9587 Dated: 13.02.2015

Point of Collection: Drinking Water Supply (Public Supply), Near Sulabh-

Sr. No.	Parameter	Result	Limit	Remarks
1.	pH	8.24	6.0 - 9.0	Within Limit
2.	Total Dissolved Solids (TDS)	93.0 mg/l	2100 mg/l	Within Limit
3.	Oil & Grease	Nil	10.0 mg/l	Within Limit

Yours Faithfully,

(Dr. R.K. Nadda)

Environmental Engineer
 HP SPCB, Bilaspur

Copy to: The Member Secretary, HP State Pollution Control Board, Shimla for favour of information w.r.t. letter No. HPSPCB/ Noise Pollution/Vol-IV/11-25189-96, Dated-05.03.2014 along-with bill please.

(Dr. R.K. Nadda)
 Environmental Engineer
 HP SPCB, Bilaspur

H.P.STATE POLLUTION CONTROL BOARD
 REG. LAB. B.B.M.B. COLONY SUNDER NAGAR DISTT. MANDI (H.P.)
 PHONE NO:- 01907-263940

Issued Environmental Engineer,
 to :- HPSPCB, Regional Office, Bilaspur

Report No. :- 9587

Dated:- 13.02.2015

Sample Collected By: JEE, Bilaspur

Sample Collected on: 21.11.2014

Samples received On : 22.11.2014

PARAMETERS						
Sr. No.	Description of Unit	Sampling Point/Type	Report No.	pH	TDS mg/l	O&G mg/l
1	HPIPT, Tourism Department	Drinking Water Supply(Public)near Sulabh/ Drinking Water Sample	9587	8.24	93.0	Nil

Sr. Scientific Officer



No. PCB / BLP (S.W.) Vol-II / 10 - 1475-76 Dated: 11/11/14

To
The Project Director,
IDIPT-HP, HP Tourism Development Board,
Department of Tourism and Civil Aviation Himachal Pradesh,
PMU Office US Club, Shimla-1

Subject: - Analysis report and bill for the analysis of the 02.09.2014.
Sir,

This is in reference to letter No. HP SPCB/Noise Pollution/Vol-IV/11-25189-96, Dated-05.03.2014 regarding the Air, Water Quality and noise Level testing facilities at Himachal Pradesh State Pollution Control Board (HP PCB). In this context, the sampling points were already selected in the presence of the representative of tourism department on dated-21.03.2014 and 22.03.2014. The sample of Ambient Air Quality and Ambient Noise were already sent vide letter No. 363-64, dated-06.06.2014 and revised report vide letter No.-597, dated-14.07.2014.

As per schedule, the sample of water quality and soil were also required to be analyzed at "Circular Road" during monsoon. In this context, it is to submit that, the respective area was visited various times during monsoon, but no active water source was found, hence water sample could not be collected. Sample of soil was collected on dated-02.09.2014 in the presence of Sh. Karan Soni (Contractor) and were got analyzed.

The sample details are enclosed as below:-

Report No. SW-25

Point of Collection: Circular Road (Starting Point @ RD-200)

Sr. No.	Parameter	Result
1	pH	8.34 (1:5)

Dated: 01.11.2014

Report No. SW-26

Point of Collection: Circular Road (End Point @ RD-800)

Sr. No.	Parameter	Result
2	pH	8.05 (1:5)

Dated: 01.11.2014

Encl: As Above

Yours Faithfully,

(Dr. R.K. Nadda)
Environmental Engineer
HP SPCB, Bilaspur

Copy for: The Member Secretary, HP State Pollution Control Board, Shimla for favour of information w.r.t. letter No. HPSPCB/ Noise Pollution/Vol-IV/11-25189-96, Dated-05.03.2014 along-with bill please.

(Dr. R.K. Nadda)
Environmental Engineer
HP SPCB, Bilaspur

H.P.STATE POLLUTION CONTROL BOARD

B.B.M.B. COLONY SUNDERNAGAR, DISTT. MANDI-174402
PHONE NO:- 01907-263940

Report No. :- SW-25
Date :- 01-11-14
Issued to :- The Project Director, IDIPT-HPTD Board.
Type of sample :- Solid Waste
Sample Collected by :- JEE, Bilaspur.
Date of Receipt :- 03-09-14
Description of Sample :- Starting Point (RD-200).

Sr.No.	Parameter	Result
1	pH	Solid Waste Analysis Leachate Analysis at pH 4.93 8.31(1:5)

STATE BOARD ANALYST

H.P.STATE POLLUTION CONTROL BOARD

B.B.M.B. COLONY SUNDERNAGAR, DISTT. MANDI-174402
PHONE NO:- 01907-263940

Report No. :- SW-26
Date :- 01-11-14
Issued to :- The Project Director, IDIPT-HPTD Board.
Type of sample :- Solid Waste
Sample Collected by :- JEE, Bilaspur.
Date of Receipt :- 03-09-14
Description of Sample :- End Point (RD-800).

Sr.No.	Parameter	Result
1	pH	Solid Waste Analysis Leachate Analysis at pH 4.93 8.05(1:5)

STATE BOARD ANALYST

Part D

Compliance of Corrective Action at Tutikandi

Project Name: Tutikandi Multi-storey Parking Facility at Shimla, HP

Package No- HPTDB/10



Date of Visit: 27.10.2017 & 20.11.2017






Visited By: Mr. Abhay Srivastava, Environmental Specialist, DSC, Mr. Krishna Rao, Safety Engineer, DSC and Mr. Jyoti Dhari Singh, Social Safeguard Specialist, DSC.




Accompanied By: Mr. Jugnu Tiwana, Project Manager, Mr. Maninder Singh, Safety officer, M/s A.S. Enterprises







Responsibility: Responsibility for the compliance of actions: Contractor site engineer
Responsibility of monitoring of compliance: Safety officer & Site Engineer, DSC and Site Engineer, PIU.

Key Observations: The site was visited to review the environmental safeguards, training and welfare programs as per EMP. Details of observations and action required are given below-

S N	CORRECTIVE ACTIONS REQUIRED		CORRECTIVE ACTIONS (filled by the Contractor)	
	PHOTOS	OBSERVATIONS	ACTION TAKEN	PHOTOS
1		Workers working at height are not using safety belts	Safety harness already provided and being used at site while working at height.	

S N	CORRECTIVE ACTIONS REQUIRED		CORRECTIVE ACTIONS (filled by the Contractor)	
	PHOTOS	OBSERVATIONS	ACTION TAKEN	PHOTOS
2		Workers camps- Passage of workers camps area is dark and no area lighting is provided	Lighting provided at various places near the labour camp.	
3		Stagnant water is seen as workers use this area for cleaning of utensils.	Proper cleaning place for both cloths and utensils provided and covered by brick work up to height 6 m.	
4		Temporary access bridge is provided to enter in the project building. Good practice and previous observation complied	Temporary access bridge provided to enter in building.	It is already done.

S N	CORRECTIVE ACTIONS REQUIRED		CORRECTIVE ACTIONS (filled by the Contractor)	
	PHOTOS	OBSERVATIONS	ACTION TAKEN	PHOTOS
5		Outside plastering of the building will start in near future. Ensure in advance that during outside plastering adequate and sufficient safety appliances and safe scaffolding is used	Instructions and suggestions of safeguard specialist from PMU, DSC and PIU will be applied at site when the outside plaster work will be started of the building.	-
6		Orientation of workers was done for compliance of safeguards and safety at work site	Orientations to workers on various topics are being provided time to time.	-
7		First aid box is available in site office.	First aid box Available at site.	-

S N	CORRECTIVE ACTIONS REQUIRED		CORRECTIVE ACTIONS (filled by the Contractor)	
	PHOTOS	OBSERVATIONS	ACTION TAKEN	PHOTOS
8		PPE provided to all labourers, but some are not using it properly and not wearing at site	PPE provided and using it properly at site.	
9		Ropes to be installed at along with the main staircases.	Ropes installed along with the main staircase	
10		Welding machines are not covered properly; workers are giving connection from welding machine to grinders and other equipments.	Welding covered properly. Nobody is allowed to take connection from welding machine.	

S N	CORRECTIVE ACTIONS REQUIRED		CORRECTIVE ACTIONS (filled by the Contractor)	
	PHOTOS	OBSERVATIONS	ACTION TAKEN	PHOTOS
11	Safeguard documents	Wages register- available but not updated Labour attendance register- not updated Labour insurance copy- available Grievance register- updated First aid register- updated	All registers have been updated of safeguards including wages and attendance.	
12	Other observations	Drinking water- available Toilets- available and cleaned Safety supervisor- deputed at site Dust bins- Available	Already deputed at site, you need to update this information.	
	Prepared By: Abhay Srivastava Designation: Environment Specialist, DSC		Prepared By: Manendra Singh Designation: Safety Officer, M/s A.S. Enterprises	

Annexure 1: Consent to Establish for Sewerage Treatment Plant (STP) for Integrated Parking, Interpretation Centre and Tourist Amenities Complex at Chintpurni

HIMACHAL PRADESH STATE POLLUTION CONTROL BOARD
HNM PARTIALPHASE-CLNEW DDM&A-671909
DH 61177127386/2019 & S.No. 61177127386/19

12 Oct. 2017 11:03 AM P1

NPSPCB/27102 13.801-5

DATE: 22.10.17

To:

- Temple Officer, Temple Trust Mata Shri Chintpurni, Temple Officer, Temple Mata Shri Chintpurni Village Mata, P.O. Bhawan, Taluk Dehra Dutt Kangra HP
- The Secretary, Department of P.W.D., S.P.

Subj: Consent to establish for M/s Temple Officer, Temple Trust Mata Shri Chintpurni Village- Mata, P.O. Bhawan, Taluk Dehra Dutt, Kangra for the establishment for Integrated Parking, Interpretation centre and tourist amenities complex at Chintpurni Block A & B and rest of the facilities along path THC (Tourist Reception Centre to temple).

Recommendation made by Regional Officer: 07/10/2017

Consent

This consent is granted on the recommendation of SOE(HQ) and RO, and subject to following conditions:

- This Consent to Establish is valid for a period of one year from the date of its issue on till the recommendation of the unit, whichever is earlier and the State Board reserves the right to provide, review and/or alter the conditions of consent as the case may be.
- This Consent to Establish is only for the purpose and under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1986 in the case may be, and will not be construed as a substitute for mandatory clearances required for the project under any other law/regulation/directive/order and the applicant shall obtain any such mandatory clearances before taking any steps to establish industry/industrial plant, operation or process or any treatment and disposal system or an extension or addition thereto.

This Consent to Establish is Subject to:


- The emission from all sources conforming to the norms as prescribed in the Environment (Protection) Rules, 1986 as amended from time to time.
- Noise and ambient air quality to be maintained within standard Air Quality Standards for noise as specified in the Environment (Protection) Rules, 1986 as amended from time to time.
- The effluent discharge (quantities) conforming to the limits as provided in the Environment (Protection) Rules, 1986 as amended from time to time.
- Sewage from unit to be disposed in a properly designed septic tank system.
- Unit shall ensure proper management for collection of effluent/effluents samples as may be applicable to it.
- The Unit shall provide adequate arrangements for fighting the accidental leakage/dischARGE of any air pollutant/gas/liquids from the vessel, mechanical equipment's etc. which are likely to cause environmental pollution, so that ambient air quality norms are not violated.
- The Unit shall install separate Pollution Control device as per to contain all the pollutants within prescribed norms.
- The Unit shall construct and commission the effluent treatment plant/ emission pollution control device, simultaneously with the main project and the treated effluent/emission shall conform to the standards as prescribed.
- The unit shall comply with the provisions of e-waste (Management & Handling) Rules, 2011, as may be applicable to it.
- Unit shall not undertake any expansion activity/ or additional product in the existing unit without obtaining prior consent from State Board.
- The project proponent shall be liable to clear any past/current liability on account of difference in emission/ discharge if detected at any subsequent stage.
- The unit shall obtain consent to operate from the Board and install self-pollution device for provision control and statement of compliance/ Pollution before commencing production before a final NOC is issued.

1. The Regional Officer, H.P. State Pollution Control Board Shimla shall be informed and further necessary action please.

D. Gurpreet Singh
Manager/Secretary

11/10/2017 NPSPLB/PCB-1317143

Annexure 2- Temple Trust has applied for Consent to Operate for Sewerage Treatment Plant (STP) for Integrated Parking, Interpretation Centre and Tourist Amenities Complex at Chintpurni

<p>OFFICE OF THE TEMPLE MATA SHRI CHINTPURNI DISTT – UNA H.P. No. TTC- 07-Vol - VII /Dev. Parking -06/ 1826-28/17 Dated 01/12/2017</p> <p>To Executive Engineering Pollution Control Board Dharamshala.</p> <p>Subject :- Regarding Consent to Operate for Integrated parking, Interpretation Centre of Tourist amenities complex at Chintpurni STP Case.</p> <p>Ref. No: HPSPCB/27162-13801-5 dated 12.10.2017.</p> <p>Sir,</p> <p>Please find enclosed herewith a Bank draft amounting to Rs. 200000/- (Two Lacs only) in favour of EE PCB Dharamshala to issue the consent to operate (CTO) as the case has already been applied online with reference to the subject cited above vide which the consent to Establish (CTE) has also been obtained by your office letter No. HPSPCB/27162-13801-5 dated 12/10/2017 through HP Tourism depts. for establishment of sewerage Treatment plant (STP) at Chintpurni parking project.</p> <p>Your are requested to acknowledge the receipt of draft and issue the CTO.</p> <p>Yours Faithfully,</p> <p>Encl. : As above</p> <p>Endst : As above Copy to :</p> <ol style="list-style-type: none"> 1. Project Director IDIPT U.S. Club Shimla -1 (HP) in reference to his letter No. IDIPT – HP/2676-IND/2/2017- 3396 dated 18-11-2017. 2. Project Manager PIU – IDIPT – HP Dhaliara Khad Kangra H.P. <p>Temple Officer, Temple Mata Shri Chintpurni, Tehsil Amb Distt Una (HP)</p>	
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Annexure 3: NoC from Municipal Corporation Shimla dated 13-01-2014

SHIMLA MUNICIPAL CORPORATION

NO:-MCS/XEN/5436/MU/13- 166

DATED: 13/1/14

From Commissioner
Shimla Municipal Corporation

To The Director, (Tourism)-cum-
Mission Director, IDIPT-HP.
Shimla.

Subject:- **NOC for DPR of Shimla Mall Road Restoration Project
& Rehabilitation of Town Hall (HPTBD/9/1/A) P-224**


Reference:- **Your office letter No. IDIPT-HP/2676-IND/HPTBD/9/1/
(A) /2013/MC 2585-88 Dated 13.12.2013.**

Sir,

With the prior approval of Hon'ble M.C. House dated 03.01.2014. NOC is hereby granted subject to the following terms and conditions:-

1. The Tourism Department shall be responsible for any damage to the Govt/Private properties.
2. No inconvenience to be caused to the general public during execution of work.
3. Final approval of the project may be obtained from M.C. Shimla.

Yours faithfully,


(Amarjeet Singh)
Commissioner,
Shimla Municipal Corporation
Tel. No. 2812899

Copy to:-

1. The Assistant Commissioner, M.C. Shimla for information.
2. The Executive Engineer, (R&B) M.C. Shimla for information and necessary action.
3. The Assistant Engineer-I&II (R&B) M.C. Shimla for information and necessary action.

(Amarjeet Singh)
Commissioner,
Shimla Municipal Corporation
Tel. No. 2812899

Annexure 4: NOC from MC, Shimla for the construction of Lift dated 9th September, 2016

नगर निगम शिमला

क्रमांक:न०नि०शि०/स०शा०/२०१६- 1636 दिनांक १-१-१६

प्रेषक

आयुक्त,
नगर निगम शिमला।

प्रेषित

प्रोजेक्ट डायरेक्टर,
आई०डी०आई० पी०टी० हि०प्र०,
यू० एस० क्लब शिमला-171101

विषय:- नई लिफ्ट लगाने हेतु अनापत्ति प्रमाण-पत्र जारी करने बारे।


महोदय,

उपरोक्त विषय के संदर्भ में आपके कार्यालय के पत्र दिनांक 24.5.2016 के अनुसार नगर निगम शिमला के प्रस्ताव संख्या 3(13), दिनांक 23.8.16 को महाल स्टेशन वार्ड छोटा शिमला में खसरा न० 58, रकबा 107.45 वर्गमीटर भूमि पर प्रस्तावित नई लिफ्ट के निर्माण बारे आपके पक्ष में अनापत्ति प्रमाण-पत्र इस शर्त पर जारी किया गया है कि लिफ्ट की कुल आय में से 30 प्रतिशत शेयर नगर निगम शिमला को अदा करना होगा। उक्त प्रस्ताव की प्रति आगामी कार्यवाही हेतु संलग्न की जाती है।

भवदीय,

सहायक आयुक्त,
नगर निगम शिमला।

Annexure 5a: NOC from Bhagwanti Oberoi Charitable Trust


The Oberoi Group
 Corporate Office: 7, Sham Nath Marg, Delhi-110 054
 Telephone: +91-11-2806 3232 Facsimile: +91-11-2806 3692, 2306 3001

*REN
8.11.15
NE*

PRS Oberoi
Executive Chairman

29th September, 2015

The Commissioner (Tourism)-cum-Mission Director,
IDIPT-HP,
Project Management Unit,
US Club,
Shimla 171 001,
Himachal Pradesh.

Dear Sir,

Thank you for your letter no. IDIPT-HP/2676-IND/HPTB.9/1-A/2014-3280 dated 09-2015 which was received on 25th September, 2015.

I am pleased to learn that the Government of Himachal Pradesh in partnership with the Asian Development Bank is in the process of implementing projects to beautify Shimla and upgrading tourism infrastructure in Himachal Pradesh.

In your letter, you have asked that Bhagwanti Oberoi Charitable Trust donate 200 square feet of land out of Khasra No. 68 for constructing a new lift which would be adjacent to the present lift.

In principle, Bhagwanti Oberoi Charitable Trust would have no objection to transfer 200 square feet of land out of Khasra No. 68 in the larger interest of the public. I have also noted that the Department of Tourism will put a suitable plate at the site of the lift that the land has been donated by Bhagwanti Oberoi Charitable Trust.

Continued on page...2

© The Oberoi Group

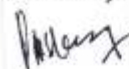
Continuation Sheet 1

I am asking Mr. D.P. Bhatia, General Manager of Clarkes Hotel to get in touch with your office for inspecting the site of Khasra No. 68 with your officers, providing him a sketch of the demarcated area of 200 square feet in Khasra no. 68 that is required for the new lift and also providing him a draft of all legal documentation required for transferring the land of 200 square feet in Khasra no. 68.

Please provide Mr. Bhatia the required assistance so as to conclude the transfer process at the earliest.

Thank you.

Yours sincerely,



Copy: Mr. V.C. Pharka, Additional Chief Secretary Tourism & CA, Shimla, Himachal Pradesh.

prso:rk

Annexure 5b: Gift Deed

GIFT DEED

STAMP EXEMPTED

THIS DEED OF GIFT has been executed on 16th day of February 2016 by BHAGWANTI OBEROI CHARITABLE TRUST through Shri Dharam Pal Bhatia (Attorney) hereinafter referred as "Donor" and DEPARTMENT OF TOURISM (GOVT. of H. P.) Through its Authorized Signatory Shri Surinder Justa, Deputy Director, Tourism and Civil Aviation, Shimla Division, HP, Block No. 28, SDA Complex, Kasumpti, Shimla- 9 hereinafter referred as "Donee".

AND WHEREAS the first party/Donor is an absolute owner in possession of land comprised in Khata Khatoni No. 44min/68, Khalsa No. 68 situated at Mohal U.S. Club Tehsil Shimla (U) District Shimla H.P. according to Nakal Jamabandi for the year 2006-2007 (a true copy of which is enclosed herewith).

And whereas the Donor upon the specific request made by the Donee has agreed to donate a portion of land Khalsa No. 68/1 measuring 18 sq. meters of land as shown in (Red color) in Tatima (Map) attached, out of Khalsa No. 68, Khata Khatoni No. 44min/68 situated at Mohal U.S. Club Tehsil Shimla (U) District Shimla H.P. along with all rights of easements, paths, drainages, Air, Light, Sun-Light, fittings fixtures etc in favour of DEPARTMENT OF TOURISM (GOVT. of H. P.) only for the purpose of establishment of lift to be used by the General Public.

NOW THIS DEED OF GIFT WITNESSETH AS UNDER:-

1. That the Donor has handed over the possession of the said land (described hereinabove) to the Donee with the execution of this deed.
2. That the Donor has no objection in case the mutation of the said land hereby gifted to the Donee is attested in favour of the Donee in the absence of the Donor.
3. That the Donee has the rights to use the said land only for the purpose of establishment of lift to be used by the General Public.
4. The Donee shall be liable to pay any taxes, cess, etc payable and accruable on the said land.
5. That Donee undertakes to display board/plates at a prominent place that the said land is donated by BHAGWANTI OBEROI CHARITABLE TRUST C/o Shri. P.R.S. Oberoi

पंजीकृत
बहीका नं० 73/16
डा. प्रदीप कुमार
शिमला - 9

(Stamp: BHAGWANTI OBEROI CHARITABLE TRUST)

(Managing Trustee) for the establishment of lift.

IN WITNESS, WHEREOF the Donor and Donees have put their hands on this GIFT Deed on this 16th day of February 2016.

WITNESSES



1. Ram Kishan Bhatia
A-EC, IDIPT-HP-US
Club Shimla
2. Sandeep Sharma
of Project Director,
IDIPT-HP, U.S. Club
Shimla-9





DONOR
(D.P. Bhatia)








DONEE
Surinder Justa
DDT

पंजीकृत 73/16
बहीका नं०
डा. प्रदीप कुमार
शिमला (नहरा)

(Stamp: जल विभाग हिमाचल प्रदेश)

Deed Endorsement Details			
जिला: शिमला		सब रजिस्ट्रार : शिमला(राहटी)	
Book No.: 1	Registration No: 73/2016	Registration Date : 16/02/2016	
Reference No.: 152/2016	Deed Name: GIFT		
Sub Deed Name: Gift in Favour of Government and Others with Duty and Fee Exemption			
Presentation Date: 16/02/2016		Presentor : Bhagwati Oberai Charitable through Dharam Pal	
No. of Deed Pages : 2	No. of Additional Pages: 3	No. of Annex. Pages: 42	
Stamp Duty Detail:			
- Nil -			
Fee Details:		Receipt No.: 155/2016	
Registration Fee: 0		Receipt Date: 16/02/2016	
Pasting Fee: 10		Total Fee 10	
Mode of Payment: Cash		No:-	
Date:		Amount: -	
Additional Book Pasting Details:		Supplementary Book Pasting Details:	
Total No of Pages : 5	No of Pages Annexure Pages : 42		
Pasting Date : 16/02/2016	Pasting Date : 16/02/2016		
Additional Book No : 1	Supplementary Book No : 1		
Volume No.: 1223	Volume No: 788		
From Page: 19	From Page: 5		
To Page : 23	To Page: 46		
<p align="center">Certificate of Registration [As per the provisions of Registration Act]</p> <p>The Contents of this document were read over and explained to the Eecutant(s)/ Presentor(s) who understood all the conditions and admit(s) them to be true and correct. Hence, the Document is hereby, REGISTERED.</p>			
		<p align="center">हस्ताक्षर सब रजिस्ट्रार पंजीकृत 73/16 वकीला नं०  शिमला (राहटी)</p>	

Party Details	
जिला: 10.146.129.50	Reference No. 152/2016
सब रजिस्ट्रार : शिमला(राहटी)	
Party Name and Address	Finger Prints and Signatures
Identifier 1. Jai Choudhary Poon ji - ji - Jai Choudhary, Bhinda (U)	 Signatures
<p align="center">हस्ताक्षर (सब रजिस्ट्रार)</p> <p align="center">पंजीकृत 73/16 वकीला नं०  शिमला (राहटी)</p>	
	
<p align="center">हस्ताक्षर सब रजिस्ट्रार पंजीकृत 73/16 वकीला नं०  शिमला (राहटी)</p>	
दिनांक : 16-02-2016 पृष्ठ संख्या : 4	दिनांक : 16-02-2016

Party Details	
जिला: 10.146.129.50	Reference No. 152/2016
सब रजिस्ट्रार : शिमला(शहरी)	
PhotoGraphs	
	
Party Name and Address	Finger Prints and Signatures
Donor 1. Bhagwati Oberoi Charitable Trust ,Nr. Lift Shimla Through OTHER Dharam Pal Bhatia G.M पुत्र Late Sh. Dault Ram / Hotel Clarks पुत्र - ,Hotel Oberoi Clarks The Mall Road Shimla	 Signatures
Donee 1. Deptt. of Tourism through its ,SDA Complex Kasumpti Shimla -9 Through OTHER Sh. Surinder Justa Deputy Director पुत्र - पुत्र - O/O Tourism and Civil Aviation Shimla Division HP SDA Complex Kasumpti Shimla -9	 Signatures
Witness 1. Ram Krishan Thakur AE पुत्र - पुत्र - ,O/O Project Director IDIPT U.S Club Shimla	 Signatures
2. Sandesh Sharma Computer Operator पुत्र - पुत्र - ,O/O Project Director IDIPT U.S Club Shimla	 Signatures
Identifier	
हिमालय - विक्रम-विमान प्रवेश	पुत्र संख्या : 3
	दिनांक: 16-02-2016 पंजीकृत 73/16 वकील नं.  वकील (शहरी)

Annexure 5c: Third party validation

73/2016

GIFT DEED

STAMP EXEMPTED

THIS DEED OF GIFT has been executed on 16th day of February 2016 by BHAGWANTI OBEROI CHARITABLE TRUST through Shri Dharam Pal Bhatia (Attorney) hereinafter referred as "Donor" and DEPARTMENT OF TOURISM (GOVT. of H. P.) Through its Authorized Signatory Shri Surinder Jotta, Deputy Director, Tourism and Civil Aviation, Shimla Division, HP, Block No. 28, SDA Complex, Khasmpet, Shimla- 6 hereinafter referred as "Donee".

AND WHEREAS the first party Donor is an absolute owner in possession of land comprised in Khata Khata No. 44m/98, Khata No. 68 situated at Mohal U.S. Chab Tehsil Shimla (U) District Shimla H.P. according to Nakal Jamabandi for the year 2006-2007 (a true copy of which is enclosed herewith).

And whereas the Donor upon the specific request made by the Donee has agreed to donate a portion of land Khata No. 68/1 measuring 18 sq. meters of land as shown in (Red color) in Tatna (Map) attached, out of Khata No. 68, Khata Khata No. 44m/98 situated at Mohal U.S. Chab Tehsil Shimla (U) District Shimla H.P. along with all rights of easements, paths, drainages, Air, Light, Sun-Light, fittings fixtures etc in favour of DEPARTMENT OF TOURISM (GOVT. of H. P.) only for the purpose of establishment of lift to be used by the General Public.

NOW THIS DEED OF GIFT WITNESSETH AS UNDER:-

1. That the Donor has handed over the possession of the said land (described hereinabove) to the Donee with the execution of this deed.
2. That the Donor has no objection in case the mutation of the said land hereby gifted to the Donee is attended in favour of the Donee in the absence of the Donor.
3. That the Donee has the rights to use the said land only for the purpose of establishment of lift to be used by the General Public.
4. The Donee shall be liable to pay any taxes, cess, etc payable and accruable on the said land.
5. That Donor undertakes to display boundary/plate at a prominent place that the said land is donated by BHAGWANTI OBEROI CHARITABLE TRUST C/o Shri P.R.S. Oberoi.

पंजीकृत
बखीका नं० 73/16
श्री. पी.एस. ओबेरी
दिनांक: 16/02/16

(Seal of Bhagwanti Oberoi Charitable Trust)

(Managing Trustee) for the establishment of lift.

IN WITNESS, WHEREOF the Donor and Donees have put their hands on this GIFT Deed on this 16th day of February 2016.

WITNESSES

1. Ram Kishan Thakur
A.C.E., DIST. SHIMLA.
Chab Shimla.
2. Sandeep Chandra
C/o District Officer,
Distt - HP, U.S. Chab,
Shimla - 6

(Seal of District Officer, Shimla)

पंजीकृत
बखीका नं० 73/16
श्री. पी.एस. ओबेरी
दिनांक: 16/02/16

(Seal of District Officer, Shimla)

I hereby certify that this document has been signed with mutual consent between both the parties and without any financial implications. The deed has been made to develop and to promote Tourism infrastructure in the Town keeping in view the larger interest of the public.

प्रमुख
टिबेट एजेंट, लिमिटेड ऑफिस
शिमला

Annexure 6: NoC of PWD, HP for construction of lift dated 16.8.16

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NO: - PW-SD-I-WA-NOC /16-17 10399-401 Dated:- 16/8/16

To,

Project Director,
IDIPT-HP,
T.S. Club, Shimla.

Subject: - Regarding issue of NOC for setting up lift at Shimla.

Sir,

This is as per approval conveyed vide the Addl. Chief Secretary ((PW) to the Govt. of Himachal Pradesh letter No. PWB (R) G (6)1/2016-840 dated 06/08/2016 as received in this office from the Superintending Engineer, 4th Circle, HP. PWD, Shimla-3 vide endorsement No. SE-IV-R-NOC/2016-9058 dated 08/08/2016 & further Corrigendum vide Superintending Engineer, 4th Circle, office letter No. SE-IV - R-NOC/2016-9322 dated 11/08/2016.

Keeping in view the public interest and reasons for construction of lift as explained by your good self, this office has no objection if that portion of land in Kh. No. 55 & 65 in possession of Sarvajanik Nirman Vibhag as recorded in revenue record which only is required for installation of lift at Cart road Shimla-1 is transferred in the name of Tourism Department.

Executive Engineer,
Shimla Division No-1,
HPPWD, Shimla-3.

Copy to the Superintending Engineer, 4th Circle, HPPWD, Shimla-3, w.r. to his office letter mentioned as above for information please.

Copy to Assistant Engineer, Shimla Sub Division No-1, HPPWD, Shimla-3 for information.

Executive Engineer,
Shimla Division No-1,
HPPWD, Shimla-3.

Annexure 7: NoC from Municipal Corporation Shimla dated 13-05-2014**MUNICIPAL CORPORATION SHIMLA**Commissioner's Order No. 183CAPDDated: 13-5-14

Applicant the Director, (Tourism) -cum- Mission Director, IDIPT-HP, U.S.Club, Shimla-1 has submitted plan for the rehabilitation of Town Hall building on old existing line situated at The Mall Shimla.

The plan submitted by the applicant Deptt. is in conformity as per M.C. Building Bye Laws. Therefore, as per the approval received from the Heritage Advisory Committee and further decision taken by the Single Umbrella Committee in the 36th meeting held on dated 21-4-2014 and 22.4.2014 the plan submitted is hereby sanctioned subject to the conditions that:-

1. Work should be carried out strictly as per plan approved and on old line. ^{as} The area falls in "Core / Heritage Area" of Shimla planning area.
2. You will exhibits details/ information of this sanction /approval on a signboard, which will be affixed at conspicuous location at the site of construction till completion of the project as per annexure 'A' enclosed.
4. Sanction is granted subject to the final decision in CWP No.4595/2011 titled as Rajeev Verma & others v/s State of H.P. pending before the Hon'ble High Court.

Commissioner,
Municipal Corporation,
Shimla.

Dated: 13-5-14No. JMCS/AP/291/AP/14-2893
Copy to: 96

1. The Director, (Tourism) -cum- Mission Director, IDIPT-HP, U.S.Club, Shimla-1 alongwith copy of sanctioned plan.
2. The Director-cum-Chairman, Heritage Advisory Committee, w.r.t the letter No. HIM/TCP/PP/P.Reg/HAC-case-town Hall / 2014 -13907 dated 20.2.2014 for information.
3. Junior Engineer concerned alongwith plan for information.
4. Commissioner's Order book.

Commissioner,
Municipal Corporation,
Shimla.

Annexure 8: NoC from H.P. Pollution Control Board dated 07-08-2014

H.P. STATE POLLUTION CONTROL BOARD
"HIM PARIVESH", PHASE III,
NEW SHIMLA-171 009.

No. HPSPCB /Misc. Consent, R. O. Shimla /14- 8971-73 Dated 7-8-2014

From: Member Secretary

To: ✓ The Commissioner
Municipal Corporation Shimla

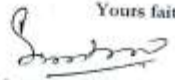
Sub: - Regarding issuance of No Objection certificate for diversion of forest land for establishing Multilevel Car Parking with Civic Amenities at Tutikandi, Shimla, H.P.

Sir,

This has reference to Letter No. IDIPT- HP / 2676-IND/10.2/2014-2132 dated 07-08-2014 of Director (Tourism)-cum- Mission Director IDIPT, H. P. and your Letter No. MCS /Comm./ Parking / 2014- 1734 dated 07-08-2014 vide which No Objection Certificate from the State Pollution Control Board has been requested for establishing Multilevel Car Parking with Civic Amenities at Tutikandi, Shimla, H.P.

In this context, I am directed to intimate that the State Board has No Objection for considering the application for diversion of forest land for establishing the Multilevel Car Parking with Civic Amenities at Tutikandi, Shimla, H.P. subject to the following conditions:-


- i) This NOC is only for the purpose of consideration of application for Forest Clearance for proposed Multilevel Car Parking with Civic Amenities at Tutikandi, Shimla, H. P.
- ii) This shall not be construed by any means, as all encompassing and any other NOC/ Clearance required for proposed institute shall have to be obtained.
- iii) The proponent shall make all the requisite arrangements for treatment & disposal of the sewage and solid waste arising from the institute.
- iv) The prior Environment Clearance shall also be obtained from Govt. of India under the provisions of EIA- 2006 for the proposed car parking in case the total built up area exceeds 20,000 m².

Yours faithfully,

 Senior Environmental Engineer (HQ)
 Dated

Endst. No. HPSPCB /Misc. Consent, R. O. Shimla /14-

Copy forwarded to the following for information and necessary action:-

1. The Director (Tourism)-cum-Mission Director, Infrastructure Development Investment Program for Tourism H. P. Tourism Development Board Deptt. of Tourism and Civil Aviation, H. P. PMU Office U. S. Club Shimla- 1 w.r.t. Letter No. 2081 dated 05-08-2014 and No. 2132 dated 07-08-2014.
2. The Environmental Engineer, H. P. State Pollution Control Board, Regional Office, Shimla.


 Senior Environmental Engineer (HQ)

Annexure 9: NoC from Ministry of forest dated 01-10-2014 (Hindi)


Government of India
Ministry of Environment, Forests & Climate Change
Regional Office

FRI Campus, Pearson Road
 P.O. New Forest
 Dehradun – 248006
 Phone: 0135-2750809

पत्र सं० 9-HPB 830/2011-CHA / 378 दिनांक: 01.10.2014

सेवा में,
 प्रधान सचिव,
 हिमाचल प्रदेश सरकार, वन विभाग,
 सिविल सचिवालय, शिमला

विषय: Diversion of 1.1210 ha of forest land in favour of commissioner Municipal Corporation Shimla for the construction of Car Parking near Tourism information centre at old barrier Shimla, within the jurisdiction of Shimla Forest Division & District Shimla, H.P.

सन्दर्भ: अपर प्रधान मुख्य वन संरक्षक एवं नोडल अधिकारी, हिमाचल प्रदेश का पत्रांक-48-2101/2010 (एफओसीओ) दिनांक 22.09.2014 एवं वन संरक्षक (खेन्दीच) उत्तरी क्षेत्रीय कार्यालय का पत्रांक -8 -एचओपीओबी 830/2011 - सीओएचओबी दिनांक-08.12.2011

महोदय,
 कृपया उपर्युक्त विषय से सम्बन्धित नोडल अधिकारी एवं अपर प्रधान मुख्य वन संरक्षक, हिमाचल प्रदेश, शिमला का उपरोक्त संदर्भित पत्र का आशय ग्रहण करने का कष्ट करें। जिसमें वन संरक्षण अधिनियम 1980 की धारा-2 के अधीन केन्द्रीय सरकार की उपर्युक्त विषय के लिए अनुमति मांगी गयी थी।
 राज्य सरकार के प्रस्ताव का ध्यानपूर्वक अध्ययन करने के पश्चात् उपर्युक्त उद्देश्य हेतु 1.1210 हे० वन भूमि के उपयोग के लिए सक्षम प्राधिकारी की विधिवत् स्वीकृति निम्नलिखित शर्तों पर प्रदान की जाती है:

1. वन भूमि की विधिवत् परिस्थिति बदली नहीं जाएगी।
2. कम से कम वृक्ष कटवाए जावेंगे जिनकी संख्या प्रस्ताव के अनुसार PF/10 Malgi में प्रयोक्ता एजेंसी से प्राप्त कार्य 2,17,250/- की राशि से कुल 2,242 हे० निम्नकुल वन भूमि में पीछे खगाकर किया जाएगा। प्रतिवृत्ति पीछानोपन इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
3. एन.पी.डी. की दरो में अगर बढ़ोतरी होती है तो प्रयोक्ता अभिकरण बड़ी बरत पर एन.पी.डी. देने के लिए बाध्य होगा।
4. प्रयोक्ता अभिकरण द्वारा प्रस्तावित वन क्षेत्र के आस-पास मजदूरों/स्टॉफ के लिये किसी भी प्रकार का काम नहीं लगाया जायेगा।
5. प्रयोक्ता अभिकरण के द्वारा निर्माण कार्य के दौरान स्थल पर बाधित मजदूरों एवं स्टॉफ के लिये रसोई वॉश/कैरेशन टैल की आपूर्ति की जायेगी, जिससे निकटवर्ती वनों की क्षति न पहुँचे।
6. परियोजना के निर्माण व रख-रखाव के दौरान आस-पास के क्षेत्र की ठनस्थलियाँ एवं जीव-जन्तुओं को किसी प्रकार की क्षति नहीं पहुँचायी जायेगी।
7. वन भूमि का प्रयोग प्रस्ताव में दर्शाये उद्देश्य के अलावा अन्य किसी उद्देश्य के लिए नहीं किया जायेगा।

9. प्रस्तावित भूमि का सीमांकन प्रयोक्ता अभिकरण को धरने पर Rec pillar द्वारा किया जाएगा, जिसका forward तथा Backward इन्तपदह अंकित होगा।
10. पर्यावरण एवं वन मंत्रालय, नई दिल्ली द्वारा जारी दिशा-निर्देश संख्या 11-48/2002-एफ.सी. दिनांक 29/30 अप्रैल 2006, 5-3/2007-एफ.सी. दिनांक 17 जनवरी 2011 तथा अन्य जारी दिशा-निर्देशों की पालना सुनिश्चित की जायेगी।
11. यदि कोई अन्य सम्बन्धित अधिनियम/अनुच्छेद/विधिम/न्यायलय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जल्दी अनुमति लेना राज्य सरकार/प्रयोक्ता एजेंसी की जिम्मेवारी होगी।

उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं जाए जाने पर मंत्रालय इस स्वीकृति को स्वर्णित/रद्द कर सकता है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों की अनुपालना सुनिश्चित करेगी।

नवीन,

(डी०पी० सिन्हा)

अपर प्रमुख, मुख्य वन संरक्षक
क्षेत्रीय कार्यालय देहरादून

प्रतिलिपि सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित

1. अपर वन महानिदेशक (एफओसीओ), पर्यावरण एवं वन मंत्रालय, पर्यावरण भवन, को.जी.ओ. कॉम्प्लेक्स, कोयी रोड, नई दिल्ली।
2. प्रधान मुख्य वन संरक्षक एवं नोडल अधिकारी, हिमाचल प्रदेश सरकार, वन विभाग, टॉलैज, शिमला।
3. Divisional Forest Officer, Shimla Forest Division, Distt. Shimla, H.P.
4. Commissioner, Municipal Corporation, Shimla, H.P.
5. अतिरिक्त प्रशासकी।

(डी०पी० सिन्हा)

अपर प्रमुख, मुख्य वन संरक्षक
क्षेत्रीय कार्यालय देहरादून

Transcript
NoC from Ministry of forest dated 01-10-2014 (English)

Government of India
Ministry of Environment, Forests & Climate Change
Regional office

FRI Campus, Pearson Road,
P.O. New Forest,
Dehradun- 248006,
Phone: 0135-275080

Letter No. 9-HPB 830/2011-CHA/378

Dated: 01.10.2014

To,

Principal Secretary,
 Forest Department, Govt. of Himachal Pradesh
 Civil Secretariat Shimla.

Subject: Diversion of 1.1210 Ha of Forest land in favor of Commissioner, Municipal Corporation Shimla for the construction of Car parking near Tourism information Centre at Old barrier Shimla, within the jurisdiction of Shimla Forest Division & District Shimla, H.P.

Reference: Addl. Principal Chief Conservator of Forest cum-Nodal Officer, Himachal Pradesh letter No. 48-2101/2010 (FCA) dated 22.09.2014 and Forest Conservator (Central) North Regional office letter no. 9-HPB 830/2011- CHA dated 09.12.2011.

Sir,

This is with reference to above referred letters vide which permission was requested for the above mentioned subject under clause 2 of Forest Conservation Act, 1980 from Govt of India.

The proposal received from the State Government was thoroughly studied and NoC is granted for construction of parking complex on 1.1210 Ha forest land on the following terms and conditions:

1. The existing legal status of forest land shall not be changed.
2. The number of trees cut should be minimal and it shall not exceed to 215.
3. As per plan PF/10 Malgi for compensatory afforestation of Rs.2,17,250/- has been received from Implementing agency. The planting of trees on 2.242 HA forest land shall be done within one year from date of issue of this letter.

4. N.P.V rates are increased then the implementing agency has to bear the increased amount
5. No camps shall be made by the Implementing Agency for residing the labour/ staff on the proposed site.
6. The implementing agency shall provide LPG/ Kerosene oil to its labour/ staff so that the trees are not damaged.
7. During construction of the project, due care to be taken for plants and animals in the vicinity.
8. The forest land shall be utilized for the said objectives and not for any other purposes.
9. The demarcation of the project land should be done on the expenses of the procurer, RCC pillar method shall be used.
10. The instructions of Ministry of Environment & Forest, New Delhi vide letter no. 11-48/2002-FC dated 29/30th April, 2005, 5-3/2007- FC dated 17.January, 2011 and other instructions received should be adhered to.
11. If any clause/ rule/ Court order etc. is applicable on the project, the State Government/ User Agency shall be responsible for taking the permission themselves.

If the above conditions are not fulfilled then the Ministry will cancel the NoC. The State Government, through Forest Department is responsible for fulfilling all the conditions.

Yours Faithfully,
 -----Sd-----

(D.P. Singh)
 Principal Chief Conservator of Forest,
 Dehradun.

-----Sd-----
 (D.P. Singh)
 Principal Chief Conservator of Forest,
 Dehradun.

Annexure 10: HPSEIAA EC dated 25 June, 2016



State Level Environment Impact Assessment Authority

Himachal Pradesh

Ministry of Environment, Forest & Climate Change, Government of India,

at Department of Environment Science & Technology,

Paryavaran Bhawan, Near US Club, Shimla-1

Ph: 0177-2656589, 2659608 Fax: 2659609

F. No. HPSEIAA/2016/IDIPT-HP-1731

Dated: 25/6/2016

To

Sh. Manoj Sharma,
Project Director,
IDIPT-HP, US Club, Shimla 171001,
Phone No. 0177-2812899.

575
25/6/2016

Subject: Project proposal for Multi-Story Parking at Tutikandi, Shimla by Sh. Manoj Sharma,
Project Director, IDIPT-HP – Environmental Clearance-reg.

Sir,

This has a reference to your application dated 25/5/2016 seeking prior environmental clearance for the above project under Environment Impact Assessment Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the Environment Impact Assessment Notification, dated 14th September 2006 on the basis of documents viz: Form-I, Pre-feasibility Report, EIA/EMP etc. by the State Expert Appraisal Committee constituted by the competent authority in its 45th Meeting held on May 23-25, 2016. The said project involves following salient features:

a. Project type	Building-Construction Project (Category 8-a) (Multi-Story Parking at Tutikandi, Shimla)
b. Project Location	Khasra number 821 at Mohal Tuni Kandi, Shimla, opposite Tourist Information Centre, Shimla, Himachal Pradesh
c. Project Capacity	700 car spaces + other circulation spaces
d. Cost of Project	Rs. 66.65 Crores
e. Built up Area	33,906.69 m ²
f. Plot Area	11210.94 m ²
g. EMP costs	Rs. 1.85 Crores (Including CSR costs)
h. Institutional Mechanisms for Env. Protection	The following will be responsible for maintenance of APCDs and Solid Waste Management sites: i) Construction phase: Developer/ Project Proponent. ii) Operational Phase: Developer/ Project Proponent.

The SEIAA examined the proposal in its 27th Meeting held on 10th June, 2016 and considered the recommendations made by SEAC in its 45th Meeting held on May 23-25, 2016. After considering the recommendations of the State Level Expert Appraisal Committee, the State level Environmental Impact Assessment Authority accords Environmental Clearance to the project as per provisions of the EIA Notification No. S.O. 1533 dated 14th September, 2006 of Ministry of Environment & Forests, Govt subject to strict compliance of terms and conditions as mentioned below. The Authority reserves the right to revise, revoke or impose additional condition at any stage.

Part-A- Specific Conditions:

I- Construction Phase:

- "Consent to Establish" shall be obtained from H.P. State Pollution Control Board under Water (Prevention and Control of Pollution) Act 1974 and Air (Prevention and Control of Pollution) Act 1981 a copy of same shall be submitted to State Environment Impact Assessment Authority (SEIAA) before start of any construction work at the site.
- Provisions shall be made for the housing of labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, canteen etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

- All required sanitary and hygienic measures should be taken before, during and after the completion of project.
- A First Aid Room will be provided in the project both during construction and operation phase of the project.
- Adequate drinking water, fuel and sanitary facilities should be provided for construction workers at the site. Provisions should be made for mobile toilets.
- The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.
- All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
- Disposal of muck including excavated material during construction phase should not create any adverse effects on the neighboring communities and disposed-off taking the necessary precautions for general safety and health aspects of public, only in approved sites with the approval of competent authority.
- Soil and ground water samples shall be got tested from authorized agency to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the competent authority. Diesel generator sets during construction phase should have acoustic enclosures and should conform to Environment (Protection) Act, 1986 and Rules framed there under for air and noise emission standards. Low sulphur diesel type should be used.
- The diesel required for operating DG sets shall be stored in under tanks and if required, clearance from Chief Controller of Explosives shall be taken.
- Vehicles/ equipment deployed during construction phase should be in good condition and should conform to applicable air and noise emission standards, should have vehicle pollution check certificate and should be operated only during non-peak hours.
- Ambient noise levels should conform to residential standards both during day and night. Only limited necessary construction should be done during night time. Fortnightly monitoring of ambient air quality (SPM, SO₂ and NO_x) and equivalent noise levels should be ensured during construction phase should be closely monitored during construction phase so as to conform to the stipulated standards fixed by the competent authority. Storm water control and its re-use for various applications as per guidelines.
- Boundary wall shall be constructed in such a manner as not to be obstructing the flow of storm water. Necessary arrangement shall be made for the drainage of surrounding area.
- Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices and technologies available.
- Permission to draw ground water shall be obtained from the competent Authority prior to construction/ operation of the project. Opaque wall should meet perspective requirement as per Energy.
- Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is operational for non-air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
- The proponent shall be liable for action under the Environment (Protection) Act, 1986 for the violation of any provision of the said Act.

II- Operational Phase:

- The installation of the Effluent Treatment Plant/Sewage Treatment Plant (STP) shall be certified by an independent expert or NABL approved, authorized dealer/expert and a report in this regard should be submitted to the Member Secretary, HPSEIAA at Director, Department of Environment, Science & Technology before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards prescribed. Necessary measures should be made to mitigate the odour problem from STP.
- The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable materials.

IDIPT-HP 1/4

IDIPT-HP 2/4

3. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. The proponent shall be required to use low sulphur diesel. The location of the DG sets may be decided in consultation with the competent authority.
4. Noise pollution should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
5. The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.
6. Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon periods.
7. Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and grease.
8. The bore well for rainwater recharging should be kept at least 5 mtrs. above the highest ground water table.
9. The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
10. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized as per norms prescribed by the Competent Authority and no public space should be used for this purpose.
11. Energy conservation measures like installation of CFLs for the lighting the surrounding areas/outside areas the building should be integral part of the project design and should be in place before project commissioning. Used CFLs/ TFLs should be properly collected and disposed off/ sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the possible extent.
12. Adequate steps should be taken to prevent odour problem from solid waste processing site and STP.
13. Sprinkling of water etc. be used for air pollution control during construction phase so as to avoid disturbance to the surroundings.

Part-B- General Conditions:

1. The environmental safe guards contained/given in the proposal for management of environmental pollution should be implemented in letter and spirit.
2. Six monthly environment monitoring reports shall be submitted to the State Environment Impact Assessment Authority and Ministry of Environment & Forests Regional Office at Dehradun.
3. Officials from the State Environment Impact Assessment Authority, Regional Office of MoEF, Dehradun and Department of Environment, Science & Technology GoHP who would be monitoring the implementation of environmental safeguards shall be given full cooperation, facilities and documents/ data by the project proponents during their inspection.
4. In the case of any change (s) in the scope of the project, the project would require a fresh appraisal by this Authority.
5. The SEIAA reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safe guards and measures in a time bound and satisfactory manner.
6. All other statutory clearances shall be obtained, as applicable by the project proponents.
7. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and Environment Impact Assessment Notification, 2006.
8. Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.

9. Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

Part-C- Special Conditions:

The Project proponent shall submit compliance of following additional conditions prior to start of operations:

1. The Project proponents shall prepare the DMP as per Risk & Hazard Assessment Study and shall submit the copy of approved DMP to SEIAA.
2. The Project proponents may tie up with the Sulabh International or any other agency for management of Toilets.
3. The space for dormitory drivers to be increased in correlation with the number of vehicles to be accommodated in parking as per undertaking given.
4. The Project proponents shall submit detailed floor size MSW collection and disposal plan and its method for disposal.
5. The Project proponents shall also provide a first aid center in the parking.
6. The Project proponents shall provide STP with tertiary treatment technology and connect waste water with MC line.

Yours sincerely,

Member Secretary

State Level Environment Impact Assessment Authority
Himachal Pradesh

Dated: 2016.

Encl. No. As Above.

Copy to following for further necessary action:

1. The Secretary (Environment), Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110003
2. The Chairman, Central Pollution Control Board, Him Parivesh Bhawan, CBD-cum-office Complex, East Arjun Nagar, New Delhi-110032.
3. The Chairman, Himachal Pradesh State Pollution Control Board, Shimla-171009.
4. The Director (Environment, Science & Technology) to the GoHP, Shimla-171001.
5. Adviser (IA), Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110003.
6. Additional Pr. Chief Conservator of Forests, Ministry of Environment, Forest & Climate Change, Regional Office, C/o Forest Research Institute, P.O. New Forest, Dehradun, Uttarakhand 248006.
7. Monitoring Cell, Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110003
8. Record File.

Member Secretary

State Level Environment Impact Assessment Authority
Himachal Pradesh

Annexure 11: Final Monitoring Mechanism decided for the project

- a) The Department of Tourism (DoT), Government of Himachal Pradesh, is the Executing Agency.
- b) The implementing agency is the Himachal Pradesh Tourism Development Board (HPTDB).
- c) The Project Management Unit (PMU) has been established in Shimla for the overall project management and
- d) Project Implementation Unit (PIU) has been established in Dhaliyara at Distt. Kangra, Shimla and Kullu.
- e) Environmental Specialist has been deputed to the PMU, who will be responsible for implementation of the environmental safeguard provisions. Project Management Consultants (PMC) and Design and Supervision Consultants (DSC) have been recruited to provide assistance to the PMU/PIUs in project implementation.
- f) Within the PMC team, an Environmental Specialist provides overall direction for management of environmental issues, and provides technical support to the PMU including implementation of the environmental safeguards according to ADB requirements, and assist in monitoring impacts and mitigation measures associated with subprojects.
- g) The Environmental Specialist of the DSC team is responsible for preparation of the Environmental assessment documents in line with the EARF and supervises the implementation of the EMP provisions in the subprojects. The DSC Safeguards specialist supports environmental management functions including updating IEEs with respect to sub-project Environmental Management Plans, and assist in monitoring impacts and mitigation measures associated with subprojects. He/she will be required to include mitigation measures in designs where appropriate, and to specify other measures in construction contracts. Contractors will be required by their contracts to implement all specified mitigation, monitoring, and reporting assigned to contractors as presented in the EMP.
- h) The PMU, oversees the implementation of the environmental provisions related to subproject implementation, its responsibilities include preparation and updating of IEEs consistent with the ADBs Safeguards Policy Statement and the environmental compliance requirements of the Government of Himachal Pradesh and the Government of India. Environmental monitoring will be undertaken by the PMU supported by the DSC - Safeguards specialist.
- i) The project includes upfront and on-going supervision and training assistance for environmental monitoring reporting in project management structures. The effective implementation of the measures proposed will be ensured through the building up of capacity towards environmental management within the PMU supplemented with the technical expertise of a Safeguards Specialist as part of the PMC/DSC.
- j) Towards addressing the environmental issues in the project components during design and implementation, the DSC will include provisions for inputs of an Environmental Specialist. In addition to addressing the issues related to environmental management in the project, the Environmental Specialist will play a central role in ensuring capability building on Environmental Management of the PMU/PIU, Contractor and Line Departments.
- k) The sample monitoring plan are as below with responsibility.

Indicators	Parameters	Targets	Frequency	Responsibility	Remedial action
Construction stage					
Ambient Air Quality	PM ₁₀ , PM _{2.5} , NO _x , SO ₂ ,	NAAQMS, 2009	Once during construction	Contractor, through approved Monitoring Agency	Stricter implementation of emission norms
Water quality	TDS, pH, Hardness, Faecal coliform, E coli	Designated best use parameters	Once during construction	Contractor, through approved Monitoring Agency	Identify source of contamination & treat effluent before discharge into receiving waters. For continued non-compliance, invoke penalty clauses
Dust suppression	Frequency, timing & location	No dust rising from construction site	Once a week during construction	PIU through DSC	Increase frequency
Machinery noise	dB (A)	<75Db(A) at 1 m free field from M/C	Once during construction	Contractor, through approved Monitoring Agency	Ensure compliance, for continued non-compliance invoke penalty clause
Occupational Health & Safety (OHS) Management Plan	Plan covers all activities	Compliance with applicable labour laws	Continuous	Contractor	Identify non-compliance and modify plan
OHS implementation record	Site maintenance, medical facilities, instructions, signage	Compliance with OHS	Continuous	Contractor	In case of continued non-compliance, invoke penalty clauses

Annexure 12: EMP Compliance Status for the completed/on-going subprojects

Sr. No.	Name of project	Stipulations	Compliance Status			Work Status	Remark/Remedial Actions
			Complied	Partially complied	Not complied		
1	Naina Devi Destination improvements						
1.1	Circular Road – 1000 m x 3.75 m):	EMP provisions by contractors	✓			Work Completed	Inspection reports documented
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits (included in <i>Environmental Closure Report</i> submitted with EMR (July to December, 2015)
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
1.2	Car parking and other amenities	EMP provisions by contractors	✓			Work Completed	Inspection reports documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits (Environmental Closure Report attached with EMR (July to December, 2017) and QPR (October to December, 2017)
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring			-		Not required (Calibrations being done)
2	Chintpurni Destination improvements						
2.1	Integrated parking, interpretation Centre, toilets & other visitor amenities	EMP provisions by contractors	✓			Work Completed	Inspection reports documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits (Environmental Closure Report will be submitted in next QPR/ EMR)
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring			-		Not required (Calibrations being done)
2.2	Rest sheds, toilet facilities and view points	Part of Contract Package 2.1					

Sr. No.	Name of project	Stipulations	Compliance Status			Work Status	Remark/Remedial Actions
			Complied	Partially complied	Not complied		
	along road from TRC to temple at Chintpurni						
3	Pong dam area subproject proposal						
3.1	Information Centre at Pong Dam	EMP provisions by contractors	✓			Work completed	Inspection reports documented
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> submitted with EMR (July to December, 2015))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
3.2	Parking and toilet facilities	EMP provisions by contractors	✓			Work completed	Inspection reports documented
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> submitted with EMR (July to December, 2015))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
3.3	Camping facilities, with provisions for 10 tents, including toilets etc	EMP provisions by contractors	✓			Work completed	Inspection reports documented
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> submitted with EMR (July to December, 2015))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
3.4	Jetty development	EMP provisions by contractors	✓			Work completed	Inspection reports documented
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i>

Sr. No.	Name of project	Stipulations	Compliance Status			Work Status	Remark/Remedial Actions
			Complied	Partially complied	Not complied		
							submitted with previous EMR (July to December, 2015)
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
3.5	Landscaping and signage	EMP provisions by contractors	✓			Work completed	Inspection reports documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (January to June, 2017))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
4	Ranser island and Karu island improvement subproject proposal						
4.1	Redevelopment of Forest rest house- Ranser island	EMP provisions by contractors	✓			Work completed	Inspection reports documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (January to June, 2017))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
4.2	Jetty development, Ranser and Karu Island	EMP provisions by contractors	✓			Work completed	Inspection reports documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (January to June, 2017))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
4.3	Treks around the island -	EMP provisions by contractors	✓			Work	Inspection reports to be documented.

Sr. No.	Name of project	Stipulations	Compliance Status			Work Status	Remark/Remedial Actions
			Complied	Partially complied	Not complied		
	4km	Ambient Air Monitoring	✓			completed	Testing conducted by HPPCB and results are within permissible limits. (included in enclosed <i>Environmental Closure Report</i> (January to June, 2017)
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
4.4	Landscaping, planting along the peripheral trail and directional signage	EMP provisions by contractors	✓			Work completed	Inspection reports to be documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in Environmental Closure Report (January to June, 2017)
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
4.5	Watch towers for bird watching in Karu island	EMP provisions by contractors	✓			Work completed	Inspection reports to be documented.
		Ambient Air Monitoring					Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (January to June, 2017)
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
5	Forest rest houses & camping sites of VFDS subproject proposal						
5.1 A	Camping sites development at Nagrota Suriyan	EMP provisions by contractors	✓			Work Completed	Inspection reports documented.
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				Testing conducted by HPPCB and results are within permissible limits. (included in Environmental Closure Report (January to June, 2017)

Sr. No.	Name of project	Stipulations	Compliance Status			Work Status	Remark/Remedial Actions
			Complied	Partially complied	Not complied		
		Machinery Noise Monitoring	-	-	-		Not required (calibration being done)
5.1 B	Forest rest house - improvement and camping sites development at Dhameta	EMP provisions by contractors	✓			Work Completed	Inspection reports documented
		Ambient Air Monitoring	✓				Testing conducted by HPPCB and results are within limit. (included in <i>Environmental Closure Report</i> (July to December, 2015))
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				-do-
		Machinery Noise Monitoring	-	-	-		Not applicable
6	Community based tourism activities subproject proposal						
6.1	Community based tourism activities in villages, including skill development, training, etc.						Shifted under consultancy assignments
8	Kangra Town subproject proposal						
8.1	Parking for 100 vehicles at Brajeshwari temple, Kangra	EMP provisions by contractors	✓			Work completed	Testing conducted by HPPCB and results are within permissible limits. (included in <i>Environmental Closure Report</i> (July to December, 2015))
		Ambient Air Monitoring	✓				-do-
		Water Monitoring	✓				-do-
		Ambient Noise Monitoring	✓				Not required
		Machinery Noise Monitoring	-	-	-		Not applicable
9	Shimla subproject proposal						
9.1 A	Shimla Mall Road restoration project	EMP provisions by contractors	✓			Work is in progress	Inspection reports documented.
		Ambient Air Monitoring	✓				PCB does regular monitoring at Bus Station, Shimla, which is near to Mall Road. Results collected from them and are within limits. (refer Annexure-13)
		Water Monitoring		✓			The work is done in small patches hence no major impact is envisaged.
		Ambient Noise Monitoring		✓			PCB does regular monitoring. Results

Sr. No.	Name of project	Stipulations	Compliance Status			Work Status	Remark/Remedial Actions
			Complied	Partially complied	Not complied		
							collected from them and are within limits.
		Machinery Noise Monitoring	-	-	-		Not applicable.
9.1 B	Shimla rehabilitation of town hall	EMP provisions by contractors	✓			Work under progress	Inspection reports documented.
		Ambient Air Monitoring		✓			PCB does regular monitoring at Bus Station, Shimla, which is near to project site. Results collected from them and are within limits. (refer Annexure-13)
		Water Monitoring		✓			Most of work is indoor hence no major impact envisaged.
		Ambient Noise Monitoring		✓			PCB does regular monitoring at Ridge. Results collected from them and are within limits
		Machinery Noise Monitoring		✓			-do-
10	Tutikandi Multistorey Parking Facility	EMP provisions by contractors	✓			Work under progress	Inspection reports documented
		Ambient Air Monitoring	✓				Testing being done as per the EC (SEIAA) on fortnightly basis. (refer Annexure-14)
		Water Monitoring	✓				Testing being done as per the EC (SEIAA) on fortnightly basis. (refer Annexure-15)
		Ambient Noise Monitoring	✓				Testing being done as per the EC (SEIAA) on fortnightly basis. (refer Annexure-15)
		Machinery Noise Monitoring	-	-	-		Not required (Calibrations being done)

Annexure 13: Environmental Monitoring Test Results: Package 9.1 A & 9.1 B (Mall Road & Town Hall)

Concentration of Air Pollutants Monitored at Bus Stand, Shimla												
				SO ₂ µg/m ³			NO _x µg/m ³			RSPM µg/m ³		
	City	Station	Period	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	Shimla	Bus Stand (R)	July, 2017	2.0	9.2	2.0	12.3	33.4	22.4	27.0	97.6	51.4
2	Shimla	Bus Stand (R)	August, 2017	2.0	8.7	2.0	11.0	31.5	23.5	23.7	92.0	41.8
3	Shimla	Bus Stand (R)	October, 2017	2.0	9.2	2.0	13.7	35.6	25.5	23.0	124.8	53.9

Date	Environmental Monitoring	Ambient Noise (Day time) dB(A)	Analysis
31.10.2017	Ridge	58	Results within limit
28.12.2017	Ridge	62	Results within limit

Annexure 14: Environmental Monitoring Test Results for Tutikandi parking

(a) Environmental monitoring analysis for the month of July, 2017

Environmental Monitoring	Ambient Air Quality Results (Average) Inside Construction Site-I		Analysis
	14.07.17 to 15.07.17	25.07.17 to 26.07.17	
PM2.5 µg/m3	50.40	49.16	Results within limit
PM10 µg/m3	89.35	89.50	Results within limit
NO _x µg/m3	15.65	17.74	Results within limit
SO _x µg/m3	6.58	8.14	Results within limit
CO µg/m3	0.65	0.62	Results within limit

Environmental Monitoring	Results (Average) Construction Site-I	Results (Average) Batching Plant-I	Results (Average) Construction Site-I	Results (Average) Batching Plant-I	Analysis
	Ambient Noise Level (14.07.2017 to 15.07.2017)		Ambient Noise Level (25.07.17 to 26.07.2017)		
Ambient Noise (Day time) dB(A)	75.00	75.00	75.00	75.00	Results within limit
Ambient Noise (Night time) dB (A)	70.00	70.00	70.00	70.00	Results within limit

(b) Environmental monitoring analysis for the month of August, 2017

Environmental Monitoring	Ambient Air Quality Results (Average) Inside Construction Site-I		Analysis
	16.08.17 to 17.08.17	28.08.17 to 29.08.17	
PM2.5 µg/m3	48.24	47.85	Results within limit
PM10 µg/m3	89.52	86.13	Results within limit
NO _x µg/m3	16.10	1.25	Results within limit
SO _x µg/m3	6.79	5.99	Results within limit
CO µg/m3	0.68	0.70	Results within limit

Environmental Monitoring	Results (Average) Construction Site-I	Results (Average) Batching Plant-I	Results (Average) Construction Site-I	Results (Average) Batching Plant-I	Analysis
	Ambient Noise Level (16.08.2017 to 17.08.2017)		Ambient Noise Level (28.08.17 to 29.08.2017)		
Ambient Noise (Day time) dB(A)	75.00	75.00	75.00	75.00	Results within limit
Ambient Noise (Night time) dB (A)	70.00	70.00	70.00	70.00	Results within limit

(c) Environmental monitoring analysis for the month of September, 2017

Environmental Monitoring	Ambient Air Quality Results (Average) Inside Construction Site-I		Analysis
	17.09.17 to 18.09.17	24.09.17 to 25.09.17	
PM2.5 µg/m3	49.22	48.72	Results within limit
PM10 µg/m3	88.46	87.99	Results within limit
NO _x µg/m3	19.25	20.54	Results within limit
SO _x µg/m3	6.47	7.60	Results within limit
CO µg/m3	0.78	0.76	Results within limit

Environmental Monitoring	Results (Average) Construction Site-I	Results (Average) Batching Plant-I	Results (Average) Construction Site-I	Results (Average) Batching Plant-I	Analysis
	Ambient Noise Level (16.08.2017 to 17.08.2017)		Ambient Noise Level (28.08.17 to 29.08.2017)		
Ambient Noise (Day time) dB(A)	75.00	75.00	75.00	75.00	Results within limit
Ambient Noise (Night time) dB (A)	70.00	70.00	70.00	70.00	Results within limit

Environmental Monitoring	Soil testing Results	Analysis
19.09.17 to 22.09.17		
pH	7.56	Results within limit
Total hardness as CaCO ₃	117.6	Results within limit
Calcium as Ca	36.13	Results within limit
Alkalinity as CaCO ₃	98.62	Results within limit
Chloride as Cl	17.22	Results within limit
Magnesium as Mg	6.67	Results within limit
Total Dissolved Solids	162.00	Results within limit
Sulphate as SO ₄	2.16	Results within limit
Fluoride as F	0.23	Results within limit
Nitrate as NO ₂	0.12	Results within limit
Iron as Fe	0.19	Results within limit

(d) Environmental monitoring analysis for the month of October, 2017

Environmental Monitoring	Ambient Air Quality Results (Average) Inside Construction Site-I		Analysis
	10.10.17 to 11.10.17	25.10.17 to 26.10.17	
PM2.5 µg/m3	50.02	54.10	Results within limit
PM10 µg/m3	89.26	93.80	Results within limit
NO _x µg/m3	20.18	19.27	Results within limit
SO _x µg/m3	5.98	6.23	Results within limit
CO µg/m3	0.72	0.74	Results within limit

Environmental Monitoring	Results (Average) Construction Site-I	Results (Average) Batching Plant-I	Results (Average) Construction Site-I	Results (Average) Batching Plant-I	Analysis
	Ambient Noise Level (10.10.17 to 11.10.17)		Ambient Noise Level (28.08.17 to 29.08.2017)		
Ambient Noise (Day time) dB(A)	75.00	75.00	75.00	75.00	Results within limit
Ambient Noise (Night time) dB (A)	70.00	70.00	70.00	70.00	Results within limit

(e) Environmental monitoring analysis for the month of November, 2017

Environmental Monitoring	Ambient Air Quality Results (Average) Inside Construction Site-I		Analysis
	08.11.17 to 09.11.17	27.11.17 to 28.11.17	
PM2.5 µg/m3	48.95	52.30	Results within limit
PM10 µg/m3	90.20	93.10	Results within limit
NO _x µg/m3	22.52	27.80	Results within limit
SO _x µg/m3	6.71	8.20	Results within limit
CO µg/m3	0.80	0.92	Results within limit

Environmental Monitoring	Results (Average) Construction Site-I	Results (Average) Batching Plant-I	Results (Average) Construction Site-I	Results (Average) Batching Plant-I	Analysis
	Ambient Noise Level (08.11.17 to 09.11.17)		Ambient Noise Level (28.08.17 to 29.08.2017)		
Ambient Noise (Day time) dB(A)	75.00	75.00	75.00	75.00	Results within limit
Ambient Noise (Night time) dB (A)	70.00	70.00	70.00	70.00	Results within limit

(f) Environmental monitoring analysis for the month of December, 2017

Environmental Monitoring	Ambient Air Quality Results (Average) Inside Construction Site-I		Analysis
	07.12.17 to 08.12.17	20.12.17 to 21.12.17	
PM2.5 µg/m3	48.75	51.78	Results within limit
PM10 µg/m3	91.06	92.64	Results within limit
NO _x µg/m3	25.12	24.72	Results within limit
SO _x µg/m3	6.99	7.66	Results within limit
CO µg/m3	0.91	0.87	Results within limit

Environmental Monitoring	Results (Average) Construction Site-I	Results (Average) Batching Plant-I	Results (Average) Construction Site-I	Results (Average) Batching Plant-I	Analysis
	Ambient Noise Level (08.11.17 to 09.11.17)		Ambient Noise Level (28.08.17 to 29.08.2017)		
Ambient Noise (Day time) dB(A)	75.00	75.00	75.00	75.00	Results within limit
Ambient Noise (Night time) dB (A)	70.00	70.00	70.00	70.00	Results within limit

Sample testing Results

Ambient Air Quality Report: August 2017 (First Fortnight)



Regd. Off: D-142, Sushant Lok-III, Sector-57, Gurgaon - 122003 (Haryana) Tel: 0124-4291036
Laboratory: Samaspur, Opposite Amity International School, Sector-51, Gurgaon - 122001 (Haryana)
Branch Off: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur - 302035 (Rajasthan) Tel: 0141-2983404
(ISO 9001|ISO 14001|OHSAS 18001|MoEF & CC Recognized|NABL Accredited|RSPCB Approved)

Test Certificate

Sample Number: VEL/TMSPF/A/001 Report No.: VEL/A/1708/18/01
Issued To: M/s Shah Technical Construction (P) Ltd.
(In Association with Grassroot Research and Consultancy)
Tourist Information Centre, Teh- Dehra, Distt- Kangra. Format No.: 5.10 F-01
Party Reference No.: NIL
Reporting Date: 24/08/2017
Period of Analysis: 18/08/2017- 23/08/2017
Receipt Date: 18/08/2017
Name & Address of the Party: Tutikandi Multi-Storey Parking Facility,
Shimla Tutikandi By pass Crossing,
Near Tourist Information Centre,
Shimla (HP) – (Package No.-HP/IDB/10).

Sample Description: AMBIENT AIR QUALITY MONITORING

General Information:-

Sample collected by : Vardan Enviro Lab Representative
Sampling Location : Inside Construction Site- I
Instrument Used : RDS & FPS sampler with all Accessories
Instrument Code : VEL/RDS/18 & VEL/FPS/10
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Partially Cloudy
Date of Monitoring : 16/08/2017 to 17/08/2017
Time of Monitoring : 10:30 AM – 10:30 AM
Ambient Temperature (°C) : Min.26.0, Max. 34.0
Surrounding Activity : Human , Vehicular & Construction Activities
Scope of Monitoring : Regulatory Requirement
Control measure if Any : No
Sampling & Analysis Protocol : IS-5182
Parameter Required : As per client requirement.

S. No.	Parameter	Protocol	Result	Unit	NAAQS* Limit
1.	Particulate Matter (PM _{2.5})	*SOP No. VEL/SOP/01, Section No. SP 63	48.24	µg/m ³	60
2.	Particulate Matter (PM ₁₀)	IS: 5182 (P-23), 2006	89.52	µg/m ³	100
3.	Nitrogen Dioxide (NO ₂)	IS: 5182 (P-6), Reaffirmed-2006	16.10	µg/m ³	80
4.	Sulphur Dioxide (SO ₂)	IS: 5182 (P-2), Reaffirmed-2012	6.79	µg/m ³	80
5.	Carbon Monoxide (CO)	IS: 5182 (P-10), Reaffirmed-2003	0.68	mg/m ³	4

* NAAQS – National Ambient Air Quality Standards: Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009.

SOP- Laboratory Standard Operating Procedure.

(Tested By)
Mr. MOHAMMAD ANAS
M.Sc. Env. Science

(Checked By)
Mrs. DEEPIKA DHAWAN
M.Sc. Env. Science

Devarav Chauhan
Technical Manager

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NOTE: a) The results listed refer only to the tested samples & applicable parameters
b) Total liabilities of our lab will be restricted to the invoice amount only
c) The sample will be destroyed after retention time unless otherwise specified
d) This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law

Tel: 0124-6522261, 8588859161 | E-mail: lab@vardanenvironet.com | www.vardanenvironet.com

Ambient Noise Quality Report: August 2017 (First Fortnight)

Vardan EnviroLab
Regd. Off: D-142, Sukhant Lok-II, Sector-57, Gurgaon - 122003 (Haryana) Tel: 0124-4291036
Laboratory: Samaspur, Opposite Amity International School, Sector-51, Gurgaon - 122001 (Haryana)
Branch Off: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur - 302015 (Rajasthan) Tel: 0141-2983404
(ISO 9001:2015) (ISO 14001) (OHSAS 18001) (MoEF & CC Recognized) (NABL Accredited) (RSPCB Approved)

Sample Number: VEL/TMSPP/AN/01 **Test Certificate** **Report No.:** VEL/AN/1708/1800
Issued To: Ma Shik Technical Construction (P) Ltd. **Format No.:** 5.10 F-01
(In Association with Geomast Research and Consultancy) **Party Reference No.:** NIL
Reporting Date: 14/08/2017 **Receipt Date:** 16/08/2017
Name & Address of Party: Tatkandi Multi-Storey Parking Facility, Shikha Tatkandi By pass Crossing, Near Tatkandi Information Centre, Tatk-Delira, Distt- Keerla.
Sample Description: AMBIENT NOISE LEVEL MONITORING

General Information:
Sample collected by: Vardan Enviro Lab Representative
Sampling Location: Construction Site - I
Instrument Used: VEL/SN13003
Instrument Code: Calibration
Instrument Calibration Status: Partially Cloudy
Meteorological condition during monitoring: 16/08/2017 to 15/08/2017
Date of Monitoring: 09:00 AM to 09:00 AM
Time of Monitoring: Min 26.0, Max 34.8
Ambient Temperature (°C): Human, Vehicular & Construction Activities
Surrounding Activity: Regulatory Requirement
Control measure if Any: No any
Sampling & Analysis Protocol: CPCB Guidelines & IS-9889
Sampling Duration: 24 Hours
Parameter Required: As per Work Order

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (07:00 am to 06:00 pm)	Night Time (06:00 pm to 06:00 am)	
1.	L_{eq}	CPCB Guidelines IS 9889	72.8	61.1	dB(A)
2.	L_{max}	CPCB Guidelines IS 9889	54.3	58.5	dB(A)
3.	L_{min}	CPCB Guidelines IS 9889	62.76	16.18	dB(A)
4.	CPCB Levels in dB(A) Leq (Outdoors Area)	-	75.48	50.03	dB(A)

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Vardan EnviroLab
Regd. Off: D-142, Sukhant Lok-II, Sector-57, Gurgaon - 122003 (Haryana) Tel: 0124-4291036
Laboratory: Samaspur, Opposite Amity International School, Sector-51, Gurgaon - 122001 (Haryana)
Branch Off: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur - 302015 (Rajasthan) Tel: 0141-2983404
(ISO 9001:2015) (ISO 14001) (OHSAS 18001) (MoEF & CC Recognized) (NABL Accredited) (RSPCB Approved)

Sample Number: VEL/TMSPP/AN/02 **Test Certificate** **Report No.:** VEL/AN/1708/1802
Issued To: Ma Shik Technical Construction (P) Ltd. **Format No.:** 5.10 F-01
(In Association with Geomast Research and Consultancy) **Party Reference No.:** NIL
Reporting Date: 14/08/2017 **Receipt Date:** 16/08/2017
Name & Address of Party: Tatkandi Multi-Storey Parking Facility, Shikha Tatkandi By pass Crossing, Near Tatkandi Information Centre, Tatk-Delira, Distt- Keerla.
Sample Description: AMBIENT NOISE LEVEL MONITORING

General Information:
Sample collected by: Vardan Enviro Lab Representative
Sampling Location: Blotching Plant - I
Instrument Used: Sound Level Meter
Instrument Code: VELS/SLM04
Instrument Calibration Status: Calibration
Meteorological condition during monitoring: Partially Cloudy
Date of Monitoring: 16/08/2017 to 17/08/2017
Time of Monitoring: 00:00 AM to 06:00 AM
Ambient Temperature (°C): Min 26.0, Max 34.8
Surrounding Activity: Human, Vehicular & Construction Activities
Scope of Monitoring: Regulatory Requirement
Control measure if Any: No any
Sampling & Analysis Protocol: CPCB Guidelines & IS-9889
Sampling Duration: 24 Hours
Parameter Required: As per Work Order

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (07:00 am to 06:00 pm)	Night Time (06:00 pm to 06:00 am)	
1.	L_{eq}	CPCB Guidelines IS 9889	79.28	63.7	dB(A)
2.	L_{max}	CPCB Guidelines IS 9889	56.2	54.5	dB(A)
3.	L_{min}	CPCB Guidelines IS 9889	68.34	59.56	dB(A)
4.	CPCB Levels in dB(A) Leq (Outdoors Area)	-	77.80	79.83	dB(A)

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Ambient Air Quality Report: August 2017 (Second Fortnight)



Vardan EnviroLab

Regd. Off: D-142, Sushant Lok-III, Sector-57, Gurgaon - 122003 (Haryana) Tel: 0124-4291036
Laboratory: Samaspur, Opposite Amity International School, Sector-51, Gurgaon - 122001 (Haryana)
Branch Off: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur - 302035 (Rajasthan) Tel: 0141-2983404
(ISO 9001|ISO 14001|OHSAS 18001|MoEF & CC Recognized|NABL Accredited|RSPCB Approved)

Test Certificate

Sample Number: VEL/TMSPF/A/001 Report No.: VEL/A/1708/29/01
Issued To: M/s Shah Technical Construction (P) Ltd.
(In Association with Grassroot Research and Consultancy)
Tourist Information Centre, Teh- Dehra, Distt- Kangra. Party Reference No.: NIL
Name & Address of the Party: Tutikandi Multi-Storey Parking Facility, Shimla Tutikandi By pass Crossing, Near Tourist Information Centre, Shimla (HP) – (Package No.-HPTDB/10). Reporting Date: 02/09/2017
Period of Analysis: 29/08/2017– 02/09/2017
Receipt Date: 29/08/2017

Sample Description: AMBIENT AIR QUALITY MONITORING

General Information:-

Sample collected by : Vardan Enviro Lab Representative
Sampling Location : Inside Construction Site- I
Instrument Used : RDS & FPS sampler with all Accessories
Instrument Code : VEL/RDS/18 & VEL/FPS/10
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Partially Cloudy
Date of Monitoring : 28/08/2017 to 29/08/2017
Time of Monitoring : 10:20 AM 10:20 AM
Ambient Temperature (°C) : Min.26.0, Max. 33.0
Surrounding Activity : Human, Vehicular & Construction Activities
Scope of Monitoring : Regulatory Requirement
Control measure if Any : No
Sampling & Analysis Protocol : IS-5182
Parameter Required : As per client requirement.

S. No.	Parameter	Protocol	Result	Unit	NAAQS* Limit
1.	Particulate Matter (PM ₁₀)	SOP No. VEL/SOP/01, Section No. SP 63	47.85	µg/m ³	60
2.	Particulate Matter (PM _{2.5})	IS: 5182 (P-23), 2006	86.13	µg/m ³	100
3.	Nitrogen Dioxide (NO ₂)	IS: 5182 (P-6), Recalibrated-2006	17.25	µg/m ³	80
4.	Sulphur Dioxide (SO ₂)	IS: 5182 (P-2), Recalibrated-2012	5.99	µg/m ³	80
5.	Carbon Monoxide (CO)	IS: 5182 (P-10), Recalibrated-2003	0.70	mg/m ³	4

* NAAQS – National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-III, Vol-I] 18.11.2009.
SOP: Laboratory Standard Operating Procedure.

By: Mr. Anil Kumar
M.Sc. Env. Science

By: Mrs. Deepika Dhanwan
M.Sc. Env. Science


By: Gaurav Chauhan
Environ. Manager

NOTE: a) The results listed refer only to the tested samples & applicable parameters.
b) Total liabilities of our lab will be restricted to the invoice amount only.
c) The sample will be destroyed after retention time unless otherwise specified.
d) This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law.


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Ambient Noise Quality Report: August 2017 (Second Fortnight)



Regd. Off: D-142, Sushant Lok-II, Sector-57, Gurgaon - 122003 (Haryana) Tel: 0124-4291036
Laboratory: Samaspur, Opposite Amity International School, Sector-51, Gurgaon - 122001 (Haryana)
Branch Off: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur - 302035 (Rajasthan) Tel: 0141-2983404
(ISO 9001|ISO 14001|OHSAS 18001|MoEF & CC Recognized|NABL Accredited|RSPCB Approved)



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Sample Number: VEL/TMSPE/AN/ 01 **Test Certificate** **Report No.:** VEL/AN/1708/28/01

Issued To: M/s Shah Technical Construction (P) Ltd. **Format No.:** 5.10 F-01

(In Association with Grassroot Research and Consultancy)
Tourist Information Centre, Teh- Dehra, Dist- Kangra. **Party Reference No.:** NIL

Name & Address of Party: Tutikandi Multi-Storey Parking Facility, Shimla Tutikandi By pass Crossing, Near Tourist Information Centre, Shimla (HP)-(Package No.-HPTDR/10). **Reporting Date:** 02/08/2017

Sample Description: AMBIENT NOISE LEVEL MONITORING **Receipt Date:** 29/08/2017

General Information:-
Sample collected by: Vardan Enviro Lab Representative
Sampling Location: Construction Site- I
Instrument Used: Sound Level Meter
Instrument Code: VEL/S/LM03
Instrument Calibration Status: Calibrated
Meteorological condition during monitoring: Partly Cloudy
Date of Monitoring: 28/08/2017 to 29/08/2017
Time of Monitoring: 06:00 AM to 06:00 AM
Ambient Temperature (°C): Min.28.0, Max. 33.0
Surrounding Activity: Human, Vehicular & Construction Activities
Scope of Monitoring: Regulatory Requirement
Control measure if Any: No any
Sampling & Analysis Protocol: CPCB Guidelines & IS-9989
Sampling Duration: 24 Hours
Parameter Required: As per Work Order

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S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	L_{max}	CPCB Guidelines/ IS-9989	75.8	83.6	dB(A)
2.	L_{min}	CPCB Guidelines/ IS-9989	56.3	55.7	dB(A)
3.	L_{eq}	CPCB Guidelines/ IS-9989	64.12	57.26	dB(A)
4.	CPCB Limits in dB(A) Leq (Industrial Area)	-	70.00	70.00	dB(A)

Tested By: *[Signature]* **Mrs. DEEPIKA CHANDAN**
Lab of the Science

Technical Manager *[Signature]*

NOTE: all the results listed refer only to the tested sample & applicable parameters
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S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	L_{max}	CPCB Guidelines/ IS-9989	77.2	86.0	dB(A)
2.	L_{min}	CPCB Guidelines/ IS-9989	57.4	51.7	dB(A)
3.	L_{eq}	CPCB Guidelines/ IS-9989	68.04	68.15	dB(A)
4.	CPCB Limits in dB(A) Leq (Industrial Area)	-	70.00	70.00	dB(A)

Tested By: *[Signature]* **Mrs. DEEPIKA CHANDAN**
Lab of the Science

Technical Manager *[Signature]*

NOTE: all the results listed refer only to the tested sample & applicable parameters
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