Social Impact Assessment (SIA) and Social Impact Management Plan (SIMP)

An Indicative Structure

Centre for Science and Environment
New Delhi, India
Disclaimer: This document contains various aspects that may be included in Social Impact Assessment reports in cases of land acquisition. Although detailed, this is not an exhaustive document and may be modified/adapted as per regional requirements. In case of any discrepancies herein, kindly refer to the parent act (Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement [RFCTLARR] Act, 2013).
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BACKGROUND

According to the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement (RFCTLARR) Act, 2013, it is mandatory to conduct a Social Impact Assessment (SIA) and prepare a Social Impact Management Plan (SMP) for acquisition of land by government for its own use, hold and control or by public-private partnership or by private acquisition for public purposes.

The overall objective of the Act is to make the land acquisition process participatory, humane, informed and transparent. The Act also stipulates that an SIA study for land acquisition shall demonstrate or justify the following:

a) That the land to be acquired serves a public purpose

b) That the extent of the land to be acquired for public purpose is the absolute bare minimum

c) Whether land acquisition at the alternative place has been considered and not found feasible

d) Whether overall potential benefits outweigh the social impacts and assessment costs

e) Inventory of movable and immovable properties likely to be impacted

f) Number of affected families and number of families likely to be displaced

The role of the SIA is as an instrument that helps assess and determine the implications of land acquisition on the affected community and people. SIA minimizes the risks involved in displacement, rehabilitation, compensation and resettlement. It also guides the land acquiring agency to plan in an informal manner, thus saving cost, and in timely completion of the projects, therefore reducing the risks involved in delays.

1 Chapter II, Section 4, sub-section 4(a), RFCTLARR Act, 2013
2 Chapter II, Section 4, sub-section 4(d), RFCTLARR Act, 2013
3 Chapter II, Section 4, sub-section 4(e), RFCTLARR Act, 2013
4 Chapter II, Section 4, sub-section 4 (f), RFCTLARR Act, 2013
5 Chapter II, Section 4, sub-section 4 (c), RFCTLARR Act, 2013
6 Chapter II, Section 4, sub-section 4 (b), RFCTLARR Act, 2013
OBJECTIVES OF PROPOSED SIA STRUCTURE

The objectives of the SIA structure are:

a) What should the SIA report contain?

b) What are the areas that need to be covered and discussed?

c) How can the SIA report be made concise, focused and comprehensive?

The generic SIA structure will keep the assessment process brief and focused, and avoid creating either a voluminous or a data-deficient report. The proposed structure provides the benchmark for data collection and limits the possibility of inefficiency in SIA reporting. It also helps the state’s SIA unit decide whether the SIA report has been compiled after meeting all the requirements or not.
STRUCTURE OF THE SIA AND SIMP REPORT

EXECUTIVE SUMMARY

PART 1: INTRODUCTION

Details of the project
• Project description
• Project proponent
• Expected cost of the project
• Project location
• Area intended for acquisition

LEGAL FRAMEWORK (RFCLARRA, 2013)
Definition and equivalence analysis as per Central, state/lending agencies (if any)

NEED FOR THE PROJECT AND SOCIOECONOMIC BENEFITS FROM IT
Need and benefits
• Local
• Regional
• National

SITE INFORMATION
a. Location map (specifying the state, district and taluka)
   i. Total land required (in acres) for the project (tabular format indicating private/government/forest land)
   ii. Proposed project map with distances from the nearest urban/semi-urban locations/important installations
b. Layout plan
c. Map of the affected area / proposed alignment for linear projects
d. Proposed site with distances with respect to public utilities (tabular format)

Note: The Introduction should not exceed five pages.

7 Includes national parks, sanctuaries, archaeological sites and the like
8 Public utilities such as underground pipeline, sewage lines, gas and oil pipelines, electrical polls, etc.
PART 2: OBJECTIVES AND METHODOLOGY

OVERALL TASKS REQUIRED AS PER TERMS OF REFERENCE (ToR)
(Note: Baseline ToR as issued by the state SIA unit)

a. Composition of the team
a. Roles and responsibilities per activity

STUDY OBJECTIVES
To prepare a SIMP in a transparent and consultative manner based on the social, economic, cultural, aspects etc. as per the SIA

APPROACH AND METHODOLOGY
1.1. PHASE 1: PREPARATORY ACTIVITIES
   1.1.1. Collection and review of project literature and reports
   1.1.2. Rapid reconnaissance for understanding the site and logistics
   1.1.3. Scoping
       1.1.3.1. SIA questionnaire
       1.1.3.2. Team composition
       1.1.3.3. Familiarizing with sociocultural activities

1.2. PHASE 2: SURVEY ACTIVITIES
   1.2.1. Collection of data on socioeconomic conditions of affected families
   (Provide disaggregated data on gender, caste and tribes.)
       1.2.1.1. Family structure and number of families
       1.2.1.2. Literacy level
       1.2.1.3. Occupational patterns
       1.2.1.4. Income level
       1.2.1.5. Inventory of movable and immovable assets of the affected family
       1.2.1.6. Type and extent of loss
       1.2.1.7. Accessibility of community resources
       1.2.1.8. Perception of community on social impacts and resettlement and rehabilitation (R&R) measures
           1.2.1.8.1. People’s opinion on social impacts
           1.2.1.8.2. People’s opinion on income restoration
           1.2.1.8.3. People’s opinion on grievance redressal mechanism

The methods of engagement:
- Participatory appraisal
- Focus group discussions (FGDs), informal/formal discussions, consultations
1.3. PHASE 3—ASSESSMENT OF IMPACTS

1.3.1. Assessment of impacts on land, structures and assets attached to land and structure

1.3.2. Assessment of livelihood losses

1.3.3. Assessment of sociocultural impacts

1.4. PHASE 4—SOCIAL IMPACT MANAGEMENT PLAN (SIMP)

1.4.1. Mitigating measures for impact

1.4.2. Mitigating measures on direct and indirect livelihood losses

1.4.3. Mitigating measures for sociocultural impact

1.4.4. Analysis of alternative sites

1.4.5. Certificate of bare minimum land

1.4.6. Measures for enhancing the standard of living

1.4.7. Five year development plan for Schedule V and Schedule VI areas (if applicable)

1.4.8. Estimated budget

1.4.9. A. Land cost, B. Rehabilitation and resettlement cost, C. Institutional cost, D. Utility cost, E. Taxes (varies from state to state), F. Price escalation, G. Contingency cost, H. Sum of all the above

1.4.10. Approach/methodology for disclosure (transparency and accountability as per act)

1.4.11. Cost-benefit analysis

1.4.12. Any other issue

1.5. PHASE 5—CONSENT AND PUBLIC HEARING

1.5.1. Consent of gram sabha (as per Schedule V and Schedule VI listing)

1.5.2. Incorporating suggestions of public hearing in SIMP
PART 3: PROJECT PLAN AND ANALYSIS OF ALTERNATIVES

Analysis of site alternatives (comparative analysis) shall focus on:

1. Bare minimum land and benchmarking of land requirement with similar industry in India
2. Multi-cropping land
3. Impact on the sociocultural fabric
4. Impact on natural resources

GUIDING NOTE

1) **Bare minimum**
   As per Clause (d) of Subsection (4) of Section 4 in Chapter II of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement (RFCTLARR) Act, 2013, the land proposed for acquisition is the bare minimum extent needed for the project.

2) **Alternative site**
   As per Clause (e) of Subsection (4) of Section 4 in Chapter II of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement (RFCTLARR) Act, 2013, the land acquisition at an alternative place has been considered and found to be unfeasible.
PART 4: BASELINE SCENARIO

PROFILE OF AFFECTED AREA(S)

1.1. Identified affected area(s): (Text detailing the affected area)

1.2. Summary of project affected area(s):

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Purpose of project activity</th>
<th>Land requirement (acres)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Land details (ownership-wise):

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Type of land (ownership-wise)</th>
<th>Area of land (acres)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Public</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Private</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Others (specify)</td>
<td></td>
</tr>
</tbody>
</table>

1.3. Project influence area—geographical area, employment profiles and access to natural resources etc.

1.4. Village/town profile

Population:

<table>
<thead>
<tr>
<th></th>
<th>Population</th>
<th>Literacy</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td>Numbers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percentage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Population (community-wise):

<table>
<thead>
<tr>
<th>Community</th>
<th>Population</th>
<th>Literacy</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
<td>% of Male</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Schedule Castes (SCs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scheduled Tribes (STs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Backward Castes (OBCs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other (specify)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Households:

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Number of households</th>
<th>Agricultural activities</th>
<th>Non-agricultural activities (specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Community</td>
<td>No. of households</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1.5. Socioeconomic profile of affected families vis-à-vis districts and tehsils

**Socioeconomic survey questionnaire**
The questionnaire for socioeconomic profiling of affected families vis-à-vis districts and tehsils is annexed (see *Annexure: Socioeconomic survey questionnaire on page 16*). Please note, although detailed, the relevant questions/information can be incorporated in the questionnaire as per regional requirements.

**SOCIOCULTURAL and ECONOMIC ANALYSIS**

2.1  Social
   2.1.1 Social and cultural organizations
   2.1.2 Kinship pattern (marriage patterns, types of family/extended family, etc.)
   2.1.3 Common property
   2.1.4 Civil society
   2.1.5 Social movements
   2.1.6 Social cohesion

2.2  Economic
   2.2.1 Land use and local livelihoods
   2.2.2 Local economic activities
   2.2.3 Access to natural resources and its benefits

2.3  Organizations
   2.3.1 Organizations/institutions in area/CBOs/NGOs etc.
   2.3.2 Government schemes and implementation

**GENDER ISSUES**

3.1  Status of empowerment of women
3.2  Role of women in decision making in the family
3.3  Ownership of assets by women
3.4  Access to natural resources

**MARGINALIZED GROUPS**

4.1  Status of empowerment
4.2  Ownership of assets
4.3  Access to natural resources
4.4  Role in decision making at village/town level
4.5  Political/administrative representation

**IMPACTS PERCEIVED BY THE COMMUNITY**

1.1  People’s opinion on social impacts
1.2  People’s opinion on income restoration
1.3  People’s opinion on grievance redressal mechanism

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*9 Includes Scheduled Castes, Scheduled Tribes, Differently-abled, Minorities, Elderly persons and Destitute.*
PART 5: MAGNITUDE OF IMPACT ON PROJECT-AFFECTED FAMILIES AND AREAS

Indicators
1. Health
2. Education
3. Livelihood
4. Water
5. Agricultural crop yield
6. Soil quality
7. Availability of government schemes
8. Sanitation
9. Livelihood opportunity
10. Any other as deemed appropriate

Note: The assessment of impact of the project to be done based on the information given below:

1. DETAILS OF PROJECT IMPACT (TITLED AND NON-TITLED)

Titleholder

Impact on land

<table>
<thead>
<tr>
<th>S. no.</th>
<th>District</th>
<th>Affected village</th>
<th>Total area to be acquired/survey numbers</th>
<th>Private/government/forests</th>
</tr>
</thead>
</table>

Please provide analysis of data, assessment of impacts and significance.

Status of private land

Distribution of affected families

<table>
<thead>
<tr>
<th>S. no.</th>
<th>No. of title holders/village number</th>
<th>Number of affected families</th>
<th>Land only</th>
<th>Structures</th>
<th>Land and structures</th>
<th>Asset attached to land and structure</th>
</tr>
</thead>
</table>

Please provide analysis of data, assessment of impacts and significance.

Type of private land

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Type of land</th>
<th>Area to be acquired</th>
<th>% of total private land</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Multi-crop (irrigated)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Single crop (unirrigated)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Barren land/other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please provide analysis of data, assessment of impacts and significance.
Impact on structures

<table>
<thead>
<tr>
<th>S. no.</th>
<th>No. of affected families losing structure</th>
<th>Total affected area</th>
</tr>
</thead>
</table>

Please provide analysis of data, assessment of impacts and significance.

Usage of structures

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Residential</th>
<th>Commercial</th>
<th>Residential and commercial</th>
<th>Public utility</th>
<th>Common property</th>
</tr>
</thead>
</table>

Please provide analysis of data, assessment of impacts and significance.

Typology of main structures

<table>
<thead>
<tr>
<th>S. no.</th>
<th>TYPOGRAPHY: Kuccha/ pukka and RCC</th>
<th>Affected area</th>
<th>Percentage losing land and structure</th>
</tr>
</thead>
</table>

2. IMPACT ON INFRASTRUCTURE AND VEGETATION

2.1. Infrastructural and public utilities

2.2. Impact on trees and crops

Impact on livelihood—family

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Village/town</th>
<th>Agriculture</th>
<th>Agricultural labour</th>
<th>Non-agricultural labour</th>
<th>Business trade</th>
<th>Government service</th>
<th>Private service</th>
<th>Domestic help</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
<td>Male Female</td>
</tr>
</tbody>
</table>

Please provide analysis of data, assessment of impacts and significance

3. COMMON PROPERTY RESOURCES

3.1 Religious structures

3.2 School

3.3 Grazing land

3.4 Any other structure of cultural significance
PART 6: SOCIAL IMPACT MANAGEMENT PLAN

1. Certificate of bare minimum
2. Certificate of selection of best site alternative
3. Avoidance of multi-cropping
4. Generic R&R plan
5. Estimated budget
6. Management plan to improve
   6.1.1. Health
   6.1.2. Education
   6.1.3. Livelihood
   6.1.4. Water
   6.1.5. Agricultural crop yield
   6.1.6. Soil quality
   6.1.7. Availability of government scheme
   6.1.8. Sanitation
   6.1.9. Livelihood opportunity
7. Cost–benefit analysis
8. GPS coordinates for affected land/structure
9. Institutional mechanism to address grievances
10. Any other project-specific issue
# PART 7: COST–BENEFIT ANALYSIS

*Indicators for assessing the project benefits (on a scale of 1 to 5)*

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Area</th>
<th>Baseline scenario</th>
<th>Positive impact</th>
<th>Net impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Health</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Education</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Social infrastructure</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Livelihood</td>
<td>Direct</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Indirect</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Agricultural productivity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Extension of government schemes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*As per the project and requirement, it can be elaborated. The list is not exhaustive.*
### Annexeure

**SOCIOECONOMIC SURVEY QUESTIONNAIRE**

<table>
<thead>
<tr>
<th>Date:</th>
<th>d</th>
<th>d</th>
<th>m</th>
<th>m</th>
<th>y</th>
<th>y</th>
<th>y</th>
<th>y</th>
<th>Project name</th>
</tr>
</thead>
</table>

#### A. IDENTIFICATION

<table>
<thead>
<tr>
<th>Investigator’s name</th>
<th>Supervisor’s name</th>
<th>Respondent’s name</th>
<th>Age</th>
<th>Respondent’s father’s name</th>
</tr>
</thead>
</table>

#### A.1 General identification

<table>
<thead>
<tr>
<th>State</th>
<th>District</th>
<th>Tehsil/taluka/block</th>
<th>Panchayat</th>
<th>Revenue village</th>
</tr>
</thead>
<tbody>
<tr>
<td>Town</td>
<td>Urban/city</td>
<td>Urban agglomeration</td>
<td>Rural</td>
<td></td>
</tr>
</tbody>
</table>

#### A.2 (a) Measurement of the affected property/asset and location with respect to the project (road, hydropower, power, water resources or any other [please specify]). Here we have used chainage for road.

<table>
<thead>
<tr>
<th>Chainage no.</th>
<th>From</th>
<th>To</th>
<th>Survey ID (first three letters of followed by unique three digits as name of settlement and then the series number)</th>
<th>Side (left or right) with respect to the project location</th>
</tr>
</thead>
</table>

#### A.2 (b) Distance from existing median (in metre) in the case of road

#### A.2 Type of property

| Patta/khata/khatauni/khasra no. | Private | Government | Trust | Community | Other |

#### A.3 Type of loss

<table>
<thead>
<tr>
<th>Residential</th>
<th>Commercial</th>
<th>Residential-cum-commercial</th>
<th>No of storeys*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open land/plot</td>
<td>Plantation/orchard</td>
<td>Graveyard</td>
<td>G</td>
</tr>
<tr>
<td>School</td>
<td>PHC/hospital/dispensary</td>
<td>Industrial</td>
<td>G+1</td>
</tr>
<tr>
<td>Mazar</td>
<td>Temple</td>
<td>Masjid</td>
<td>G+2</td>
</tr>
<tr>
<td>Church</td>
<td>Shrine</td>
<td>Village compound/panchayat/government land</td>
<td>G+3</td>
</tr>
<tr>
<td>Agriculture (irrigated/unirrigated)</td>
<td>Waste/grazing/barren</td>
<td>Other (specify)</td>
<td>G+4</td>
</tr>
</tbody>
</table>

* = G = Ground, G+1 = Ground + 1 floor, G+2 = Ground + 2 floors, G+3 = Ground + 3 floors, G+4 = Ground + 4 floors
### A.4 Ownership

<table>
<thead>
<tr>
<th>Titleholder</th>
<th>Non-titleholder</th>
</tr>
</thead>
</table>

#### A.5 If non-titleholder

<table>
<thead>
<tr>
<th>Tenant</th>
<th>Share cropper</th>
<th>Lease</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Agricultural labourer</td>
<td>Other (specify)</td>
</tr>
</tbody>
</table>

#### A.6 Head of household

- Daughter/son/wife of

#### A.7 Occupier’s name

- Daughter/son/wife of

#### A.8 Name, address, mobile number and landmark

#### A.9 If tenant—name, address and mobile number of owner

#### A.10 Please provide an ID proof (ration card, voter ID, PAN card, driving licence, any ONE). Record the details.

---

### A.10 Utilities on the property

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Utilities</th>
<th>Total</th>
<th>Impacted</th>
<th>S. no.</th>
<th>Utilities</th>
<th>Total</th>
<th>Impacted</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Trees</td>
<td></td>
<td></td>
<td>2</td>
<td>Dug wells</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Dug wells</td>
<td></td>
<td></td>
<td>3</td>
<td>Tube wells</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Water tap</td>
<td></td>
<td></td>
<td>4</td>
<td>Water tap</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Water tank</td>
<td></td>
<td></td>
<td>5</td>
<td>Water tank</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Hand pump</td>
<td></td>
<td></td>
<td>6</td>
<td>Hand pump</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Cattle shed</td>
<td></td>
<td></td>
<td>7</td>
<td>Cattle shed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Water supply</td>
<td></td>
<td></td>
<td>8</td>
<td>Water supply</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Retaining wall</td>
<td></td>
<td></td>
<td>9</td>
<td>Retaining wall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Pond</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### B.1 ASSET DETAILS

#### B.1.1 Measurement of the land (in metre)

<table>
<thead>
<tr>
<th>Length</th>
<th>Breadth</th>
<th>Area</th>
<th>Percentage of loss with respect to affected property</th>
<th>Distance from edge of the road (as applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>Affected</td>
<td>Total</td>
<td>Affected</td>
<td></td>
</tr>
</tbody>
</table>

#### B.1.2 In the case of loss of land, is remaining part of land economically viable to continue cultivation?

- Yes
- No

#### B.1.3 If it is not, do you want to surrender the remaining land parcel?

- Yes
- No

#### B.1.4 Details/measurement of the structures (in metre): House/kitchen/toilet/boundary wall
### Year of construction of affected structure

<table>
<thead>
<tr>
<th>Year of construction</th>
<th>Length</th>
<th>Breadth</th>
<th>Area</th>
<th>Type of construction</th>
<th>Typology of structure</th>
<th>Percent- age of loss with respect to affected property</th>
<th>Distance from edge of the road</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>Affected</td>
<td>Total</td>
<td>Affected</td>
<td>R</td>
<td>W</td>
<td>F</td>
</tr>
</tbody>
</table>

#### Typology of structure codes

<table>
<thead>
<tr>
<th>Roof</th>
<th>Wall</th>
<th>Floor</th>
<th>Boundary</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCC/RBC</td>
<td>Brick</td>
<td>Concrete</td>
<td>Brick</td>
</tr>
<tr>
<td>Thatched</td>
<td>Wood</td>
<td>Mud</td>
<td>Barbed wire</td>
</tr>
<tr>
<td>Mud</td>
<td>Mud</td>
<td>Stone</td>
<td>Wood</td>
</tr>
<tr>
<td>GI/asbestos</td>
<td>Asbestos</td>
<td>Wood</td>
<td>Other (specify)</td>
</tr>
<tr>
<td>Bamboo</td>
<td>Plastic</td>
<td>Other (specify)</td>
<td>6</td>
</tr>
<tr>
<td>Other (specify)</td>
<td>Other (specify)</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

#### B.1.5 Is the remaining part of the structure adequate to continue living?  
Yes  No

#### B.1.6 If it is not, do you want to surrender remaining structure?  
Yes  No

#### B.1.7 Do you possess the following:

- a. Ration card/voter ID card  
  Yes  No
- b. Legal documents of the property  
  Yes  No
- c. Bank account  
  Yes  No

#### B.1.8 Estimate loss of income due to loss of asset (in Rs)

#### B.1.9 Overall impact (minor/major impact defined below)

Minor impact—If loss of land is less than 10 per cent of the productive asset being affected  
Minor impact—if it is viable to continue living or operating/doing business from the remaining structure  
Major impact—if loss of land is more than 10 per cent of the productive asset  
Major impact—if it is no longer viable to continue living or operating/doing business from the remaining structure

#### B2. In the case of commercial use, details of business

<table>
<thead>
<tr>
<th>Business Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tea stall</td>
<td>Kabari shop</td>
</tr>
<tr>
<td>Grocery/general store</td>
<td>Educational institution</td>
</tr>
<tr>
<td>Vegetables/fruits</td>
<td>Hotel/restaurant/motel</td>
</tr>
<tr>
<td>Cloth/garments</td>
<td>Electrical</td>
</tr>
<tr>
<td>Tailor shop</td>
<td>Furniture</td>
</tr>
<tr>
<td>Pan/cigarette shop</td>
<td>Petrol pump</td>
</tr>
<tr>
<td>Garage/</td>
<td>Handicrafts</td>
</tr>
<tr>
<td>Lubricant shop</td>
<td>Video parlour/cyber café</td>
</tr>
</tbody>
</table>

#### B2.1 Ownership  
Yes  No

#### B2.2 How long have you been residing in/operating from the current location? (since when or number of years)?

#### B2.3 If you are not the owner, how many owners/partners are there?

#### B2.4 How many people have you employed?
## AN INDICATIVE STRUCTURE

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Tenure in years</th>
<th>Salary in Rs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### B.2.5: Where would you prefer to move from here? (for residential and commercial)

<table>
<thead>
<tr>
<th>No.</th>
<th>Place</th>
<th>Where (specify)</th>
<th>Distance from current location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Within village/town</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Outside village/town</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### B.2.5 Do you have alternative land/structure

- **Yes**
- **No**

<table>
<thead>
<tr>
<th>Agriculture land (in acre)</th>
<th>Structure (in square metre)</th>
<th>Typology of structure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Pukka</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Semi-pukka</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Kutcha</td>
</tr>
</tbody>
</table>

### B.3.1. Do you own agricultural land

- **Yes**
- **No**

<table>
<thead>
<tr>
<th>Unit in acres</th>
</tr>
</thead>
</table>

### B.3.2 Type of land an area in acres.

- **Irrigated**
- **Unirrigated**
- **Waste Land**

### B.3.3 Source of irrigation

- **Open well**
- **Bore well**
- **Tank**
- **River**
- **Others**

### B.3.4 Type of soil

### B.3.5 Do you have any land taken on lease?

- **Yes**
- **No**

### B.3.6 Type of land an area in acres.

- **Irrigated**
- **Unirrigated**
- **Wasteland**

### B.3.7 Type of soil

### B.3.8 Duration of lease

### B.3.9 Amount of lease (Rs per year)

### B.3.10 For how many years have you or your ancestors been cultivating this land?

### B.3.11 Crops grown in total land (property that is being affected)

<table>
<thead>
<tr>
<th>Maize</th>
<th>Jowar</th>
<th>Wheat</th>
<th>Barely</th>
<th>Fruits</th>
<th>Vegetables</th>
<th>Others (specify)</th>
</tr>
</thead>
</table>

### B.3.12 Quantity in acre/year

### B.3.13 Selling price in one acre/year

### B.3.14 Crops grown in affected land

<table>
<thead>
<tr>
<th>Maize</th>
<th>Jowar</th>
<th>Wheat</th>
<th>Barely</th>
<th>Fruits</th>
<th>Vegetables</th>
<th>Others (specify)</th>
</tr>
</thead>
</table>

### B.3.15 Quantity in acre/year

### B.3.16 Selling price in one acre/year

### B.4 What types of trees are likely to be affected? (Name and number)
### B.4 Livestock details

<table>
<thead>
<tr>
<th>B.4.1 Tree name</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>B.4.2 Number</td>
<td></td>
</tr>
<tr>
<td>B.4.3 Income per year</td>
<td></td>
</tr>
</tbody>
</table>

### B.5 Livestock details

<table>
<thead>
<tr>
<th>B.5.1 Type of livestock</th>
<th>Cow</th>
<th>Buffalo</th>
<th>Sheep</th>
<th>Goat</th>
<th>Pig</th>
<th>Poultry</th>
<th>Others</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.5.2 Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.5.3 Income per year</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### C.1 HOUSEHOLD DETAILS

<table>
<thead>
<tr>
<th>C.1.1 Religion</th>
<th>Hindu</th>
<th>Muslim</th>
<th>Sikh</th>
<th>Christian</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.1.2 Category</td>
<td>ST</td>
<td>SC</td>
<td>OBC</td>
<td>General</td>
<td>Others</td>
</tr>
</tbody>
</table>

| C.1.3 Name of community/tribe |  |

<table>
<thead>
<tr>
<th>C.1.4 Vulnerability status</th>
<th>BPL</th>
<th>Children</th>
<th>Old/Elderly</th>
<th>WHHH</th>
<th>Differently abled/Handicapped</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>C.1.5 Type of family</th>
<th>Nuclear</th>
<th>Joint</th>
<th>Extended</th>
<th>Sibling</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.1.6 No. of persons in household</td>
<td>Above 18 years (number)</td>
<td>Below 18 years (number)</td>
<td>Above 55 years (number)</td>
<td></td>
</tr>
</tbody>
</table>

### C.2 Family profile (start with head of household)

<table>
<thead>
<tr>
<th>Member number</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>C.2.1 Name</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>C.2.2 Relationship</td>
<td>HH</td>
</tr>
<tr>
<td>C.2.3 Sex</td>
<td>Male</td>
</tr>
<tr>
<td>C.2.4 Age</td>
<td>Age on last birthday</td>
</tr>
<tr>
<td>C.2.5 Marital status</td>
<td>Married</td>
</tr>
<tr>
<td>C.2.6 Education</td>
<td>Illiterate</td>
</tr>
</tbody>
</table>

Write names of all persons who live and eat together in this household but exclude persons under the age of 15 years.

Codes given below

Male
Female
Transgender
Married
Unmarried
Divorced
Separated
Widow/widower
Live-in
Illiterate
Primary (up to class 5)
Secondary (6–12)
Graduate and above
Technical
Vocational
### C.2.7 Health

<table>
<thead>
<tr>
<th></th>
<th>Handicapped from birth</th>
<th>Handicapped later</th>
<th>Chronic illness (specify)</th>
<th>No illness/healthy</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Codes for relationship

<table>
<thead>
<tr>
<th>Head of the household</th>
<th>HH</th>
<th>Wife</th>
<th>2</th>
<th>Husband</th>
<th>3</th>
<th>Son</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daughter</td>
<td>5</td>
<td></td>
<td>6</td>
<td>Daughter-in-law</td>
<td>7</td>
<td>Grandfather</td>
<td>8</td>
</tr>
<tr>
<td>Grandmother</td>
<td>9</td>
<td>Grandson</td>
<td>10</td>
<td>Granddaughter</td>
<td>11</td>
<td>Grandson-in-law</td>
<td>12</td>
</tr>
<tr>
<td>Granddaughter-in-law</td>
<td>13</td>
<td>Brother</td>
<td>14</td>
<td>Sister</td>
<td>15</td>
<td>Brother-in-law</td>
<td>16</td>
</tr>
<tr>
<td>Sister-in-law</td>
<td>17</td>
<td>Father</td>
<td>18</td>
<td>Mother</td>
<td>19</td>
<td>Father-in-law</td>
<td>20</td>
</tr>
<tr>
<td>Mother-in-law</td>
<td>21</td>
<td>Uncle</td>
<td>22</td>
<td>Aunt</td>
<td>23</td>
<td>Cousin</td>
<td>24</td>
</tr>
<tr>
<td>Nephew</td>
<td>25</td>
<td>Niece</td>
<td>26</td>
<td>Any other (specify)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### D.1. EMPLOYMENT STATUS OF THE FAMILY MEMBERS

<table>
<thead>
<tr>
<th>D.1 Employment status</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>D.2 If yes, nature of employment</td>
<td>Migratory</td>
<td>Non-Migratory</td>
</tr>
<tr>
<td>D.3 Occupation (main occupation)</td>
<td>Agriculture</td>
<td>Agricultural labour</td>
</tr>
<tr>
<td></td>
<td>Non-agricultural labour</td>
<td>Business/trade</td>
</tr>
<tr>
<td></td>
<td>Government service</td>
<td>Private service</td>
</tr>
<tr>
<td></td>
<td>Maidservant</td>
<td>Others</td>
</tr>
<tr>
<td>D.4 Non-working status (give main reason)</td>
<td>No work available</td>
<td>Seasonal inactivity</td>
</tr>
<tr>
<td></td>
<td>Household duties</td>
<td>Old/young</td>
</tr>
<tr>
<td></td>
<td>Differently abled</td>
<td>Student</td>
</tr>
<tr>
<td></td>
<td>Others</td>
<td></td>
</tr>
</tbody>
</table>
### D. Income per month

<table>
<thead>
<tr>
<th>Income per month</th>
<th>Less than Rs 5000</th>
<th>Rs 5001–7000</th>
<th>Rs 7001–10,000</th>
<th>Above Rs 10,001</th>
</tr>
</thead>
</table>

### D.6 Skills

This may have multiple answers

### D.7 Livelihood preference

This may have multiple options

### D.8 Member of social and/or cultural organization

(please specify)

### D.9 Migrated for work

---

### E.1 ACCESS TO HEALTH, ELECTRICITY, FUEL, WATER SUPPLY AND SANITATION

#### E.1.1 No. of members affected by any serious disease in last one year

#### E.1.2 What disease and who was affected?

1. Government hospital
2. Private clinic
3. Medical shop
4. Traditional healing
5. No treatment

#### E.1.4 Treatment covered by:

1. Government health insurance
2. Private health insurance
3. No coverage

#### E.1.5 Any member suffering from nutritional deficiency (specify deficiency)

#### E.1.6 Heard of HIV/AIDS

1. Yes
2. No

#### E.1.7 Aware of prevention methods

1. Yes
2. No

#### E.1.8 Source of information

1. Print media
2. Radio
3. TV
4. Government campaign
5. NGO
6. Other

#### E.1.9 Do you have electricity connection?

1. Yes
2. No

#### E.1.10 Access to drinking water

1. HSC
2. Hand pump
3. Own bore well
4. Common well
5. Lake pond
6. Other

#### E.1.11 Fuel for cooking

1. LPG gas
2. Gobar gas
3. Kerosene
4. Firewood
5. Other

#### E.1.12 Do you have a bathroom?

1. Yes
2. No

#### E.1.13 If the answer is yes, where?

1. Within house premises
2. Outside

---

### F. GENDER ASPECTS

#### F.1.1 Is female (lady of house) or girl child involved in decision making?

1. Yes
2. No

#### F.1.2 Who fetches drinking water, if required?

1. Lady of the house
2. Girl child
3. Other

#### F.1.3 Do they have to cross a road to fetch water?

1. Yes
2. No

#### F.1.4 Wages payable per day

<table>
<thead>
<tr>
<th>Male:</th>
<th>Female:</th>
</tr>
</thead>
</table>

#### F.1.5 If a baby was delivered in the last one year, where did the delivery take place?

1. Within house premises
2. Outside
**AN INDICATIVE STRUCTURE**

1. Government hospital  
2. Private nursing home  
3. Midwife at home  
4. Village elderly lady  
5. Other

**F.1.6 Does the female have title to property**

<table>
<thead>
<tr>
<th>Asset</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Structure/house</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Other</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**F.1.7 Roles/tasks within household and outside (multiple responses likely)**

1. Cooking/washing  
2. Taking care of elderly and children  
3. Teaching children  
4. Buy provisions from market  
5. Also Working Outside  
6. Doing part time work from home  
7. Managing cattle, if any  
8. Other

**F.1.8: Specify activities where your husband supports you**

---

**G. 1. DETAILS OF THE ASSETS OWNED (OTHER THAN THE AFFECTED PROPERTIES)**

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Asset particulars</th>
<th>Number/No. of acres/sq. m</th>
<th>Land under cultivation (acres)/Year of construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Own agriculture irrigated land</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Own agriculture unirrigated land</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Own garden/plantation land</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Structure**

4. House  
5. Farmhouse  
6. Cattle shed  
7. Pump house  
8. Storage/go down  
9. Shop  
10. Open well  
11. Bore well  
12. Tube well  
13. Other (__________)

**H. POSSESSION OF OTHER ASSETS**

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Asset owned</th>
<th>No.</th>
<th>S. no</th>
<th>Asset owned</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>LPG gas stove</td>
<td></td>
<td>9.</td>
<td>Telephone connection</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Electric fan</td>
<td></td>
<td>10.</td>
<td>Cell phone</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Television</td>
<td></td>
<td>11.</td>
<td>Bicycle</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Refrigerator</td>
<td></td>
<td>12.</td>
<td>Scooter/motorbike</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Washing machine</td>
<td></td>
<td>13.</td>
<td>Four wheeler</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>Air cooler</td>
<td></td>
<td>14.</td>
<td>Tractor</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>AC</td>
<td></td>
<td>15.</td>
<td>Other__________</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>Computer</td>
<td></td>
<td>16.</td>
<td>Other__________</td>
<td></td>
</tr>
</tbody>
</table>
I. INCOME AND EXPENDITURE DETAILS

### Income

I.1.1 Indicate total annual income of the household from all sources (in Rs)

### Expenditure and consumption (monthly)

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Item</th>
<th>Amount</th>
<th>S. no.</th>
<th>Asset owned</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Food</td>
<td></td>
<td>7</td>
<td>Electricity/water/utilities</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Cooking fuel</td>
<td></td>
<td>8</td>
<td>Loan repayments</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Clothing</td>
<td></td>
<td>9</td>
<td>Social events</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Transport</td>
<td></td>
<td>10</td>
<td>Agriculture (labour/tools)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Health/medicines</td>
<td></td>
<td>11</td>
<td>Seeds/fertilizers/pesticides</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Education</td>
<td></td>
<td>12</td>
<td>Other __________________</td>
<td></td>
</tr>
</tbody>
</table>

**Total (in Rs)**

---

J. INDEBTEDNESS

J.1.1 Please indicate your borrowings and loans taken in the last one year

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Source of loan</th>
<th>Reason</th>
<th>Amount</th>
<th>Asset pledged (specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Taken</td>
<td>Returned</td>
</tr>
<tr>
<td>1</td>
<td>Bank (specify which bank)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Cooperative society</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Private moneylender</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Other (__________________)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

K. GOVERNMENT SCHEMES

K.1.1 Has anybody from the household availed a benefit from a state or a Central government scheme?

1. Yes  
2. No

K.1.2 If the answer is Yes, was the scheme a state government scheme or a Centrally sponsored scheme?

<table>
<thead>
<tr>
<th>Name of scheme</th>
<th>CSS or state government</th>
<th>Purpose</th>
<th>Amount/benefit received</th>
<th>Training</th>
</tr>
</thead>
</table>

---

L. PROJECT-RELATED INFORMATION

L.1.1 What are your views/perceptions on existing roads (multiple responses likely)

1. Non-motorable  
2. Unsafe; many accidents  
3. Poor riding quality  
4. Other

L.1.2 Are you aware of the proposed project

1. Yes  
2. No

L.1.3 If yes what is the source

1. TV  
2. Newspaper  
3. Govt. officials  
4. Other villagers  
5. Other

Positive impacts perceived  
Negative impacts perceived

Increase in transport facility  
Loss of land

Reduced travel time  
Increased food insecurity

Increase in business opportunity  
Pressure on existing infrastructure

Increase in land price  
More visitors/population

Better reach/access to towns  
Conflict with outsiders

Increased safety/lesser accidents  
HIV/AIDS due to in-migration or influx of workers
**L.1.4 Current mode of transportation to nearby markets, health centres**

1. Bus  
2. Tractor  
3. Shared auto  
4. Taxi  
5. Motorcycle  
6. Cycle  
7. Walk  
8. Other

**13.5 Any improvements/additions to amenities in the village or area (specify)**

---

**M. RESETTLEMENT PREFERENCES (if land, shop, house is affected) and requires relocation**

**M.1.1 Relocation options**

1. Self managed with cash assistance  
2. Project constructed house/shop  
3. Not decided/cannot say at present  
4. Other

**M.1.2 If alternative house/shop constructed by Project, then preferred location**

1. Same settlement  
2. Anywhere  
3. Other (specify)

**M.1.3 Do you want unviable land to be acquired by project**

1. Yes  
2. No

**M.1.4 Do you want unviable structure to be acquired by project**

1. Yes  
2. No

---

**N. Provide a hand-sketch drawing indicating the dimensions of the property (structure/land) in this blank space along with the land mark).**

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**SIGNATURE of the respondent along with contact number**

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**SIGNATURE of the investigator**