

# Resettlement Plan

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**PUBLIC**

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## India: Nagpur Metro Urban Mobility Project

Prepared by the Maharashtra Metro Rail Corporation Limited for the Asian Development Bank.

## CURRENCY EQUIVALENTS

(as of 1 January 2023)

Currency unit	–	Indian Rupee (₹)
₹1.00	=	\$0.0123
\$1.00	=	₹83.170

## ABBREVIATIONS

EM	Entitlement Matrix
CPM	Chief Project Manager
CPR	Common Property Resource
DC	District Collector
DPR	Detailed Project Report
FGD	Focus Group Discussion
GRC	Grievance Redressal Mechanism
GoI	Government of India
GoM	Government of Maharashtra
LA	Land Acquisition
LAA	Land Acquisition Act
MMRCL	Maharashtra Metro Rail Corporation Limited (Maha-Metro)
PMC	Project Management Consultancy
NMRP	Nagpur Metro Rail Project
NGO	Non-Government Organization
NTH	Non-Title holders
DH	Displaced Household
DP	Displaced People
PIU	Project Management Unit
R&R	Resettlement & Rehabilitation
RP	Resettlement Plan
RPF	Resettlement Policy Framework
RFCTLARRA	Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013
SIA	Social Impact Assessment
PWD	Person With Disability
SC	Schedule Caste
ST	Schedule Tribes
WHH	Women Headed Household
BPL	Below Poverty Line
RoW	Right of Way

## NOTES

- (i) The fiscal year (FY) of the Government of India has its agencies ends on the 31 March. “FY” before a calendar year denotes the year in which the fiscal year ends, e.g., FY 2024 ends on 31 March 2024.
- (ii) In this report, “\$” refers to US dollars.

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## EXECUTIVE SUMMARY

### A. Project Description

1. Maharashtra Metro Rail Corporation Limited (Maha-Metro), a joint venture company of the Government of India (GoI) and the Government of Maharashtra (GoM), is developing the Nagpur Metro Rail Project (NMRP) Phase-II consisting of proposed four reaches. The proposed NMRP Phase-II project is an extension of the existing corridors of the Phase-I project. Maha-Metro is the implementing agency of the NMRP Phase-II project and will be responsible for the execution of the project.

2. The total length of the proposed corridor in the Phase-II project is 43.8 km. 32 metro stations have been proposed along the four corridors, of which 30 stations are elevated and two are at-grade. The Phase II corridor mostly follows the median of the road at some locations; the alignment is away from the road. Efforts have been made to modify the engineering design and alignment of the Phase-II metro line at various locations to minimize the resettlement impact and land acquisition.

3. A detailed social impact assessment (SIA) of all the proposed four reaches of the Phase II project (Corridor) has been done to prepare the resettlement plan. The census of land and structures to be affected under the project and socio-economic data of titleholders and non-titleholders have been collected. Public consultations have been conducted with various stakeholders of the project.

### B. Scope of Land Acquisition and Resettlement

4. As per the survey done by NMRP, a total of 9.3089 ha of land will be required for the Phase II project, out of which 5.5749 Ha is Private Land, and 3.734 Ha is Government Land. The private land will be acquired mainly for the construction of station entry and exit purposes, viaducts, and parking purposes.

5. A total of 98 households would be displaced by this project. This includes 51 title holders (TH) losing the land only and 47 temporary structures owned by 47 non-title holder (NTH) households. A total of three CPRs will be affected by the project. The summary findings of the project impact are presented in the following Table E-1.

**Table E1: Summary Project Impacts**

SI No	Detail		
1	<b>Total Area of Land required (In Ha.)</b>	<b>9.3089</b>	
2	Area of private land to be acquired	5.5749	
3	Area of Government land	3.734	
4	<b>Total Number of Structures</b>	47	
5	Temporary structures	47	
6		<b>HH</b>	<b>Persons</b>
7	<b>Total Number of Displaced households (DHs)</b>	98	533
8	<b>A: Total number of THs</b>	51	298
9	THs losing Land only	51	298
10	THs losing Land + Structures	Nil	Nil
11	<b>B: Total Number of NTHs</b>	47	235
12	Kiosks owners	47	235

SI No	Detail		
13	Residential squatters	Nil	Nil
14	No. of HHs requiring relocation	Nil	Nil
15	No. of HHs losing >10% of income-generating asset	Nil	Nil
16	Total number of vulnerable households displaced	29	
17	Total number of CPRs (structure) affected	3	
18	Number of Private Trees	74	

6. Due to the project none of the DHs will experience significant impact. The project is classified as category “B” in accordance with the Asian Development Bank (ADB) safeguards policy statement, 2009.

### C. Socioeconomic Information and Profile

7. The social stratification of DHs indicates that most DHs belong to the Other Backward Caste (OBC) followed by the general category. Most (81.82%) of the DHs belong to the Hindu religion followed by Muslims (12.50%). There are 57 DHs enumerated as vulnerable households in this project. 6.56% Displaced Persons (DPs) are illiterate. Most of the DPs are engaged in small business activities.

### D. Stakeholders Consultation and Participation

8. Public Consultations have been initiated from the planning stage of the project by the implementing agency and will continue during various stages until the completion of the Phase II project. The focus group discussions (FGDs) and individual discussions were held with the primary and secondary stakeholders to get wider public input on the Phase II project. A total of 13 public consultations (FGDs) have been held in which 162 male members and 34 female members participated. In addition, the implementing agency consulted other stakeholders in the Phase II project such as senior officials of Maha-Metro, the relevant District administration and revenue officials on various issues.

9. The implementing agency will continue to conduct public consultations during resettlement plan implementation. The consultation will continue throughout the project implementation period. To keep transparency in planning and for further active participation of DPs, the project information including project impacts will be disseminated during the public consultation.

### E. Legal Framework

10. The legal framework and principles adopted to address the resettlement issues of the Phase II project are guided by the existing legislation and policies of the Government of India (GoI), the Government of Maharashtra, and ADB’s Safeguards Policy Statement (SPS), 2009. Before the preparation of the RP, a detailed analysis of the existing national and state policies and a comparison with the ADB’s SPS was undertaken and an entitlement matrix was prepared to fill the gaps.

11. The guidelines and circulars of the Government of Maharashtra and the R & R policy of Mumbai Urban Transport Project (MUTP) – R & R, 2000 will be applicable for land acquisition and compensation, rehabilitation, and resettlement for NMRP Phase-II. **However, due to unforeseen condition, if any one of the affected persons do not agree with applicable act/rule,** compensation shall be paid as per Schedule I & II of RFCTLARR Act, 2013. All compensation and other assistances will be paid to all DPs as per Entitlement Matrix, finalized for the project, prior to

commencement of civil works.

#### **F. Entitlements, Assistance, and Benefits**

12. The titleholders in case of land acquisition under direct purchase through negotiation, the cut-off date shall be date of individual notification of land acquisition by the committee headed by the Land Acquisition Officer. For non-titleholders, the cut-off date will be the start date of the census survey, which is 3 April 2023. DPs who settle in the affected areas after the cut-off date will not be eligible for compensation. However, sufficient time and advance notice will be given, and they will be requested to vacate the premises and dismantle affected structures prior to project implementation.

#### **G. Relocation and Income Restoration**

13. There are no DHs physically displaced due to the NMRP Phase II project. Hence, there is no HH require relocation. The Phase II project will affect the kiosks owned by 47 NTH HHs. The temporary structure of kiosks of these NTHs will be relocated to a nearby feasible place by the implementing agency. For the kiosk owners who opted for self-relocation, the implementing agency will provide shifting allowance for the relocation. There are 3 affected CPRs, two of which are public toilets. The implementing agency will do the planning and implementation for relocation of CPRs in consultation with the affected people.

14. There are 51 TH HHs who will be affected due to loss of private land. **However, the loss of private land does not undermine the livelihood of DHs.** The current land use of affected lands is barren. Hence, there will be no loss of livelihood. A total of 47 NTH HHs will be affected due to relocation of kiosks. The livelihood of these small kiosk holders will not be affected as they will continue to engage with the same income generating activity in the place of relocation. Adequate provision has been kept in the Entitlement Matrix to strengthen the livelihood of vulnerable HHs.

#### **H. Resettlement Budget and Financing Plan**

15. The resettlement cost estimated for the Phase II project includes land compensation, resettlement and relocation assistance and support cost for resettlement plan implementation. The support cost which includes staffing, monitoring, and reporting, and other administrative expenses are part of the overall project cost. Contingency provisions have been made to consider variation from this estimate.

#### **I. Grievance Redressal Mechanism**

16. To receive and facilitate resolution of the DPs concern and complaints in a transparent manner the Maha Metro shall constitute two-tier GRC with representative from implementing agency, community, representative of DPs etc. The Maha Mtero will maintain grievance registers both at site offices and at head office. The decision of GRC will be documented and communicated to the concerned person in a transparent manner. The complainants are free to approach the court of law at any time of their own will at any stage and accessing the country's legal system is not dependent on the outcome of the GRM.

17. The information regarding the project GRM will be disclosed to public through public consultation process. The records of all complaints including the status of redressal of complaint will be compiled in the semi-annual Social Monitoring Report.

**J. Institutional Arrangement**

18. Maha Metro, the implementing agency, is responsible for the technical aspects and overall execution of the Phase II project. A Project Implementation Unit (PIU) will be established at headquarter level. The Executive Director will have the overall responsibility to supervise the project. The General Consultant (GC) will coordinate with Implementing Agency for relocation of NTH and maintain records of land acquisition status, grievances, and other R&R data.

19. For effective implementation of the RP, a capacity building program needs to be implemented to strengthen the capacity of implementing agency. All concerned staff at PIU, GC and government staff involved in land acquisition and resettlement activities will undergo orientation and training in ADB resettlement policy and safeguards implementation. The trainings will be carried out by the ADB consultant.

**K. Implementation Schedule**

20. Implementation schedule of RP mainly consists of timeline for compensation to be paid to DHs and R&R activities. All activities related to the land acquisition and resettlement must be planned to ensure that compensation is paid prior to displacement and commencement of civil works. The proposed project R&R activities are divided in to three phases: Project Preparation phase, RP Implementation phase, Monitoring and Reporting.

**L. Monitoring and Reporting**

21. The RP implementation of Phase II project will be closely monitored by the implementing agency with support from GC staff. Maha Metro with support from GC staff will collect information from the project site and compile it in the form of monthly report to assess the progress and results of RP implementation.

22. The preparation of semi-annual Social Safeguard Monitoring Report will be done by GC staff. The implementing agency through the PIU will submit semi-annual social monitoring reports to ADB for review. After the ADB approval the monitoring reports will be disclosed on ADB website.

## I. PROJECT DESCRIPTION

### A. Introduction

1. Maharashtra Metro Rail Corporation Limited (Maha Metro), a joint venture company of Government of India (GoI) and Government of Maharashtra (GoM), is developing the Nagpur Metro Rail Project (NMRP) Phase-II consisting of proposed 4 reaches. Based on the proposal from Comprehensive Mobility Plan (CMP), an Alternatives Analysis has been carried out to find the most viable mass transit system along identified corridors. Alternatives Analysis Report recommends extension of mass transit corridors of Phase-I project to meet the future traffic demand. The requirement of Phase-II is on high priority for the people living in outskirts of Nagpur city covering vast industrial area, densely populated suburbs having high movement of public transit on regular basis besides logistics zone. The proposed NMRP Phase-II project is an extension of existing corridors of Phase-I project. Maha-Metro is the implementing agency of NMRP Phase-II project and will be responsible for execution of the project.

2. The Phase-II metro rail network will strengthen and augment the transport infrastructure within the city and will augment public transport infrastructure facilities. The Phase-II project will also offer reliable and affordable mass transport services to the people who are living and working in suburban areas of the Nagpur City.

3. The expansion of the metro network under Phase II will not only reduce the travel time but also offer cheaper mode of transport to the passengers. It will also provide safe and secure transportation to vulnerable sections of society. Due to faster movement in the city, the business and financial activities will also get a boost, thereby enhancing the financial status of people. It will reduce the traffic congestion on road, reduces sound and air pollution and help in reducing global warming for creating sustainable environment. The Phase-II project will offer a sustainable urban transport system in Nagpur city to increase the quality of life to citizens; better access to goods and services; creating employment opportunities and sustainable development; and solution for climate change mitigation resulting in livable city environment in Nagpur.

### B. Project Description

4. The total length of the proposed corridor stretch in Phase-II project is 43.8 km. This entire stretch is extension of the existing Phase-I and is divided into four reaches viz; Reach-1A (Khapari to MIDC ESR -18.5 km), Reach-2A (Automotive Square to Kanhan -13 km), Reach-3A (Lokmanya Nagar to Hing-a - 6.7 km) and Reach-4A (Prajapati Nagar to Transport Nag-r - 5.6 km). A total of 32 metro stations have been proposed along the four corridors of which 30 stations are elevated and 2 are at-grade. The details are given below in **Table 1**.

**Table 1: Key Features of NMRP Phase-II**

Extension of NMRP Phase-I	Corridor	Length in Km.	Elevated Stations	At grade stations	Total number of stations
(Reach-1A)	Khapari to MIDC ESR (Mihan Butibori Corridor)	18.5	08	2	10
(Reach-2A)	Automotive Square to Kanhan (Kamptee Corridor)	13	12	0	12
(Reach-3A)	Lokmanya Nagar to Hingna (Hingna Corridor)	6.7	07	0	07
(Reach-4A)	Prajapati Nagar to Transport Ngr (Kapasi Corridor)	5.6	03	0	03
<b>Total</b>		<b>43.80</b>	<b>30</b>	<b>2</b>	<b>32</b>

Source: Detailed Project Report, NMRP Phase-II.

### C. General Profile of Project Impact

5. The Nagpur district consists of Nagpur Municipal Corporation, 10 Municipalities, 13 Panchayat Samitis and 778 Gram Panchayats. The total area covered is about 9897 sq. km. of which Nagpur city accounts for 217.65 sq. km. (2.2%).

6. Nagpur city is governed by Nagpur Municipal Corporation which comes under Nagpur Metropolitan Region. As per 2011 census, total population of Nagpur city is 2,405,665; of which male and female are 1,225,405 and 1,180,260 respectively. Although Nagpur city has population of 2,405,665; its urban / metropolitan population is 2,497,870 of which 1,274,138 are males and 1,223,732 are females. The sex ratio of Nagpur city is 963 females per 1000 males. Child sex ratio is 926 girls per 1000 boys. A total of 1,984,123 people is literate, of whom 1,036,097 are male and 948,026 are female. Average literacy rate of Nagpur city is 91.92%. The literacy rate of male is 94.44% and female is 89.31%.

### D. Population

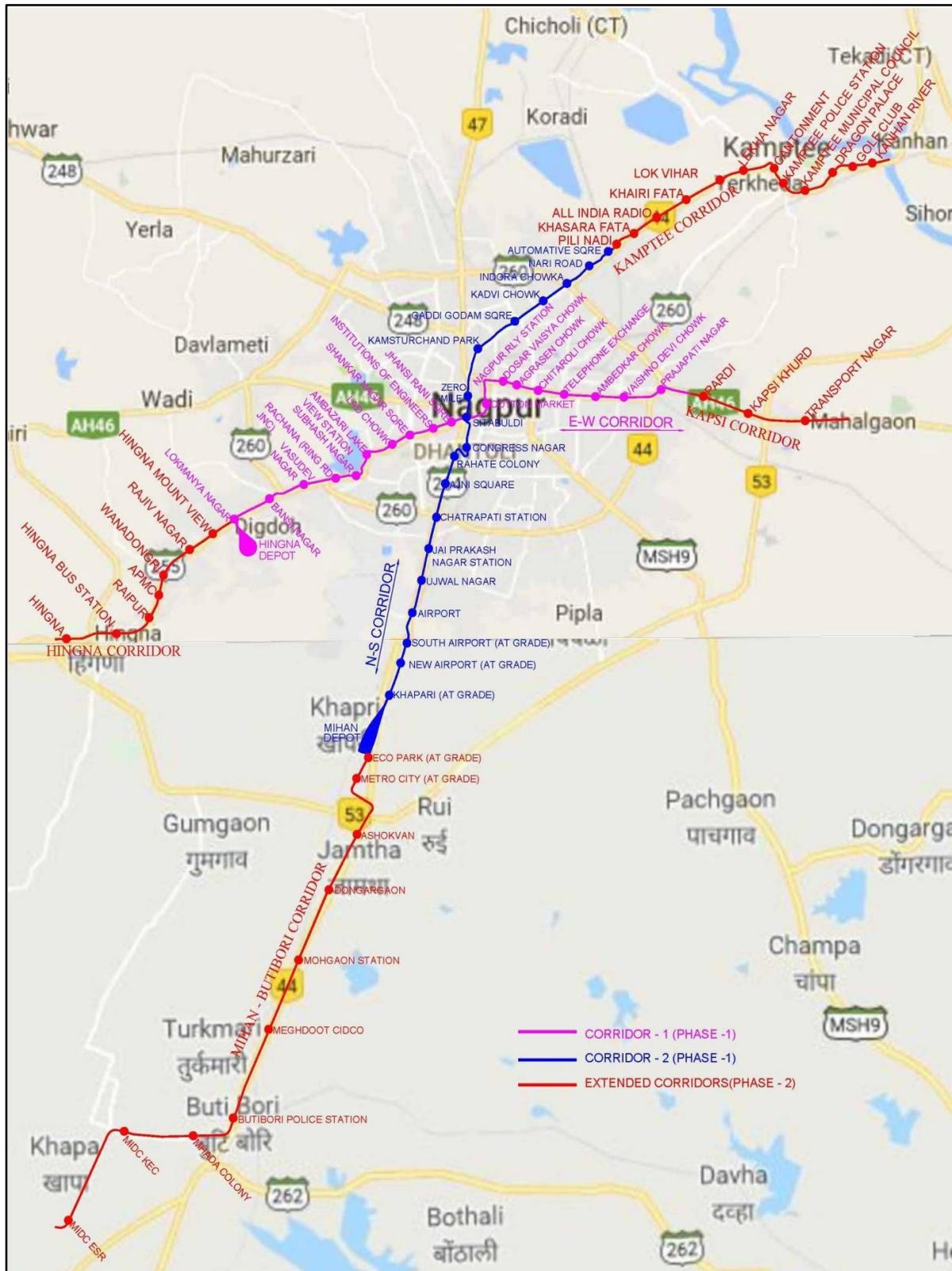
7. The current estimate population of Nagpur city in 2023 is 3,316,000. The last census was conducted in 2011 and the 2021 census for Nagpur city was postponed due to COVID-19. The current estimates of Nagpur city are based on past growth rate. The details are given below in Table 2.

**Table 2: Population Growth in Nagpur**

Year	Population	±%
1981	1,219,500	—
1991	1,664,000	+36.4%
2001	2,052,066	+23.3%
2011	2,405,665	+17.2%

Source: Census of India-2011.

Fig. 1: Nagpur Metro Rail Project Map of Phase 1 & Phase 2



8. Total children (0-6) in Nagpur city are 247,078 as per figure from 2011 Census. There are 128,290 boys and 118,788 are girls. The children form 10.27 % of total population of Nagpur City.

9. Hinduism is the majority religion in Nagpur city with 69.46% followers. Buddhism is the second most popular religion in Nagpur city with 15.57% following it. Nagpur is popular for the Buddhist monument of Deeksha Bhoomi. In Nagpur city, Islam is followed by 11.95%, Christianity by 1.15%, Jainism by 0.90% and Sikhism by 0.68%.

10. Schedule Caste (SC) constitutes 19.8% while Schedule Tribe (ST) are 7.7% of total population in Nagpur.

## E. Education

11. Nagpur is a major education hub in Central India. Nagpur has four state universities: Rashtrasant Tukadoji Maharaj Nagpur University (founded in 1923 as Nagpur University, one of the oldest in the country and having more than 600 affiliated colleges), Maharashtra Animal and Fishery Sciences, University, Kavikulaguru Kalidas Sanskruti University and Maharashtra National Law University.

12. Nagpur has four government medical colleges: Government Medical College, Indira Gandhi Government Medical College, Nagpur, Government Dental College and Government Ayurvedic College. All India Institute of Medical Sciences has been established in 2018 and it has started its classes from GMCH campus temporarily until its own campus gets constructed. Nagpur has two major management institutes, Indian Institute of Management established in 2015 and Institute of Management Technology, a private management college, established in 2004. Government Chitrakala Mahavidyalaya is also a premier institute in the city. Nagpur also has an IGNOU and YCMOU regional centre.

## F. Employment

13. In Nagpur Municipal Corporation, 8,43,771 were engaged in work activities. About 92.4% of workers describe their work as Main Work (Employment or Earning more than 6 Months) while 7.6% were involved in marginal activity providing livelihood for less than 6 months. Of 8,43,771 workers engaged in Main Work, 3,424 were cultivators (owner or co-owner) while 5,683 were agricultural labourers. The details are given below in Table 3

**Table 3: Employment Status in Nagpur**

Type of Workers	Total	Male	Female
Main Workers	779,259	620,325	158,934
Cultivators	3,424	2,728	696
Agriculture Labourer	5,683	4,164	1,519
Household Industries	26,731	18,144	8,587
Other Workers	743,421	595,289	148,132
Marginal Workers	64,512	39,138	25,374
Non-Working	1,561,894	565,942	995,952

Source: Census 2011.

## G. Economy

14. Nagpur is an emerging metropolis. Nag'ur's nominal GDP was estimated to be

around INR 1,406,860 million in 2019–20, making it the largest economic centre in entire central India. Nagpur district has a per-capita GDP of INR 270,617 as of 2019-20 financial year, being the highest in the central India. Nagpur has been the main centre of commerce in the region of Vidarbha since its early days and is an important trading location.

## **H. Satellite Cities of Nagpur**

15. Kamptee is a big town and thousands of people commute to Nagpur for work and education. Butibori is the biggest industrial estates in Nagpur district and thousands of people from Nagpur work in the estate. There are about 750 units in Butibori, which employ around 50,000 people. Hingna is a fast-developing town adjoining Nagpur. Kapsi has an industrial estate and is a transport hub.

## **I. Project Impacts and Benefits**

16. The proposed project is aimed at enhancing the connectivity to Nagpur city from various sub urban areas and industrial areas. The expansion of the Metro network under Phase II is expected to ease overcrowding of vehicles on roads, ensure hassle free journey and greater comfort to the commuters from and to the sub urban areas and satellite cities of Nagpur. This can be viewed as a booster to the overall social and economic development of Nagpur city. The improved accessibility to various services and utilities such as markets, commercial industries, health facilities, school, and workplace will contribute to higher productivity which in turn increases the income of the local resident and ultimately elevating their standard of living. The possible direct and indirect positive and negative impacts of the project are listed below.

17. The positive benefits are as follows:

- (i) The immediate benefits of NMRP Phase II project will come in the form of employment opportunities for those who are engaged as wage laborer, petty contractor, and suppliers of raw materials.
- (ii) The mass transport under Phase II will encourage the people to shift from their private vehicles to public transport thereby resulting into lesser vehicles on the road contributing to reduction in traffic congestion, pollution, and accidents.
- (iii) Due to Phase II metro rail network, there will be improved linkage between the sub-urban areas to Nagpur city thereby providing wider work and business opportunities. People can travel from Nagpur city to industrial zones like Butibori MIDC, MIHAN, Hingna MIDC and Transport Nagar etc. to work.
- (iv) This will also help people to get faster access to essential services like school, health center, public distribution system etc.

18. The possible adverse impact of the Phase-II project are:

- (i) Loss of Private land: Despite efforts to minimize the resettlement impact some Private land will be acquired for Phase-II project under the direct purchase policy.
- (ii) Loss of Common Property Resource (CPR): A very small number of CPR will be impacted due to metro station construction
- (iii) Loss of livelihood: Temporary loss of livelihood is anticipated for the non-titled holder due to relocation to outside the corridor of impact. The measures to address these adverse impacts are described in the subsequent sections of this report.

## **J. Corridor of Impact (Col)**

19. The viaduct width of Nagpur metro is 8.5 meters. As per the land acquisition policy for Nagpur Metro Project, the requirement of corridor width for the purpose of land acquisition for private land is kept as 15 meter (which is optimally sufficient to carry out the construction work of viaduct).

#### **K. Minimizing resettlement**

20. Though the Phase II corridor mostly follows median of the road at some locations the alignment is away from the road. Efforts have been made in modifying the engineering design and alignment of Phase-II metro line at various locations to minimize the resettlement impact and land acquisition. The maps of minor adjustment of alignments are provided at Annexure 6.

- Reach-3A: At curve between Raipur & APMC Metro station- The alignment is slightly shifted to avoid demolition of existing structures.
- Reach-2A: Near Kamptee police station alignment has been shifted to avoid demolition of the Kamptee Municipal Council wall and some kiosks (stamp vendors).
- Reach-1A: Between Metro city station to Ashokvan Metro station- Near Ashokvan Metro station two commercial structures have been avoided by shifting alignment.

#### **L. Scope and Objectives of Resettlement Plan:**

21. The aim of this resettlement plan (RP) is to mitigate all such unavoidable negative impacts caused due to the project and restore the livelihoods of all displaced persons. This RP has been prepared based on project census survey finding and consultation with various stakeholders of the project. The RP complies with ADB Safeguard Policy Statement, 2009, the relevant Indian National laws, RFCTLARR, 2013, and the policies and resolutions of Government of Maharashtra. The scope of this RP are:

- (i) Assess the type and extent of loss of land and non-land assets, loss of CPR and loss of livelihood, if any.
- (ii) Assess the impact on vulnerable affected households. As per ADB SPS, 2009, vulnerable groups include (i) those below the poverty line, (ii) the landless, (iii) the elderly, (iv) women and children, and (v) indigenous peoples, and (vi) those without legal title to land.
- (iii) Preparation of Entitlement Matrix to ensure adequate compensation of the displaced households.
- (iv) Formulation of relocation plan and livelihood restoration strategy
- (v) Public Consultation and participation of people in the Phase II project.
- (vi) R&R cost estimate including provision for fund, and
- (vii) Institutional framework for the implementation of the plan, including GRM and monitoring and reporting.

#### **M. Methodology for Resettlement Plan**

22. For preparation of RP, a detailed social impact assessment (SIA) of all the proposed four reaches of Phase II project (Corridor) have been done. The census of land and structures to be affected under the project and socio-economic data of titleholders, non-titleholders have been collected. Public consultations have been conducted with various stakeholders of the project. The details of methodology adopted for the social impact assessment is discussed in the following section.

## **N. Resettlement Screening**

23. A social screening exercise was performed through a reconnaissance survey to gather first-hand information on impact of land acquisition and resettlement with specific attention on private land holders and non-title holders, presence of legal and /or illegal housing, traffic patterns, cultural resources, urban settlements, and other sensitive areas. The aim of this reconnaissance survey was to assess the scope of the private land acquisition and resettlement and accordingly the detailed plan of action was prepared for the preparation of resettlement plan in Phase II project.

## **O. Resettlement Planning**

24. The alignment was finalized as per the detailed engineering design. Initially, the number of land parcel have been identified as per the alignment drawing. The availability of government land was confirmed like MSRTC, Maharashtra Industrial Development Corporation (MIDC), Cantonment land, Nagar Parishad etc.

25. Following the finalization of alignment, identification of affected land and structures, and land acquisition requirements, census of all Displaced Households (DHs) was carried out in the project. The objective of the census and socio-economic survey was to identify the person who would be displaced by the Phase- II project and to make an inventory of their assets that would be lost due to the project which would be the basis of calculation of compensation.

26. A structured census questionnaire (Appendix-1) was used to collect the detailed information on affected land and non-land assets and socio economic data for full understanding of the impacts in order to develop mitigation measures and resettlement plan for DHs. The survey team was selected locally familiar with local language “Marathi” and the team was trained by the resettlement specialist. The survey was closely monitored on a regular basis by the social expert of General Consultant (GC) and implementing agency.

## **P. Public Consultation**

27. To ensure peoples’ participation in the planning phase and promote public understanding about the Phase-II project and for fruitful solutions of local needs, various sections of DPs and other project stakeholders were consulted through focus group discussion, individual interviews, formal and informal consultations.

## **Q. Structure of the Resettlement Plan**

28. In line with the requirement of the ADB’s SPS, 2009, this Resettlement Plan has the following content.

Chapter I	-	Project Description
Chapter II	-	Scope of Land Acquisition and Resettlement
Chapter III	-	Socio-economic information and Profile
Chapter IV	-	Stakeholder Consultation and Participation
Chapter V	-	Legal Framework
Chapter VI	-	Entitlement Matrix
Chapter VII	-	Relocation and Income Restoration
Chapter VIII	-	Resettlement Budget and Financing Plan
Chapter IX	-	Grievance Redressal Mechanism

Chapter X	-	Institutional Arrangement
Chapter XI	-	Implementation Schedule
Chapter XII	-	Monitoring and Reporting

## II. SCOPE OF LAND ACQUISITION AND RESETTLEMENT

### A. Land Acquisition Requirement

29. The proposed construction of four corridors of NMRP Phase II is confined to mostly on the median of an existing right-of-way (RoW) of the road connecting East – West and North – South Corridor. Land is mainly required for construction of stations, viaducts and parking purposes. It is confirmed that the existing RoW of the roads is owned by the Public Work Department (PWD), National Highways Authority of India (NHAI), and Maharashtra Industrial Development Corporation (MIDC). For the land required in the existing RoW like NHAI, State Highways, MIDC etc, necessary permissions/NOC are sought from the concerned department before starting the work physically at site. The ownership of land in the RoW is not sought by Maha-Metro as being government land. In case of requirement of government lands which is out of RoW, the transfer of these government land will be done as per Maharashtra state government, Revenue and Forest Department Government Resolution (GR) dated 1 June 2017<sup>1</sup>.

30. In Phase-II project, the construction of stations (32), via-ducts and a parking facility will result in the acquisition of private land. Since the existing Phase-I depot will be utilized for the Phase-II project, no separate land acquisition will be needed. Details of land requirement as per the survey done by NMRP is given in **Table 4**.

**Table 4: Land Acquisition Requirements under the project**

Corridor	Length (Kms)	Requirement of Land in Ha		
		Pvt.	Govt	Total
MIHAN to MIDC ESR (R-1)	18.7	3.3573	1.2897	4.647
Automotive Square to Kanhan River (R2)	13.0	1.0548	1.2005	2.2553
Lokmanya Nagar to Hingna (R-3)	6.6	0.8156	0.9625	1.7781
Prajapati Nagar to Transport Nagar (R-4)	5.5	0.3472	0.2813	0.6285
<b>Total</b>	<b>43.8</b>	<b>5.5749</b>	<b>3.734</b>	<b>9.3089</b>

Note: Temporary land <sup>2</sup>

31. The above table shows that a total of 9.3089 ha land will be required for the Phase II project, out of which 5.5749 Ha is Private Land and 3.734 Ha is Government Land. The requirement of the quantum of Private and Government land may change on physical verification during the implementation.

<sup>1</sup> The GR mentions that the implementing agency must send proposal to Add. Chief Secretary/ Chief Secretary/ Secretary, competent authority for approval. After getting approval the District Collector will coordinate and finalize the Joint Measurement date of land. Then the concerned department will transfer the land to the implementing agency.

<sup>2</sup> If required, for temporary land requirement for casting yard and for station construction purpose Contractors need to make his own arrangement at his own cost. The contractor will take these sites on temporarily lease basis for the construction period wherever required. After completion of the construction work, these will be handed over back to the landowner or owning agency.

## B. Resettlement Impact

32. Based on the above land requirement, the project impact assessed through project census survey includes loss of private land, loss of government land, loss of non-land assets, and loss of livelihood. In addition, a few CPRs are also affected due to the project. The project census survey was carried during the period 2<sup>nd</sup> March 2023 to 30<sup>th</sup> April 2023.

33. A total of 98 households would be displaced by this project. The details are provided in **Table 5**.

**Table 5: Number of Displaced Households**

SR. No.	Category of Impact	No. of Household	%	TH	NTH
<b>Physically Displaced Households</b>					
1	Owners of Residential Structure	0	0.0	00	00
<b>Total</b>		<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Economically Displaced Households</b>					
1	Owners of Land	51	52.0	51	00
2	Loss of Commercial Structure	0	0.0	00	00
3	Commercial Tenants	0	0.0	00	00
4	Employees in Structures	0	0.0	00	00
5	Kiosks owners	47	48.0	00	47
<b>Total</b>		<b>98</b>	<b>100.0</b>	<b>51</b>	<b>47</b>
<b>Physically and Economically Displaced Households</b>					
1	Owners of Resi+ Commercial Structure	0	0.0	00	00
<b>Total</b>		<b>0</b>	<b>0.0</b>	<b>00</b>	<b>00</b>
<b>Grand Total</b>		<b>98</b>	<b>100.0</b>	<b>51</b>	<b>47</b>

Source: NMRP II Project Census Survey.

## C. Loss of Private Land

34. As per project census survey, the land acquisition of 5.5749 Ha of private land will affect 51 displaced HHs. This land will be acquired mainly for construction of station entry and exit purpose, viaduct and parking purpose. All the landowners have purchased these lands for investment purpose, and they live in the city or nearby vicinity. The use of these lands to be acquired are barren at present Below **Table 6** shows the loss of private land.

**Table 6: Loss of Private Land**

Sr. No	Use of Land	Area (in Hectare)	No. of displaced HHs	No. of displaced persons	%
1	Cultivation	0.000	0	0	0.00
2	Residential	0.000	0	0	0.00
3	Commercial	0.000	0	0	0.00
4	Unused/Barren	5.5749	51	298	100.00
<b>Total</b>		<b>5.5749</b>	<b>51*</b>	<b>298</b>	<b>100.00</b>

\*\*For 10 displaced HHs with no data for size of HH, a multiplier of 4.4, which is the average HH size in Nagpur, is used to arrive at the HH size and included in the number of DPs.

Source: NMRP II Project Census Survey.

#### D. Loss of Private Structure

35. Total 47 structures, owned by 47 non-titleholder households will be impacted due to the project. All these affected structures are temporary in nature. The details of loss of private structures are presented in the **Table 7**.

**Table 7: Loss of Private Structures in the Project**

Sl No	Ownership Status	No. of Structure	No. of displaced HHs	No. of displaced persons	%
1	Titleholder	0	0	0	0.00
2	Leaseholder	0	0	0	0.00
3	Non-titleholder	47	47	235	100.00
<b>Total</b>		<b>47</b>	<b>47</b>	<b>235</b>	<b>100.00</b>

Source: NMRP II Project Census Survey.

36. All the 47 structures affected under the project are kiosks or small shops. The details of type of private structures are presented in the **Table 8**.

**Table 8: Use of Private Structure affected by the project.**

Sl No	Type of Structure	No. of Structure	No. of Displaced HHs	%
	Kiosk	47	47	100.00
<b>Total</b>		<b>47</b>	<b>47</b>	<b>100.00</b>

Source: NMRP II Project Census Survey.

#### E. Intensity of Impact

37. The intensity of impacts in terms of significant and non-significant as defined under ADB SPS, 2009, is provided in the **Table 9**. The significant impacts are defined as (i) being physical displaced from housing, or (ii) losing 10% or more of their productive assets (income generating). There is no person physically displaced from housing due to the project. There is no DH who is losing more than 10% of their productive assets (land) due to the project.

**Table 9: Use of Private Structure affected by the Project**

S No.	Category	Significant (DH)	Non-Significant (DH)	Total DHs	Significant (DP)	Non-significant (DP)	Total DPs
1	Title holder (TH)	0	51	51*	0	298	298
2	Non-title holder (NTH)	0	47	47	0	235	235
<b>Total</b>		<b>0</b>	<b>98</b>	<b>98</b>	<b>0</b>	<b>533</b>	<b>533</b>

\*For 10 not significantly affected TH with no data for size of HH, a multiplier of 4.4, which is the average HH size in Nagpur, is used to arrive at the HH size. These are included in calculating the total DPs.

Source: NMRP II Project Census Survey & Land Department, NMRP

#### F. Loss of Livelihood

38. There is no loss of livelihood among affected landowners as lands are barren. The 47

affected temporary structures of NTHs will be relocated to the nearby place. All the affected NTHs have kiosks which includes tea stall, pan shop, small eateries, cobbler shop, automobile repair shop etc. The livelihood of all these small kiosks holders will not be affected as they will continue to engage with the same activity in the place of relocation. However, these kiosk holders will experience temporary loss of income during the period of relocation to the new place.

### G. Loss of Common Property Resource

39. A total of three CPRs will be affected by the project. These includes two public toilets and one weekly market at Dongangao have been identified. The Dongargaon weekly market land belongs to Maruti Devasthan Trust, and they have provided this land to Gram panchayat on mutual understanding for market purpose. The Gram panchayat has developed 16 platforms for weekly market purpose, out of which 8 platforms are being affected due to the proposed phase-II project. The list of affected CPRs is presented in **Table 10**.

**Table 10: CPRs affected by the Project.**

Sl. No.	Type of CPR	Number of affected CPR
1	Public toilets	2
2	Community structure (Dongargaon weekly market)	1
	<b>Total</b>	<b>3</b>

### H. Impact on Trees

40. A total of 74 private trees on the private land, owned by 25 HHs, will be affected due to the proposed phase-II project. The details of trees affected by the project is given below in **Table No. 11**

**Table 11: Trees affected by the project**

Sr.No.	Reach	Particular of Trees	Number of Trees	Number of HHs
1	1A	Timbers Trees	20	4
		Non-Timber Tree	0	0
		Fruit Trees Tree	0	0
2	2A	Timbers Trees	35	9
		Non-Timber Tree	5	2
		Fruit Trees Tree	2	2
3	3A	Timbers Trees	7	4
		Non-Timber Tree	0	0
		Fruit Trees Tree	0	0
4	4A	Timbers Trees	4	3
		Non-Timber Tree	1	1
		Fruit Trees Tree	0	0
		<b>Total</b>	<b>74</b>	<b>25</b>

### III. SOCIO-ECONOMIC INFORMATION AND PROFILE

#### A. Profile of the Project Affected Villages

41. The metro alignment of NMRP Phase-II is passing the Municipality area and 21 villages outside the city limit. These villages are located either side of the proposed corridor of Nagpur city and are urban agglomeration type. The list of affected villages under each corridor are provided in Table 12.

**Table 12: List of affected Villages**

Station	Village	Station	Village
<b>COR. 1A – MIHAN TO MIDC ESR</b>		<b>COR. –A - LOKMANYA N-R - HINGNA</b>	
Eco Park City	Parsodi	Hinga Mount View	Nildoha
Metro City	Jamtha	Rajeev Nagar	Wanadongari
Ashokvan	Jamtha	Wanadongri	Wanadongari
Dongargaon	Dongargaon	APMC	Wanagondari
Mohagaon	Mohagaon	Raipur	Raipur
Meghdoot CIDCO	Borkhedi	Hingna Bus Stn.	Hingna
Butibori P. Station	Rengapar	Hingna Hospital	Hingna
MAHDA Colony	Kinhi		
MIDC KEC	Kinhi		
MIDC ESR	Kinhi		
<b>COR. –A - AUTOMOTIVE KANHAN RIVER</b>		<b>COR. 4A – PRAJAPATI -TRANSPORT NAR</b>	
Pili Nadi	Wanjara	Pardi	Bhandewadi
Khasara Fata	Wanjara	Kapsi Khurd	Kapsi Khurd
All India Radio	Bhilgaon	Transport Nagar	Kapsi Budruk
Khairi Fata	Khairi		
Lok Vihar	Yerkheda		
Lekha Nagar	Yerkheda		
Contonment	Yerkheda		
Kamptee P. Station	Kamptee (Nazul)		
Kamptee M. Council	Kamptee (Nazul)		
Dragon Palace	Ajani,Gada		
Golf Club	Kamptee		
Kanhan River	Kamptee		

Source: Project Census and Socio-Economic Survey, Apr-I - May 2023.

#### B. Number of Displaced HHs

42. Total 51 TH and 47 NTH HHs (98 DHs) will be affected due to proposed Phase II project. Out of this, socio-economic survey has been undertaken in 88 DHs. In the remaining 10 DHs (TH HHs) survey could not possible because of various reasons such as, some of them are not available and residing outside of Nagpur City. The TH HHs who are not available during the census survey, is highlighted in TH database of **Annexure – 1**.

#### C. Social Stratification of DHs

43. The social stratification of DHs indicates that majority of the DHs belongs to Other Backward Caste (OBC) followed by general category. About 12.5% DHs belong to scheduled caste and 4.5% DHs are from the scheduled tribe category. The detail of social categories of DHs is presented in the **Table 13**.

**Table 13: Social Stratification of the DHs**

Sl. No	Social categories of DHs	No. of DHs	Percentage
1	Scheduled Caste	11	12.50
2	Scheduled Tribe	4	4.55
3	Other Backward Caste	47	53.40
4	General Category	26	29.55
	<b>Total</b>	<b>88</b>	<b>100</b>

Source: Census and Socio-Economic Survey, Apr-I - May 2023.

#### D. Religious Stratification of DHs:

44. Most (81.82%) of the DHs belong to Hindu religion. This is followed by Muslim (12.50%), Sikh (2.27%) and Buddhist (2.27%) and Jain (1.14%) The religious categories of DHs are given below in **Table 14**.

**Table 14: Religious Stratification of the DHs**

Sl. No	Religion of DHs	No. of DHs	Percentage
1	Hindu	72	81.82
2	Muslim	11	12.50
3	Sikh	2	2.27
4	Jain	1	1.14
5	Buddhist	2	2.27
	<b>Total</b>	<b>88</b>	<b>100</b>

Source: Census and Socio-Economic Survey, Apr-I - May 2023.

#### E. Vulnerable Households affected by the Project

45. There are 29 DHs enumerated as vulnerable households in this project. As per the latest Planning Commission, Government of India estimate, a person having monthly per capita consumption expenditure (MPCE) below Rs. 1,126 in the urban area of Maharashtra is considered to be living below poverty line. Based on this calculation of poverty line figure, average annual household consumption expenditure in urban area of Maharashtra is estimated as Rs. 67,560. One DH from the TH category and one DH from NTH category earning less than the average MPCE are considered as vulnerable households in the project. Below Table 15 describes the vulnerability category of DHs.

**Table 15: Vulnerability category of DHs**

Sl. No	Categories of Vulnerability	TH	NTH	Total DHs	Percentage
1	BPL	0	2	2	6.89
2	SC	4	7	11	37.93
3	ST	1	3	4	13.79
4	PwD	1	1	2	6.89
5	Women headed	3	3	6	20.68
6	Household below MPCE	1	1	2	6.89
7	NTH not falling under any other criteria	0	2	2	6.89
	<b>Total</b>	<b>10</b>	<b>19</b>	<b>29</b>	<b>100</b>

Source: Census and Socio-Economic Survey, Apr-I - May 2023.

## F. Number of DPs considered as Separate family as per LA Act

46. There are various categories of DPs summarized in Table 16 who are treated as separate family under Right to Fair Compensation in Land Acquisition and Resettlement Act-2013.

**Table 16: Number of DPs considered as Separate family as per LA Act**

SI. No.	Categories of DPs	Total DPs	Percentage
1	Unmarried Son > 30 years	4	11.76
2	Unmarried Daughter/Sister > 30 years	2	5.88
3	Physically/Mentally Challenged Person	2	5.88
4	Divorcee/Widow	25	77.53
5	Minor Orphan	0	0
	<b>Total</b>	<b>34</b>	<b>100</b>

Source: Census and Socio-Economic Survey, Apr-I - May 2023.

## G. Annual Income level of DHs:

47. The survey reveals that there are 2 DHs having the income below the average MPCE (Rs. 67,560). There are 4 DHs who are earning above Rs. 67,560 and below Rs. 1 lakh; 29 DHs are earning between Rs. 1 lakh to Rs. 2 lakhs; 19 DHs are earning between Rs. 2 lakhs to Rs. 5 lakhs. A maximum 34 DHs are earning more than Rs. 5 lakh per year. The average income level of DHs in the project area is summarized in **Table-17**

**Table 17: Annual Income Level of DHs**

SI. No.	Annual Income Categories in (Rs)	Total DHs	Percentage
1	Below 67560	2	2.27
2	Above 67560 and up to 100000	4	4.55
3	Above 100000 and up to 200000	29	32.95
4	Above 200000 and up to 500000	19	21.59
5	Above 500000	34	38.64
	<b>Total</b>	<b>88</b>	<b>100</b>

Source: Census and Socio-Economic Survey, Apr-I - May 2023.

## H. Educational Status of DPs

48. The educational status of DPs above 6 years shows that there are 6.56% DPs who are illiterate. About 13.79% of DPs are completed Primary education, 27.79% have done Secondary education and 40.48% have completed graduation. The gender segregated details of educational status of DPs are presented in the **Table 18**.

**Table 18: Educational Status of DPs**

SI. No	Educational status	Male	%	Female	%	Total	%
1	Illiterate	8	3.76	22	9.02	30	6.56
2	Primary	24	11.27	39	15.98	63	13.79
3	Secondary	64	30.05	63	25.82	127	27.79
4	Graduation	85	39.91	100	40.98	185	40.48
5	Technical	32	15.02	20	8.20	52	11.38
6	Vocational	0	0	0	0	0	0
	<b>Total</b>	<b>213</b>	<b>100</b>	<b>244</b>	<b>100</b>	<b>457</b>	<b>100</b>

Source: Census and Socio-Economic Survey, Apr-I - May 2023.

## I. Occupational Status of DPs

49. The occupational profile of DPs above 6 years shows that 27.35% DPs are engaged in small business activities , 9.41% are in service sector. The students are 27.35% and housewife is 29.32%. The details of occupational status of DPs are summarized in **Table 19**.

**Table 19: Occupational Status of DPs**

Sl. No	Occupational status	Male	%	Female	%	Total	%
1	Service	33	15.49	10	4.10	43	9.41
2	Small business	106	49.77	19	7.79	125	27.35
3	Agriculture	9	4.23	1	0.41	10	2.19
4	Labour	5	2.35	0	0	5	1.09
5	Unemployed	9	4.23	3	1.23	12	2.63
6	Housewife	0	0	134	54.92	134	29.32
7	Student	50	23.47	75	30.74	125	27.35
8	Professional	1	0.47	2	0.82	3	0.66
	<b>Total</b>	<b>213</b>	<b>100</b>	<b>244</b>	<b>100</b>	<b>457</b>	<b>100</b>

Source: Census and Socio-Economic Survey, Apr-I - May 2023.

## J. Project Impact on Indigenous People

50. There are 4 DHs who belongs to ST category are affected under the project. Of the total, 3 ST HHs belong to the NTH category and 1 ST HH is from TH category. The 4 ST HHs found impacted under this project are scattered all along the project corridors and not confined to any distinct habitat. They are integrated well in mainstream population.

## K. Project Impact on Women

51. The Phase II Project will bring several benefits to women and girls. Direct benefits include a decrease in travel time and access to reliable, convenient and safety transport services. Indirect benefits include faster access to services such as health, education, as well as other government services. During the construction phase, women will also benefit from the increased employment opportunities in technical and non-technical staff at contractor project site office. However, there could be negative impacts such as the spread of STIs (sexually transmitted infections), trafficking, and road safety issues etc. Considering the importance and priority of women safety, the NMRP will make suitable plan and take action to mitigate women safety issues. The contractor will carry out HIV/AIDS awareness program among worker camps and nearby community.

## L. Role of Women in Decision Making

52. Women were asked about their role in decision making on various matters of the household. The women in most of the HHs (82 DHs) responded that they play a role in decision making on several matters of the household. **Table 20** presents the findings on role of women in decision making on various matters.

**Table 20: Role of Women in Decision Making**

SI No	Response	Various matters					Number of DHs	%
		Day to day activities	Education of Child	Health care of child	Purchase of assets	Social functions		
1	Yes	82	82	82	82	82	82	93.18
2	No	6	6	6	6	6	6	6.82
	<b>Total</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>100</b>

Source: Census and Socio-Economic Survey, Apr-I - May 2023.

#### IV. STAKEHOLDER CONSULTATION AND PARTICIPATION

##### A. Stakeholders of Phase II Project

53. Consultations with various stakeholders were carried out during SIA of the project. The primary stakeholders are project Displaced Persons (DPs), project beneficiaries and implementing agency. The secondary stakeholders include the revenue officials, village heads, gram panchayat, NGOs, and business communities in the area.

##### B. Public Consultation in the Project

54. Public Consultations have been initiated from the planning stage of the project and will continue during various stages till the completion of the Phase II project. Public consultations are important to ensure people's participation, identifying the local issues and needs and capturing the views and opinions of various stakeholders during various phases of the project. Various sections of DPs and other stakeholders were consulted through focus group discussions (FGDs) and individual interviews/discussion.

##### C. Methods of Public Consultation

55. FGDs and individual discussions were held with the primary and secondary stakeholders to get wider public input on Phase II project. The DPs, public transporter and commuters were consulted during the project preparation stage. The public consultations were held in all the four reaches. Women members participated in the consultations to express their views and opinions especially with respect to safety and security. Below **Table 21** mentioned the methods used in consultation.

**Table 21: Methods of Public Consultation**

<b>Stakeholders</b>	<b>Methods of Public Consultation</b>
Displaced Person	Census and socio-economic survey involving head of the household as respondent.
Local community	Through Focus Group Discussion (FGD) at proposed station locations.
Public Transporter	Through Focus Group Discussion (FGD) at proposed station locations.
Implementing Agency	Individual interview, discussion
Line Department Agencies	Individual meeting, discussion.

##### D. Scope of Public Consultations and Issues

56. The consultation meetings were held in a free environment and after giving prior intimation to the DPs and other participants. During the consultation process, efforts were made by the team to:

- (i) Ascertain the views of the DPs with reference to NMRP Phase II alignment and minimization of impact.
- (ii) Understand the views of the community on land acquisition and relocation options,
- (iii) Identify and assess the major socio-economic characteristics of the DHs to enable

- effective planning and implementation.
- (iv) Obtain opinion of the community on impacts on community property resources and relocation options.
- (v) Identify local people's needs and expectations from Phase II project.

## E. Findings of Public Consultation

57. Total 13 public consultations (FGDs) have been held in which 162 male members and 34 women members participated. Below **Table 22** presents the number of public consultations conducted and number of male and female participants at various reaches.

**Table 22: reach wise public consultations**

SrN	Particulars of Public Consultation	No. of Public Consultation				No. of Participants	
		R-1A	R-2A	R-3A	R-4A	M	F
1	General Public	1	3	2	1	88	18
2	Rickshaw drivers	0	2	0	1	37	0
3	Traders	1	1	0	0	25	7
4	Students	0	0	1	0	12	9
	<b>Total</b>	<b>2</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>162</b>	<b>34</b>

58. The main issues discussed by the participants in the public consultations and measures to address the same are summarized in **Table 23**. The detailed findings of each Public Consultation including the attendance sheet and photographs are presented in Annexure x.

**Table 23: Summary of Public Consultations**

Sr. No	Location & Date	Participants	Discussion/suggestion by Participants	Measures to be taken by Maha-Metro
1	Dongargao n weekly market traders and Grampanc hayat (R-1A) 28.04.2023	10	a) The weekly market traders were in favor of Phase II project, and they wanted to complete the project as early as possible. People demanded alternative place for relocation of weekly market. b) They also concerned about arrangement of safety precaution during civil activity as they are located near station.	a) The suggestions will be considered by concerned officer of NMRP for planning and implementation of the project. b) The necessary safety precaution will be taken during the civil work.
2	MIDC Colony (R-1A) 28.04.2023	11	a) All the kiosk holders were concerned about alternative locations.	a) They will be relocated to nearby feasible location without affecting their livelihood.

Sr. No	Location & Date	Participants	Discussion/suggestion by Participants	Measures to be taken by Maha-Metro
			b) People wanted to start the work early and complete within the time so that there will be no traffic congestion during civil work.	b) Suggestion noted
3	Pili Nadi, (R-2A) 11.04.2023	13	a) People were in favor of Phase II project, and they wanted project to be completed as early as possible. b) Some people were concerned about dust formation during civil work.	a) The Project will be completed as per the scheduled timeline. b) Necessary precaution will be taken by the NMRP to mitigate the environmental impact. Regular water sprinkling will be done during construction activities.
4	Khasara Fata, (R-2A) 11.04. 2023 (traders)	15	a) Proper care of safety of people should be considered during execution of civil work. b) Compensation for the loss of land should be paid more than market rate.	a) All types of safety measures will be adopted during the execution of the project. b) The compensation against loss of land will be decided by the Committee under the chairmanship of District Collector, Nagpur.
5	All India Radio, (R-2A) 12.04. 2023	10	a) The participants wanted to know the actual rate of compensation against acquisition of land. b) People wanted basic amenities like wider roads during the implementation of Project. c) Peoples are keen to know the date of commencement of work.	a) The compensation against loss of land will be decided by the Committee under the chairmanship of District Collector, Nagpur. b) During work execution it will be ensured that no traffic will be affected. Also, for this purpose coordination shall be done on day-to-day basis with traffic police. c) The civil work will start in the year 2024.
6	Khairi Fata, (R-2A) 12.04. 2023	15	a) Proper care of safety of people should be considered during execution of civil work.	a) All types of safety measures will be adopted during the execution of the project.
7	Lok Vihar, (R-2A)	12	a) Participants demanded for job during	a) The suggestion of the participants has been

Sr. No	Location & Date	Participants	Discussion/suggestion by Participants	Measures to be taken by Maha-Metro
	12.04. 2023		construction of metro stations. People wanted wider roads during the implementation of Project.	noted and every effort will be made to recruit local people during the construction phase of the project.
8	Lekha Nagar, (R-2A) 12.04.2023	13	a) Proper safety of people should be considered during execution of civil work. b) Compensation for the loss of land should be paid more than market rate. c) Some people asked about where to give complaint for Phase II project.	a) All types of safety measures will be adopted during the execution of the project. b) The compensation against loss of land will be decided by the Committee under the chairmanship of Collector, Nagpur. c) The Grievance Redress Committee (GRC) will be constituted by NMRC, and Grievance register will be kept at site location during civil work to record complaint.
9	Hingna bus stop (R-3A) 06.04. 2023	14	a) Proper safety of people should be considered during execution of civil work. b) compensation for the loss of land should be paid more than market rate.	a) All types of safety measures will be adopted during the execution of the project. b) The compensation against loss of land will be decided by the Committee under the chairmanship of District Collector, Nagpur.
10	Raipur, (R-3A) 06.04.2023	10	a) People are in favor of Phase II project, and they wanted to complete the project as early as possible. b) People wanted basic amenities like wider roads during the implementation of Project.	a) The Project will be completed as per the scheduled timeline. b) During execution of Work it will be ensured that no traffic will be affected. Also, for this purpose coordination shall be done on day-to-day basis with traffic police.
11	Pardi, (R-4A) 10.04.2023	15	a) People are in favor of Phase-II project, and they wanted to complete the project as early as possible. b) People wanted basic amenities like wider roads during the	a) The Project will be completed as per the scheduled timeline. b) During execution of Work it will be ensured that no traffic will be affected. Also, for this purpose coordination shall be done

Sr. No	Location & Date	Participants	Discussion/suggestion by Participants	Measures to be taken by Maha-Metro
			implementation of Project. c) Some of the kiosk holders (NTH) expressed concern about their relocation.	on day-to-day basis with traffic police. c) The kiosk holders will be relocated to nearby feasible location without affecting their livelihood.
12	Transport Nagar, (R-4A) 10.04.2023	12	a) There should be fair compensation against loss of land. b) Participants demanded for job during the construction of metro stations. c) The rickshaw drivers were concerned about loss of passenger due to running of proposed Phase II metro.	a) The compensation against loss of land will be decided by the Committee under the chairmanship of Collector, Nagpur. b) The suggestion of the participants has been noted and every effort will be made to recruit local people in the construction phase of the project. c) After commencement of Phase II metro at Transport Nagar metro station, passengers will increase and they opt rickshaws to reach their destination.
13	Consultation with Student 08.05.2023	12	a) All the students are happy for proposed Phase II project as majority of them are travelling long distance by use of road transport to reach the college. b) They suggested that the fare should be minimum.	b) Suggestion noted

#### F. Consultation with officials and other stakeholders

59. The other stakeholders in Phase II project such as officials of Implementing Agency (Maha-Metro), the concern District administration and revenue officials were also consulted on various issues. The details of consultation with officials is summarized in **Table 24**.

**Table 24: Consultation with Officials and Other Stakeholders**

SrNo	Name & Designation	Issue discussed
1	Shri. Atul Gadgil (Director Project)	Project details and optimization and modification of alignment for minimization of resettlement impact
2	Shri. Anand Kumar (ED/Planning & Land) and	Alignment finalization . The Project should be implemented within the planned time frame. The

SrNo	Name & Designation	Issue discussed
	Shri. C Dekate (Sr.AGM/PInG)	safety during the construction activities will be priority of Maha Metro.
3	Shri. Ajay Ramteke (DGM/Land)	Discussed in detail about the process of private land acquisition through negotiation. Discussion on transfer of Govt. land, time required to accomplish the Land Acquisition process.
4	Shri. Pratish Nitey (AGM/Environment)	Discussed in detail the possible impacts that could be arises due to the proposed project. Discussed the relocation of NTH, impact on environment, safety provision during the construction activities.
5	Shri. G D Nishankar (Consultant/Land Dept.)	Discussed and visited along the alignment for affected land. Discussed about CPR and relocation options.
6	Shri. Vishal Hazare (Jr. Executive Survey)	Verify on ground about the actual land acquisition and land plan. Modification of alignment to minimize the Land acquisition and impact.
7	Shri. Piyush Chivande (Dy. Collector/Land)	Discussed in detail about the process and procedure of acquisition of Private and Government Land.
8	Smt. Kalpana S. Koram Sarpanch, gram panchayat, Dongargaon	Discussed about the shifting of weekly market. Women safety during the construction activities.

#### **G. Plan for further Consultation in Phase II project**

60. The effectiveness of the R&R program is directly related to the degree of continuing involvement of those affected by the Project. Several additional rounds of consultations with DPs will form part of further stages of project preparation and implementation. The Implementing Agency – Maha-Metro will be entrusted with the task of conducting these consultations during resettlement plan implementation. The consultation will continue throughout the project implementation period. The following set of activities will be undertaken for effective implementation of the resettlement plan:

- i) In case of any change in engineering alignment planning, the DPs and other stakeholders will be consulted in selection of alignment for minimization of resettlement impacts, development of mitigation measures etc.
- ii) Maha-Metro will conduct information dissemination sessions in the project area and solicit the help of the local community/ leaders and encourage the participation of the DPs in RP implementation.
- iii) During the implementation of resettlement plan, Implementing Agency – Maha Metro will appraise the communities about the progress in the implementation of project works, including awareness regarding NMRP Phase II project.
- iv) Consultation and focus group discussions will be conducted with the vulnerable groups if any, such as women-headed households, Person with disability to ensure that the vulnerable groups understand the process and their needs are specifically taken into consideration.
- v) To get input about the facilities for women in the project implementation and Operation of the project, women will be involved in consultation.

61. A Public Consultation and Disclosure Plan will be prepared by Implementing Agency for the Phase II project as per the format below in **Table 25**.

**Table 25: Format for Public Consultation and Disclosure Plan**

Activity	Task	Timing (date)	Agency	Remark
Public Notification	Notify eligibility cut-off date for NTH		Maha Metro	
Disclosure of Resettlement Plan	Translate RP into Marathi and disclose in local government offices.		Maha Metro	
Disclosure of Resettlement Plan on Maha Metro official website and ADB website	Post RP on Maha Metro and ADB website.		Maha Metro, ADB	
Consultative meeting with DPs during JM survey	Face to face meeting with DPs		Maha Metro	
Disclosure of updated Resettlement Plan.	Disclosure of updated RP after approval		Maha Metro	
Disclosure of updated Resettlement Plan on Maha Metro official website and ADB website	Post updated RP on Maha Metro and ADB website.		Maha Metro, ADB	

## H. Information Disclosure

62. To keep transparency in planning and for further active participation of DPs and other stakeholders in Phase II project, the project information will be disseminated through disclosure of resettlement planning documents. The implementing agency will submit the following documents to ADB for disclosure on ADB's website.

- i) The final RP endorsed by Maha Metro.
- ii) An updated resettlement plan, and corrective action plan prepared during project implementation, if required, and
- iii) The semi-annual resettlement monitoring reports.

63. The implementing agency, Maha Metro will translate the RP in Marathi and disclose in local government offices.. The RP and the executive summary of the RP in local language will be disclosed on the EA website. Information brochure, containing information on project benefits, entitlement matrix, and grievance redress committees contact information, in local language will be prepared and distributed to DPs individually. For DPs who are illiterate, appropriate, and implementable methods will be followed to notify and inform such DPs. The implementing agency will disclose the relevant information through public consultations and other appropriate method and will pay specific attention to ensure that those who are illiterate will receive information on a timely basis.

## V. LEGAL FRAMEWORK

### A. Introduction

64. The legal framework and principles adopted to address the resettlement issues of the Phase II project is guided by the existing legislation and policies of Government of India (GoI), Government of Maharashtra, and the SPS, 2009 of ADB. Prior to the preparation of the RP, a detailed analysis of the existing national and state policies was undertaken. This section provides the details of various national and state level legislations, resolutions, and their applicability for the Phase II project.

### B. Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, (RFCTLARR, Act 2013):

65. This RFCTLARR, 2013 replaced the Land Acquisition Act, 1984 and is applicable to all states in India. RFCTLARR, 2013 is the first national/central law that addresses land acquisition and rehabilitation and resettlement. This Act provides an enhanced framework for providing compensation and resettlement and rehabilitation assistance through a participative and transparent process for land acquisition in the public interest. The Act lays down procedures for estimating fair compensation of the displaced persons (and not just the titleholders) due to land acquisition, rehabilitation, and resettlement. Some of the key features are as follows:

- (i) Preliminary investigations/preparation of Social Impact Assessment (SIA) and preparation of Social Impact Management Plan (SIMP) or Resettlement Action Plan (RP)
- (ii) Preliminary Notification stating project/ public purpose; reasons necessitating land acquisition; summary of SIA; and particulars of the Administrator appointed for the purpose of rehabilitation and resettlement; receipt of Objections and Hearing after the approval of SIA and within 12 months from the date of SIA approval.
- (iii) Preparation of Rehabilitation and Resettlement Scheme and its declaration by the District Collector after the same is approved by the Commissioner-Rehabilitation and Resettlement.
- (iv) Public notice and award of compensation and R&R assistance by District Collector within a period of twelve months from the date of the Award publication.

66. Salient features of the RFCTLARR Act, 2013 are listed below

- (i) The Act provides for land acquisition as well as rehabilitation and resettlement. It replaces the Land Acquisition Act, 1894 and National Rehabilitation and Resettlement Policy, 2007.
- (ii) The Act provides for the baseline for compensation and has devised a sliding scale which allows States to fix the multiplier (which will determine the final award) depending on distance from urban centers.
- (iii) The affected communities shall be duly informed and consulted at each stage, including public hearings in the affected areas for social impact assessment, wide dissemination of the details of the survey to be conducted for R&R plan or scheme.
- (iv) Compensation in rural areas & urban areas would be calculated by multiplying market value by up to two and one respectively.
- (v) The Collector shall take possession of land only after ensuring that full payment of compensation as well as rehabilitation and resettlement entitlements are paid or tendered to the entitled persons; families will not be displaced from land till their alternative R&R sites are ready for occupation.
- (vi) The benefits to be offered to the affected families include – financial support to the affected families for construction of cattle sheds, shops, and working sheds, transportation costs.
- (vii) Rehabilitation and resettlement benefits to which they are entitled in monetary terms along with a one-time entitlement of fifty thousand rupees.
- (viii) For ensuring transparency, provision has been made for mandatory dissemination of information on displacement, rehabilitation, and resettlement, with names of the affected persons and details of the rehabilitation packages. Such information shall be placed in the public domain on the Internet as well as shared with the concerned Gram Sabha's and Panchayats, etc. by the project authorities.
- (ix) No income tax shall be levied, and no stamp duty shall be charged on any amount that accrues to an individual as a result of the provisions of this law (section 96).

### **C. The Metro Railways (Construction of Works) Act, 1978 (33 of 1978)**

67. For construction of Metro Railway and any other work connected therewith, the Metro Railways (Construction of Works), Act, 1972 empowers metro rail administration to acquire,

- (i) Any land, building, street, road, or passage or,
- (ii) Any right of user or any right in easement, thereon for construction of work.

68. **Power to acquire land.** The central government, on receipt of an application from metro rail administration, may declare its intention to acquire the land, building, street, road, or passage for public purpose by notification in the Official Gazette.

69. **Publication of notification for acquisition.** After the issue of notification the metro railway administration or any officer or other employee of the metro railway has legal right (a) to enter upon and survey and take level of the land, building, street, road or passage (b) to dig or bore into the sub-soil, (c) to set out the intended work (d) to mark level/boundary (e) to do all other works found necessary for preliminary examination of metro rail construction.

70. **Hearing of objection.** A person interested in land, building, road, street or passage may file an objection within 21 days of publication of notification under sub-section 3 of section 7. The Competent Authority (a) judicial officer in the rank of a subordinate judge appointed by the Central Government will have right to publish a public notice inviting claim from all persons interested in the

land, building, street, road or passages, or the right of user or the right in easement therein to be acquired. The Competent Authority or the Appellate Authority will determine the compensation amount taking into consideration (a) the market value of the land, building, street, road, or passage on the date of notification under section 7, (b) the damage, if any sustained by the person interested, (c) person interested is compelled to change his residence or place of business.

**D. Maharashtra Government Decision No. NMR-3318/Pra.Kra.145/Navi-7 dated 12<sup>th</sup> May 2023 of Urban Development Department, GoM – Regarding provision of R & R**

71. The Urban Development Department of Maharashtra Government has issued Notification No. NMR-3318/Pra.Kra.145/Navi-7 on 12<sup>th</sup> May 2023 for implementation of NMRP Phase-II project. Wherein, Mumbai Urban Transport Project (MUTP) – R & R Policy, 2000 for Resettlement and Rehabilitation of PAPs for Nagpur Phase – II project has been made applicable.

**E. Government Decision No. SANKIRNA-03/2015/Para.Kra.34/A-2/ dated 12 May 2015 and SANKIRNA-03/2015/Para.Kra.34/A-2/ dated 30 September, 2015 of Revenue & Forest Department, GoM – Regarding Acquisition of private land for irrigation and other projects by negotiation through direct purchase method**

72. Revenue and Forest Department of Maharashtra Government issued Government Resolution No: Misc.-03/2015/C.N.34/A-2 on 12<sup>th</sup> May 2015 and 30<sup>th</sup> September 2015 in the context of acquiring land of private sector by method of direct purchase through private negotiations for irrigation and other projects. Direct purchase method ensures that the property owners are negotiated directly for purchase of land by giving them an amount amicably accepted by the affected person which is 250% of the market value. In the process the concerned person is getting better price for the involved land and structure. The amount paid includes all the components of resettlement and rehabilitation. See Annexure 7, which includes an assessment of land acquisition and resettlement using the direct purchase method under the Nagpur Metro Project Phase 1.

73. Generally, for a different project, the private land required is acquired as per the prevailing Land Acquisition Act by the concerned Land Acquiring Institution. However, if the land required by Land Acquiring Institution is acquired by direct purchase method instead of acquiring as per Land Acquisition Act, which is not prohibited in Land Acquisition Act, it shall be done considering following directive principles:

(i) Directive Principle – Land required for new projects other than irrigation project. While acquiring land through direct purchase method, land shall be acquired for the entire project.

74. District level committee for deciding compensation – A committee shall be constituted under the Chairmanship of Collector to decide the rate of land being acquired through direct purchase method. The committee shall comprise the following:

- (a) District Collector – Chairman
- (b) Superintending Engineer Irrigation – Member
- (c) Superintending Engineer PWD – Member
- (d) District Government Pleader – Member
- (e) Assistant Director of Town Planning – Member
- (f) Competent Authority of acquiring body – Member
- (g) Concerned Deputy Collector (Land Acquisition) – Member

75. In addition to this as per requirement for exercising valuation of trees/ fruit trees/ forest trees/ standing crops, construction & other amenities, competent person, or specialist of the related subject from Agriculture, Forest, Gardening etc. shall be included as invitee member.

76. Above mentioned committee, before deciding the compensation of land, will verify the valuation of land as per the land acquisition act in force, documentation regarding the original owner of land & legal search report of land through Govt. Pleader.

(ii) Procedure for deciding compensation – For projects while acquiring the land through direct purchase method, the amount of compensation shall be calculated as per the provision of Section No. 26 to 30 of Land Acquisition Act 2013 & Schedule I, including other related features, then 25% should be added to the above-calculated compensation.

77. Options to farmers while accepting the compensation – Following two options shall be offered to farmers while acquiring the land through direct purchase method for a project.

- (i) Paying complete compensation as calculated (c) above at one time.
- (ii) (a) while purchasing land/ taking over land 50% amount will be paid at the first stage out of whole compensation.
- (iii) Remaining 50% amount will be paid as annuity.

#### **F. Applicable Laws to NMRP – Phase II**

78. As per RFCTLARR Act, 2013, Section 107 states that “Power of Legislature to enact any law more beneficial to affected families” and Section 108 states that “Option to affected families to avail better compensation and rehabilitation and resettlement”. Henceforth, where a state law or a policy framed by the Government of a state offers more beneficial rehabilitation and resettlement provisions under that Act or policy than under this Act, the affected persons or his family or member of his family may at his option opt to avail such rehabilitation and resettlement provisions under such state law or such policy of the state instead of under this Act.

79. The guidelines and circulars of the Government of Maharashtra will be applicable for land acquisition, rehabilitation, and resettlement compensation for NMRP Phase-II. The direct purchase method ensures that the property owners are negotiated directly for purchase of land by giving them an amount amicably accepted by the affected person which is 250% of the market value. In the process the concerned person is getting a better price for the involved land and structure. The amount to be paid includes all the components of resettlement and rehabilitation. However, due to unforeseen condition, if any one of the affected persons do not agree with applicable act/rule, compensation shall be paid as per Schedule-I & II of RFCTLARR Act, 2013.

#### **G. ADB’s Safeguard Policy Statement (SPS), 2009**

80. The objectives of ADB's SPS (2009) regarding involuntary resettlement are: (i) to avoid involuntary resettlement wherever possible; (ii) to minimize involuntary resettlement by exploring project and design alternatives; (iii) to enhance, or at least restore, the livelihoods of all displaced persons in real terms relative to pre-project levels; and (iv) to improve the standards of living of the displaced poor and other vulnerable groups.

81. ADB's SPS (2009) covers physical displacement (relocation, loss of residential land, or loss of shelter) and economic displacement (loss of land, assets, access to assets, income

sources, or means of livelihoods) because of; (i) involuntary acquisition of land, (ii) involuntary restrictions on land use or on access to legally designated parks and protected areas. It covers displaced persons whether such losses and involuntary restrictions are full or partial, permanent, or temporary.

82. The three important elements of ADB's SPS (2009) are: (i) compensation at replacement cost for lost assets, livelihood, and income prior to displacement; (ii) assistance for relocation, including provision of relocation sites with appropriate facilities and services; and (iii) assistance, for rehabilitation to enhance, or at least restore, the livelihoods of all displaced persons relative to national minimum standard of living.

#### H. Comparison of RFCTLARR Act, 2013 and ADB Policies:

83. The new Act 'The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013', which has integrated provisions of National Rehabilitation and Resettlement Policy (2007) with that of The Land Acquisition Act (LAA) of 1894 (as amended in 1984), recognizes titleholders and non-titleholders affected by land acquisition. The RFCTLARR Act, 2013 came into effect from January 1, 2014. This Act both complement the revision of the NRRP (2007) and significantly decreases the gaps between the LA Act 1894 and ADB's SPS, 2009. The Act also expands compensation coverage of the principal Act by requiring that the value of trees, plants, or standing crops damaged must also be included and solatium being 100% of all amounts inclusive. The Act furthermore meets ADB requirements for all compensation to be paid prior to project taking possession of any land and provision of R&R support including subsistence grant and transportation cost.

84. Therefore, the RFCT in LARR Act – 2013 has established near equivalence of the government's policies with those of ADB's SPS, 2009. Adoption of the below principles for the project has ensured that both are covered in their application to this project. A comparison of ADB and RFCTLARR Act, 2013 and measures to fill the gaps is presented below **Table 26**.

**Table 26: Comparison of RFCTLARR Act, 2013 and ADB Policies**

Sr No	Aspect	ADB Safeguard Requirement	RFCTLARR Act, 2013	Measures to bridge the GAP
1	Screen the project	Screen the project to identify past, present, and future involuntary resettlement impacts and risks. Conduct survey and/or census of displaced persons, including a gender analysis, specifically related to resettlement	4 (I) it is obligatory for the appropriate Government intends to acquire land for a public purpose to carry out a Social Impact Assessment study in consultation with concern Panchayat, Municipality or Municipal Corporation at village level or ward level in the affected area. The Social Impact Assessment study report shall be made available to the public in the manner	Screening of project in line with the IR checklist of ADB, towards Enabling identification of the Potential Resettlement impacts and associated risks.

Sr No	Aspect	ADB Safeguard Requirement	RFCTLARR Act, 2013	Measures to bridge the GAP
			prescribed under section 6.	
2	Consultation with stake holders and establish grievance redress mechanism	Carryout consultations with displaced persons, host communities and concerned NGOs. Inform all displaced persons of their entitlements and resettlement options	Whenever a Social Impact Assessment is required to be prepared under section 4, the appropriate Government shall ensure that a public hearing is held at the affected area, after giving adequate publicity about the date, time and venue for the public hearing, to ascertain the views of the affected families to be recorded and included in the Social Impact Assessment Report. The Land Acquisition Rehabilitation and Resettlement Authority shall be established in each State by the concerned State Government to hear disputes arising out of projects where land acquisition has been initiated by the State Government or its agencies.	No gap between SPS and RFCTLARR-2013
3	Improve, or at least restore, the livelihoods of all displaced, and payment at replacement cost	Improve or restore the livelihoods of all displaced persons the: (48) (i) land- based resettlement strategies. (ii) prompt replacement of assets with access to assets of equal or higher, (48) (iii) prompt compensation at full replacement cost for assets that cannot be restored (48) (iv) additional revenues and services through benefit sharing schemes were possible.	The Collector having determined the market value of the land to be acquired shall calculate the total amount of compensation to be paid to the landowner (whose land has been acquired) by including all assets attached to the land. Livelihood losers are eligible for various rehabilitation grants.	No gap between SPS and RFCTLARR-2013 Assets to be compensated at replacement cost without depreciation and other Livelihood assistances and income restoration measures will be included.
4.	Assistance for displaced	Provide physically and economically displaced	Schedule-I provides market value of the	No gap between SPS and

Sr No	Aspect	ADB Safeguard Requirement	RFCTLARR Act, 2013	Measures to bridge the GAP
	persons	persons with needed assistance	land and value of the assets attached to land. Schedule II provides R&R package for TH and for livelihood losers including landless and special provisions for Scheduled Tribes.	RFCTLARR - 2013 Entitlement Matrix outlines compensation and assistance for DPs.
5	Right of users	Provide legal and affordable access to land and resources in rural areas and appropriate income sources and legal and affordable access to adequate housing in urban area	No specific measures are found.	The Metro Railways Act, 1978 acquire the right of users under sub-section. (2) of Section 13 by compensating their loss at 10% of amount determined under sub-section (1) for that land, building, street, road or passage.
6.	Improve standard of living of displaced vulnerable groups	Improve the standards of living of the displaced poor and other vulnerable groups, including women-headed families, to at least national minimum standards.	RFCTLARR- 2013 only provides special provisions scheduled tribe.	Provisions outlined in ADB SPS will be followed for the project
7.	Negotiated Settlement	Develop procedures in a transparent, consistent, and equitable manner if land acquisition is through negotiated settlement to ensure that those people who enter negotiated settlements will maintain the same or better income and livelihood status	RFCTLARR only apply in case of land acquired/purchased for PPP projects and for Private Companies. Section: 2.(2), and 46.	Provisions outlined in ADB SPS will be followed for the project. The EM provisions which are in compliance with the SPS requirement will fully apply for all modes of land procurement i.e. direct purchase and compulsory acquisition.
8.	Compensation For non-title holders	Ensure that displaced persons without titles to land or any recognizable legal rights to land are eligible for resettlement assistance and compensation for loss of non-land assets.	Non-titleholders on acquired land area is only included but not clear about NTH in existing govt. land	The NMRP will resettle or relocate the Street Vendor / Kiosks (NTH) in proper coordination with local govt.

Sr No	Aspect	ADB Safeguard Requirement	RFCTLARR Act, 2013	Measures to bridge the GAP
				authority.
9.	Requirement of Resettlement Plan	Prepare a resettlement plan / indigenous peoples plan elaborating on DPs entitlements, the income and livelihood restoration strategy, institutional arrangements, monitoring, and reporting framework, budget, and time-bound implementation schedule.	Preparation of Rehabilitation and Resettlement Scheme including timeline for implementation. <i>Section: 16. (1) and (2).</i> Separate development plans to be prepared. <i>Section 41</i>	No gap between SPS and RFCTLARR, 2013 Resettlement plan will be prepared for project with impact.
10.	Public Disclosure	Disclose a draft RP, including documentation of the consultation process in a timely manner, before project appraisal, in an accessible place and a form and local language understandable to DP and other stakeholders. Disclose the final resettlement plan and its updates to DPs and other stakeholders	Under clause 18, the Commissioner shall cause the approved Rehabilitation and Resettlement Scheme to be made available in the local language to the <i>Panchayat</i> , Municipality or Municipal Corporation. As the case may be, and the offices of the District Collector, the Sub-Divisional Magistrate, and the <i>Tehsil</i> , and shall be published in the affected areas, in such manner as may be prescribed and uploaded on the website of the appropriate Government.	In addition to the publishing of the approved RP the resettlement includes provision for disclosure the various documents pertaining to resettlement plan implementation.
11.	Cost of resettlement	Include the full costs of measures proposed in the resettlement plan and indigenous peoples plan as part of project's costs and benefits. For a project with significant involuntary resettlement impacts and / or indigenous peoples plan, consider implementing the involuntary resettlement component of the project as a stand-alone operation.	16. (I) Upon the publication of the preliminary notification under sub section (I) of section I by the collector, the administrator of R&R shall conduct a survey and undertake a census of the affected families, in such manner and within such time as may be Prescribed, which shall include: (a) particulars of lands and immovable properties being acquired of each affected family; (b)	No gap between SPS and RFCTLARR. - 2013 Cost of resettlement will be covered by NMRP implementing agency.

Sr No	Aspect	ADB Safeguard Requirement	RFCTLARR Act, 2013	Measures to bridge the GAP
			<p>livelihoods lost in respect of land losers and landless whose livelihoods are primarily dependent on the lands being aired. (c) a list of public utilities and Government building which are affected or likely to e affected, where resettlement of affected families if involved: (d) details of the amenities &amp;infrastructural facilities which are affected or likely to be affected, where resettlement of affected families invited; and (e) details of any CPR being acquired</p>	
12.	Taking over possession before Payment of compensation	Pay compensation and provide other resettlement entitlements before physical or economic displacement. Implement the RP under cost supervision throughout the project implementation.	38 (I) The Collector shall take possession of land after ensuring that full payment of compensation as well as rehabilitation and resettlement entitlements are paid or tendered to the entitled persons within a period of three months for the compensation and a period of six months for the monetary part of rehabilitation and resettlement entitlements listed in the Second Schedule commencing from the date of the award made under section 30.	No gap between SPS and RFCTLARR, 2013.
13.	Monitoring	Monitor and assess the resettlement outcomes, their impacts on the standards of living of displaced persons, and whether the objectives of the resettlement plan have been achieved by 25as	48 (I) The Central Government may, whenever necessary for national or inter-State projects, constitute a National Monitoring Committee for reviewing and	For project, Monitoring mechanism and frequency will follow ADB SPS based on categorization.

Sr No	Aspect	ADB Safeguard Requirement	RFCTLARR Act, 2013	Measures to bridge the GAP
		elyring the baseline conditions and the results of resettlement monitoring. Disclose monitoring the reports.	monitoring the implementation of rehabilitation and resettlement schemes or plans under this Act.	

## I. R&R Policy Framework for the NMRP Phase II

85. Based on the above analysis of Government provisions and ADB policies, the following resettlement principles are adopted for this project.

- (i) Screen the project early on to identify past, present, and future involuntary resettlement impacts and risks. Determine the scope of resettlement planning through a survey and/or census of displaced persons, including a gender analysis, specifically related to resettlement impacts and risks. Measures to avoid and minimize involuntary resettlement impacts include the following: explore alternative alignments or locations which are less impacting, (ii) ensure the appropriate technology is used to reduce land requirements, (iii) modify the designs, cross sections, and geometrics of components to minimize the involuntary resettlement.
- (ii) Carry out meaningful consultations with displaced persons, host communities, and concerned non-government organizations. Inform all displaced persons of their entitlements and resettlement options. Ensure their participation in planning, implementation, and monitoring and evaluation of resettlement programs. Pay particular attention to the needs of vulnerable groups, especially those below poverty line, the landless, the elderly, women and children, and indigenous peoples, and those without legal title to land, and ensure their participation in consultations. Establish a grievance redress mechanism to receive and facilitate resolution of the concerns of displaced persons. Support the social and cultural institutions of displaced persons and their host population. Where involuntary resettlement impacts and risks are highly complex and sensitive, compensation and resettlement decisions should be preceded by a social preparation phase.
- (iii) Improve, or at least restore, the livelihoods of all displaced persons through; (i) land-based resettlement strategies when affected livelihoods are land based where possible or cash compensation at replacement cost for land when the loss of land does not undermine livelihood, (ii) prompt replacement of assets with access to assets of equal or higher value, if any (iii) prompt compensation at full replacement cost for assets that cannot be restored.
- (iv) Provide physically and economically displaced persons with needed assistance, including the following: (i) if there is relocation, secured tenure to relocation land, better housing at resettlement sites with comparable access to employment and production opportunities, integration of resettled persons economically and socially into their host communities, and extension of project benefits to host communities; (ii) transitional support and development assistance, such as land development, credit facilities, training, or employment opportunities; and (iii) civic infrastructure and community services, as required.
- (v) Improve the standards of living of the displaced poor and other vulnerable groups, including women-headed households, to at least national minimum standards. In rural areas, provide them with legal and affordable access to land and resources, and in urban areas provide them with appropriate assistance to affordable access

- to adequate housing.
- (vi) Ensure that displaced person without title to land or any recognizable legal rights or Squatters on the land are eligible for resettlement assistance and compensation for loss.
- (vii) Prepare a resettlement plan elaborating on the entitlements of DPs, the income and livelihood restoration strategy, institutional arrangements, monitoring and reporting framework, budget, and time-bound implementation schedule.
- (viii) Disclose a draft resettlement plan, including documentation of the consultation process in a timely manner, before project appraisal, at an accessible place in local language understandable to displaced persons and other stakeholders. Disclose the final resettlement plan and its updates to displaced persons and other stakeholders.
- (ix) Conceive and execute involuntary resettlement as part of a development project or program. Include the full costs of resettlement in the presentation of project's costs and benefits.
- (x) Pay compensation and provide other resettlement entitlements before physical or economic displacement. Implement the resettlement plan under close supervision throughout project implementation.
- (xi) Monitor and assess resettlement outcomes, their impacts on the standard of living of displaced persons, and whether the objectives of the resettlement plan have been achieved by considering the baseline conditions and the results of resettlement monitoring. Disclose monitoring reports.

#### **J. Valuation of Land**

86. Initially the Direct Purchase Method under Government of Maharashtra Resolution No: Misc.-03/2015/C.N.34/A-2 on 12<sup>th</sup> May 2015 and 30<sup>th</sup> September 2015 will be adopted for acquisition of private land affected by NMRP Phase II. For any reason if any one of the affected persons do not agree with this regulation, then land acquisition will be done as per RFCTLAAR, Act – 2013. Initially the Direct Purchase Method under Government of Maharashtra Resolution No: Misc.-03/2015/C.N.34/A-2 on 12<sup>th</sup> May 2015 and 30<sup>th</sup> September 2015 will be adopted for acquisition of private land affected by NMRP Phase II. For any reason if any one of the affected persons do not agree with this regulation then land acquisition will be done as per RFCTLAAR, Act – 2013

#### **K. Valuation of Trees**

87. Compensation of trees will be based on their full replacement cost. The District Collector or concern forest department of similar authority or agriculture department or horticulture department is the authority for the purpose of determining the market value of trees and plants attached to the land acquired.

#### **L. Land Acquisition Process as per RFCTLAAR, Act – 2013**

88. A Land Acquisition Plan will be prepared to indicate respective land plot (Khasra) revenue survey map boundaries and numbers referring to the land registration maps maintained by area level administration. It also includes collecting details such as owner of property, type of structure, number of floors and land use patterns, such as residential, agricultural commercial, barren, forest etc. Land acquisition proposal is prepared in the format prescribed by the Revenue Department including collection of property records, Khasra and city survey number including superimposition

of revenue record on proposed alignment and calculation of area to be acquired, preparation of statement of area to be acquired along with landowners' details etc. This proposal is then submitted to the office of District Collector for acquisition. As per section 96 of RFCTLAAR, Act – 2013 no income tax will be applicable.

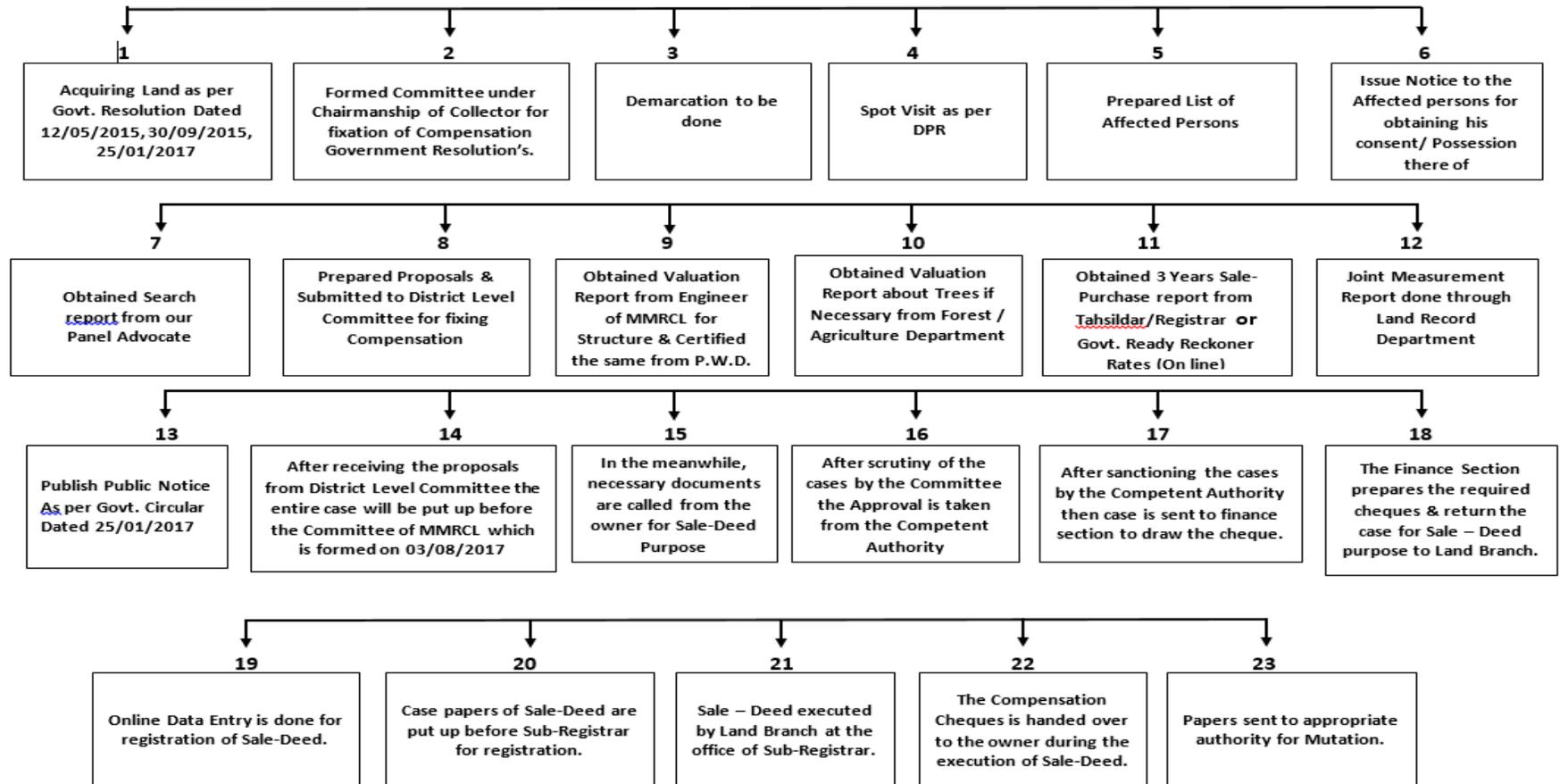
#### **M. Land Acquisition Process as per Maharashtra Government Resolution – Direct Purchase Method**

89. The Maha Metro team will ensure issuing timely notices and implementing necessary procedures for land acquisition as per Government of Maharashtra Orders. Maha Metro will appoint a third-party resettlement consultant to document that direct purchase process is impartial and conducted without coercion. The following procedure will be followed for land acquisition under direct purchase method.

- (i) Authorized person from Land cell of Maha Metro along with representative of CPM office will visit the property for verification to be acquired as per DPR.
- (ii) The list of affected persons will be prepared by the authorized person of Land cell.
- (iii) Notices to the affected persons will be issued for hearing and submission of ownership documents and consent letter to Maha Metro.
- (iv) On submission of ownership document and consent letter by affected persons, the demarcation will be done by authorized person from the Land cell/nominated agency by Maha Metro.
- (v) The nominated agency will carry out the demarcation as per the DPR and same will be superimposed on city survey map.
- (vi) The case is prepared and sent to the nominated Advocate of Maha Metro for submission of search report.
- (vii) The complete case is sent to the nominated engineer of Land Cell, Maha Metro along with a search report and relevant documents for valuation. The Engineer from the respective Section as nominated by CPM will submit to DGM (Land).
- (viii) Record for last three years sale/purchase for the area from the Registrar of Stamp Duty will be obtained and submitted along with the documents.
- (ix) 7/12 of the land will be obtained from Patwari of that area and the property card is obtained from the Land Record Department.
- (x) On obtaining all the data as above, the compilation will be done by land cell of Maha Metro and will be submitted to DGM Finance for its scrutiny before submission to the District Collector.
- (xi) District Level Committee will be formed under the chairmanship of Collector for fixing the amount of compensation of the land to be acquired for direct purchase. The Committee will fix the amount on compensation as per guidelines of GOM.
- (xii) The Collector passes the order for compensation of the land to be procured by direct purchase.
- (xiii) The committee will review and process for execution of sale deed will be initiated by the land cell.
- (xiv) Sale deed will be prepared and executed between Mahamari and private landowner.
- (xv) Finally, the Possession of land will be taken from private landowner by NMRP. The Below **Table 27** shows the step of Direct Purchase Method of land acquisition.

**Table 27: Describes the process of Direct Purchase Method of LA**

**Complete Procedure for Land Acquisition of Private Persons by Method of Direct Purchase through Private negotiation**



## **VI. ENTITLEMENT, ASSISTANCE AND BENEFITS**

### **A. Introduction**

90. This NMRP Phase II project will have two type of Displaced Persons i.e., (i) persons with formal legal rights to land lost in its entirety or in part (TH); and (ii) persons who lost the land they occupy in its entirety or in part who have neither formal legal rights nor recognized or recognizable claims to such land (NTH). The involuntary resettlement requirements apply to all two types of displaced persons. There are no residential and commercial structures of THs identified during the survey. The NTHs affected by the project are mainly the kiosk owners with no permanent structure. This chapter describes provision for all type of DPs and formulated the entitlement matrix.

### **B. Cut- off Date for Entitlement**

91. For titleholders in case of land acquisition under direct purchase through negotiation, the cut-off date shall be date of individual notification of land acquisition by the committee headed by Land Acquisition Officer. For non-titleholders, the cut-off date will be the start date of the census survey which is 3<sup>rd</sup> April 2023. DPs who settle in the affected areas after the cut-off date will not be eligible for compensation. They, however, will be given sufficient advance notice, requested to vacate premises and dismantle affected structures prior to project implementation. Their dismantled structures /materials will not be confiscated, and they will not pay any fine or suffer any sanction.

### **C. Project Entitlement**

92. As mentioned in the previous chapter, for land acquisition under direct purchase method all the DHs (TH) will be compensated as per Govt of Maharashtra's GR No: Misc.-03/2015/C.N.34/A-2 (May 12, 2015, and September 30, 2015) where 25% will be added over and above of the compensation calculated as per provision under section 26 to 30 and schedule I of RFTCLAAR, Act – 2013. In case any affected persons do not agree with direct purchase method then land acquisition will be done as per RFTCLAAR, Act – 2013 and the provisions of proposed entitlement matrix will apply. Additionally, the provisions of entitlement matrix will also apply for NTHs affected under the project.

## D. Entitlement Matrix

93. An entitlement matrix has been developed that summarized the types of losses and the corresponding nature and scope of entitlements and in compliance with Government of Maharashtra GR No Misc.-03/2015/C.N.34/A-2 dated 12 May 2015 and 30 September 2015 on Direct Purchase through Negotiation method, RFTCLARR, Act – 2013 and ADB SPS, 2009. All compensation and assistance will be paid prior to any physical or economic displacement. Table 28 below presents the Entitlement Matrix for NMRP Phase II project.

**Table 28: Entitlement Matrix**

Sr. No.	Categories	Entitlements	Responsible Agency
1	Loss of land only	Land will be acquired on payment of compensation as per RFCTLARR Act 2013. Or, Compensation as per Govt of Maharashtra's GR No: Misc.-03/2015/C.N.34/A-2 (May 12, 2015, and September 30, 2015).	District Collector and Maha Metro
2 a	Loss of land and residential structure for owner only.	<p>a) Land will be acquired on payment of compensation as per RFCTLARR Act 2013.</p> <p>b) One-time subsistence allowance of Rs.36,000/- per affected family who is required to relocate due to project. SC/ST ( if displaced from schedule area) will get Rs. 50,000 in addition to the above.</p> <p>c) One-time Resettlement Allowance of Rs.50,000/- for affected family.</p> <p>d) Transportation- One-time financial assistance of Rs. 50000/ per affected family as transportation cost for shifting of the family, building materials, belongings and cattle.</p> <p>e) The owner is entitled to a 50 sq mtr house at outskirts of the city or alternatively in the vicinity of their area, the following will be offered:</p> <p>1) 50 sq ft-100 sq ft = 150 sq ft            2) 101 sq ft-200 sq ft = 300 sq ft            3) 201 sq ft-400 sq ft = 450 sq ft            4) 401 sq ft-550 sq ft= 550 sq ft            5) 551 sq ft and above= existing carpet area</p> <p>Or,            The cash in lieu of house will be Rs.5,50,000/-</p> <p>f) Right to salvage affected materials.</p> <p>Note: Stamp duty and registration charges will be born in case of new houses or sites</p> <p>Or,            Compensation as per Govt of Maharashtra's GR No: Misc.-03/2015/C.N.34/A-2 (May 12, 2015, and September 30, 2015).</p>	District Collector, PWD dept., and Maha Metro

Sr. No.	Categories	Entitlements	Responsible Agency
2b	Loss of land and residential structure for owner and tenant staying in the same premises.	<p>Owner:</p> <p>a) Land will be acquired on payment of compensation as per RFCTLARR Act 2013.</p> <p>Tenant &amp; Owner Both Owner and Tenant will get the following compensation:</p> <p>b) One-time subsistence allowance of Rs.36,000/- per affected family who require to relocate due to project.</p> <p>c) One-time Resettlement Allowance of Rs.50,000/- for affected family.</p> <p>d) Transportation- One-time financial assistance of Rs. 50000/ per affected family as transportation cost for shifting of the family, building materials, belongings and cattle.</p> <p>e) The owner is entitled to a 50 sq meter house at outskirts of the city or, in the vicinity of their area on ownership basis. The tenant will be entitled to a house of equivalent area of lease basis only. Following criteria will be used for determining the size of house.</p> <p>1) 50 sq ft-100 sq ft = 150 sq ft 2) 101 sq ft-200 sq ft = 300 sq ft 3) 201 sq ft-400 sq ft = 450 sq ft 4) 401 sq ft-550 sq ft= 550 sq ft 5) 551 sq ft and above= existing carpet area</p> <p style="text-align: center;">Or,</p> <p>The cash in lieu of house will be Rs.5,50,000/-</p> <p>f) Right to salvage affected materials.</p> <p>Note: Stamp duty and registration charges will be born in case of new houses or sites Or, Compensation as per Govt of Maharashtra's GR No: Misc.-03/2015/C.N.34/A-2 (May 12, 2015, and September 30, 2015). In the absence of mutual agreement between Owner and tenant the collector will decide the apportionment.</p>	District Collector, PWD dept., and Maha Metro
2c	Loss of land and residential structure partially but continues to remain in the balance portion of the same premises.	Same as 2a for acquired land area only. However, structure value for complete structure may be taken in total if remaining structure will be left in not accessible condition.	Maha Metro

Sr. No.	Categories	Entitlements	Responsible Agency
2d	Loss of land and residential structure partially and willing to surrender the same completely to Project Authority.	As per section 94 of RFCTLARR Act 2013 if the owner desires that the whole of such house, manufactory or building shall be so acquired. The owner should request the authorities concerned in writing. Compensation is same as 2a.	Maha Metro
2e	Loss of land and residential structure. Owner not residing at the premises.	<p>Owner:</p> <p>a) Land will be acquired on payment of compensation as per RFCTLARR Act 2013.</p> <p>b) In lieu of Loss of rental income (livelihood) suitable compensation will be determined and given.</p> <p>Tenant will get below compensation:</p> <p>c) One-time subsistence allowance of Rs.36,000/- per affected family who require to relocate due to project. SC/ST ( if displaced from schedule area) will get Rs. 50,000 in addition to the above.</p> <p>d) One-time Resettlement Allowance of Rs.50,000/- for affected family.</p> <p>e) One-time financial assistance of Rs. 50000/ per affected family as transportation cost for shifting of the family, building materials, belongings and cattle.</p> <p>f) Right to salvage affected materials.</p> <p>g) The tenant is entitled to a 50 sq mtr house on the outskirts of the city or in the vicinity of their area on lease basis only.</p> <p>Alternately the tenant will be encouraged to buy the premises by paying the difference in cost, on mutually agreed basis with Maha Metro.</p> <p>Following criteria will be used for determining the size of house.</p> <p>1) 50 sq ft-100 sq ft = 150 sq ft  2) 101 sq ft-200 sq ft = 300 sq ft  3) 201 sq ft-400 sq ft = 450 sq ft  4) 401 sq ft-550 sq ft= 550 sq ft  5) 551 sq ft and above= existing carpet area</p> <p>It must be noted that the tenant will be entitled only for the area for which they have the lease.</p> <p>Or,  The cash in lieu of house will be Rs.5,50,000/-</p>	Maha Metro

Sr. No.	Categories	Entitlements	Responsible Agency
		<p>Note: Stamp duty and registration charges will be born in case of new houses or sites</p> <p>Or, Compensation as per Govt of Maharashtra's GR No: Misc.-03/2015/C.N.34/A-2 (May 12, 2015, and September 30, 2015).</p> <p>In the absence of mutual agreement between Owner and tenant the collector will decide the apportionment.</p>	
3a	Loss of land and commercial structure for owner only.	<p>a) Land will be acquired on payment of compensation as per RFCTLARR Act 2013.</p> <p>Or, An alternate build up commercial structure of area 10% above the existing area will be provided in the vicinity.</p> <p>b) Transportation- One-time financial assistance of Rs. 50000/ per affected family as transportation cost for shifting of the family, building materials, belongings and cattle.</p> <p>c) Right to salvage affected materials.</p> <p>Or, Compensation as per Govt of Maharashtra's GR No: Misc.-03/2015/C.N.34/A-2 (May 12, 2015, and September 30, 2015).</p>	Maha Metro
3b	Loss of partial land and commercial structure but continues to run business in the same premises.	Same as 3a for land area to be acquired only.	Maha Metro
3c	Loss of partial land and commercial structure but owner willing to surrender complete property.	As per section 94 of RFCTLARR Act 2013 if the owner desires that the whole of such house, manufactory or building shall be so acquired. The owner should request the authorities concerned in writing. Compensation is same as 3a for the entire property.	Maha Metro
3d	Loss of land and commercial structure owner not on premises. Tenants on property.	<p>Owner:</p> <p>a) Land will be acquired on payment of compensation as per RFCTLARR Act 2013.</p> <p>b) If the Loss of rental income (livelihood) suitable compensation will determine.</p> <p>Tenant:</p> <p>c) An alternate built up commercial structure of area 10% above the existing area. This commercial</p>	Maha Metro

Sr. No.	Categories	Entitlements	Responsible Agency
		<p>structure will be on Tenancy basis only.</p> <p>Or, Alternately the tenant will be encouraged to buy the premises by paying the difference in cost, on mutually agreed basis with Maha Metro.</p> <p>d) One-time financial assistance of Rs. 50000/ per affected family as transportation cost for shifting of the family, building materials, belongings and cattle.</p> <p>e) Right to salvage affected materials.</p> <p>Note: Stamp duty and registration charges will be born in case of new houses or sites</p> <p>Or, Compensation as per Govt of Maharashtra's GR No: Misc.-03/2015/C.N.34/A-2 (May 12, 2015, and September 30, 2015).</p> <p>In the absence of mutual agreement between Owner and tenant the collector will decide the apportionment.</p>	
3f	Loss of land and commercial structure for owner and tenant.	<p>The following compensation package will be offered:</p> <p>Owner:</p> <p>a) Land will be acquired on payment of compensation as per RFCTLARR Act 2013.</p> <p>Or, An alternate build up commercial structure of area 10% above the existing area will be provided in the vicinity.</p> <p>b) Transportation- One-time financial assistance of Rs. 50000/ per affected family as transportation cost for shifting of the family, building materials, belongings and cattle.</p> <p>Tenant:</p> <p>c) An alternative builds up commercial structure of area 10% above the existing area. This commercial structure will be on Tenancy basis only.</p> <p>Or, Alternately the tenant will be encouraged to buy the premises by paying the difference in cost, on mutually agreed basis with Maha Metro.</p> <p>d) Transportation- One-time financial assistance of Rs. 50000/ per affected family as transportation cost for shifting of the family, building materials, belongings and cattle.</p> <p>e) Right to salvage affected materials.</p> <p>Note: Stamp duty and registration charges will be born</p>	Maha Metro

Sr. No.	Categories	Entitlements	Responsible Agency
		<p>in case of new houses or sites</p> <p>Or, Compensation as per Govt of Maharashtra's GR No: Misc.-03/2015/C.N.34/A-2 (May 12, 2015, and September 30, 2015).</p> <p>In the absence of mutual agreement between Owner and tenant the collector will decide the apportionment.</p>	
4	Loss of land and residential cum commercial structure for owner only	<p>Land will be acquired as per RFCTLARR Act and commercial unit in accordance with 2a and 3a guidelines will be considered with mutual agreement.</p> <p>Or, Compensation as per Govt of Maharashtra's GR No: Misc.-03/2015/C.N.34/A-2 (May 12, 2015, and September 30, 2015).</p>	Maha Metro
5	Tenant – Residential cum Commercial	a) Compensation package will be worked out on above guidelines (Sr. 3a to 3f whichever applicable) with mutual discussion.	Maha Metro
6a	Squatters-Residential	<p>a) One-time Resettlement Allowance of Rs.50,000/- for affected family.</p> <p>b) One time subsistence allowance of Rs. 36000/- SC/ST ( if displaced from schedule area) will get Rs. 50,000 in addition to the above.</p> <p>c) Transportation- One-time financial assistance of Rs. 50000/ per affected family as transportation cost for shifting of the family, building materials, belongings and cattle.</p> <p>d) DPs losing residential units shall be offered SRA (Slum Rehabilitation Authority) housing unit of (25 or 30 sq meter) with the formation of cooperative societies.</p> <p>e) Right to salvage the affected materials.</p>	Maha Metro
6b	Squatters-Commercial	a) Replacement cost of lost structure (as per MUTP-R&R Policy, 2000 issued by GoM GR dated 12 May 2023)	Maha Metro
7	Loss of trees and crops	<p>a. Advance notice to harvest crops, fruits, and timbers.</p> <p>b. Compensation for standing crops in case of such loss, based on an annual crop cycle at market value.</p> <p>c. Compensation for trees based on timber value at market price, and compensation for perennial crops and fruit trees at annual net product market value multiplied by remaining productive years; to</p>	Maha Metro

Sr. No.	Categories	Entitlements	Responsible Agency
		be determined in consultation with the Forest Department for timber trees and the Horticulture Department for other trees/crops.	
7.	Vulnerable Household	-One adult member of the vulnerable HH will be provided skill upgradation training for employability. Vulnerability allowance of INR 50000/ to each vulnerable affected HH	Maha Metro
8.	Owners of Kiosks	<p>3The NMRP will relocate the Kiosks to a nearby feasible location in proper coordination with local govt. authority.</p> <p>In case of self-relocation opted by the kiosk owner, one-time shifting allowance of Rs. 5000/ will be provided to the kiosk owner.</p> <p>For temporary loss of income, one time assistance of INR 5000/* will be provided to each kiosk owner.</p> <p>Eligible displaced persons will be given preference for employment by contractors in project construction work.</p>	Maha Metro
9.	Common Property resources	<p>CPRs will be relocated / resettled in consultation with the community / local bodies.</p> <p>Civic infrastructure and community services with basic amenities would be provided in consultation with the affected community and the District/Urban/Rural administration.</p>	Maha Metro
10.	Any other impact not identified	Any unforeseen impact would be mitigated as per the RFCTLARR Act 2013 or as per MUTP – R&R Policy, 2000 directed GoM GR dated 12 May 2023.	Maha Metro

<sup>3</sup> The kiosks have temporary structures and located within the corridor of impact.

\*INR 500/ average daily income of kiosk owner for 10 days

## **VII. RELOCATION AND INCOME RESTORATION**

### **A. Provisions for Relocation**

94. The project census survey shows that there is no DH physically displaced due to the NMRP Phase II project. Hence there is no HH require relocation. The census survey shows that temporary structures of kiosks owned by NTH HHs are affected under the project. These kiosks need relocation to a feasible nearby location. There are 3 CPRs affected under the project. The implementing agency will have adequate provisions for lost structures of affected CPRs, provision of shifting allowance and assistance for relocation of affected kiosks.

### **B. Need for Relocation**

95. This is a linear project and even though efforts are made to minimize the resettlement impact, the Phase II project will affect temporary structures of kiosk owners and CPRs within the corridor of impact. This will result in physical displacement of Kiosks and structures of CPR and therefore need for relocation is envisaged. There will be no physical displacement due to loss of shelter and there will be no physical displacement of commercial structures due to the project.

96. A total of 47 kiosks owned by 47 NTH HHs will be affected by the project. The affected kiosks are small shops which includes tea stall, pan shop, small eateries, cobbler shop, automobile repair shop etc.

97. The NMRP Phase II project will affect 3 CPRs. One of the CPR is a weekly market at Dongargaon, held on every Friday. The land of weekly market belongs to Maruti Devasthan Trust and they have provided this land to Gram Panchayat on mutual understanding for market purpose. The Gram panchayat has developed 16 platforms for weekly market purposes, out of which about 8 platforms are going to be affected due to NMRP Phase II project.

### **C. Relocation Strategy for NTH**

98. The Phase II project will affect the kiosks owned by 47 NTH HHs. The temporary structure of kiosks of these NTHs will be relocated to the nearby feasible place. The implementing agency will make their best efforts to relocate these kiosks to the nearby location so that there will be minimum inconvenience to the kiosk owners. The implementing agency with the help of local government authority will relocate the kiosks of willing owners (NTH). The affected kiosk owners will be given advance information about the relocation. The relocation of these kiosks will be done on the day when their shop remains closed. The kiosk owners who opted for self-relocation, the implementing agency will provide shifting allowance for the relocation.

### **D. Relocation Strategy for CPR**

99. There are 3 affected CPRs, out of which two are public toilets. These toilets shall be rebuilt in consultation with local government authority. One affected CPR is a weekly market at Dongargaon and 8 platforms of the weekly market will be relocated. During the public consultation at Dongargaon Gram panchayat the traders of the weekly market demanded relocation of the affected platforms near the existing market. The implementing agency will develop an equal number of platforms very close to the existing weekly market at the land provided by Gram panchayat. The NMRP will develop all basic amenities like approach road, electricity, water connection and sanitation facilities at the relocation site.

#### **E. Loss of Livelihoods in Phase II project**

100. The project census reveals that 51 TH HHs will be affected due to loss of private land. However, the loss of private land does not undermine the livelihood of TH HHs. The current land use of affected lands is barren. The barren lands are idle or not income generating. The affected landowners have purchased these lands for investment purpose, and they live in the city or nearby vicinity. Hence, there will be no loss of livelihood. For loss of Private land, the provisions of compensation at replacement cost has been made in the Entitlement Matrix. A total of 47 NTH HHs will be affected due to relocation of kiosks. The kiosk owners run small shops such as tea stall, pan shop, small eateries, cobbler shop, automobile repair shop etc. The livelihood of these small kiosk holders will not be affected as they will continue to engage with the same income generating activity in the place of relocation. The implementing agency through the urban local body will help in shifting of the kiosks. In case of self-relocation opted by kiosk owners, the implementing agency will provide shifting allowance, which will cover transportation expenses. However, the kiosk holders will experience temporary loss of income during the relocation to the new place. To mitigate the temporary loss of income of kiosk owners the implementing agency has kept adequate provision in the entitlement matrix.

#### **F. Provisions for temporary loss of income of NTH**

101. For temporary loss income of the kiosk owners, the implementing agency will provide one-time assistance of INR 5000/- to each kiosk owner. In addition to this, adequate provision has been kept in the Entitlement Matrix to strengthen the livelihood of vulnerable HHs. Vulnerability allowance of INR 50,000 will be provided to each vulnerable household.

## VIII. RESETTLEMENT BUDGET AND FINANCING PLAN

### A. Introduction

102. The resettlement cost estimated for the Phase II project includes land compensation, resettlement and relocation assistance and support cost for resettlement plan implementation. The support cost which includes staffing, monitoring and reporting, and other administrative expenses are part of the overall project cost. The cost of land acquisition of private and government land and relocation assistance of NTHs has been derived through consultation with DPs, relevant officials of revenue and land department and other local authorities and reference from old practices. Contingency provisions have been made to consider variation from this estimate. Some of the major items for this resettlement budget is listed below.

- (i) Compensation for land (private and government)
- (ii) Compensation for trees.
- (iii) in lieu of temporary loss of income of kiosk owners
- (iv) Shifting allowance to kiosk owners.
- (v) Assistance to vulnerable HHs for livelihood strengthening.
- (vi) Cost for implementation of resettlement plan.

### B. Resettlement & Rehabilitation Budget

103. The project is proposed to acquire private land through direct purchase method. The compensation for acquisition of private land reflects compensation amount under the direct purchase method which will be 250% of market value. The R&R budget for the proposed Phase – II project is given in **Table 29**.

**Table 29: R & R Budget**

SrNo	Items	Unit	Rate	Amount in Rs/-	Remark
<b>A Compensation of Land</b>					
1	Private Land	5.57 Ha	Varied	120,00,00,000/	
2	Government Land	3.7 Ha	Varied	22,00,00,000/	
	<b>Subtotal A</b>			<b>142,00,00,000/</b>	
<b>B Compensation for Commercial &amp; Residential Structure</b>					
	<b>Items</b>	<b>Nos</b>	<b>Rate</b>	<b>Amount</b>	
1	Permanent Structure	Nil	--	----	No permanent structure
2	Semi-Permanent Structure	Nil	--	----	No semi-permanent structure
3	Temporary Structure	Nil	---	----	No temporary structure of TH on their land. The 47 NTH are street vendors with no legal title.
4	CPR	03		77,000,00/-	Out of 3 CPR, 1 CPR will be rebuilt by IA

SrNo	Items	Unit	Rate	Amount in Rs/-	Remark
	<b>Subtotal B</b>			<b>77,000,00/-</b>	
	<b>Relocation Assistance</b>				
C	Items	Number	Rate	Amount	
1	One-time Shifting allowance of Rs. 5000/ to kiosk owners in case of self-relocation	47	5000	2,35,000/-	Maha Metro through Urban local body will assist shifting of kiosks and all the logistics will be provided by Maha Metro
2	One-time assistance of Rs. 5000/ to each kiosk owner	47	5000/*	2,35,000/-	
3	Subsistence allowance to DHs losing livelihood	Nil	4500/-	Nil	No DH losing livelihood.
4	Assistance to vulnerable DHs	29	50000/	14,50,000/-	
5	Compensation for private trees on Private land (including cutting & valuation)  Timber trees-66 Non-timber trees-6 Fruit trees-2	74	Timber tree-13500/- Non-timber tree-Rs. 7000/- Fruit Trees-Rs. 25,500/-	9,84,000/-	Cutting-As per PWD schedule of rates year 2021-22  Valuation-Rates of standing trees-Forest Dept & Hort. Dept. of NMC
	<b>Subtotal C</b>			<b>29,04,000/-</b>	---
	<b>RP implementation support</b>				
D	Items	Number	Rate	Amount	
1	Cost of R&R implementation	---	--	---	Not required as IA will do the R&R implementation .
2	GRM cost	Lumpsum	---	5,00,000/-	This cost includes the public consultation expenses.
			<b>Subtotal D</b>	<b>5,00,000/</b>	
			<b>Grant Total (A+B+C+D)</b>	<b>143,11,04,000/</b>	
				<b>-</b>	
			<b>Contingency (10%)</b>	<b>14,31,10,400/-</b>	
			<b>GRAND TOTAL</b>	<b>157,42,14,400/</b>	

SrNo	Items	Unit	Rate	Amount in Rs/-	Remark
				- <b>(157.42 crore)</b>	

\* As per the project census survey, the average daily earning of kiosk owners is around Rs. 500/. One-time assistance of Rs. 5000/ to each kiosk owner will compensate the loss of average daily earning for 10 days.

### C. Source of Funding and Fund Flow Management

104. The cost related to resettlement will be borne by the implementing agency, Maha Metro. The implementing agency will ensure allocation of funds and availability of resources for smooth functioning of R&R activities in Phase II project.

## **IX. GRIEVANCE REDRESS MECHANISM**

### **A. Introduction**

105. The Grievance Redressal Mechanism (GRM) is an arrangement for receiving, documenting, and resolving grievances and complaints of DPs pertaining to social and environmental issues of the Phase II project. It is a time-bound transparent mechanism to resolve any concern of DPs. The implementing agency will constitute the project specific GRM intended to address the DPs complaints. The Grievance Redressal Committee (GRC) will be constituted at two levels by Maha Metro to address the grievances.

### **B. Constitution of Grievance Redress Committee (GRC)**

106. To receive and facilitate the resolution of the DPs concerns and complaints in a transparent manner, the NMRP shall constitute a two-tier GRC with representatives from the implementing agency, community, and DPs. for Phase II project. The grievance will be received by the following ways:

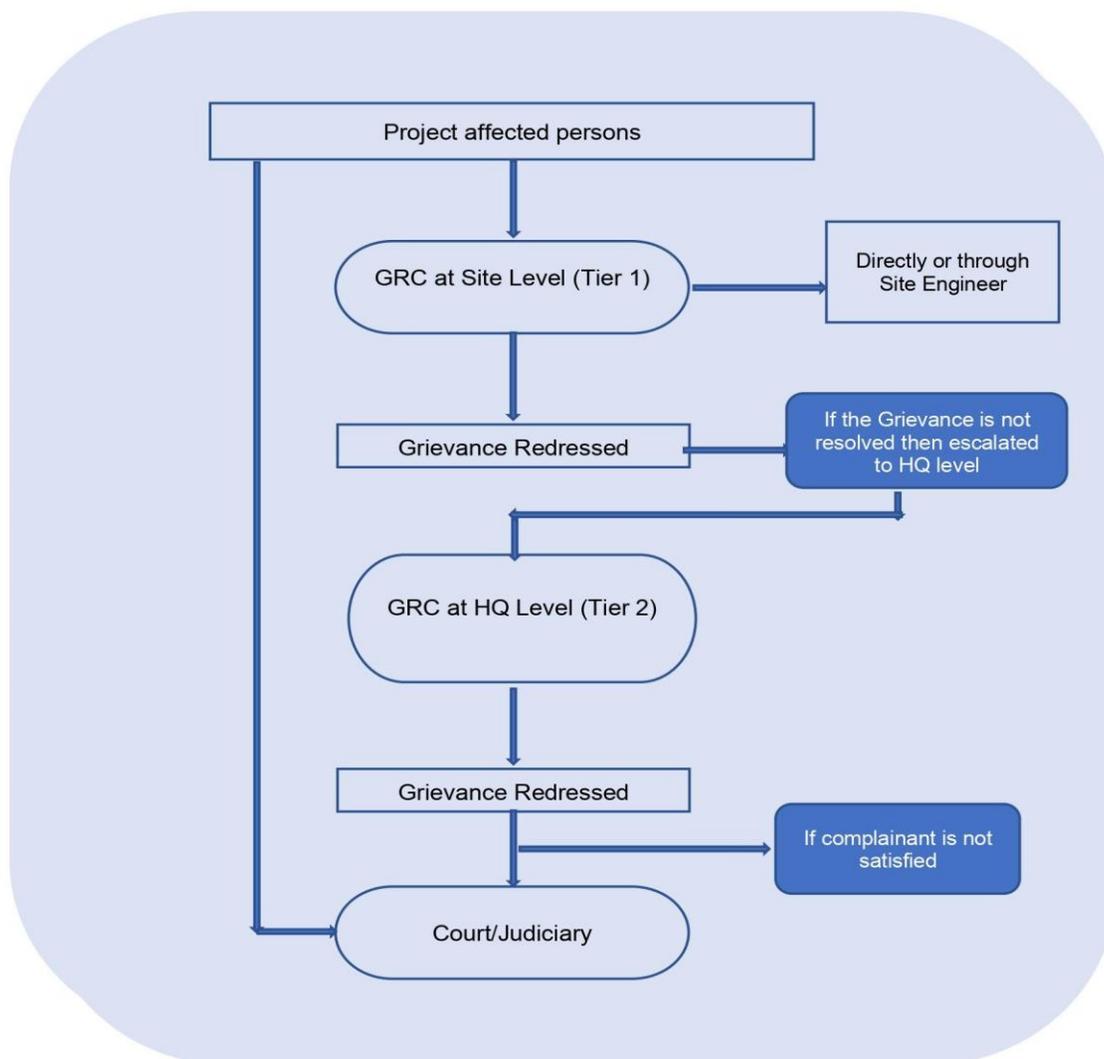
- (i) Letter to GRC or by email.
- (ii) Through telephone.
- (iii) Grievance communicated to field staff or Maha Metro/GC/Contractor.

107. The field/site staff will record the grievances of the DPs in a grievance register, which will be communicated to the GRC. The phone numbers and communication addresses of GRC members shall be displayed at prominent locations along the construction sites. The GRC will be at site level (Tier 1) and HQ level (Tier 2). The GRC at site level (Tier-1) will be comprised of Site Engineer, Deputy Chief Project Manager, Chief Project Manager, and representative from DP. At the HQ level (Tier-2) the GRC will be comprised of Executive Director, Deputy General Manager (LA), Deputy General Manager (R&R), Social Expert of General Consultant and representative from DP. The GRC working mechanism shall be as follows:

108. Grievances of DPs will be first brought to the attention of field level staff (Site Engineer). Then Site Engineer will forward the received grievance to Deputy Chief Project Manager and Chief Project Manager (CPM) for consideration and redressal. The CPM (Tier 1) to the extent possible will address the complaint. The Grievance addressed (Tier 1) at site level, the copy of the compliance will be sent to the head office for record. If the Grievance is not redressed at Tier -1, then the Grievance will be forwarded to Tier -2 level at Maha Metro head office. The Maha Metro will maintain grievance registers both at site offices and at the head office. The GRC will address social and resettlement issues, and environmental issues of the DPs. The decision of GRC will be documented and communicated to the concerned person in a transparent manner. The complainants are free to approach the court of law at any time of their own will at any stage and accessing the country's legal system is not dependent on the outcome of the GRM.

109. Then any grievance is brought to the field level staff (Site Engineers), it should be resolved within two weeks from the date of complaint. The time taken to redress the grievance will be two weeks at Tier 2 level (HQ). Maha Metro will maintain a log of grievances documented at respective site and HQ level. A flow chart of grievances redressal is indicated in Fig.1 Grievance Redressal Mechanism.

**Fig. 1: Grievance Redressal Mechanism**



110. People may also submit complaints to ADB's Accountability Mechanism. The Accountability Mechanism provides an independent forum and process whereby people adversely affected by ADB-assisted projects can voice, and seek a resolution of their problems, as well as report alleged violations of ADB's operational policies and procedures. Before submitting a complaint to the Accountability Mechanism, affected people should make a good faith effort to solve their problems by working with the concerned ADB operations department. Only after doing that, and if they are still dissatisfied, should they approach the Accountability Mechanism.

111. The information regarding the project GRM will be disclosed to the public through the public consultation process. In addition, awareness about the GRC and the process of registering a complaint will be disseminated through display boards at the site office. The records of all complaints, including the status of redressal of complaints, will be compiled in the semi-annual social monitoring report.

## X. INSTITUTIONAL ARRANGEMENT

### A. Institutional Requirement

112. The implementation of RP requires involvement of various institutions at various levels and stages of project cycle. This section deals with roles and responsibilities of various institutions for a successful implementation of the RP. The institutions to be involved in the process are as follows:

- i) Maharashtra Metro Rail Corporation Limited– HQ level
  - General Manager (Design)/AGM LA& R&R
  - Deputy General Manager (Land)
  - Deputy General Manager (R&R)
  - Assistant Manager (Land) and R&R
- ii) Contractor
- iii) General Consultant

### B. Implementation Arrangement

113. **Project Implementation Unit (PIU) at HQ level.** Maharashtra Metro Rail Corporation Limited( Maha Metro), the implementing agency, is responsible for the technical aspects and overall execution of the Phase II project. The Executive Director will have the overall responsibility to supervise the project.

114. **General Manager (Design)/AGM LA& R&R.** At this level, the competent officer at the rank of Deputy Project Manager will be responsible to manage the project level resettlement activities with land acquisition officer. The Institutional setup for implementation of RP is given in below **Fig.2**.

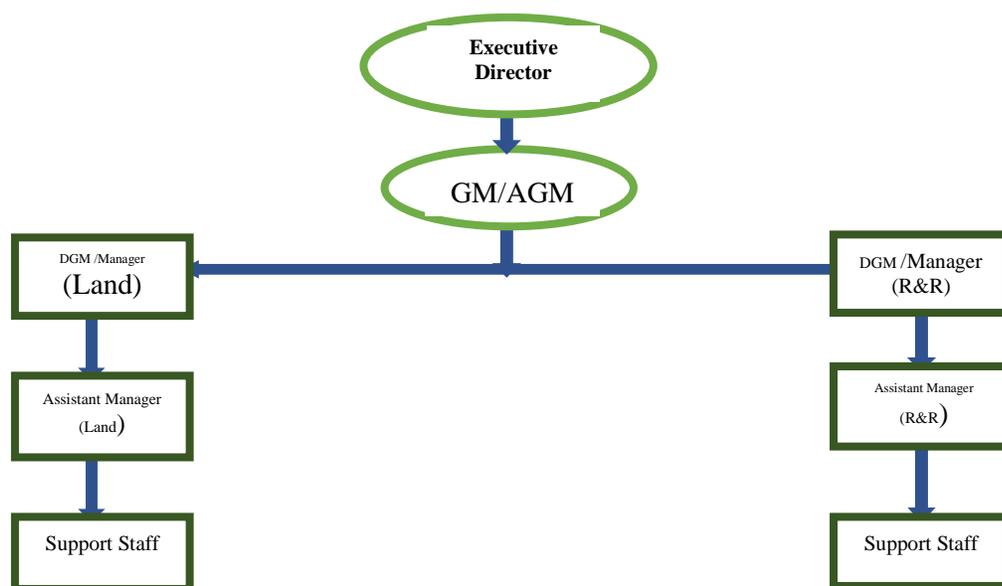
115. The role and responsibilities of implementing agency and General Consultants for implementation of resettlement activities are summarized in **Table 30**

**Table 30: Responsibility for Resettlement Plan Implementation**

S.No	Institutions	Responsibility
1.	Executive Director/CPMs, Maha Metro	Overall responsibility for implementing LA and relocation of NTH as per RP. Review on progress of activities on RP implementation. Resolve any implementation issues that may need intervention. Ensure that the project comply with the provisions of ADB, state and Gol's policies and regulations
2.	General Manager (Design)/AGM / DGM, (LA& R&R), Maha Metro	Oversee and coordinate with R&R and LA Teams on regular basis. Develop RP implementation plans with the teams. Ensure establishment of Grievance Redress Committee Resolve issues related to R&R implementation.
3	Deputy General Manager (Land and R&R), Maha Metro	Oversee and ensure land acquisition for the project. Ensure timely disbursement of compensation amounts. Oversee and ensure implementation of R&R. Ensure timely disbursement of R&R assistance.

		<p>Ensure developing relocation sites and relocating CPRs as required.</p> <p>Ensure that public consultations are held with the DPs during the RP implementation.</p> <p>Ensure preparation of semi-annual safeguards monitoring reports.</p>
4	Assistant Manager (Land and R&R), Maha Metro	Supports the GM, DGM and ensures land acquisition for the project. Supports the GM, DGM and implementation of R&R.
5	Contractor	<p>Commence construction only when alignment is free of encumbrance.</p> <p>Ensure safety of labor and other staff working at site location.</p> <p>Maintain a grievance register to record grievances of DPs at each site.</p> <p>Provide required data and information to PIU for development of semi-annual safeguards monitoring reports.</p>
6	General Consultant / Maha Metro	<p>Coordinate with DPs and Implementing Agency (Maha Metro) for relocation of NTH.</p> <p>Maintain records of land acquisition status, grievances and other R&amp;R data.</p> <p>Preparation of semi-annual Social Safeguard Monitoring Report.</p> <p>Undertake Public Consultation with DPs periodically.</p> <p>Disclosure of resettlement documents.</p>

**Fig. 2: Institutional Setup for Resettlement Plan Implementation**



**C. Capacity Building of Implementing Agency for RP implementation.**

116. For effective implementation of the RP, a capacity building program needs to be implemented to strengthen the capacity of implementing agency (Maha Metro). After the project become effective, the implementing agency will carry out a capacity need assessment of the PIU staff and General Consultant. All concerned staff at PIU, GC and government staff involved in land acquisition and resettlement activities will undergo orientation and training in ADB resettlement policy and safeguards implementation. The ADB will assist the PIU to organize training workshops and provide training to the PIU and other staff. Broadly, the training will cover various topics such as (i) Principles and procedures of land acquisition; (ii) Public consultation and participation; (iii) Functioning of Grievance redress mechanism; and (iv) Monitoring and reporting mechanism. These trainings will be carried out by the ADB consultant.

## **XI. IMPLEMENTATION SCHEDULE**

### **A. Introduction**

117. The implementation schedule of the resettlement plan mainly consists of a timeline for compensation to be paid to DHs and R&R activities. The implementation of the resettlement plan will be scheduled as per the overall project implementation. All activities related to the land acquisition and resettlement must be planned to ensure that compensation is paid prior to displacement and commencement of civil works. The implementing agency will ensure that no physical or economic displacement of DHs will occur until: (i) compensation at full replacement cost has been paid to each DHs for project components or sections that are ready to be constructed; (ii) other entitlements listed in the resettlement plan are provided to the DHs; and (iii) a comprehensive income and livelihood restoration program, supported by adequate budget, is in place to help DHs, improve, or at least restore, their incomes and livelihoods. Public consultation, monitoring and grievance redress will be undertaken throughout the project duration. The schedule is subject to modification depending on the progress of the project activities. The civil work in a section will commence only after all compensation and relocation has been completed and rehabilitation measures are in place. However, the section that does not require land acquisition and Resettlement can be taken up for construction.

### **B. Schedule for Project Implementation**

118. The proposed project R&R activities are divided into three broad categories based on the stages of work and process of implementation. The details of activities involved in these three phases- Project Preparation phase, RP Implementation phase, Monitoring and Reporting are discussed in the following paragraphs.

### **C. Project Preparation Phase**

119. The major activities to be performed in this phase include preparation and submission of RP for ADB approval; establishment of GRM etc. The public consultation will be a process initiated from this stage and will go on till the end of the project.

### **D. Implementation Phase**

120. In implementation of RP which includes issues like verification and award of compensation by implementing agency/revenue department; payment of all eligible assistance; relocation of DPs; initiation of economic rehabilitation measures; site preparation for delivering the site to contractors for construction and finally starting the civil work.

### **E. Monitoring and Reporting**

121. The internal monitoring will be the responsibility of the Project Implementation Unit of Maha Metro and will start when the implementation of the resettlement plan starts and will continue till the completion of the project. The General Consultant will provide the necessary support for monitoring RP implementation.

### **F. Resettlement Implementation Schedule**

122. An implementation schedule for R&R activities in Phase II project, including various sub-

tasks and timelines matching with the civil work schedule, is prepared and presented in **Table 31**. However, the sequence may change, or delays may occur due to circumstances beyond the control of the project. Accordingly, the time can be adjusted for the implementation of the plan. Table 30 presents the R&R implementation schedule.

Table 31: R&amp;R Implementation Schedule

Sl. No.	Activity	2023				2024				2025				2026				2027			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>Project Preparation</b>																					
1	Conduct census survey		■																		
2	Preparation of LAP/resettlement plans		■	■																	
3	ADB and Maha Metro approval of RP		■	■																	
4	Procurement of civil works		■	■	■	■	■														
<b>Land Acquisition</b>																					
5	Payment of Compensation				■	■	■	■	■	■	■										
6	Relocate shops, businesses				■	■	■	■	■	■	■										
7	Clear the RoW				■	■	■	■	■	■	■										
<b>Income Restoration</b>																					
8	Income Restoration				■	■	■	■	■	■	■										
9	Restoration of Community Resources				■	■	■	■	■	■	■										
<b>Construction</b>																					
10	Issue notice for start of civil works			■	■	■	■	■													
11	Civil works			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
<b>Ongoing Activities</b>																					
12	Grievance Redressal			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
13	Consultations with DPs			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
14	Internal Monitoring			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

## XII. MONITORING AND REPORTING

### A. Need for Monitoring and Reporting

123. Monitoring and reporting is important activities in the RP implementation. The monitoring involves periodic assessment to ascertain whether R&R activities are progressing as per the schedule. Monitoring is the crucial mechanism for measuring project performance and fulfilment of the resettlement objectives.

### B. Monitoring in Phase II project

124. The RP implementation of Phase II project will be closely monitored by the implementing agency with support from GC staff. One of the main roles of Maha Metro will be to see proper and timely implementation of all activities of RP. Maha Metro with support from GC staff will collect information from the project site and compile it in the form of monthly report to assess the progress and results of RP implementation and adjust work plan where necessary, in case of delays or any implementation problems. This monitoring will form part of regular activity and reporting on this will be extremely important to undertake mid-way corrective steps. The monitoring by Maha Metro will include:

- (i) Administrative monitoring: daily planning, implementation, DH database maintenance, and preparation of progress reports.
- (ii) Socio-economic monitoring: progress of the R&R activities will be monitored on a regular basis by GC and Maha Metro staff.
- (iii) Impact monitoring: Income standards restored/improved, and socio-economic conditions of the displaced persons.
- (iv) Third party monitoring of negotiated settlements
- (v) Semi-annual Social Monitoring reports documenting progress on RP implementation and compliance status of approved RP will be provided by the Maha Metro for review and approval from ADB.

### C. Monitoring Indicators

125. The important components/indicators to be monitored are of three kinds:

- (i) Physical indicators including change in quantum of land required for execution of project activities, , number of TH, NTH and CPR affected by the project etc.
- (ii) Financial indicators including the disbursement of compensation to DHs.
- (iii) Impact indicators related to the longer-term effect of the project on people's lives.
- (iv) Grievances/complaint received and addressed.

**Table 32: Indicators for monitoring the Resettlement Plan implementation.**

Indicators	Parameter
Physical	Number of TH
	Number of NTH
	Number of vulnerable HHs
	Number of DHs eligible for compensation/assistance
	Number of DPs eligible for shifting allowance
Financial	Amount of compensation paid to TH
	Amount of assistance paid to NTH for loss of temporary income
Social	DPs awareness about their entitlement

<b>Indicators</b>	<b>Parameter</b>
	Number of Grievances/complaints recorded by site level GRM register
	Number of Public Consultation including number of participants
Grievance	Number of GRC meetings held
	Number of Grievances disposed by GRC to the satisfaction of DPs
	Number of Grievance received and addressed by GRC.
Process	Relocation of NTH as per schedule
	Land Acquisition and compensation
	Grievance Redressal process
Impact	Ensure better relocation/facilities
	Improvement in socio-economic status of vulnerable HHs
	DPs benefiting from the project

#### D. Reporting Requirement

126. The Maha Metro, responsible for supervision and implementation of the resettlement plan, will prepare monthly progress reports on resettlement activities with support from GC staff. .

127. The preparation of semi-annual Social Safeguard Monitoring Report will be done by GC staff which will determine whether resettlement goals have been achieved. The Maha Metro through the PIU will submit semi-annual social monitoring reports to ADB for approval.

**Annexure 1A**  
**List of project affected title holders (TH)**

Sl. No.	Name of the Village/Town	Station location /viaduct	Side	Distance from Center line in meter	Chain age	Khasra / Survey No. (Land)	Name of the Landowner	Age (In Yr)	Religion	Social Category	Type of Land	Ownership Status	Affected Area of the Plot (in Sq. Mtr)	Intensity of Impact	Vulnerable group other than SC/ST	Literacy Level	Annual Income (in Rs.)
<b>Corridor 1A- Khapari to MIDC ESR (Mihan Butibori Corridor)</b>																	
1	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	59/2	Ishwar Nathu Dhage	60	Hindu	OBC	Barren	Private	1310	Non-Significant	MPCE	Secondary	60000
2	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	59/1	Vaman Dhage	49	Hindu	OBC	Barren	Private	249	Non-Significant		Graduate	600000
3	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	92	Hemraj Ganpati Hinge	87	Hindu	OBC	Barren	Private	2520	Non-Significant		Primary	144000
4	Gavasi Manapur	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	7	Hariram Namji Warade	67	Hindu	OBC	Barren	Private	100	Non-Significant		Graduate	540000
5	Gavasi Manapur	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	5/2 and 5/3	Paras Devraj Gundecha (Vevej Hotel & Estate Pvt.ltd)	35	Jain	General	Barren	Private	2268	Non-Significant		Graduate	1200000
6	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91 PART (Plot No. 21)	Pawan Kumar Laxman Patil	36	Hindu	General	Barren	Private	135	Non-Significant		Technical	1200000
7	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91 PART (Plot No. 22)	Manish Girdhardas Kothari	42	Hindu	General	Barren	Private	135	Non-Significant		Technical	600000
8	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91 (Plot No. 29)	Sachin Lamsonge	57	Jain	SC	Barren	Private	135	Non-Significant		Technical	300000
9	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91 (Plot No. 30)	Sachin Lamsonge	57	Jain	SC	Barren	Private	135	Non-Significant		Technical	300000
10	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91 (Plot No. 59)	Sushma Vijay Wankhede	61	Hindu	SC	Barren	Private	135	Non-Significant		Graduate	600000

Sl. No.	Name of the Village/Town	Station location /viaduct	Side	Distance from Center line in meter	Chain age	Khasra / Survey No. (Land)	Name of the Landowner	Age (In Yr)	Religion	Social Category	Type of Land	Ownership Status	Affected Area of the Plot (in Sq. Mtr)	Intensity of Impact	Vulnerable group other than SC/ST	Literacy Level	Annual Income (in Rs.)
11	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91 PART (Plot No. 43)	Deepak Bapurao Pendam	55	Hindu	ST	Barren	Private	135	Non-Significant		Graduate	960000
12	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91 PART (Plot No. 44)	Ashish Krishna Rao Godghate	43	Hindu	SC	Barren	Private	135	Non-Significant		Graduate	588000
13	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91 PART (Plot No. 45)	Amit Anantrao Adhulkar	36	Hindu	OBC	Barren	Private	135	Non-Significant		Technical	480000
14	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91 (Plot No. 59)	Pankuri Laxman Wanjari	60	Hindu	OBC	Barren	Private	150	Non-Significant		Graduate	600000
15	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91 PART (Plot No. 61)	Sandhya Prabhakar Carple	61	Hindu	OBC	Barren	Private	158	Non-Significant	WHH	Graduate	480000
16	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91 PART (Plot No. 62)	Sukhant Namderao Ninave	42	Hindu	OBC	Barren	Private	141	Non-Significant		Technical	3600000
17	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91	Shri. Anil R. Jambhulkar- Not available during census				Barren	Private	85	Non-Significant			
18	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91	Shri. Atul Pazare –Not available during census				Barren	Private	85	Non-Significant			
19	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	91	Shri. Pradip Jadhav –Not available during census				Barren	Private	2162	Non-Significant			
20	Jamtha	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	93	Shri. Dilip Motiram Hinge –Not available during census				Barren	Private	200	Non-Significant			
21	Gavasi Manapur	Metro City to Ashokvan for Viaduct	C	7.5	21500 to 22900	30	Shri. Shyam Sambhar – Not available during census				Barren	Private	168	Non-Significant			
22	Jamtha	Ashokvan	R	19.6	24000	143	Dilip Mase	43	Hindu	General	Barren	Private	500	Non-Significant		Graduate	2400000

Sl. No.	Name of the Village/Town	Station location /viaduct	Side	Distance from Center line in meter	Chain age	Khasra / Survey No. (Land)	Name of the Landowner	Age (In Yr)	Religion	Social Category	Type of Land	Ownership Status	Affected Area of the Plot (in Sq. Mtr)	Intensity of Impact	Vulnerable group other than SC/ST	Literacy Level	Annual Income (in Rs.)
23	Jamtha	Ashokvan	R	22.7	24000	111	Gurpreet Singh and Gurjeet Singh	40	Sikh	General	Barren	Private	500	Non-Significant		Secondary	1800000
24	Jamtha	Ashokvan	L	22.5	24000	114/1, 3f	Prabhakar Bitthalrao Warhade	57	Hindu	OBC	Barren	Private	708	Non-Significant		Technical	540000
25	Jamtha	Dongargaon	R	22.5	26800	5 (PLOT NO 8 & 9)	Madhuri Amritrao Deotale	61	Hindu	OBC	Barren	Private	500	Non-Significant	WHH	Graduate	120000
26	Mohagaon	Mohagaon	R	22.5	30010	5/2/B	Smt Sandhya Asthankar- Not available during census				Barren	Private	500	Non-Significant			
<b>Corridor-2A- Automotive Square to Kanhan River (Kamptee Corridor)</b>																	
27	Wanjara	Pili Nadi	R	18.6	-1425	KH NO. 39, CTS NO 80/2, SHEET NO 25-484	Vikas Garg	49	Hindu	General	Barren	Private	707.5	Non-Significant		Graduate	1200000
28	Wanjara	Pili Nadi	R	19.2	-1425	KH NO. 44, CTS NO 107, SHEET NO 25-484	Shabir Wali	58	Muslim	General	Barren	Private	511	Non-Significant		Graduate	2400000
29	Wanjara	Khasara Fata	L	20.5	-2250	KH NO. 66, CTS NO 99, SHEET NO 14-492	Ulash Laxman Rao Ghate	74	Hindu	General	Barren	Private	708	Non-Significant		Secondary	540000
30	Wanjara	Khasara Fata	R	21.01	-2250	68/2, CTS-256	Shri Uday Singh Shreya- Not available during census		Hindu	General	Barren	Private	500	Non-Significant			
31	Bhilgaon	All India Radio	L	19.1	-3350	KH NO 181 /1 & 2	Dr. Roshan Dhore (Narayana Vidyalyaya)	48	Hindu	General	Barren	Private	220	Non-Significant		Technical	6000000
32	Bhilgaon	All India Radio	L	15	-3350	KH NO 180/2	Zozer Mufaddal Amin	41	Muslim	OBC	Barren	Private	94	Non-Significant		Technical	10200000

Sl. No.	Name of the Village/Town	Station location /viaduct	Side	Distance from Center line in meter	Chain age	Khasra / Survey No. (Land)	Name of the Landowner	Age (In Yr)	Religion	Social Category	Type of Land	Ownership Status	Affected Area of the Plot (in Sq. Mtr)	Intensity of Impact	Vulnerable group other than SC/ST	Literacy Level	Annual Income (in Rs.)
33	Khairi	Khairi Fata	L	17.04	-5250	KH NO: 14/3	Paras Pramod Agrawal	32	Hindu	General	Barren	Private	708	Non-Significant		Illiterate	2400000
34	Khairi	Khairi Fata	R	17.05	-5250	KH No. 36	Savita Keshar	64	Hindu	General	Barren	Private	500	Non-Significant	WHH	Graduate	960000
35	Yerkheda	Lok Vihar	L	21.45	-6250	KH NO 66/4	Mufaddal Amin	41	Muslim	OBC	Barren	Private	164	Non-Significant		Technical	10200000
36	Yerkheda	Lok Vihar	R	15.02	-6250	KH NO 46,47/1/2 /2/1/2/3/2 0 TO 27	Sanjay Ganpatrao Patil (M/s. Maitraiya Developers)	54	Hindu	General	Barren	Private	653	Non-Significant		Graduate	6000000
37	Yerkheda	Lekha Nagar	L	15.02	-7275	KH NO 100/1, GLR NO. 46 CLASS-B2	Mansing Fulchand Choudhary	42	Hindu	OBC	Barren	Private	500	Non-Significant		Graduate	384000
<b>Corridor-3A- Lokmanya Nagar to Hingna (Hingna Corridor)</b>																	
38	Nildoha	Hingna Mount View	L	18.02	18750	27	Vishal Kale	46	Hindu	OBC	Barren	Private	304	Non-Significant		Graduate	600000
39	Wanadongri	Rajiv Nagar	R	12.08	19925	205	M/s Abhijeet Power-Not available during census		Hindu	General	Barren	Private	708	Non-Significant			
40	Wanadongri	Wanadongri	R	28.652	20975	341	Naman Balmukund Agrawal	34	Hindu	General	Barren	Private	679	Non-Significant		Technical	840000
41	Wanadongri	Wanadongri	L	14.475	20975	285/2B	Dada Rao Bandre	44	Hindu	OBC	Barren	Private	546	Non-Significant		Graduate	6000000
42	Wanadongri	Wanadongri	R	17.49	20975	341/2	Shri Arun Patil -Not available during census		Hindu	General	Barren	Private	120	Non-Significant			
43	Wanadongri	APMC	R	16.03	21750	334/2	Pawan Kumar Bang	34	Hindu	General	Barren	Private	279	Non-Significant		Technical	300000
44	Wanadongri	APMC	R	16.02	21750	334/2	Gani Abdul Shaikh	58	Muslim	OBC	Barren	Private	279	Non-Significant	PwD	Graduate	600000

Sl. No.	Name of the Village/Town	Station location /viaduct	Side	Distance from Center line in meter	Chain age	Khasra / Survey No. (Land)	Name of the Landowner	Age (In Yr)	Religion	Social Category	Type of Land	Ownership Status	Affected Area of the Plot (in Sq. Mtr)	Intensity of Impact	Vulnerable group other than SC/ST	Literacy Level	Annual Income (in Rs.)
45	Wana dongri	APMC	L	16.03	21750	288/6	Nakul Balmukund Agrawal	30	Hindu	General	Barren	Private	743	Non-Significant		Technical	840000
46	Wana dongri	APMC	R	16.04	21750	334/2	Shri Yadavrao Yerpude – Not available during census		Hindu	General	Barren	Private	279	Non-Significant			
47	Hingna	Hingna	L	14.65	24525	113	Arun Dhole - Vinkar / Dhangar Society	74	Hindu	OBC	Barren	Private	573	Non-Significant		Graduate	900000
48	Hingna	Hingna	R	15.1	24525	114/8	Shesh Rao Sita Ram Budhe	81	Hindu	OBC	Barren	Private	398	Non-Significant		Graduate	720000
<b>Corridor-4A- Prajapati Nagar to Transport Nagar (Kapsi Corridor)</b>																	
49	Bhandewadi	Pardi	L	22.04	-1400	CTS NO 222	Prateek Gupta [Construction & Developers (Housing Scheme Business)]	35	Hindu	General	Barren	Private	777	Non-Significant		Graduate	5040000
50	Bhandewadi	Pardi	R	18.07	-1400	CTS NO 289	Tarun Kacha (Kacha & Sons Firm)	49	Hindu	General	Barren	Private	278	Non-Significant		Technical	504000
51	Kapsi Khurd	Kapsi Khurd	L	15	-3250	53/3	Jagrup Singh Kalse (Shri Gurunanak Engineering)	45	Sikh	General	Barren	Private	900	Non-Significant		Graduate	600000

## Annexure 1B: List of project affected non-title holders (NTH)

Sl. No.	Name of the Village	Location	Proposed Station	Side	Distance from Centre Line in meter	Name of head of the House hold	Occupation	Use of structure / Property	Ownership of Status	Type of Structure	Intensity of Impact	Family Type	Religion	Social Category	Vulnerable group other than SC/ST	Literacy Level	Annual Income
1	Kinhi	Butibori, Nagpur	Mhada Colony	LHS	16.5	Raju Shivan kar	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC	BPL	Secondary	120000
2	Kinhi	Satgaon, Butibori, Nagpur	Mhada Colony	LHS	17.4	Dinesh Rodle	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC		Secondary	240000
3	Kinhi	Butibori, Ward No. 3, Nagpur	Mhada Colony	LHS	17	Pradeep Nanaji Raut	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	ST		Secondary	144000
4	Kinhi	Butibori, Nagpur	Mhada Colony	LHS	15	Avinash Balbudhe	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC		Secondary	120000
5	Kinhi	Butibori Dream Five Colony, Bal Bharti, Nagpur	Mhada Colony	LHS	15.6	Prafool Thakur	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	SC		Secondary	180000
6	Kinhi	Mhada Colony, Nagpur	Mhada Colony	LHS	16.5	Pandu Sadas hiv Pandurang	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC		Secondary	600000
7	Kinhi	Satgaon, Butibori, Nagpur	Mhada Colony	RHS	19.5	Md. Firoz	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Muslim	OBC		Secondary	180000
8	Kinhi	Butibori, Ward No. 3, Nagpur	Mhada Colony	RHS	20.5	Ravi Ramteke	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	SC		Graduate	180000
9	Kinhi	Butibori, Nagpur	Mhada Colony	RHS	21.5	Kishor Bitthal	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC		Primary	144000
10	Kinhi	Satgaon, Butibori, Nagpur	Mhada Colony	RHS	22.6	Nilkant h Choudhary	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	OBC	BPL	Secondary	360000

Sl. No	Name of the Village	Location	Proposed Station	Side	Distance from Centre Line in meter	Name of head of the House hold	Occupation	Use of structure / Property	Ownership of Status	Type of Structure	Intensity of Impact	Family Type	Religion	Social Category	Vulnerable group other than SC/ST	Literacy Level	Annual Income
11	Kinhi	Butibori, Ward No. 2, Nagpur	Mhada Colony	RHS	16.5	R. Mohd. Tahir	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Muslim	OBC		Graduate	144000
12	Kinhi	Satgaon, Ward No. 5, Nagpur	Mhada Colony	RHS	22	Gaurav	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	SC		Graduate	180000
13	Kinhi	188 Virsawarkar Nagar, Butibori, Nagpur	Mhada Colony	RHS	21.5	Krisna Soni	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC		Graduate	180000
14	Bhilgaon	Bhilgaon, Nagpur	All India Radio	LHS	21.5	Mirja Shadab Baig	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Muslim	OBC		Secondary	240000
15	Yerkheda	Bharat Town, Nagpur	Lok Vihar	LHS	21	Rakesh Sharma	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	General		Secondary	108000
16	Kamptee	Hazi Nagar, Near Masjid, Yedkheda, Sunrise Lawn (Opposite), Nagpur	Kamptee Police Station	LHS	16.5	Deen Ali	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Muslim	OBC		Secondary	180000
17	Kamptee	Hazi Nagar, Near Masjid, Yedkheda, Sunrise Lawn (Opposite), Nagpur	Kamptee Police Station	LHS	16.5	Anwar Ali	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Muslim	OBC		Graduate	180000
18	Kamptee	Kamptee, Ganj Ke Balaji Temple,	Kamptee Police Station	RHS	23.5	Raju Mangal Prasad Gupta	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	OBC		Secondary	144000

Sl. No	Name of the Village	Location	Proposed Station	Side	Distance from Centre Line in meter	Name of head of the House hold	Occupation	Use of structure / Property	Ownership of Status	Type of Structure	Intensity of Impact	Family Type	Religion	Social Category	Vulnerable group other than SC/ST	Literacy Level	Annual Income
		Near Axis Bank, Nagpur															
19	Kamptee	B.B. Colony, Yerkheda, Near Dr. Maksud, Nagpur	Kamptee Police Station	RHS	22.5	Mohd. Sadik Mumtaj Ahmed	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Muslim	OBC		Secondary	144000
20	Kamptee	Kamptee Police Station, Nagpur	Kamptee Police Station	RHS	23	Dharmendra Raman and Tiwari	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	General	PwD	Graduate	96000
21	Kamptee	Hazi Building near Lakadganj, Nagpur	Kamptee Police Station	RHS	18.5	Fuzail Ahmad Ansari	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Muslim	OBC		Primary	144000
22	Nildoha	Gajanan Nagar, Hingna Road, Nagpur	Hingna Mount View	RHS	16.5	Chandrabhan Bhuraj Sonekar	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	SC		Primary	300000
23	Nildoha	Gajanan Nagar, Hingna Road, Nagpur	Hingna Mount View	RHS	18	Ridhi Bhola Prasad	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	General		Illiterate	216000
24	Nildoha	Gajanan Nagar, Hingna Road, Nagpur	Hingna Mount View	RHS	15	Sunita Chandana Swami	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	General	WHH	Primary	240000
25	Nildoha	Gajanan Nagar, Hingna Road, Nagpur	Hingna Mount View	RHS	16.4	Ashish Ramesh Tandekar	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	SC		Graduate	216000

Sl. No	Name of the Village	Location	Proposed Station	Side	Distance from Centre Line in meter	Name of head of the House hold	Occupation	Use of structure / Property	Ownership of Status	Type of Structure	Intensity of Impact	Family Type	Religion	Social Category	Vulnerable group other than SC/ST	Literacy Level	Annual Income
26	Nildoha	Mhada Colony, Electric Chouk, Ward No. 72, Nagpur	Hingna Mount View	RHS	15.8	O. P. Singh	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	General		Graduate	180000
27	Wanadongri	Sai Colony, Sangam Road, Nagpur	Wanadongri	RHS	19.5	Moreshwar Bhoir	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC		Secondary	120000
28	Wanadongri	Wanadongri, Hingna Road, Nagpur	Wanadongri	RHS	15	Mirabai Vamanrao Asole	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	OBC	WHH	Illiterate	312000
29	Wanadongri	Hanuman Mandir, Ward No. 9, Wanadongri, Hingna Road, Nagpur	Wanadongri	RHS	16.8	Kapil Anil Thakare	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC		Secondary	216000
30	Wanadongri	Wanadongri, Hingna Road, Nagpur	Wanadongri	RHS	19.8	Ram Kumar Kushwah	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC		Secondary	144000
31	Hingna	Mahajan Wadi, Hingna, Nagpur	Hingna Bus Station	LHS	20	Nitin Ganesh Bharti	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	General		Secondary	360000
32	Hingna	Hingna Kasba, Ward No. 4, Nagpur	Hingna Bus Station	LHS	22.7	Manish Nathu Choudhary	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	OBC		Secondary	360000
33	Hingna	Bhole Baba Nagar, Dhankadpur, Hingna, Ward No. 15, Nagpur	Hingna Bus Station	LHS	15.7	Nitesh Dharmopal Ghatode	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	SC		Secondary	144000

Sl. No	Name of the Village	Location	Proposed Station	Side	Distance from Centre Line in meter	Name of head of the House hold	Occupation	Use of structure / Property	Ownership of Status	Type of Structure	Intensity of Impact	Family Type	Religion	Social Category	Vulnerable group other than SC/ST	Literacy Level	Annual Income
34	Hingna	Hingna Kasba, Ward No. 7, Nagpur	Hingna Bus Station	LHS	16.8	Sheshrao Sadas Shiv Bansore	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	OBC		Primary	180000
35	Hingna	Hingna Kasba, Ward No. 7, Nagpur	Hingna Bus Station	LHS	15.8	Prabhakar Sakharam Dorke	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	ST		Primary	144000
36	Hingna	Hingna Kasba, Ward No. 4, Nagpur	Hingna Bus Station	LHS	16.8	Sudhir Motiram Bhakare	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC		Secondary	180000
37	Hingna	Shivaji Nagar, Ward No. 9, Nagpur	Hingna Bus Station	LHS	15	Vinod Devrao Vaidya	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC		Primary	84000
38	Hingna	Hingna Dhankadpur, Ward No. 2, Nagpur	Hingna Bus Station	LHS	16.8	Dilip Bithrao Khedkar	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC		Secondary	96000
39	Hingna	Hingna (Bhosle Badi) Ward No. 8, Nagpur	Hingna Bus Station	LHS	18.75	Narendra Hiramani Rakhunde	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	OBC		Primary	216000
40	Hingna	Hingna Kasba, Ward No. 5, Nagpur	Hingna Bus Station	LHS	16.5	Ranjana Nilkanth Nalnaware	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	ST		Secondary	120000
41	Hingna	Bhosle Wade Ward No. 9, Nagpur	Hingna Bus Station	LHS	18.5	Baban Laxmanrao Chavhan	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	General		Primary	240000

Sl. No	Name of the Village	Location	Proposed Station	Side	Distance from Centre Line in meter	Name of head of the House hold	Occupation	Use of structure / Property	Ownership of Status	Type of Structure	Intensity of Impact	Family Type	Religion	Social Category	Vulnerable group other than SC/ST	Literacy Level	Annual Income
42	Hingna	Hingna Kasba, Ward No. 5, Near Ganesh Mandir, Nagpur	Hingna Bus Station	LHS	16.9	Niranjan Udav Jadhav	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	General		Secondary	600000
43	Hingna	Ward No. 1, Hingna, Nagpur	Hingna	LHS	15	Suresh Pundikram Lonara	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC	MPCE	Graduate	24000
44	Bhandewadi	Pardi, Nagpur	Pardi	RHS	16.5	Ganga Bai Chauhan	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	SC		Primary	192000
45	Bhandewadi	Pardi, Nagpur	Pardi	RHS	15.5	Alka Vilash Dhande	Small Business	Kiosk	NTH	Temporary	Non-Significant	Joint	Hindu	OBC	WHH	Graduate	156000
46	Bhandewadi	Pardi, Nagpur	Pardi	RHS	18	Dileshwar Fulbande	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC		Secondary	180000
47	Bhandewadi	Pardi, Nagpur	Pardi	RHS	18.5	Tanmay Panchabude	Small Business	Kiosk	NTH	Temporary	Non-Significant	Nuclear	Hindu	OBC		Secondary	96000

## CENSUS AND SOCIO-ECONOMIC SURVEY QUESTIONNAIRE

 <b>Maharashtra Metro Rail Corporation Limited</b> (महाराष्ट्र मेट्रो रेल कॉर्पोरेशन लिमिटेड) <b>Nagpur Metro Rail Corporation Limited</b> (नागपूर मेट्रो रेल कॉर्पोरेशन लिमिटेड) Metro Bhawan, Nagpur – 440010 (मेट्रो भवन, नागपूर - 440010)			
<b>Census and Socio Economic Survey Questionnaire</b> (जनगणना आणि सामाजिक आर्थिक सर्वेक्षण प्रश्नावली)			
Corridor No. [कोरिडॉर क्रमांक]	Nearest Station [स्टेशन जवळचे]	Side (Left/Right) [बाजू (डावी/उजवी)]	Date [तारीख]
<b>1-0 General Identification [सामान्य ओळख]</b>			
1-1	Name of Affected Person [बाधित व्यक्तीचे नाव]	:	
1-2	Address [पत्ता]	:	Village [गाव] : Ward [प्रभाग] : Block [तालुका] : District [जिल्हा] : State [राज्य] :
1-3	Name of Head Family Member [कुटुंब प्रमुखाचे नाव]	:	
1-4	Respondent's Name [प्रतिसादकर्त्याचे नाव]	:	
1-5	Contact Number [संपर्क क्रमांक]	:	
1-6	Type of Property [मालमतेचा प्रकार]	:	1. Title Holder [शीर्षक धारक] 2. Government [सरकार] 3. Community [समुदाय] 4. Others [इतर] .....
1-7	Ownership of Property [मालमतेची मालकी]	:	1. Title Holder [शीर्षक धारक] 2. Non Title Holder [नसलेले शीर्षक धारक]
1-8	If Non Title Holder [नसलेले शीर्षक धारक असल्यास]	:	1. Encroacher [अतिक्रमण करणारा] 2. Squatter [स्क्वाटर] 3. Tenant [भाडेकरू]
1-9	Uses of Land [जमिनीचा उपयोग]	:	1. Agriculture [शेती] 2. Residential [निवासी] 3. Commercial [व्यावसायिक] 4. Residential cum Commercial [निवासी आणि व्यावसायिक] 5. Garden [बाग] 6. Vacant/no use [रिक्त/उपयोग नाही] 7. Others [इतर] .....
1-10	Type of Land [जमिनीचा प्रकार]	:	1. Irrigated [सिंचन केले] 2. Unirrigated [सिंचन नसलेले] 3. Others [इतर] .....
1-11	How long have you been living in the land/house? [तुम्ही जमिनीत/घरात किती दिवस राहत आहात?]	:	

2-0 Household Details [घरगुती तपशील]							
2-1	Religion [धर्म]	:	1. Hindu [हिंदू]                      2. Muslim [मुसलमान]      3. Sikh [शीख] 4. Christian [ख्रिश्चन]              5. Others [इतर] .....				
2-2	Caste [जात]	:	1. SC [अनुसूचित जाती]              2. ST [अनुसूचित जमाती] 3. OBC [इतर मागासवर्गीय]          4. General [सामान्य] 5. Others [इतर] .....				
2-3	Economic status of the family [कुटुंबाची आर्थिक स्थिती]	:	1. BPL [दारिद्र्यरेषेखालील]          2. APL [दारिद्र्यरेषेच्या वर] 3. Antodya [अंत्योदय]              4. Annapurna [अन्नपूर्णा] 5. Nothing [काहीही नाही]				
2-4	Vulnerability Status [असुरक्षितता स्थिती]	:	1. BPL [दारिद्र्यरेषेखालील]          2. WHH [स्त्रिया घरच्या प्रमुख होत्या] 3. Differently [दिव्यांग]              4. Widow [विधवा] 5. Others [इतर] .....				
2-5	Type of Family [कुटुंबाचा प्रकार]	:	1. Nuclear [अणु]                      2. Joint [संयुक्त]      3. Extended [विस्तारित] 4. Sibling [भावंड]                      5. Live in [मध्ये राहतात]				
2-6	No. of Persons in HH [घरातील व्यक्तींची संख्या]	:	Above 18 Years [18 वर्षांपेक्षा जास्त]	Male [पुरुष]	Female [स्त्री]		
			Below 18 Years [18 वर्षांखालील]	Male [पुरुष]	Female [स्त्री]		
2-7	The main source of the family income [कौटुंबिक उत्पन्नाचा मुख्य स्रोत]	:					
2-8	Total monthly income of the family [कुटुंबाचे एकूण मासिक उत्पन्न]	:					
2-9	Total monthly Expenses of the family [कुटुंबाचा एकूण मासिक खर्च]	:					
Details of family members [कुटुंबातील सदस्यांचा तपशील]							
Sl. No. [क्रमांक]	Name of Family Member [कुटुंबातील सदस्याचे नाव]	Relationship [नाते]	Age [वय]	Sex [लिंग]	Marital Status [वैवाहिक स्थिती]	Education [शिक्षण]	Occupation [व्यवसाय]
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

**Codes (संहिता)**

Relationship [नाते]							
Head of Household [घरातील प्रमुख]	1	Wife [बायको]	2	Husband [नवरा]	3	Son [मुलगा]	4
Daughter [कन्या]	5	Son-in law [जावई]	6	Daughter in Law [सून]	7	Grand father [आजोबा]	8
Grand Mother [आजी]	9	Grand son [नात]	10	Grand Daughter [नात]	11	Grands son in Law [नातू जावई]	12
Grand Daughter in law [पणती]	13	Brother [भाऊ]	14	Sister [बहीण]	15	Brother in Law [मेव्हणा]	16
Sister In Law [वहिनी]	17	Father [वडील]	18	Mother [आई]	19	Father in Law [सासरे]	20
Mother in Law [सासू]	21	Uncle [काका]	22	Aunt [मावशी]	23	Cousin [चुनत भाऊ]	24
Nephew [भाचा]	25	Niece [भाची]	26	Any Other [इतर कोणतेही]			
Sex [लिंग]							
Male [पुरुष]	1	Female [स्त्री]	2	Transgender [ट्रान्सजेंडर]	3		
Marital Status [वैवाहिक स्थिती]							
Married [विवाहित]	1	Unmarried [अविवाहित]	2	Divorced [घटस्फोटित]	3	Widow/Widower [विधवा/विधुर]	4
Education [शिक्षण]							
Illiterate [निरक्षर]	1	Primary [प्राथमिक] (5)	2	Secondary [माध्यमिक] (6-10)	3	Higher (Graduates) [उच्च पदवी]	4
Technical [तांत्रिक]	5	Vocational [व्यावसायिक]	6				
Occupation [व्यवसाय]							
Service [सेवा]	1	Business [धंदा]	2	Agriculture [शेती]	3	Labour [मजूर]	4
Unemployed [बेरोजगार]	5	Housewife [गृहिणी]	6	Student [विद्यार्थी]	7	Professional [व्यावसायिक]	8

2-10	Have you availed any benefit under Central or State Govt. Scheme [तुम्ही केंद्र किंवा राज्य सरकारच्या योजनेअंतर्गत काही लाभ घेतला आहे का?]			Yes / No होय / नाही]	
	<b>Scheme [योजना]</b>	<b>Purpose [उद्देश]</b>	<b>Remarks [टिप्पण्या]</b>		
2-11	Please indicate your borrowings during last one year [कृपया गेल्या एका वर्षातील तुमच्या कर्जाचा उल्लेख करा]				
	<b>Source [स्त्रोत]</b>	<b>Amount taken (in Rs.) [काढलेली रक्कम (रु. मध्ये)]</b>	<b>Purpose of Loan [कर्जाचा उद्देश]</b>	<b>Amount returned (in Rs.) [परत केलेली रक्कम (रु. मध्ये)]</b>	<b>Balance [पैशाची बाकी]</b>
	Bank [बँक]				
	Private money lender [खाजगी सावकार]				
	Others (specify) [इतर (निर्दिष्ट करा)]				
	.....				

2-12	Income and Expenditure (Yearly) [उत्पन्न आणि खर्च (वार्षिक)]						
Income [उत्पन्न]			Expenditure [खर्च]				
Source [स्रोत]	In Rupees [रु. मध्ये]	Items [वस्तू]	In Rupees [रु. मध्ये]	Items [वस्तू]	In Rupees [रु. मध्ये]		
Agriculture [शेती]		Food [अन्न]		Electricity / Utilities [वीज/उपयुक्तता]			
Commercial [व्यावसायिक]		Cooking Fuel [स्वयंपाक इंधन]		Water [पाणी]			
Service (Pvt./Govt.) [सेवा (खाजगी/सरकारी)]		Clothing [कपडे]		Social Events [सामाजिक कार्यक्रम]			
Livestock [पशुधन]		Transport [वाहतूक]		Agriculture (labour/tools) [शेती (मजूर/साधने)]			
Remittance (Money order etc.) [पैसे पाठवणे (मनी ऑर्डर इत्यादि)]		Healthcare Medicines [आरोग्यसेवा औषधे]		Seeds/fertilizers /pesticides [बियाणे/खते/कीटकनाशके]			
Other Specify [इतर निर्दिष्ट करा]		Education [शिक्षण]		Other Specify [इतर निर्दिष्ट करा]			
.....				.....			
2-13	Livestock Details [पशुधन तपशील]						
Type [प्रकार]	Cow [गाय]	Bufallo [म्हैस]	OX [बैल]	Goat [शेळी]	Pig [डुक्कर]	Poultry [पोल्ट्री]	Others [इतर]
Numbers [संख्या]							
2-14	Assets available with affected family [बाधित कुटुंबाकडे उपलब्ध मालमता]						
S.No [क्रमांक]	Productive Assets [उत्पादक मालमता]	Yes-1 No-2 [होय-1/नाही-2]	S.No [क्रमांक]	Other Assets [इतर मालमता]	Yes-1 No-2 [होय-1/नाही-2]		
1	Vehicle (four wheelers) [चारचाकी वाहन]		1	Refrigerator [रेफ्रिजरेटर]			
2	Vehicle (two wheelers) [दुचाकी वाहन]		2	Washing Machine [वॉशिंग मशीन]			
3	Tractor [ट्रॅक्टर]		3	Ceiling Fan [छताचा पंखा]			
4	Truck [ट्रक]		4	Television [दूरदर्शन]			
5	Machine if any [मशीन असल्यास]		5	Computer [संगणक]			
6	Others (specify) [इतर (निर्दिष्ट करा)]		6	Cell phone [सेल फोन]			

3-0		Asset Details [मालमत्ता तपशील]			
3-1	Measurement of the Land (In mts.) [जमिनीचे मोजमाप (मीटर मध्ये)]	:		Total [एकूण]	Affected [प्रभावीत]
			Length [लांबी]		
			Width [रूंदी]		
			Area [क्षेत्रफळ]		
3-2	Measurement of the Structures (In mts.) [संरचनेचे मोजमाप (मीटर मध्ये)]	:		Total [एकूण]	Affected [प्रभावीत]
			Length [लांबी]		
			Width [रूंदी]		
			Area [क्षेत्रफळ]		
3-3	Type of Construction [बांधकामाचा प्रकार]	:	Roof [छत]		
			Wall [भित]		
			Floor [फरशी]		
			Boundary [सीमा भित]		
3-4	Typology of Construction [बांधकामाचे टायपोलॉजी]	:	1. Permanent [स्थायी] 2. Semi Permanent [अर्ध-स्थायी] 3. Temporary [तात्पुरता]		
3-5	Number of Rooms [खोल्यांची संख्या]	:			
Typology of the structure [संरचनेचे टायपोलॉजी]					
Roof [छत]		Wall [भित]		Floor [फरशी]	
RCC/ RBC [आर.सी.सी./आर.बी.सी.]	1	Brick [वीट]	1	Concrete [काँक्रीट]	1
Thatched [थेंच]	2	Wood [लाकूड]	2	Mud [चिखन]	2
Mud [चिखन]	3	Mud [चिखन]	3	Stone [दगड]	3
GI/Asbestos [जीआय/एस्बेस्टोस]	4	Asbestos [एस्बेस्टोस]	4	Wood [लाकूड]	4
Bamboo [बांबू]	5	Plastic [प्लास्टिक]	5	Others (Specify) [इतर (निर्दिष्ट करा)]	5
Others (Specify) [इतर (निर्दिष्ट करा)]	6	Others (Specify) [इतर (निर्दिष्ट करा)]	6	Others (Specify) [इतर (निर्दिष्ट करा)]	6
3-6	Estimated cost of structure (in INR) [संरचनेची अंदाजे किंमत (रु. मध्ये)]	:			
3-7	In case of Commercial use, details of Business [व्यावसायिक वापराच्या बाबतीत, व्यवसायाचा तपशील]	:			
3-8	Ownership [मालकी]	:	Yes [होय]	1	No [नाही]
3-9	If No, How many partners ? [नसल्यास, किती भागीदार आहेत?]	:			
3-10	How many people have you employed [तुम्ही किती लोकांना रोजगार दिला आहे]	:	Male [पुरुष]		Female [स्त्री]
4-0		For land owners only [फक्त जमीन मालकांसाठी]			
4-1	Khasra / Survey No. [खसरा/सर्वे नं.]	:			
4-2	Khata / Plot No. [खाता/प्लॉट नं.]	:			
4-3	Total Area of Land [जमिनीचे एकूण क्षेत्रफळ]	:			

4-4	Affected Area [प्रभावित क्षेत्र]	:						
4-5	Land Rate [जमिनीचा दर]	:	Market Rate [बाजार दर] :					
			Circle Rate [मंडळ दर] :					
4-6	What should be the total loss amount (in INR) [एकूण नुकसानीची रक्कम किती असावी (रु. मध्ये)]	:						
4-7	Compensation Received [भरपाई मिळाली]	:	Yes [होय]	1	No [नाही]	2		
<b>5-0</b>	<b>Rehabilitation Options [पुनर्वसन पर्याय]</b>							
5-1	Ready for Change [बदलासाठी सज्ज]	:	1. Self Decision [स्वतःचा निर्णय] 2. Rehabilitation Required [पुनर्वसन आवश्यक]					
5-2	Compensation options for Land or Structures [जमीन किंवा संरचनांसाठी भरपाई पर्याय]	:	1. Equivalent / Better productive land for land and construction allowance for any structure [जमिनीसाठी समतुल्य/उत्तम उत्पादक जमीन आणि कोणत्याही संरचनांसाठी बांधकाम भत्ता] 2. Cash compensation at replacement value [बदली मूल्यावर रोख भरपाई] 3. Rehabilitation Grant [पुनर्वसन अनुदान] 4. Other [इतर] Specify [निर्दिष्ट करा] .....					
5-3	Compensation options for Commercial Structures [व्यावसायिक संरचनांसाठी भरपाई पर्याय]	:	1. Cash compensation at replacement value [बदली मूल्यावर रोख भरपाई] 2. Shifting and rental allowance [स्थलांतरण आणि भाडे भत्ता] 3. Training for income restoration [उत्पन्न पुनर्संचयित करण्यासाठी प्रशिक्षण] 4. Other [इतर] (Specify) [निर्दिष्ट करा] .....					
<b>6-0</b>	<b>Project Related Information [प्रकल्प संबंधित माहिती]</b>							
6-1	Are you aware of the proposed project [तुम्हाला प्रस्तावित प्रकल्पाची माहिती आहे का]	:	Yes [होय]	1	No [नाही]	2		
6-2	If yes, what is the source [जर होय, तर स्रोत काय आहे]	:	TV [दूरदर्शन]	1	Newspaper [वृत्तपत्र]	2	Radio [रेडिओ]	3
			Community Members [समुदाय सदस्य]	4	Govt. Officials [सरकारी अधिकारी]	5	Other [इतर] (Specify) [निर्दिष्ट करा]	6
6-3	What is the impacts envisaged from this project [या प्रकल्पाचे काय परिणाम अपेक्षित आहेत]							
<b>Positive Impacts perceived</b> [सकारात्मक परिणाम जाणवले]			<b>Other Perceived Impacts</b> [इतर समजलेले प्रभाव]					
Increase in employment opportunities due to better access facilities [चांगल्या सुविधांमुळे रोजगाराच्या संधींमध्ये वाढ]			1	Loss of productive land for agriculture and own land for dwelling units [शेतीसाठी उत्पादक जमीन आणि निवासस्थानासाठी]		1		

			स्वतःची जमीन गमावणे]			
Increase in movement in terms of facilities [सुविधांच्या बाबतीत हालचाल वाढेल]	2	Pressure on existing infrastructure [विद्यमान पायाभूत सुविधांवर दबाव]		2		
Increase in economic and business opportunities [आर्थिक और व्यावसायिक संधीमध्ये वाढ]	3	More influx of outside population and loss if privacy [बाहेरील लोकसंख्येचा अधिक ओघ आणि गोपनीयता असल्यास नुकसान]		3		
Increase in land price [जमीनीच्या किमतीत वाढ]	4	Conflict with outsiders [बाहेरील लोकांशी मतभेद]		4		
Improvement in the real estate sector [रिअल इस्टेट क्षेत्रात सुधारणा]	5	Increase in density around the metro [मेट्रोभोवती घनता वाढली]		5		
Better reach/access to larger town for health [आरोग्यासाठी मोठ्या शहरात चांगली पोहोच/प्रवेश]	6	Spread of HIV/AIDs due to increase in unsafe sexual [असुरक्षित लैंगिक संबंधात वाढ झाल्यामुळे एच.आय.व्ही./एड्सचा प्रसार]		6		
Higher income from rental due to this infrastructure development [या पायाभूत सुविधांच्या विकासामुळे भाड्याने मिळणारे अधिक उत्पन्न]	7	Increase rentals for tenants for both residential / commercial properties [निवासी/व्यावसायिक दोन्ही मालमतांसाठी भाडेकरूंचे भाडे वाढवा]		7		
Other [इतर] (Specify) [निर्दिष्ट करा] .....	8	Other [इतर] (Specify) [निर्दिष्ट करा] .....		8		
<b>7-0 Gender Status [लिंग स्थिती]</b>						
7-1	Does the women have titled to land or houses ? [महिलांना जमीन किंवा घरे यांचे नाव आहे का?]	Yes [होय]	1	No [नाही]	2	
7-2	Do your women members have any say to decision making of household matters ? [तुमच्या महिला सदस्यांना घरातील निर्णय घेण्याबाबत काही म्हणायचे आहे का?]	Yes [होय]	1	No [नाही]	2	
	If yes, give the following details [होय असल्यास, खालील तपशील द्या]	Financial Matter [आर्थिक बाब]			Yes [होय]	No [नाही]
		Education of Child [मुलाचे शिक्षण]				
		Health care of child [मुलाची आरोग्य काळजी]				
		Purchase of assets [मालमतेची खरेदी]				
		Social functions [सामाजिक कार्ये]				
		Day to day activities [दैनंदिन क्रियाकलाप]				
		Others [इतर]				

(Signature of Supervisor)

[पर्यवेक्षकाची स्वाक्षरी]

Date [तारीख]: .....

(Signature of investigator)

[अन्वेषकाची स्वाक्षरी]

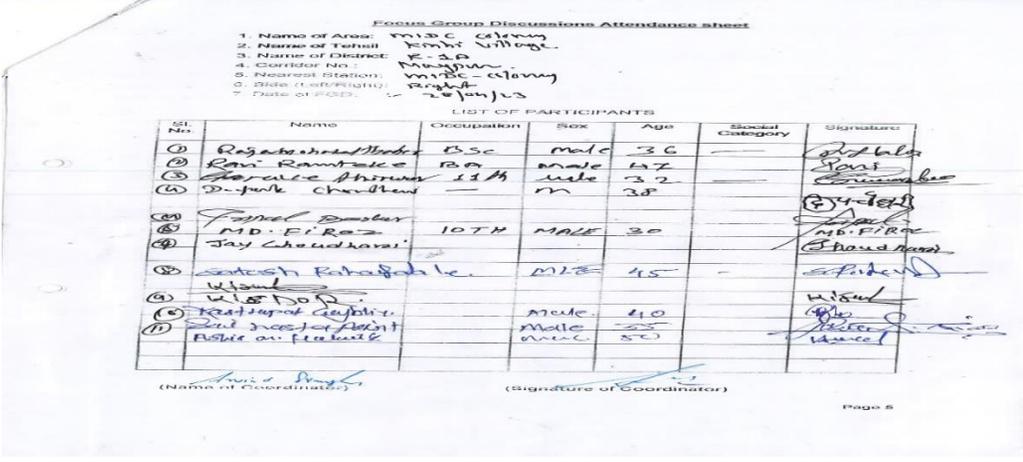
(Signature of Respondent)

[प्रतिवादीची स्वाक्षरी]

**Annexure: 3**  
**Public Consultation Findings for NMRP Phase-II project**

1	Public Consultation Date	28.04.2023																																																					
	Location	Dongargaon traders and Grampanchayat (R-1A)																																																					
	Findings	<ul style="list-style-type: none"> <li>➤ The consultation is conducted with Dongargaon Grampanchayat and weekly market traders (CPR).</li> <li>➤ The team has initiated the discussion with lady sarpanch Smt. Kalpana Koram. This public consultation was interactive and conversation with exchange of ideas and suggestion on relocation of CPR.</li> <li>➤ People were in favour of Phase II project, and they wanted to complete the project as early as possible. Sarpanch and other committee members have demanded the alternative land for relocation of market and necessary basic amenities like water and power connection, road connectivity etc to the new location.</li> <li>➤ Peoples also concerned about arrangement of safety precaution during civil activity as they are located near station.</li> <li>➤ The participation of women was very good. The decision-making power remains with many of women in the gram panchayat committee. Many of traders are women and they shared their view on relocation. They demanded that the resettlement site should have all the basic facilities like water and electricity connection. The proposed market should be spacious with proper shed.</li> <li>➤ It was informed to the participants that their concerns and valuable suggestions will be intimated to the concern officer of NMRP for consideration for planning and implementation of the project.</li> </ul>																																																					
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Findings	<ul style="list-style-type: none"> <li>➤ This consultation is conducted with some kiosk owners. All the people were happy for Phase-II project, as the transportation will increase the footfalls near them thereby there are chances to increase in their business.</li> <li>➤ All the kiosk holders expressed concern about the location where NMRP is going to relocate them.</li> <li>➤ Most of the people demanded feasible alternate space for relocation.</li> <li>➤ People also insisted to start work early and complete within the time so that there will be no traffic congestion during civil work.</li> <li>➤ Majority of people asked about the transportation assistance for relocation.</li> <li>➤ It was informed to the participants that their concerns and valuable suggestions will be intimated to the concern officer of NMRP for consideration for planning and implementation of the project.</li> </ul>																																																																						
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3	Public Consultation Date	11.04.2023																														
	Location	Pili Nadi, (R-2A)																														
	Findings	<ul style="list-style-type: none"> <li>➤ The consultation conducted with local public. They were happy for the Phase-II project.</li> <li>➤ The people have demanded the project should start and finished in time so that there will be no traffic congestion.</li> <li>➤ Some of the people were concerned about the dust formation during the civil work start.</li> <li>➤ People were also concerned about the safety management plan and precaution of local travellers during the commencement of civil work. It was informed to the people that proper care and safety will be taken during the construction period.</li> <li>➤ It was informed to the participants that their concerns and valuable suggestions will be intimated to the concern officer of NMRP for consideration for planning and implementation of the project.</li> </ul>																														
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6	Shri Sandip Singh	Business	42	Male
7	Shri Sanjay Varma	Business	35	Male
8	Shri Vinayak Choudhari	Business	40	Male
9	Shri Akash Dip	Working	38	Male
10	Shri Narendra Gupta	Business	35	Male
11	Shri Vishwanath Sharma	Private Job	38	Male
12	Shri Pravin Kumar	Private Job	35	Male
13	Shri Ajay Gupta	Private Job	38	Male

**Focus Group Discussions Attendance sheet**

1. Name of Area: Pilli Nadi  
 2. Name of Tehsil: Wangam Village  
 3. Name of District: Nagpur  
 4. Corridor No.: 2A  
 5. Nearest Station: Automotive Camp  
 6. Side (Left/Right):  
 7. Date of FGD: 11.04.2023.

**LIST OF PARTICIPANTS**

Sl. No.	Name	Occupation	Sex	Age	Social Category	Signature
1	BABLU LADSE	Deer	M	43	-	[Signature]
2	WARSA NARUL	Deer	F	34	-	[Signature]
3	RAHUL Kumar	Toy	M	22	-	[Signature]
4	JAY SINGH	Toy	M	30	-	[Signature]
5	VIMAN KUMAR	-	M	35	-	[Signature]
6	SANDIP SIMAR	-	M	42	-	[Signature]
7	[Signature]	-	M	35	-	[Signature]
8	[Signature]	-	M	40	-	[Signature]
9	[Signature]	-	M	38	-	[Signature]
10	[Signature]	-	M	35	-	[Signature]
11	[Signature]	-	M	38	-	[Signature]
12	[Signature]	-	M	35	-	[Signature]
13	[Signature]	-	M	38	-	[Signature]

R. R. D. S. (Name of Coordinator)      [Signature] (Signature of Coordinator)

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Photos



4	Public Consultation Date	11.04. 2023
	Location	Khasara Fata, (R-2A)
	Findings	<ul style="list-style-type: none"> <li>➤ The consultation was held with general public and TH.</li> <li>➤ The people were asking about the compensation of loss of land and assets.</li> <li>➤ People were asking about commencement of civil work and concerned about the traffic congestion and dust pollution.</li> <li>➤ Some of the people suggested to take proper care of safety of people during</li> </ul>

execution of civil work.

- It was informed to the people that the land will be purchased as per government rule of direct purchase method. Proper care and safety will be taken during the construction period.
- The consultation was very fruitful as people were informed about the project progress and status.
- All the people were in favour of the project and support for it.
- It was informed to the participants that their concerns and valuable suggestions will be intimated to the concern officer of NMRP for consideration for planning and implementation of the project.

Attendance

Sr.No	Name of Participants	Occupation	Age	Sex
1	Shri Rafiq Khan	Student	20	Male
2	Shri Nathakat Ahir	Private Job	23	Male
3	Shri Ankush Rana	Private Job	27	Male
4	Shri Rangadhar	Business	21	Male
5	Shri Piyush Techchand Karate	Business	24	Male
6	Shri Sumit Rahagade	Wage Labor	29	Male
7	Shri Liladhar Patel	Wage Labor	35	Male
8	Shri Gopal Singh	Wage Labor	30	Male
9	Shri Ajay Kumar	Wage Labor	30	Male
10	Shri Vinita Jha	Wage Labor	32	Female
11	Shri Pralhad Singh	Wage Labor	30	Male
12	Shri Sunil Kumar	Wage Labor	32	Male
13	Shri Krishna Ingle	Wage Labor	33	Male
14	Smt Vinaya Gupta	Wage Labor	32	Female
15	Shri Deepak Kumar	Wage Labor	35	Male

**Focus Group Discussions Attendance sheet**

1. Name of Area: Khasarwala  
 2. Name of Tehsil: Nagpur  
 3. Name of District: 2A  
 4. Corridor No.: Khasarwala station  
 5. Nearest Station: 2A  
 6. Side (Left/Right): Khasarwala station  
 7. Date of FGD: 11/04/2023

LIST OF PARTICIPANTS

Sl. No.	Name	Occupation	Sex	Age	Social Category	Signature
1	Rafiq Khan	Student	M	20	General	[Signature]
2	Nathakat Ahir	Job	M	23	General	[Signature]
3	Ankush Rana	Job	M	27	General	[Signature]
4	Satyam Rangadhar	Student	M	20	OBC	[Signature]
5	Piyush Techchand Karate	Student	M	21	OBC	[Signature]
6	Sumit Rahagade	Business	M	24	OBC	[Signature]
7	Liladhar Patel	Labour	M	29	OBC	[Signature]
8	Gopal Singh	Labour	M	35	OBC	[Signature]
9	Ajay Kumar	Labour	M	30	-	[Signature]
10	Vinita Jha	Labour	M	32	-	[Signature]
11	Pralhad Singh	Labour	M	30	-	[Signature]
12	Sunil Kumar	Labour	M	32	-	[Signature]
13	Krishna Ingle	Labour	M	33	-	[Signature]
14	Vinaya Gupta	Labour	M	32	-	[Signature]
15	Deepak Kumar	Labour	M	35	-	[Signature]

[Signature]  
(Name of Coordinator)

[Signature]  
(Signature of Coordinator)

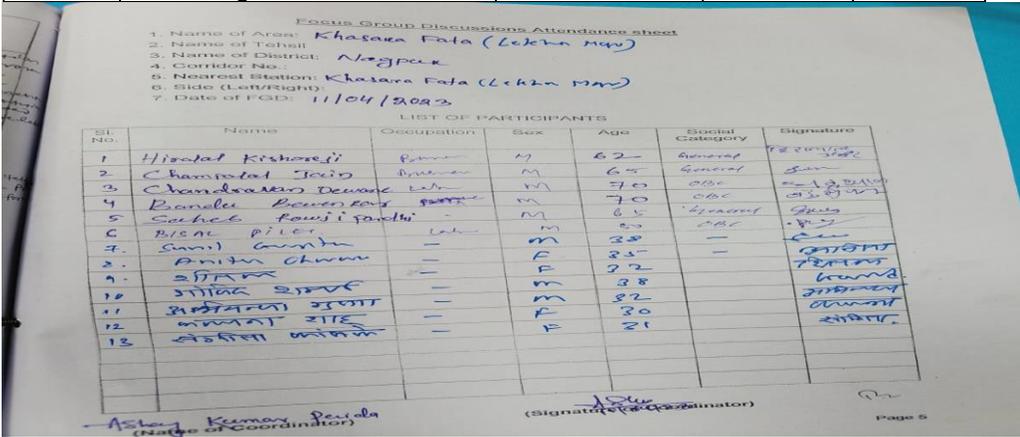
Page 5

	Photos																																																									
5	Public Consultation Date	12.04. 2023																																																								
	Location	All India Radio, (R-2A)																																																								
	Findings	<ul style="list-style-type: none"> <li>➤ This Consultation was held with general public and NTH. The participants were asking about the actual rate of compensation against acquisition of land and assets.</li> <li>➤ The people were demanding widening of road and smooth traffic during the construction period.</li> <li>➤ People were happy for the project and keen to know the date of commencement and completion.</li> <li>➤ The kiosk owners were concerned about the relocation.</li> <li>➤ It was informed to the participants that the land will be purchased under direct purchase method under government rule. NMRP will take responsibility to relocate the NTH to nearby location. During execution of work, it will be ensured that no traffic will be affected. Also, for this purpose coordination shall be done on day-to-day basis with traffic police. The civil work will start in the year 2024.</li> </ul>																																																								
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	2	Shir Champalal Jain	Business	65	Male
	3	Shri Chandrakant Daware	Business	70	Male
	4	Shri Bandu Bawankar	Business	70	Male
	5	Shri Saheb Ravaji Pardhi	Business	65	Male
	6	Shri Bisal Pile	Business	50	Male
	7	Shri Sunil Gurtha	Private job	38	Male
	8	Mrs Anita Chavan	Private Job	35	Female
	9	Mrs Sheetal	Business	32	Female
	10	Shri Govind Sharma	Business	38	Male
	11	Smt Abhinya Gupta	Business	32	Female
	12	Smt Kalpana Shanu	Business	30	Female
	13	Smt Snageeta Kamble	Business	31	Female
					
Photos					
9	Public Consultation Date	06.04. 2023			
	Location	Hingna bus stop (R-3A)			
	Findings	<ul style="list-style-type: none"> <li>➤ The consultation was held with NTH and general public. Peoples were happy for the Phase- II project; they showed their support to the infrastructure development project in Nagpur.</li> <li>➤ The people were demanding wider road and smooth traffic during the construction period.</li> <li>➤ The kiosk owners were concerned about the relocation site and transportation assistance.</li> <li>➤ It was informed to them that all type of safety measures and traffic management will be adopted during the execution of the project. The relocation of kiosk owners will be done by NMRP in proper coordination with local self-government. The relocation will be done after consultation and to nearby location ensuring that their livelihood will not be impacted.</li> </ul>			

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**Focus Group Discussions Attendance sheet**

1. Name of Area: Binnam Chane Nagar, PARDH  
 2. Name of Tehsil: Pardi  
 3. Name of District: Nagpur  
 4. Corridor No.: Kaph Corridor R-1A  
 5. Nearest Station: Kanhapur Old Metro  
 6. Side (Left/Right):  
 7. Date of FGD: 10-04-2023

**LIST OF PARTICIPANTS**

Sl. No.	Name	Occupation	Sex	Age	Social Category	Signature
1	AJAY JANNSE	other	M	23	General	<i>[Signature]</i>
2	SUREKA PANCHAWSE	other	M	42	OBC	<i>[Signature]</i>
3	DEHANSI Nimbale	chicken	M	18	OBC	<i>[Signature]</i>
4	Dileshwar Phalbande	other	M	50	OBC	<i>[Signature]</i>
5	Atanph Phalbande	educat	M	21	SC	<i>[Signature]</i>
6	Chattampi Dharwad	Student	M	20	OBC	<i>[Signature]</i>
7	Gajanan Dhale	UAC	M	50	OBC	<i>[Signature]</i>
8	Seeh Javeed	Auto driver	M	35	General	<i>[Signature]</i>
9	Bakhe Mesharam	labour	M	38	General	<i>[Signature]</i>
10	Arbaz Khan	Mason	M	30	General	<i>[Signature]</i>
11	Krishna Yadav	Coker	M	32	-	<i>[Signature]</i>
12	Rohan Kumar	Coker	M	30	-	<i>[Signature]</i>
13	Ajay Gupta	Coker	M	20	-	<i>[Signature]</i>
14	Deepak Kumar	Coker	M	35	-	<i>[Signature]</i>
15	Suryajy Gote	Coker	M	32	-	<i>[Signature]</i>

*[Signature]*  
(Signature of Coordinator)

Page 5



12	Public Consultation Date	10.04.2023
	Location	Transport Nagar, (R-4A)
	Findings	<ul style="list-style-type: none"> <li>➤ Majority participants of the public consultation are Rickshaw drivers. They were concerned about their earning may be hampered due to Phase-II metro. It was clarified to them that due to extension of metro network, there will be increase in the number of commuters. This area has many small and medium enterprises and majority of people will use auto rickshaw to reach metro station and it will help in increasing in the income of Rickshaw drivers.</li> <li>➤ Most of the participants demanded job in metro during the construction. The demand regarding job opportunity during the metro construction has been noted and every effort will be made to recruit local people during the construction phase through contractors.</li> <li>➤ The people were also asking about the availability of grievance mechanism for Phase-II project. It was informed to them that for catering all kinds of grievances, the Grievance Redress Committee will be established at field and HQ level. NMRP will ensure that all the grievances received shall be redressed and documented.</li> <li>➤ It was informed to the participants that their concerns and valuable suggestions will</li> </ul>

be intimated to the concern officer of NMRP for consideration for planning and implementation of the project.

Attendance

Sr.No	Name of Participants	Occupation	Age	Sex
1	Shri Vikas Lokhande	Business	50	Male
2	Shri Nikhil Nanavkar	Rickshaw Driver	30	Male
3	Shri Iswar Dhunale	Rickshaw Driver	37	Male
4	Shri Kundan Chavan	Rickshaw Driver	32	Male
5	Shri Jagjivan Raksh	Business	35	Male
6	Shri Sunil	Rickshaw Driver	40	Male
7	Shri Javad Shaikh	Rickshaw Driver	35	Male
8	Shri Kiran Shah	Rickshaw Driver	38	Male
9	Shri Sanket Kumar	Rickshaw Driver	30	Male
10	Shri Prakash Gupta	Rickshaw Driver	32	Male
11	Md Amir	Rickshaw Driver	35	Male
12	Shri Ajmal Shaikh	Rickshaw Driver	35	Male

**Focus Group Discussions Attendance sheet**

1. Name of Area: Kupasi (Umia)  
 2. Name of Tehsil:  
 3. Name of District:  
 4. Corridor No.: 4A  
 5. Nearest Station: TRANSPORT NAGAR  
 6. Side (Left/Right):  
 7. Date of FGD: 10/04/2023

LIST OF PARTICIPANTS

Sl. No.	Name	Occupation	Sex	Age	Social Category	Signature
1.	विकास लोखंडे	Vegetable	m	50	OBC	V. Lokhande
2.	निकिल नानावकर	Auto	m	30	OBC	N. Nanavkar
3.	इश्वर धुनले	Auto	m	37	OBC	I. Dhunale
4.	कुंदन चव्हाण	Auto	m	32	OBC	K. Chavan
5.	जगजिवन राक्ष.	Vegetable	m	35	General	J. Raksh
6.	जावेद	Auto	m	40	-	J. Shaikh
7.	Javed Shaikh	Auto	m	35	-	J. Shaikh
8.	Kiran Shah	Auto	m	38	-	K. Shah
9.	Sanket Kumar	Auto	m	30	-	S. Kumar
10.	Prakash Gupta	Auto	m	32	-	P. Gupta
11.	Md Amir	Auto	m	35	-	M. Amir
12.	Ajmal Shaikh	Auto	m	35	-	A. Shaikh

Ashu Ky Penela  
(Name of Coordinator)

(Signature of Coordinator)

Page 5

Photos																																																																			
13 Public Consultation Date	08.05.2023 (Consultation with Students)																																																																		
Location	Zero mile																																																																		
Findings	<ul style="list-style-type: none"> <li>➤ The consultation was held with students. The students were happy for the Phase-II project. since many of students were coming from outskirts of Nagpur city for college, they mentioned that the metro will not only save their time but also provide safe mode of transport.</li> <li>➤ Some of them are already travelling in Phase-I line and they said it is the safest mode of transportation.</li> <li>➤ The students informed that the ticket rates are quite high and there should be minimum rate for students for daily transportation.</li> <li>➤ The consultation was fruitful.</li> <li>➤ It was informed to the students that their concerns and valuable suggestions will be intimated to the concern officer of NMRP for consideration for planning and implementation of the project.</li> </ul>																																																																		
Attendance	<table border="1" data-bbox="430 1083 1435 1503"> <thead> <tr> <th>Sr.No</th> <th>Name of Participants</th> <th>Occupation</th> <th>Age</th> <th>Sex</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Mangesh Tungare</td> <td>Student</td> <td>21</td> <td>Female</td> </tr> <tr> <td>2</td> <td>Janaki Kalbande</td> <td>Student</td> <td>21</td> <td>Female</td> </tr> <tr> <td>3</td> <td>Trupti Lavghare</td> <td>Student</td> <td>21</td> <td>Female</td> </tr> <tr> <td>4</td> <td>Dipali Dalal</td> <td>Student</td> <td>23</td> <td>Female</td> </tr> <tr> <td>5</td> <td>Mayuri Dangdge</td> <td>Student</td> <td>21</td> <td>Female</td> </tr> <tr> <td>6</td> <td>Lalita Bhute</td> <td>Student</td> <td>22</td> <td>Female</td> </tr> <tr> <td>7</td> <td>Vidhi Bothra</td> <td>Student</td> <td>20</td> <td>Female</td> </tr> <tr> <td>8</td> <td>Shahnawaz Ahmad</td> <td>Student</td> <td>25</td> <td>Male</td> </tr> <tr> <td>9</td> <td>Adesh Chimurkar</td> <td>Student</td> <td>19</td> <td>Male</td> </tr> <tr> <td>10</td> <td>Rahul Kumar</td> <td>Student</td> <td>24</td> <td>Male</td> </tr> <tr> <td>11</td> <td>Sanjana</td> <td>Student</td> <td>18</td> <td>Female</td> </tr> <tr> <td>12</td> <td>Piyush D.</td> <td>Student</td> <td>18</td> <td>Male</td> </tr> </tbody> </table>		Sr.No	Name of Participants	Occupation	Age	Sex	1	Mangesh Tungare	Student	21	Female	2	Janaki Kalbande	Student	21	Female	3	Trupti Lavghare	Student	21	Female	4	Dipali Dalal	Student	23	Female	5	Mayuri Dangdge	Student	21	Female	6	Lalita Bhute	Student	22	Female	7	Vidhi Bothra	Student	20	Female	8	Shahnawaz Ahmad	Student	25	Male	9	Adesh Chimurkar	Student	19	Male	10	Rahul Kumar	Student	24	Male	11	Sanjana	Student	18	Female	12	Piyush D.	Student	18	Male
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12	Piyush D.	Student	18	Male																																																															

**Focus Group Discussions Attendance sheet**

1. Name of Area: zero mile  
 2. Name of Tehsil: Nagpur  
 3. Name of District: Nagpur  
 4. Corridor No.: —  
 5. Nearest Station: zero mile  
 6. Side (Left/Right): —  
 7. Date of FGD: 08/05/23

## LIST OF PARTICIPANTS

Sl. No.	Name	Occupation	Sex	Age	Social Category	Signature
01	Mangesh Tiwari	Student	Male	21	Hindu	[Signature]
02	Janki Kalbode	Student	Female	21	Hindu	[Signature]
03	Tarpti Ghosh	—	Female	21	—	[Signature]
04	Dipali Dabhi	—	Female	23	—	[Signature]
05	Manjari Dabhi	—	Female	21	—	[Signature]
06	Lalita Bhuje	—	Female	22	—	[Signature]
07	Vidhi Bhatra	student	Female	20	—	[Signature]
08	Shaharaj Khan	—	male	25	Muslim	[Signature]
09	Aleshchimeskar	student	male	19	Hindu	[Signature]
10	Rohel Kumar	student	male	20	Hindu	[Signature]
11	Sanjana	student	Female	18	Hindu	[Signature]
12	Pijush D	student	male	18	Hindu	[Signature]

[Signature]  
 (Name of Coordinator)

[Signature]  
 (Signature of Coordinator)



Photos



**Annexure: 4**  
**NMRC Land Acquisition circular for Corridor of Impact**

CIN: U60100MH20155GC262054

Telefax : 0712-2554217



नागपूर मेट्रो रेल कॉर्पोरेशन लिमिटेड  
**NAGPUR METRO RAIL CORPORATION LIMITED**

(भारत सरकार आणि महाराष्ट्र शासनाचा संयुक्त उपक्रम)  
(A Joint Venture of Govt. of India & Govt. of Maharashtra)

**CIRCULAR**

No.NMRC/Plg/A/Land Policy/2016/153/2326

Dated: 01/09/2016

Sub: Land acquisition policy for Nagpur Metro Project.

As per the approved DPR, the width of Metro Rail Corridor is 20m and therefore the land in this corridor was considered for acquisition. Although, the metro rail corridor mostly follows median of the roads, at some locations the alignment is away from the road. At such location, the need for optimisation of land acquisition was felt.

After optimisation of the width of viaduct, the requirement of corridor width for the purpose of land acquisition has been critically reviewed and the competent authority has approved the corridor width as under:

Sr. No.	Owner	ROW (in meters)
1	Government Ownership (GoM, Govt, NIT, NMC, MADC, AAI, Railways, etc.)	20
2	Private Ownership	15

Land Cell should modify land acquisition proposal accordingly. Planning cell shall provide the modified plans.

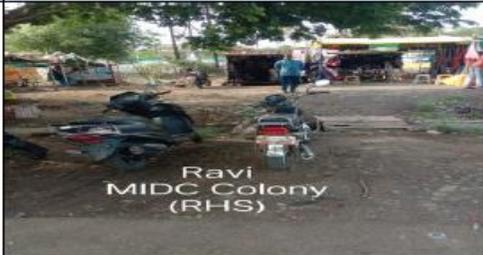
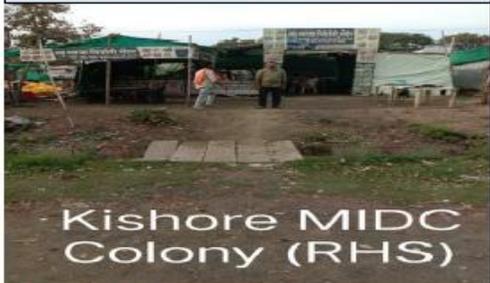
  
(J.K. Nandanwar)  
General Manager (Plg)

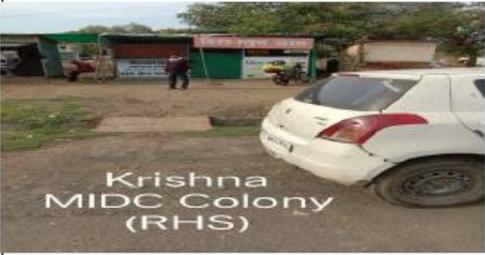
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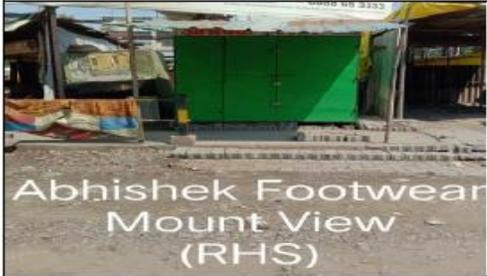
1. DP - For kind information please.
2. D(RS&S) - For kind information please.
3. PA to MD – For Kind information of MD please.
- ✓ 4. GM (Land) – For information and necessary action.
5. All HOD'S/ Dy. HOD's – For kind information please.
6. All Notice Board of NMRC's Offices.

**Annexure: 5  
Photograph of affected structures of NTH**

Name of Station:

Name of Station: MHADA Colony			
			
Raju Shivankar	Dinesh Rodle	Pradeep Nanaji Raut	Avinash Balbudhe
			
Praful Thakur	Pandu Sadashiv Pandurang	Md. Firoz	Ravi Ramteke
			
Kishor Bitthal	Nilkanth Choudhary	R. Mohd. Tahir	Gaurav

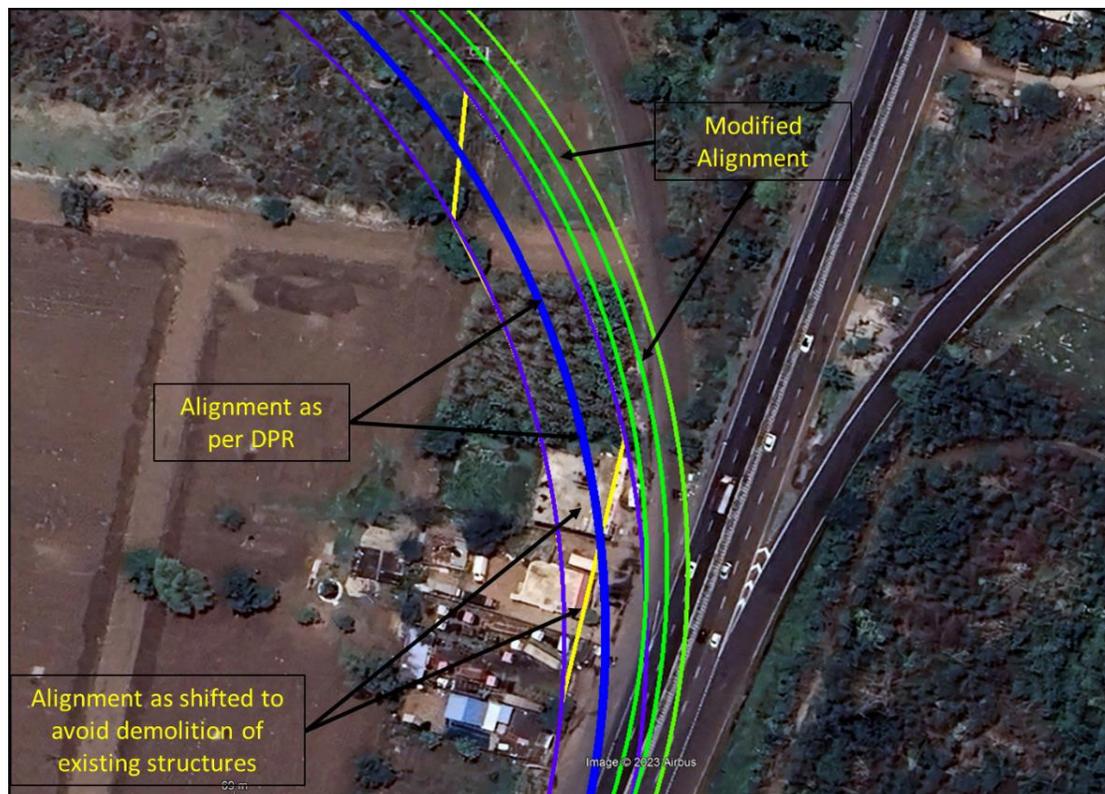
 <p>Krishna MIDC Colony (RHS)</p>	<p>Name of Station: All India Radio</p>  <p>Shadab</p>	<p>Name of Station: Lok Vihar</p>  <p>Rakesh Lok Vihar(LHS)</p>	<p>Name of Station: Kamptee Police Sta.</p>  <p>Deen Ali Kamthi Police Station(RHS)</p>
<p>Krisna Soni</p>	<p>Shadaab</p>	<p>Rakesh Sharma</p>	<p>Deen Ali</p>
 <p>Anwar Ali Kamthi Police Station(LHS)</p>	 <p>Raju Kamthi Police Station (RHS)</p>	 <p>Mohammed Sadik Kamthi Police Station(RHS)</p>	 <p>Dharmendra Kamthi Police Station(RHS)</p>
<p>Anwar Ali</p>	<p>Raju Mangal Prasad Gupta</p>	<p>Mohd. Sadik Mumtaj Ahmed</p>	<p>Dharmendra Ramanand Tiwari</p>
 <p>Fugal Kamthi Police Station(RHS)</p>	<p>Name of Station: Hingna Mount View</p>  <p>Chandrabhan Mount View (RHS)</p>	 <p>Riddhi Prasad Mount View (RHS)</p>	 <p>Sunita Chandrana Swami</p>
<p>Fuzail Ahmad Ansari</p>	<p>Chandrabhan Bhuraji Sonekar</p>	<p>Ridhi Bhola Prasad</p>	<p>Sunita Chandrana Swami</p>

 <p>Abhishek Footwear Mount View (RHS)</p>	 <p>O. P. Singh Mount View(RHS)</p>	<p>Name of Station: Wanadongri</p>  <p>Moreshvar Bhoir</p>	 <p>Mirabai Vamanrao Asole</p>
<p>Ashish Ramesh Tandekar</p>	<p>O.P.Singh</p>	<p>Name of Station: Hingna Bus station</p>	<p>Name of Station: Hingna Bus station</p>
 <p>Kapil Anil Thakare</p>	 <p>Ram Kumar Kushwah</p>	 <p>Nitin Ganesh Bharti</p>	 <p>Manish Nathu Choudhary</p>
<p>Kapil Anil Thakare</p>	<p>Ram Kumar Kushwah</p>	<p>Nitin Ganesh Bharti</p>	<p>Manish Nathu Choudhary</p>
 <p>Nitesh Dharmopal Ghatode</p>	 <p>Sheshrao Sadashiv Bansore</p>	 <p>Prabhakar Sakharam Dorke</p>	 <p>Sudhir Motiram Bhakare</p>
<p>Nitesh Dharmopal Ghatode</p>	<p>Sheshrao Sadashiv Bansore</p>	<p>Prabhakar Sakharam Dorke</p>	<p>Sudhir Motiram Bhakare</p>

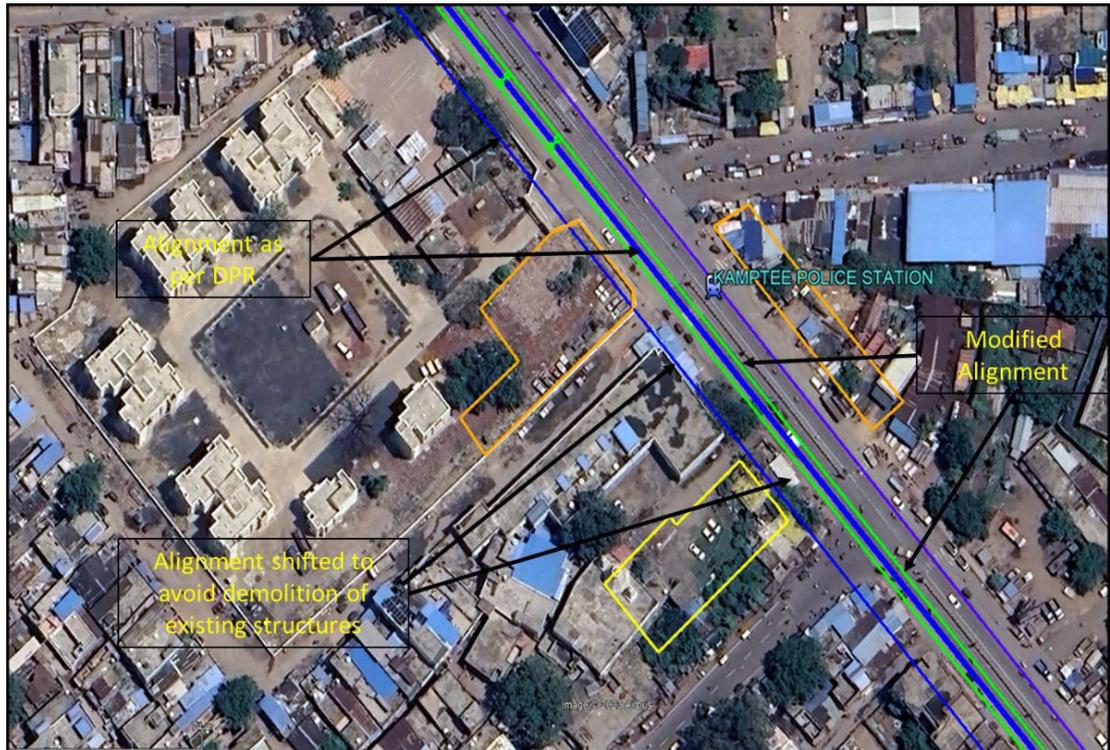
			
<p>Vinod Devrao Vaidya</p>	<p>Dilip Bithalrao Khedkar</p>	<p>Narendra Hiramani Rakhunde</p>	<p>Ranjana Nilkanth Nalware</p>
		<p>Name of Station: Hingna</p> 	<p>Name of Station: Pardi</p> 
<p>Baban Laxmanrao Chavhan</p>	<p>Niranjan Udav Jadhav</p>	<p>Suresh Pundikram Lonara</p>	<p>Ganga Bai Chauhan</p>
			<p>Activate Windows Go to Settings to activate Windows</p>
<p>Alka Vilash Dhande</p>	<p>Dileswar Fulbande</p>	<p>Tanmay Panchabude</p>	

### Annexure 6: Minimization of Impacts

#### Minimization of Impacts: Reach-1A



### Minimization of Impacts: Reach-2A



### Minimization of Impacts: Reach-3A



**Annexure 7: Govt of Maharashtra's GR No: Misc.-03/2015/C.N.34/A-2  
(May 12, 2015, and September 30, 2015)**

**And Assessment of Land Acquisition and Resettlement for Nagpur Metro Phase 1**

खाजगी क्षेत्रातील जमीन सिंचन व इतर प्रकल्पांसाठी  
खाजगी वाटाघाटीद्वारे थेट खरेदी पध्दतीने घेणेबाबत.

महाराष्ट्र शासन  
महसूल व वन विभाग,  
शासन निर्णय क्रमांक:-संकीर्ण-०३/२०१५/प्र.क्र.३४/अ-२  
मंत्रालय, मुंबई  
दिनांक:- १२ मे, २०१५

**प्रस्तावना:-**

मा. मुख्यमंत्री महोदयांकडे विदर्भातील जिल्हयांच्या विकास आराखडयाबाबत झालेल्या चर्चेच्यावेळी पाटबंधारे तसेच इतर प्रकल्पांसाठी जमीन संपादन करतांना ब-याच अडचणी येतात, त्यामुळे प्रकल्पाचे काम सुरु होण्यास व पर्यायाने त्याचा लाभ लाभधारकांना मिळण्यास विलंब होतो, ही बाब प्रकर्षाने मा.मुख्यमंत्री महोदयांच्या निदर्शनास आणून देण्यात आली. केंद्र शासनाच्या नवीन भूसंपादन कायद्यान्वये मिळणारा मोबदला व त्यापूर्वी राज्य शासनामार्फत देण्यात येणारा मोबदला तसेच शेतक-यांकडून थेट वाटाघाटीद्वारे जमीन खरेदी करतांना मिळणारा मोबदला यांच्यामध्ये तफावत असल्याने शेतकरी जमीन देण्याबाबत संभ्रमात आहेत. त्यामुळे प्रकल्पासाठी जमीन मिळण्यास व पर्यायाने प्रकल्पाचे काम सुरु होण्यास विलंब होत आहे. हे लक्षात घेऊन मा. मुख्यमंत्री महोदयांच्या निदेशानुसार शासन निर्णय, नियोजन विभाग, दिनांक २४.१२.२०१४ रोजीच्या निर्णयान्वये विशेष समिती गठित करण्यात आलेली होती. सदर समिती अप्पर मुख्य सचिव (नियोजन) यांच्या अध्यक्षतेखाली गठित करण्यात आली होती. तथापि सदर समितीच्या संरचनेत अंशतः बदल शासन निर्णय, दिनांक १२.२.२०१५ अन्वये करण्यात येऊन सदर समितीचे अध्यक्ष अप्पर मुख्य सचिव (वित्त) हे राहतील व या विशेष समितीने आपला परिपूर्ण प्रस्ताव एक महिन्याच्या आत सादर करावा असे शासन निर्णयात नमूद केलेले आहे. सदर समितीच्या दिनांक २४.३.२०१५ रोजी आयोजित बैठकीत सांगोपांग विचार करून खाजगी क्षेत्रातील जमीन सिंचन व इतर प्रकल्पांसाठी वाटाघाटीद्वारे थेट खरेदी पध्दतीने घेण्याबाबत नवीन भूसंपादन कायदानुसार प्रकल्पांसाठी खाजगी जमीन थेट खरेदीने घेण्यास कोणतेही बंधन नसल्यामुळे समितीने काही मार्गदर्शक तत्वे विचारात घेवून खाजगी जमीन विकत घेण्याची शिफारस शासनास केली आहे. समितीने त्यासंदर्भातील केलेल्या शिफारशी लक्षात घेवून शासन खालीलप्रमाणे निर्णय घेत आहे.

**शासन निर्णय :-**

सर्वसाधारणपणे विविध प्रकल्पांसाठी आवश्यक असणारी खाजगी जमीन संबंधित भूसंपादन संस्था अस्तित्वात असणा-या भूसंपादन कायदानुसार संपादन करते. तथापि जर अशा भूसंपादन संस्थेला आवश्यक असणारी जमीन भूसंपादन कायदानुसार संपादित न करता थेट खरेदी पध्दतीने विकत घेण्यास कायदाने कोणतेही बंधन नसल्यामुळे खालील मार्गदर्शक तत्वे विचारात घेऊन विकत घेण्याची मुभा राहिल.

**(अ) मार्गदर्शक तत्वे**

**नवीन प्रकल्पासाठी :-**

- १) सिंचन प्रकल्पांव्यतिरिक्त नवीन प्रकल्पासाठी थेट जमीन खरेदी करतांना ती पूर्ण प्रकल्पासाठी करण्यात यावी.
- २) सिंचन प्रकल्पांच्या बाबतीत धरण बैठक (Dam Site), बुडीत क्षेत्र, पुनर्वसन क्षेत्र व मुख्य कालवे (५०%) व वितरिका (५०%) इतक्या जमिनी थेट खरेदीने घ्याव्यात.

**अपूर्ण प्रकल्पासाठी :-**

- १) सिचनाव्यतिरिक्त कोणताही अपूर्ण प्रकल्प पूर्ण करण्याकरिता आवश्यक असलेली सर्व शिल्लक जमीन भूसंपादनाऐवजी थेट खरेदीने करता येईल. मात्र अशी जमीन खरेदी टप्पाटप्पाने न करता पूर्णतः करण्यात यावी.
- २) अ) अपूर्ण सिचन प्रकल्पांच्या बाबतीत धरण बैठक, बुडीत क्षेत्र, पुनर्वसन क्षेत्र, मुख्य कालवे (५०%) व वितरिका यासाठी लागणारी उर्वरित जमीन (भूसंपादन प्रक्रिया सुरु न झालेले) थेट खरेदीने पूर्णतः घ्यावी.
- ब) पाणी साठा झाला असल्यास व केवळ कालव्यासाठी जमिनीची आवश्यकता असेल तर पाणी पोहोचलेल्या ठिकाणापासून पाणी पुढे नेण्यासाठी आवश्यक जमिनी सलगरित्या थेट खरेदीने घ्याव्यात.

**(ब) मोबदला निश्चितीसाठीची जिल्हास्तरीय समिती**

- १) थेट खरेदी करावयाच्या जमिनीच्या मोबदल्याबाबतचा दर ठरविण्यासाठी जिल्हाधिकारी यांच्या अध्यक्षतेखाली समिती स्थापन करावी. सदर समितीची संरचना खालीलप्रमाणे राहिल.

१) जिल्हाधिकारी	-	अध्यक्ष
२) अधिक्षक अभियंता (जलसंपदा)	-	सदस्य
३) अधिक्षक अभियंता (सार्वजनिक बांधकाम)	-	सदस्य
४) जिल्हा सरकारी वकील	-	सदस्य
५) सहायक संचालक, नगर रचना	-	सदस्य
६) संपादक संस्थेचा सक्षम अधिकारी	-	सदस्य
७) संबंधित उपजिल्हाधिकारी (भूसंपादन)	-	सदस्य सचिव

समितीमध्ये आवश्यकतेप्रमाणे झाडांचे / फळझाडांचे / वन झाडांचे / उभ्या पिकांचे (Standing Crops), बांधकामाचे व इतर बाबींचे मूल्यांकन करण्यासाठी कृषि, वन, उद्यानविद्या या विषयातील सक्षम अधिकाऱ्यांचा अथवा त्या विषयाशी संबंधित तज्ञ यांचा निमंत्रित सदस्य म्हणून समावेश करावा.

- २) वरील समिती जमिनीचा मोबदला निश्चित करण्यापूर्वी प्रचलित भूसंपादन कायदानुसार जमिनीचे मूल्यांकन व जमिनीच्या मूळ मालकाचा मूळ दस्ताऐवज व जमिनीचा लिगल सर्च रिपोर्ट (Legal Search Report) सरकारी वकीलांमार्फत तपासून घेईल.

**(क) मोबदला निश्चितीची कार्यपध्दती**

प्रकल्पासाठी जमीन थेट खरेदीने घेताना भूसंपादन कायदा २०१३ मधील कलम २६ ते ३० च्या व शेड्यूल-१ च्या तरतुदीनुसार संबंधित जमिनीसाठी देय होणाऱ्या मोबदल्याची परिगणना सदर जमिनीशी निगडीत सर्व बाबी विचारात घेऊन प्रथम करण्यात यावी. त्यानंतर सदर परिगणित होणाऱ्या एकूण मोबदल्याच्या रक्कमेवर २५% रक्कम वाढीव देण्यात यावी.

**(ड) मोबदला स्विकारतांना शेतक-यांसाठीचा विकल्प**

प्रकल्पांसाठी शेतकऱ्यांची जमीन थेट खरेदीने घेतांना त्यांना देय होणाऱ्या मोबदल्यासाठी त्यांना पुढीलप्रमाणे दोन विकल्प देण्यात यावेत.

- १) वरील " क " प्रमाणे परिगणित होणारा संपूर्ण मोबदला एकरकमी देणे.

अथवा

- २) अ) जमीन खरेदी करतांना / ताब्यात घेतांना संपूर्ण मोबदल्यापैकी पहिला टप्पामध्ये ५०% रक्कम एकरकमी देणे,

- ब) उर्वरित ५०% रक्कम वर्षासन (Annuity) स्वरूपात देणे.

सदर शासन निर्णय महाराष्ट्र शासनाच्या [www.maharashtra.gov.in](http://www.maharashtra.gov.in) या संकेतस्थळावर उपलब्ध करण्यात आला असून त्याचा संकेतांक क्र. २०१५०५१२१४५०४४२९१९ असा आहे. सदर आदेश डिजिटल स्वाक्षरीने साक्षांकित करून काढण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांचे आदेशानुसार व नावाने.

**SUBHASH  
KISANRAO  
GAWADE**

Digitally signed by SUBHASH  
KISANRAO GAWADE  
DN: CN = SUBHASH KISANRAO  
GAWADE, C = IN, S = Maharashtra, O =  
GOVERNMENT OF MAHARASHTRA,  
OU = REVENUE AND FOREST  
Date: 2015.05.12 15:51:39 +05'30'

( सु.कि.गावडे )

उप सचिव, महाराष्ट्र शासन

प्रत,

- १) मा.राज्यपाल यांचे सचिव, राजभवन, मुंबई
- २) मा.मुख्यमंत्री यांचे प्रधान सचिव, मुख्यमंत्री सचिवालय, मुंबई
- ३) मा.मंत्री (महसूल) यांचे खाजगी सचिव, मंत्रालय, मुंबई
- ४) मा.मंत्री (वित्त व वने) यांचे खाजगी सचिव, मंत्रालय, मुंबई
- ५) मा.मंत्री (जलसंपदा) यांचे खाजगी सचिव, मंत्रालय, मुंबई
- ६) सर्व मा.मंत्री / राज्यमंत्री यांचे खाजगी सचिव, मंत्रालय, मुंबई
- ७) मा.मुख्य सचिव यांचे वरिष्ठ स्वीय सहायक, मंत्रालय, मुंबई
- ८) सर्व अपर मुख्य सचिव / प्रधान सचिव / सचिव यांचे स्वीय सहायक, मंत्रालय, मुंबई
- ९) अपर मुख्य सचिव (वित्त) यांचे स्वीय सहायक, वित्त विभाग, मंत्रालय, मुंबई
- १०) प्रधान सचिव (नियोजन) यांचे स्वीय सहायक, नियोजन विभाग, मंत्रालय, मुंबई
- ११) प्रधान सचिव (जलसंपदा) यांचे स्वीय सहायक, जलसंपदा विभाग, मंत्रालय, मुंबई
- १२) प्रधान सचिव (महसूल) यांचे स्वीय सहायक, महसूल व वन विभाग, मंत्रालय, मुंबई
- १३) सचिव (वने) यांचे स्वीय सहायक, महसूल व वन विभाग, मंत्रालय, मुंबई
- १४) सचिव (मदत व पुनर्वसन) यांचे स्वीय सहायक, महसूल व वन विभाग, मंत्रालय, मुंबई
- १५) सर्व विभागीय आयुक्त
- १६) सर्व जिल्हाधिकारी
- १७) संचालक, नगर रचना, पुणे
- १८) सर्व अधिक्षक अभियंता, (सार्वजनिक बांधकाम / जलसंपदा)
- १९) सर्व जिल्हा सरकारी वकील
- २०) निवडनस्ती (अ-२)

**Steps to be followed in Land Acquisition for the public project as per Government of Maharashtra's Direct Purchase Method**

**Reference: -**

**Government of Maharashtra Revenue and Forest Department Resolution for acquiring private land for the project through Direct Purchase Method**

**No. : संकिर्ण-०३/२०१५/प्र. क्र. ३४/अ -2 दि.१२/०५/१५ व दि. ३०/०९/२०१५ – खासगी क्षेत्रातील जमीन प्रकल्पांसाठी खासगी वाटाघाटीद्वारे थेट खरेदीने घेण्याबाबत कार्यपध्दती.**

<b>Sr.no</b>	<b>Process of Land acquisition by direct negotiation</b>	<b>Time taken</b>
Step 1	Detail proposal showing land to be acquired in each village is prepared by MRVC and submit the same to District Collector Office for processing Land Acquisition by Direct Purchase Method as per Government of Maharashtra resolution Sankirna-03/2015/P.K. 34/A-2, Dated: 12/05/2015 and 30/09/2015.	3 Months
Step 2	After preliminary scrutinizing of the proposal by district collector office. It is to be forwarded to Sub Divisional Officer of respective Tahasil as the concern SDO is been nominated as land acquisition officer by District Collector.	1 Month
Step 3	SDO office scrutinizes proposals in details and publishes notice number 1 in local newspapers for the information of the concern public. The notice includes names of the villages, survey number of the land in which land to be acquired and area of land to be acquired from each survey number. It also includes name and address of concern officers of Revenue department associated with land acquisition.	2 Months
Step 4	SDO officer forward one copy of the proposal to Deputy Superintendent of Land Record (Dy.SLR), of concern Tahasil for Joint Measurement of Land to be acquired.	
Step 5	Dy.SLR office after scrutiny of the proposal fix date of measurement and issue notices to all Land owners for Joint Measurement with request to present on the date and time mentioned in the notice at site.	
Step 6	Surveyor of Dy.SLR office conducts Joint Measurement of Land to be acquired in the presence of Land owners and officials of Land acquiring authority.	
Step 7	Dy.SLR office prepare detail drawing of the Land to be acquired as per Joint Measurement and prepare detail statement showing area of the land to be acquired in each survey number and names of the land owners as per their land record.	3 Months

Sr.no	Process of Land acquisition by direct negotiation	Time taken																												
Step 8	Dy.SLR officer forward the plan and detailed statement to SDO office for further process.																													
Step 9	<p>A. SDO office forward the copies of the JM sheet and Statement to Concern Agricultural officer, Forest officer, Public Works Department , Panchayat Samiti offices for the valuation of Fruit bearing trees, other trees, structures and Well/bore wells respectively in the land to be acquired.</p> <p>B. SDO office collect details of sale deeds executed in land three years in the adjoining areas of Land to be acquire from concern Registrar office. Also collects mutation entries from concern Revenue inspector in support of these sale deeds. All these details with JM sheets and detail statements is been shared with Town Planning officer of the District for recommending rates of the Land to be paid for acquisition.</p>																													
Step 10	<p>District Collector establishes District level committee of the following members to finalize rates of the Land to be acquired.</p> <p>District Level committee</p> <table border="0" data-bbox="326 894 1222 1125"> <tr> <td>1.</td> <td>Distt Collector</td> <td>..</td> <td>President.</td> </tr> <tr> <td>2.</td> <td>Superintending Engineer Irrigation</td> <td>..</td> <td>Member</td> </tr> <tr> <td>3.</td> <td>Supdt. Engineer P.W.D.</td> <td></td> <td>Member.</td> </tr> <tr> <td>4.</td> <td>Distt. Govt. Pleader</td> <td>..</td> <td>Member.</td> </tr> <tr> <td>5.</td> <td>Asstt. Director Town Planning</td> <td></td> <td>Member.</td> </tr> <tr> <td>6.</td> <td>Competent authority of acquiring body</td> <td></td> <td>Member</td> </tr> <tr> <td>7.</td> <td>Concerned Dy. Collector(Land acquisition)</td> <td>..</td> <td>Member</td> </tr> </table> <p>District Level Committee finalize rates of the Land to be acquired based on the recommendation of the District Town Planning officer.</p>	1.	Distt Collector	..	President.	2.	Superintending Engineer Irrigation	..	Member	3.	Supdt. Engineer P.W.D.		Member.	4.	Distt. Govt. Pleader	..	Member.	5.	Asstt. Director Town Planning		Member.	6.	Competent authority of acquiring body		Member	7.	Concerned Dy. Collector(Land acquisition)	..	Member	Step no. 9 to 12 requires 3 Months
1.	Distt Collector	..	President.																											
2.	Superintending Engineer Irrigation	..	Member																											
3.	Supdt. Engineer P.W.D.		Member.																											
4.	Distt. Govt. Pleader	..	Member.																											
5.	Asstt. Director Town Planning		Member.																											
6.	Competent authority of acquiring body		Member																											
7.	Concerned Dy. Collector(Land acquisition)	..	Member																											
Step 11	<p>SDO office finalizes the amount of compensation to be paid to the Land owner based on the Land rates finalized by District committee and valuation of trees, structures etc. as advised by concern officials. <u>The amount of compensation is calculated by SDO office as per the provision of Article no. 26 to 30 of land acquisition act 2013 &amp; Schedule I. Including other related features.</u> Then <b>25% amount is added on the above calculated compensation</b> for giving consent for Direct Purchase Method.</p>	Step no. 9 to 12 requires 3 Months																												
Step 12	<p>Legal search of ownership of the Land is being done through authorized advocate and Government pleader. After ascertaining ownership of the Land, concern SDO publish notice in the local newspapers giving details of Land to be acquired with names of the Land owners.</p>																													
Step 13	Meeting is conducted with the Land owners by the concern SDO and																													

Sr.no	Process of Land acquisition by direct negotiation	Time taken
	informed them the area of Land to be acquired and amount of compensation being paid. The consent of the Land owner is obtained for the purchase of the Land, if he agrees for the compensation.	3 Months
Step 14	Sale deed is executed for purchase of Land once Land owner gives consent for sale of Land for the project by paying compensation through RTGS/electronic fund transfer and possession of the Land is taken from Land owner.	
Step 15	Mutation of sale deed/purchase of Land that is transferring the ownership of the Land in the name of acquiring body is done in government Land record.	

Brief translation of Government of Maharashtra Revenue & Forest Department Govt. Decision No.SANKIRNA-03/2015/Para.Kra.34/A-2 Dated 12th May 2015 is enclosed as annexure 1.

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Regarding Acquisition of Private Land for Irrigation and other Projects by negotiation through direct purchase method.

Government of Maharashtra  
Revenue & Forest Department  
Govt. Decision No.SANKIRNA-03/2015/Para.Kra.34/A-2  
Dated 12<sup>th</sup> May 2015.

PREAMBLE :-

During discussion regarding District Development Plan in Vidarbha by Hon'ble Chief Minister it was brought to his notice that for irrigation as well as other projects lot of difficulties arises while Acquisition of Land due to which commencement of the project is delayed subsequently the benefits of project to beneficiaries is delayed. The farmers are in confusion to handover land due to difference in compensation payable by New land Acquisition Act of Central Govt., Earlier compensation being paid by State Government and through negotiation by direct purchase method. This is resulting in to delay in Acquisition of land and subsequently delay in start of project work. Considering this and as per directive of Hon'ble Chief Minister, vide Govt. decision, planning deptt., dated 24.12.2014 special committee was constituted under Presidentship of Upper Principal Secretary (Planning). However the body of Committee was partly modified vide Govt. Decision dated 12.2.2015 and the Upper Principal Secretary(Finance) designated as President of Committee and directed to submit the Complete Report within on month. After detailed deliberation in the committee meeting dated 24.3.2015, it has recommended to acquire private land for irrigation & other projects through negotiation by direct purchase method with some principle guidelines since it is not banned as per new land acquisition Act.

Considering the recommendations of committee Govt. is taking decision as under :-  
Govt. Decision (Shasan Nirnay):-

Generally for different projects the private land required is acquired as per the prevailing land Acquisition Act by concerned Land Acquiring institution. However, if the land required by Land Acquiring institution is acquired by direct purchase method instead of acquiring as per Land acquisition act which is not prohibited acquiring through direct purchase method it shall be done considering following directive principle.

(A) Directive Principle

For new Projects:

1. For other than irrigation project while acquiring through direct purchase method shall be acquired for entire project.
2. In case of Irrigation project, For Dam site, submergence Area, Rehabilitation Area & main canals 50% and Distribution canals 50% shall be acquired by direct purchase method.

For incomplete Projects:

1. For other than irrigation project land required for any incomplete project all the balance land can be acquired by direct purchase method instead Land Acquisition Act. But the said land shall be purchased in one stroke instead of in piecemeal.
2. (A) In case of incomplete irrigation project balance land required for Dam site, Submergence Area, Rehabilitation Area, Main canal (50%) and distribution canal (where Land Acquisition process not started) shall be acquired through direct purchase method.
- (B) Where water has been stored and land required for canals only then from the point where water reached to carry further land shall be acquired by direct purchase method.

(B) Distt. level committee for deciding compensation.

1. (A) A committee shall be constituted under the District Collector as president of committee to decide the rate of land being acquired through direct purchase method. The committee shall be constituted as under :

1.	Distt Collector	..	President.
2.	Superintending Engineer Irrigation	..	Member
3.	Supdtt. Engineer P.W.D.	..	Member.
4.	Distt. Govt. Pleader	..	Member.
5.	Asstt. Director Town Planning	..	Member.
6.	Competent authority of acquiring body	..	Member
7.	Concerned Dy. Collector(Land acquisition)	..	Member

1. In addition to this as per requirement for exercising valuation of trees/ fruit trees / forest trees / standing crops, construction & other amenities competent person or specialist of related subject from Agriculture, Forest, gardening etc. shall be included as invitee member.

2. Above mentioned committee before deciding the compensation of land will verify the valuation of land as per land acquisition act in vogue, documentation regarding original owner of land & legal search report of land through Govt. Pleader.

(C) Procedure for deciding compensation.

For Projects while acquiring the land through direct purchase method, the amount of compensation shall be calculated as per the provision of Article no. 26 to 30 of land acquisition act 2013 & Schedule I. Including other related features **then 25% should be added on the above calculated compensation.**

(D) Options to farmers while accepting the compensation.

Following two options shall be offered to farmers while acquiring the land through direct purchase method for a project.

1. Paying complete compensation as calculated vide (C) above at one time.
2. (a) while purchasing land/taking over land 50% amount will be paid at first stage out of whole compensation.
- (b) Remaining balance 50% amount will be paid as annuity.

This Govt. decision is available on the Govt. of Maharashtra Web site. [www.maharashtra.gov.in](http://www.maharashtra.gov.in) and i.d. no.201505121450442919.

this order is issued on digital signature.

Issued as per the Order and in the name of  
Governor of Maharashtra.  
C/- all concerned.

Sd/-  
Subhash Kisanrao Gawande  
Dy. Secretary Maharashtra Govt.

## Assessment of Land acquisition, Resettlement and Rehabilitation of Nagpur Metro Rail Project Phase 1

### I. Introduction

1. Description of the project: The objective of the Nagpur Metro Rail Project (NMRP) Phase 1 is to enhance the transport infrastructure in Nagpur region. The Metro Rail Project offer reliable and affordable mass transport services to the people of Nagpur city. The NMRP Phase 1 is consisted of 38.215 kilometers (km) metro corridor, 37 stations and 2 depots. The entire stretch has been divided into two alignments or corridors, i.e., North-South corridor consisting of 19.658 km (17 stations) and East-West corridor consisting of 18.557 km (19 stations). The salient features of the project are presented in Table 1.

**Table 1: Salient Features of the Phase 1 Project**

Route	Length / Type	Stations
North-South Corridor: Automotive square to MIHAN	15.058 km elevated + 4.6 km at grade	15 nos. (elevated) 3 nos. (at grade)
East-West Corridor: Prajapati Nagar to Lokmanya Nagar	18.557 km elevated	19 nos. (elevated)
<b>Total</b>	<b>38.215 km</b>	<b>37 nos.</b>

### II. Involuntary Resettlement Safeguards

#### A. Involuntary Resettlement Impacts

2. Most part of the metro alignment runs along the central verge of the roads. Hence minimal private land was required for acquisition for the project. The total land required for the NMRP Phase 1 project was 84.64 hectares for the footprint associated with right of way for the viaduct, stations, and depot land. As of December 2022, 84.64 hectare (ha) of land required had been taken under possession by Maha Metro. Out of the total land requirement, only 1.52 ha of private land was acquired affecting 62 titleholders, and 83.12 ha of government land was transferred to the project.

3. There was no residential or commercial structure affected by the project. There was no physical displacement due to the project. The project has not affected the livelihoods of any person as the acquired private land was barren.

#### B. Mitigation Measures

4. In one place along the alignment, the place of small business of some leaseholders were relocated without disrupting their usual business. The place belonged to the Nagpur Municipality Corporation in which the leaseholders were doing small business such as selling pan and other items. These leaseholders were relocated to a nearby place, which was owned by the Nagpur Municipality Corporation. In the new place, the project developed the land and provided basic facilities such as toilet and drinking water. The leaseholders were satisfied in the relocated place due to the better infrastructure and availability of basic amenities.

#### C. The Legal Framework

5. The legal framework and principles adopted to address the resettlement issues of the Phase 2 project are guided by the existing legislation and policies of the Government of India, the Government of Maharashtra. The applicable guidelines and orders of Government of

Maharashtra included Revenue and Forest Department of Maharashtra Government Resolution No: Misc.-03/2015/C.N.34/A-2 on 12 May 2015 and 30 September 2015 and 25 January 2017 in the context of acquiring land of private sector by method of direct purchase through private negotiations for irrigation and other projects.

6. In NMRP Phase 1 project, the private land acquisition was guided by the relevant Maharashtra Government orders (Revenue and Forest Department of Maharashtra Government issued Government Resolution No. on 12 May 2015 and 30 September 2015 and 25 January 2017).

7. The land acquisition process was through negotiated settlement and based on the consent of the affected landowner. All the affected landowner agreed to the direct purchase method as the payment of compensation was higher than the compensation amount under the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (RFCTLARRA). Hence all the private land were acquired through negotiated settlement without any difficulty.

8. The land acquisition process adopted under the direct purchase method has detailed procedure to ensure transparency and clarity, as follows:

- i. demarcation of private land; verification of land by the land cell of NMRP;
- ii. issuing notices to the affected landowner to obtain the consent for acquisition of land by method of direct purchase;
- iii. receiving of consent of land owner to acquire the land by method of direct purchase;
- iv. preparation of detailed land acquisition proposal and submission to collector for fixing compensation of land acquisition;
- v. formation of district level committee under the chairmanship of collector for fixing the amount of compensation of the land to be acquired under direct purchase;
- vi. valuation of structure, tree, and crop by the relevant department;
- vii. issuing public notice and inviting any objections;
- viii. scrutiny by the committee of MMRCL;
- ix. approval of compensation and process for execution of sale deed; and
- x. handing over compensation cheque to affected land owner during the execution of the sale deed.

#### **D. Estimation and Payment of Compensation**

9. As per the procedure laid out in the Maharashtra Government Resolution No: Misc.-03/2015/C.N.34/A-2 on 12 May 2015 for land acquisition by method of direct purchase, the district level committee constituted under the chairmanship of collector decided the market rate of land compensation. A solatium of 100% is added to the market rate of land. Maha Metro provided additional 25% of the 200% compensation amount. The additional 25% compensation amount accounted for the resettlement and rehabilitation compensation, cost of transportation, and subsistence allowance etc. In addition to this, valuation of trees/ fruit trees/standing crops were done by the concerned officials of horticulture/agriculture department and accounted for the total compensation amount.

10. Direct purchase method ensured that the private land owners are negotiated directly for purchase of land by giving them an amount amicably accepted by the affected household, which is 250% of the market value. In the process, the concerned land owner received better compensation for the affected land (25% more compensation than the compensation amount of RFCTLARRA). The compensation amount included cost of land, solatium, value of assets attached to the land, one-time resettlement and rehabilitation compensation, cost of transportation, subsistence allowance and compensation for loss of livelihood etc. The stamp duty or any other transaction charge, if any, were borne by the project. The total compensation

amount was provided to the affected land owner through cheque.

#### **E. Institutional Arrangements**

11. Maha Metro has a dedicated land cell for the implementation of land acquisition and resettlement and rehabilitation (LARR). The deputy general manager (Land and R&R) and his team are responsible for ensuring land acquisition for the project, and timely disbursement of compensation amounts. Land team along with concerned chief project manager (CPM), Maha-Metro coordinated with relevant government authorities for identification of relocation sites, development, and implementation of relocation plan etc. The assistant manager (Land and R&R) supported the deputy general managers in the land acquisition for the project and implementation of resettlement and rehabilitation.

12. The land cell of Maha Metro was responsible in various activities for land acquisition by method of direct purchase. The key tasks included:

- i. visit of the land site to be acquired for verification;
- ii. sending notices to the affected persons to obtain the consent for acquisition of land by method of direct purchase;
- iii. prepare detailed land acquisition proposal for submission to the district collector;
- iv. compilation of necessary documents for execution of sale deed; and
- v. distribution of compensation cheque to the affected land owner.

13. The land cell did not face any major challenge for the acquisition of private land as consultations were done with the land owners before the process of land acquisition. Also, the land owners were happy with better compensation amount.

#### **F. Consultation and Information Disclosure Conducted**

14. About 175 stakeholder engagement programs (*Metro Samvad*) were organized along the metro alignment. Awareness programs were organized for students to disseminate the information about the project.

15. Consultations were conducted with the affected landowner before and during the land acquisition through direct purchase method. The consent of the affected landowners was taken during the consultation for acquisition of land by method of direct purchase.

#### **G. Monitoring Arrangement**

16. The monitoring is a continuous process and carried out by concerned CPM of concerned reach in consultation with Land Department of Maha Metro. The execution team and land team of NMRP Phase 1 regularly monitored the resettlement and rehabilitation site for effective implementation of the work.

#### **H. Grievance Mechanism**

17. In the Phase 1 project, various mechanisms were in place to redress the grievances of project affected person and the public. At the site level, the grievances were first received by the site engineers of the contractor. Most of these grievances were minor in nature and resolved by the site engineers. In case it was not resolved by the site engineers, they approached the resident engineer of the general consultant for redressal. In case of non-redressal, the help of CPM was sought to redress the grievance. For specific complaints related to land, the concerned officials of land department of Maha Metro were responsible to redress the grievances.

18. A public grievance officer (Sr. Deputy General Manager) was responsible to address the concerns and grievances of the public. The online complaints and grievances received at the Maha Metro office were addressed by the public grievance officer. There is no pending grievances in the Phase 1 project.

### **III. Conclusion and Recommendations**

19. Phase 1 land acquisition was conducted through negotiated settlement where compensation through direct purchase method was applied. Affected households had received higher compensation than they would have received the LARR Act 2013. They were satisfied with the process of land acquisition as it was transparent and clear. Also, the process was less cumbersome and was completed under a shorter timeline when compared to the process under the LARR Act 2013. Due to the land acquisition through direct purchase method, Maha Metro was able to complete the Phase 1 project on time. There are no outstanding grievances with respect to land acquisition and resettlement under Phase 1. To enhance the LARR process under Phase 2, Maha Metro will engage a third party monitor for negotiated settlements.