An Environmental Management Plan (EMP) For The Demolition of Existing Building Of Department of Hydrology and Meteorology Babarmahal, Kathmandu

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Environmental Management Plan (EMP) for DHM Buildings Demolition

1. Introduction of Project

GoN has prepared a Strategic Program for Climate Resilience (SPCR), which was approved by Climate Investment Fund (CIF). SPCR, Nepal identified four projects for investment. The Building Resilience to Climate Related Hazards (BRCH) is one of the four projects funded through the Nepal Pilot program for Climate Resilience (PPCR) under the Strategic Climate Fund. The main objective of the BRCH project is to enhance government capacity to mitigate climate related hazards by improving the accuracy and timeliness of weather and flood forecasts and warnings for climate-vulnerable communities, as well as developing agricultural management information system services to help farmers mitigate climate-related production risks. This would be achieved by establishing multi-hazard information and early warning systems, upgrading the existing hydro-meteorological system and agricultural management information system, and enhancing capacity. Activities funded through the project would help improve decision-making and planning in key climate vulnerable and water resources dependent sectors particularly agriculture, health, water and disaster management, and contribute to building climate resilience for communities at risk. The BRCH project became effective in June 2013 and is currently under implementation.

The World Bank Funder BRCH project is coordinated by MoSTE (Ministry of Science, Technology & Environment) and implemented jointly by the Department of Hydrology and Meteorology (DHM) and the Ministry of Agricultural Development (MoAD). The project comprises following four components:

A. Institutional strengthening, capacity building and implementation support of DHM;
B. Modernization of observation networks and forecasting;
C. Enhancement of the service delivery system of DHM; and
D. Creation of an agriculture management information system (AMIS).

DHM is responsible for the implementation of Components A, B and C and MoAD is responsible for implementing Component D (i.e. Creation of AMIS). For detailed information on the BRCH Project please refer to the Project Appraisal Document (link: http://documents.worldbank.org/curated/en/2012/12/17116662/nepal-building-resilience-climate-related-hazards-project).

One of the objectives of the component B is to refurbish DHM offices and facilities. The existing office building is required to demolish before the refurbishment on same location. So the scope of the subproject is to dismantlement of the existing DHM building with environmental friendly manner.

a. Requirement of the EMP

In accordance with the World Bank safeguard Policy and Environmental and Social Management Framework (ESMF) of BRCH project the proposed activity required
screening for environmental impacts. During the screening process it is required for the preparation of an Environmental Management Plan (EMP) for the existing Building Demolition activity.

2. **Objective**
   The prime objective is to implement EMP during demolition of DHM buildings (Main building and annex four buildings) Specific objectives are:
   
   - To demolish the building considering the safety so as to ensure the protection of the worker, general public, and adjacent property;
   - To demolish the existing DHM Building adopting the standard safety measures and segregate the debris in to recyclable and non recyclable for proper disposal and management of wastes;
   - To investigate and find suitable sites for the disposal of the debris and dispose the materials in the designated sites
   - To separate out the potential hazardous materials and dispose with proper environmental management and safety,
   - Transport and dispose materials which cannot be reused and recycled in safety manners;
   - Clearance of the site for the construction of the new DHM building

3. **Scope of work**
   The main scope of the EMP is to demolish the main DHM building including (four) other annex buildings in Babarmahal with the safe and environmental friendly manner. The EMP also include demolishing the buildings in environmental friendly manner without any significant environmental impacts and pollution on physical, biological and socio-economic environment of the surrounding area.

4. **Location of DHM Building**
   The building is located in core dense settlement of Kathmandu metropolitan ward no.11 where dense urban settings mandate protection of property adjacent to the proposed demolition work. The building is located in north of Araniko Highway. The building is surrounded by district court in south, ground water development committee office in west, NMB Bank and Kathmandu District Administration Officer in east and Department of Food Technology and Quality Control in north side.
Physical Condition:
The existing DHM building is located in Ward No.11 of Kathmandu Metropolitan city of Nepal. A dense area with most of official buildings and residential area this area is taken as a downtown of Kathmandu valley. The existing building area is in the elevation of 4,258 ft from the sea level and within the periphery of 27°49′33.91″N to 85°19′32″E. The area is located in core city of Kathmandu. The east side road which is an access road to Singh durbar South gate seems busy daytime. The existing building is using the groundwater resource for water supply.

Socioeconomic Condition:
The area is located in front of District Administration Office of Kathmandu. Government service delivery area surrounds the building like DAO, district court, department of food technology and quality control and a private bank. The high transaction and movement of service receivers occurs around the surrounding where a Singadurbar (central administrative building of GoN) is in north The road of the eastern side connects the Maitighar-Tinkune road to the Singhdurbar Access road from south gate.

Biological Condition:
No flora and fauna of any Biological significance exist in the proposed demolition site.

5. Demolition Process
Demolition of DHM building involves several activities of them foremost step would be a detailed pre-demolition preparatory works such as desired equipments, manpower, ruble disposal site, removing hazardous or regulated materials, obtaining necessary permits from the authority, submitting necessary notifications, disconnecting utilities, and development of site-specific safety and work plans for the workforce, a detail minute by minute planning of strategic stage-wise demolition among others. Extra care should be taken while the demolition is in progress.

Preparatory works to be complied
Following works should be completed before the start of demolition progress

- Surveying of site
- Demolition schedules to be developed including the demolishing, segregating, etc.
- Identification of the sites for disposal of debris (non-recyclable debris)
- Inform the surrounding offices and other residential buildings about the demolition activities, a formal letter to the nearabout offices from the side of DHM.
- Inform the local peoples, pedestrians about the works (by notice or hoarding board)
- Utility service especially electricity must be terminated by cutting and capping utility lines or by rerouting them.
- Occupational and Safety plan to be prepared and implemented measures to be used
- Installing barriers for site protection and pollution (from dust, noise and aggregates) especially on the east side (facing the road) of the existing DHM building. Removal of hazardous materials from the site if any
- Preparation of plan along with strategy to implement
- Scheduling and Planning for transportation of debris not coinciding with peak traffic movement (identifying the route and inform to the pedestrians and traffic)
During the demolition, manual works will be preferred. However the Mechanical work (use of excavators etc.) will also be done as per requirement, but considering safety measures and informing the DHM.

Key steps the demolition work will be as follows:
- First, everything will be removed from all interior surfaces like the official documents, lab instruments and equipments from the equipments section etc.
- Next, all interior doors will be removed, retaining them in their jambs for convenience when they are reused.
- The next step will be removal of all plaster from walls and ceilings by manually as well as mechanically.
- The next step is to remove the roof shingles for loading into a separate roll-off container that could be sell in market that melts them, uses a magnet to remove the nails.
- All ferrous, aluminum, and copper metal is separated and recycled, including some of the newer copper-insulated wiring.
- All of the reusable material and appliances will be collected for reused purpose.
- The materials that could be sold will be collected.
- The debris materials for dispose will also be collected.

6. Potential Environmental Impacts due to demolition

To identify the issues and potential impacts from the demolition activities, series of consultations have been done with the officials around the DHM Building. Meanwhile it was requested to concerning Govt. organizations if there are any issues to be addressed regarding the demolition through a formal letter.

The issues collected through the consultation and formal letter are listed as below:

Key Issue raised during the consultation by Stakeholders
- Dust and Other Pollution
- Noise Pollution and Vibration
- Disturbance to pedestrians during the demolition
- Disturbance to the existing public utilities infrastructures
- Access to Ground Water Office
- Security of the demolished materials and existing neighboring offices
- Stockpiling of deconstructed Materials
- Possible impacts for the
- It will be better to work except office hours to prevent the disturbance for official persons
- It will be better to transport the demolition materials except the office hours
- Prevent the unexpected incidence during the demolition activities
- Prevent the effect to the neighboring office buildings
  (Some of the issues are about the construction of new building. So such issues are avoided)

**Prioritization for the assessment among issues identified and raised**

**Beneficial Impacts:**
- Clearance of area for new proposed building
- Employment generation
- Scenery attraction
- Revenue Generation for the Government

**Possible Adverse Impacts:**

**Impacts during the Demolition Stage**

**I. Physical Impacts:**
- Air, Noise and Dust pollution
- Land and Water Pollution
- Disposal of demolished materials and other wastes
- Disturbance to the local population in the vicinity and pedestrian
- Vibration Impacts
- Impacts from the Parking and vehicle movement

**II. Socio-Economical and cultural Impacts**
- Safety for the labourers
- traffic jam and inconvenience to pedestrian
- Accident for transportation of dispose materials

**III. Impacts during the Transportation and Disposal of Waste**
- Impacts due to the frequent transportation of waste materials
- Dust and noise associated with transportation
- Occupational Health and Safety
- Site selection for waste disposal

7. **Environmental Impact Mitigation Measures**

The issue, impacts and mitigation as well as the responsible agencies are as follows:
### Environmental Management Plan for Building Demolition

#### Environme
tal Impacts

<table>
<thead>
<tr>
<th>Environmental Impacts</th>
<th>Environmental Mitigation Measures</th>
<th>Implementation Stage</th>
<th>Mitigation Cost</th>
<th>Institutional Responsibility</th>
</tr>
</thead>
</table>
| Air, Noise and Dust Pollution During the Dismantling of the building | • Prior information to the adjacent offices regarding the demolishing process, scheduling of the activities etc.  
• Water spraying at the demolition site  
• Fencing / Install barriers( GI sheets, geo-net) especially at the eastern side of the building facing the road) to shield from dust and aggregates  
• Avoid usage of machines/equipment with extra noise;  
• Do not accumulate and burn waste at the site  
• Carry out demolition activities in stages, give adequate notice and information of activities to the adjoining stakeholders | Demolition | No cost | Contractor, PMU, Supervision Consultant |
| Land and Water Pollution | • Identify proper location to dispose wastewater from demolition and other activities in consultation with respective bodies  
• Dispose the waste water in identified location considering the environment and safety  
• Prohibit the contamination of ground water | Demolition | Contractor BOQ, Demolition Contractor | PMU, Supervision Consultant |
Environmental Management Plan for Building Demolition

- In case of hazardous waste store in safe place and make the provision for management
- Before the dumping of the demolition waste, make an agreement with the municipality and concerned agencies to dispose the debris
- Dispose at the designated site identified in coordination with Kathmandu municipality

### Disturbance to the local Population and pedestrians
- Install corresponding signs, hoarding boards, organization of bypasses,
- Install barriers (GI sheets, geo-net) especially at the eastern side of the building facing the road to shield from dust and aggregates
- Provide adequate lighting at demolition site for the night to prevent accident

### Vibration Impact
- Precaution will be taken while using the machines and equipment, during demolition
- Contractor will aware the operator for careful handling of machines and equipment and heavy vehicles like excavators and dump trucks during mechanical demolition
- The contractor will inform the...
surrounding offices and community in prior to operations that bear the risk of nuisance and accidents.
- The contractor will be responsible for compensating if the vibration during demolition will damage any structures.

<table>
<thead>
<tr>
<th>traffic and pedestrian road congestion</th>
<th>Demolition and transportation</th>
<th>Contractor BOQ</th>
<th>PMU, SC</th>
<th>PMU, Supervision Consultant</th>
</tr>
</thead>
<tbody>
<tr>
<td>- The transportation vehicles will be parked within the premises of DHM</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>- Prohibit the parking of the transportation vehicles outside the demolition site</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Put hoarding board to inform the pedestrian and adjacent offices about the activities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Impacts due to the disposal of waste materials</th>
<th>Demolition</th>
<th>Contractor BOQ</th>
<th>Demolition Contractor</th>
<th>PMU, Supervision Consultant</th>
</tr>
</thead>
<tbody>
<tr>
<td>- The solid waste will be segregated at source level and collected in a separate container</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>- The biodegradable wastes will be dumped into a pit located away from the water body and non-degradable waste will be recycled to some extent.</td>
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</tr>
<tr>
<td>- The debris will be disposed at designated spoil site considering all the environment factors</td>
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</tr>
<tr>
<td>- The waste management area (solid, liquid, debris) is designated before the demolition in consultation with</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
### Safety for the Demolition Workers

- Make mandatory the use of safety gears (helmets, safety belts, masks, gloves and boot) by workers depending on nature of work.
- Necessary planning and safety approach will be made for rescue during emergency.
- The PMU will have to check whether the provisions made in the plan are implemented according to plan.
- Workers will be provided with first aid and health facilities at the site.
- There will be provision for group accidental insurance for the workers.
- Child labour is strictly prohibited in all the activities executed by the contractors.
- Penalty for non-compliance to be tied with payment withholding and/or termination of contract.
- Respective provisions will be included in the contract document with contractor.

### Impacts due to the Transportation from the Demolition

- The transportation of the waste and other materials should be in safe manner considering the rule of road traffic.
- The schedule for the transportation

<table>
<thead>
<tr>
<th>Safety for the Demolition Workers</th>
<th>Municipality.</th>
<th>Demolition Contractor BOQ</th>
<th>Demolition Contractor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impacts due to the Transportation from the Demolition</td>
<td>Construction</td>
<td>Contractor BOQ</td>
<td>Demolition Contractor</td>
</tr>
</tbody>
</table>

| Transportation | Construction | Contractor BOQ | Demolition Contractor |

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<table>
<thead>
<tr>
<th>Area</th>
<th>should be made not to coincide during peak traffic hours,</th>
<th>Safety measures to be considered while transporting the materials</th>
<th>Covering of the trucks with plastic sheets to prevent dust pollution and other hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accident for transportation of dispose materials</td>
<td>The transportation of the waste and other materials should be in a safe manner considering the rule of road traffic.</td>
<td>Transportation and Disposal</td>
<td>Contractor BOQ</td>
</tr>
<tr>
<td>Site selection of waste disposal</td>
<td>The waste from the demolition activities will be disposed on the prescribed area in consultation with municipality authority.</td>
<td>Transportation and Disposal</td>
<td>Contractor BOQ</td>
</tr>
</tbody>
</table>

| | Demolition Contractor | PMU, Supervision Consultant |
| | | |

- Transportation and Disposal Contractor BOQ
- Demolition Contractor PMU, Supervision Consultant

- Site selection of waste disposal
- The waste from the demolition activities will be disposed on the prescribed area in consultation with municipality authority.
- The waste disposal should not be near to the any type of water resource or environmentally sensitive area.
- Disposal area should be far from the community and settlement.
- The contractor should consult with the Municipality authority and dispose as designated by the Municipality authority.
- The disposal of waste should not further deteriorate the surrounding environment.

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**Environmental Management Plan for Building Demolition**

<table>
<thead>
<tr>
<th>Impacts on the existing public utilities near to the DHM buildings</th>
<th>Demolition and Transportation</th>
<th>Contractors BOQ</th>
<th>Demolition contractor</th>
<th>PMU, Supervision Consultant</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Public utilities like road, electric poles, telecom poles will not disturbed from the demolition activities</td>
<td>Transportation and Disposal Cost</td>
<td>Demolition Contractor</td>
<td>PMU, Supervision Consultant</td>
<td></td>
</tr>
</tbody>
</table>

**Site selection for the disposal of waste and debris**

<table>
<thead>
<tr>
<th>Site selection for the disposal of waste and debris</th>
<th>Demolition and Transportation</th>
<th>Contractors BOQ</th>
<th>Demolition contractor</th>
<th>PMU, Supervision Consultant</th>
</tr>
</thead>
<tbody>
<tr>
<td>• The disposal area will be selected with the consultation of Municipality authority</td>
<td>Transportation and Disposal Cost</td>
<td>Demolition Contractor</td>
<td>PMU, Supervision Consultant</td>
<td></td>
</tr>
<tr>
<td>• The disposal area will not be the environmentally sensitive area</td>
<td></td>
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</tr>
<tr>
<td>• The disposal area will be far from the water source and community area</td>
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<td></td>
</tr>
</tbody>
</table>

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Note: SC; Supervision Consultant, PMU; Project Management Unit, BRCH; Building Resilience to Climate Related Hazards, DHM; Department of Hydrology and Meteorology, BOQ; Bill of Quantity
8. Institutional Mechanism for the Implementation of EMP

The implementation of the Environmental and social management plan will be implemented as follows institutional mechanism chart.

![Institutional Mechanism Chart]

**Chart 1: Chart showing the Institutional mechanism for the implementation of EMP**

DHM: Department of Hydrology and Meteorology  
DG: Director General  
NPD: National Project Director  
APD: Assistant Project Director  
PMU: Project Management Unit  
ESS: Environment Safeguard Specialist  
SC: Social and Communication Specialist  
DSC: Design and Supervision Consultant

**Roles and Responsibilities:**

**DHM/ PMU**

- ESS will Review and PMU will approval Necessary plan for demolition from the contractor
• Securing necessary permits from other line agencies of GoN
• ESS will prepare final EMP report and approve PMU
• Review and Approval of Monitoring Report

Project Design and Supervision Consultant

• Supervise demolition undertaken by the contractor according to contract document
• Inspect and report contractor's state of works related to EMP respect
• Issue corrective action against works requiring its corrections and verify if it has been respected
• Report all EMP non-conformances to DHM/PMU for action

Contractor

• Survey and pegging of proposed impact area and work according to the ToR and EMP
• Undertake demolition activities according to approved ToR with full respect to EMP specifications as well as to approved environmental management plan
• Be available on site as and when inspections of works is to be undertaken by the , DHM/PMU , SC
• Respect DHM/PMU and Supervision Consultant's instruction for correction action affected against defective works

9. Grievance Redress Mechanism:

A Grievance Redress Mechanism (GRM) will be established to receive, evaluate, and facilitate the resolution of affected people’s concerns, complaints, and grievances about the demolition of the existing building of DHM. During the building demolishing period, grievances of individual/institutional will be addressed. The experts from PMU will provide instruction to contractor to compile the safeguard requirements at mentioned in ToR and EMP. The Social and Environment expert from PMU will play key role to solve the grievances in consultation with contractor and complainer. If not satisfied he/she will file the written complaint in DHM office. The team from DHM will provide best solution based on project scope and limitation. If the complaint do not satisfied then he/she will move for legal treatment as per the legal provision.

10. Environment Monitoring Plan

The environmental Monitoring plan will describes the following parameters and monitoring indicators:
### Environmental Monitoring Plan

<table>
<thead>
<tr>
<th>Parameters/Issues</th>
<th>Responsible Implementing Agency</th>
<th>Verifiable Indicators</th>
<th>Verification Methods</th>
<th>Schedule</th>
<th>Responsible Monitoring Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prior information to the adjacent offices regarding the demolishing process,</td>
<td>Contractor/DHM</td>
<td>Consultation with the neighbouring offices</td>
<td>Consultation and/ Notice letters</td>
<td>Before the Demolition</td>
<td>PMU/SC</td>
</tr>
<tr>
<td>scheduling of the activities etc</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Fencing of the core demolition area prevent dust and noise pollution Install</td>
<td>Contractor</td>
<td>Dust level at demolition site, observed</td>
<td>Observation</td>
<td>Weekly</td>
<td>PMU/SC</td>
</tr>
<tr>
<td>barriers( GI sheets, geo-net to shield from dust and aggregates</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Water spraying at the demolition site</td>
<td>Contractor</td>
<td>Dust level at demolition site, water sprinkling practice</td>
<td>Observation</td>
<td>Daily</td>
<td>PMU/SC</td>
</tr>
<tr>
<td>Avoid usage of machines/equipment with extra noise;</td>
<td>Contractor</td>
<td>Observation of the noise level from the used machines</td>
<td>Observation/Complaints</td>
<td>Weekly</td>
<td>PMU/SC</td>
</tr>
<tr>
<td>Cracks caused by vibration due to demolition activities need to be monitored closely and alternative be sought where problem arises.</td>
<td>Contractor</td>
<td>Case filed or observation around the demolition area</td>
<td>Complaints and observation</td>
<td>Weekly</td>
<td></td>
</tr>
<tr>
<td>Prohibit the contamination of ground water</td>
<td>Contractor</td>
<td>Observe the water quality of groundwater</td>
<td>Observation/Testing</td>
<td>Weekly</td>
<td>PMU/SC</td>
</tr>
<tr>
<td>Dispose the waste water in identified location considering the environment and safety</td>
<td>Contractor</td>
<td>Observe the water quality of groundwater</td>
<td>Observation/Testing</td>
<td>Weekly</td>
<td>PMU/SC</td>
</tr>
<tr>
<td>Install corresponding signs, hoarding boards, organization of bypasses,</td>
<td>Contractor</td>
<td>Observation</td>
<td>Weekly</td>
<td>PMU/SC</td>
<td></td>
</tr>
</tbody>
</table>
11. Conclusion:
The existing building is situated in the busy premises of official area. So the proposed mitigation measures will mitigate the impacts of the proposed demolition activities.
Annex 1: Letters from the concerned offices
भूमिगत जलस्रोत विकास समिति

विषय : राय सुखाव सम्बन्धमा ।

श्री जललाप्रकोष समृद्धिकर्म निर्माण आयोजना,
बबरमहल, काठमाडौं।

तालाको च.न. ०३५३२-४५। मिति २०७६७६ को पत्र प्राप्त भए व्यहोरा अवधार
भयो। उक सम्बन्धमा मांग गरिए अनुसार निर्मन व्यवस्थित राय सुखाव पट्टाईको
व्यहोरा अनुरोध दु ।

१) कार्यालय हाता भिन्नको भूमिगत जलस्रोत विकास समितिमा जाने वाटोको व्यवस्था
हुन पने ।

२) हालको अवस्थामा हुवै कार्यालयको कार्यालय हाता खुल्ना भएकोले सुरक्षाको लागि
कम्पॅनिय वालको व्यवस्था हुन पने ।

३) हाल बैरहेको भवन भविष्यमा आउने ठुलो र ठुलालाई निर्माण गर्ने व्यवस्था हुन
पने ।

४) खानेपानी, झुलको पाइपहरू व्यवस्था रूपमा चालू भएरहने अवस्थामा रहने व्यवस्था हुन
पने ।

(जमल प्रसाद जोशी)
कार्यकारी निर्देशक

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विभाग: राष्ट्रिय सम्बन्धलाई

मार्फत, उपरोक्त सम्बन्धमा तारीख 2070-०३-१३, पक्षको सम्बन्धमा लिमितक राज तथा सुमानीय अनुसार गरिएको छ कोइलाई।

1. वर्तमान क्रम गर्न भएन सफलता वा अपर्याप्त कार्यलय सम्यक परिचालन गरेर गरिएको छ
2. यस्तै प्रयोग क्रम गर्न भएको वा म्यानमा पक्षको अनुसार फरेको भएको छ
3. हुँदा सवारी साइडहर्नलाई कार्यलय सम्यक मा प्रवेश निर्मित दर्यी सबैकाको सबैको समयमा मात्र प्रयोग गर्नुहोस्
4. निम्नको सबैकाहरूलाई कार्यलय समय परिचालन भएको बोकारो पसार गर्नुहोस्
5. ट्राफिक जोड नियन्त्रण तथा सरकारी विभाग नियन्त्रण गर्नुहोस्
6. यसै पहिए अवधिन्न धर्मात हुन भएको तर सबैकाले सबैकाले सबैकाले तुल्य नियन्त्रण गर्नुहोस्
7. वैकल्पिक क्षेत्रमा हाम्रो सम्बन्धी निर्देशित विषयक तालिका अभावको नभएको छ

मद्दत

NMB Bhawan, Babarmahal, G.P.O. Box: 11543, Kathmandu, Nepal
Tel: 01-4246160, Fax: 977-1-4246156
Email: info@nmb.com.np
www.nmb.com.np
SWIFT CODE: NMBBNPKA
काठमाडौं जिल्ला अदालत

पत्र संख्या :- ३४ / ७२

च.न. २४४

विषय :- राय सुभाव सम्बन्धमा।

श्री जल तथा मौसम विज्ञान विभाग,
जलवायु प्रक्रिया सम्बन्धमा निर्माण आयोजना

उपरोक्त सम्बन्धमा त्यस आयोजनालाई च.न. ४४ मिति २०७९/०५/०६ को पत्र प्राप्त भएको अवसर भएको भयो। यो सम्बन्धमा यस अदालत भवन र कम्पाउंड वाल समेतलाई बाता वर्चस दुर्लक्षण वाट समेत भौतिक रूपमा कुनै हानी, नोब्साती, शक्ति नन्दिष्याले गरी तथा अदालतको दैनिक कार्य सम्बन्धमा वाढ नन्दिष्याले गरी भवन भट्टाङ्गने कार्य भएमा काठमाडौं जिल्ला अदालतलाई कुनै आफ्नो नहुने व्यहोरा निर्देशानुसार अनुरोध परिलिखा।

[Signature]

श्रीमु खुमार बस्नेत
शाखा अधिकृत
वित्त २६०६/६७-६८ र राष्ट्र सेवा शाखा मा पत्रकार

श्री जलवाणू प्रक्षेप नियोजन अधिकारी

उपरोक्त विषयमा व्यक्त आयोजनाको प.स. pprc-birch/Gd-3345, पन २०७६/०२-४४

मिति २०७६/०२/०५ को पवार प्रणाली व्यवस्था विचार भयो, सो सम्बन्धमा निर्देशान्तरीय अवस्था पनि राष्ट्र सेवा पटाइएको

व्यवस्था अनुरोध ४।

tapesh

१. यस विभागको पूवा तथा बजिला भ्रमण कार्यालयको उन्नतिफँको खाति ठोउमा भवन निर्माण

गयो विद्युत समेत चर्को अवस्था र देखि एकै हुन्छ यस विभागको पोषण विशेषता भवन व्याप्ति 

विभागको मामलामा रहेको हुन्छ भवन निर्माण गणना माटो निकाशा भवनमा कार्य पूर्न मनी 

भएको भवन निर्माण गयो यस विभागको सो भवनवात सर्वक्षेत्रको दुरी कार्यम गन उपयुक्त 

हुने वा सो प्रकारको प्रशिक्षण निर्माण प्रबंधाम उपयुक्त हुने ।

२. यस विभागको रहेको केन्द्र साझा प्रायोगिकालामा संबंधित खात परिक्षण गरिने हुन्छ निर्माण

कार्य प्रारम्भ भएपछि प्रदर्शण निर्माण को साथै उच्चत ध्यान दिइएको न।
Annex 2: Consultation with the stakeholders

Ministry of Science, Technology and Environment
Department of Hydrology and Meteorology
Babarmahal, Kathmandu
Stakeholder consultation for the demolition of existing building of DHM

Venue: CDO Office, Babarmahal
Name of Office: CDO Office
Date: 15th Dec 2014

<table>
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Issues regarding the Demolition of the existing DHM Building:

→ अन्तराल होणे लागेगा तयारी पूरी हो अनेक सुरक्षित लागू होणे
   अवश्यक गर्ने हो कुली अत्याधुनिक वाणी

→ एक अन्तराल नसल्या हो अन्य महत्वपूर्ण अवश्यक नसल्या नसल्या जसे
   अनेक अत्याधुनिक र शुद्ध

→ अन्तराल होणे काम करणे आणि अस्तित्वात असल नसणे गर्ने
   (याच खुल्या स्थान पार्श्व)

→ विधुत दुर्घटना अस्तित्वात असल नसले असले गर्ने
   काम करणे असदुर्घटना)

→ विधुत दुर्घटना अस्तित्वात असल नसले असले गर्ने
   काम करणे असदुर्घटना)
Venue: Babarmahal
Date: 2071/08/14

Name of Office: Dept. of Food Technology & Quality Control (DFTQC)

List of Participants

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1</td>
<td>Dr. Mahade Johil Vaidya</td>
<td>DFTQC, Babarmahal (Sr. Food Research Office)</td>
<td>Food Technol</td>
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<tr>
<td>2</td>
<td>Pradip K. Dahal</td>
<td>Admin DFTQC</td>
<td>Admin Dog</td>
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<td>3</td>
<td>Rekha Prasad</td>
<td>Admin DFTQC</td>
<td>A.C. Engineer</td>
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<tr>
<td>4</td>
<td>Ram Ratan Aryal</td>
<td>Admin DFTQC</td>
<td>A.C. Engineer</td>
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</table>
Issues regarding the Demolition of the existing DHM Building:

- Dust & sound pollution may occur. As we have laboratory facing the existing DHM building, dust pollution should be minimized taking necessary precautionary measures during the demolition of the building.
Ministry of Science, Technology and Environment

Department of Hydrology and Meteorology

Babarmahal, Kathmandu

Stakeholder consultation for the demolition of existing building of DHM

Venue: [Indicate venue details]
Date: 13th Dec 2014

Name of Office: [Indicate name of office]

List of Participants

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<tr>
<td>1</td>
<td>Shankar Kumar Giri</td>
<td>Babarmahal</td>
<td>Section Officer</td>
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<tr>
<td>2</td>
<td>Biraja Raj Pandey</td>
<td></td>
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</tr>
<tr>
<td>3</td>
<td>K Lagan Giri</td>
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</tbody>
</table>
Issues regarding the Demolition of the existing DHM Building:

→ भूमि काठिन्य अनुपस्थिति अथवा अस्वाभाविक हुन
→ आवाज, विद्युत, गौरवपूर्ण नगरीय अवस्था अथवा अस्वाभाविक हुन
→ अवघडता अथवा अन्य कारण अवस्था अथवा अस्वाभाविक हुन
→ तापमान अथवा अन्य कारण अवस्था अथवा अस्वाभाविक हुन
→ जल अभाव को ध्यान दिन्छेकुन

→ अ.
Ministry of Science, Technology and Environment

Department of Hydrology and Meteorology

Babarmahal, Kathmandu

Stakeholder consultation for the demolition of existing building of DHM

Venue: MIDECL (Hydroelectricity Investment and Development Company Ltd)

Date: 2071/1913

Name of Office:

List of Participants

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<td>1</td>
<td>Dhim Pr. Subedi</td>
<td>MIDECL</td>
<td>Administration</td>
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<td>2</td>
<td>Deepak Rai Kandel</td>
<td>II</td>
<td>HR Officer</td>
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<tr>
<td>3</td>
<td>Sagun Shiwakoti</td>
<td>II</td>
<td>Civil Engineer</td>
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<tr>
<td>4</td>
<td>Ram Krishna Khatuwala</td>
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<tr>
<td>5</td>
<td>Ramon Pamey</td>
<td>I</td>
<td>Senior Accountant</td>
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</tr>
<tr>
<td>6</td>
<td>Pramod Nampa</td>
<td>II</td>
<td>Senior Assistant</td>
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<tr>
<td>7</td>
<td>Gaurab Thak</td>
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</tbody>
</table>
Issues regarding the Demolition of the existing DHM Building:

1) Vibration should be prohibited.
2) Noise/dust pollution should be controlled.
3) Access road should be disturbed.
4) Solid waste should be properly managed.
5) Pedestrians and vehicles might have trouble because the width of the road section is very less.
6) CBD office, NMB Bank and other offices are in the area. The customers should not be disturbed very much.