INDIA: THIRD TAMIL NADU URBAN DEVELOPMENT PROJECT

Traffic and Transportation Schemes

RESETTLEMENT IMPLEMENTATION PLAN

for

Karanodai Minjur Road

(Km 0/0 – Km 16/4)

HIGHWAYS DEPARTMENT

&

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY

Government of Tamil Nadu

May 2008

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Executive Summary

The magnitude of land acquisition and resettlement in this project include- private land acquisition of 17.41 hectares belonging to 404 Land owners, 0.41 hectares of temple land belonging to 5 owners and transfer of 2.82 hectares of government land and resettlement impacts include displacement of 57 families and loss of livelihood for 11 Families. There are

minor impacts to 48 families who require only payment of cash assistance for loss of their minor assets. In addition 1 temple needs to be relocated.

- a) Government of Tamil Nadu (GoTN) is implementing the World Bank aided third Tamil Nadu Urban Development program (TNUDP –III) with a view to improve the delivery of urban services. The Tamil Nadu Urban Infrastructure Financial Services Limited (TNUIFSL) are the fund managers. Under this program, CMDA has taken up the improvement in the **traffic and transportation** sector within Chennai metropolitan area. The improvement schemes include:
- -- widening and strengthening of roads to the length of about 150 kms, construction of road over-bridges at 7 locations, road under-bridges at 2 locations, grade separators, and pedestrian subways at 3 locations. These sub- projects will be implemented by the Highways Department (HD), GoTN.
- b) This report presents the details of the proposed interventions for the widening and strengthening of "Karanodai Minjur Road (Km 0/0- Km 16/4)" from the existing single lane to two lane carriageway including the environmental and social Impact assessment. The project road falls under the Ponneri sub division (Highway Department), takes off from Old NH5 road at km 24/800 (km 0/000 of the project road) and ends at km 15/100 on TPP Road (km 16/400 of Project Road). Total length of the project road is 16.4kms.
- c) PIU/PMU/CMDA will adopt the Environmental and Social Framework (ESF) of TNUIFSL as approved by GoTN, in all projects funded under the World Bank assisted Tamil Nadu Urban Development Project III (TNUDP-III). Detailed procedures for Resettlement and Rehabilitation are given in Resettlement Action Plan (RAP), evolved as a common document for the TNUDP-III projects. These policy provisions will be applied to mitigate possible impacts due to land acquisition and resettlement.
- d) This Rehabilitation Implementation Plan (RIP) has been formed as the subproject specific document. This sub project falls under S1 category (as per norms specified in Environmental and Social Framework (ESF) of World Bank. The number of project-affected Families (PAFs) in this sub-project is 520 with 1898 PAPs. There is one small religious structure(temple) to be relocated. The details are given in **Annexure-R4** of this document. The entire programme is planned to be implemented over a period of 6 months.
- e) Public consultation meeting was conducted by ADE (H) Ponneri, HD. on 24.06.2006 at 10.00 a.m. in the Panchayat Union Primary School at Nerkundram and also in Panchayat Union Primary School at Basuvanpalayam at 12.Noon. The ADE (H) briefed the audience about the proposed project and explained the purpose of conducting the public consultation

and sought their suggestions. The attendance sheet of the Public consultation is given in **Annexure R-6**

The detailed Public disclosure was done in a meeting convened by the PIU for the purpose. The detailed public disclosure meeting was held on 18.05.07 at the same two locations, where the public consultation meetings were completed during June 2006. Sufficient advance information about the public disclosure meeting was given to the PAFs in writing by circulating the necessary letters. About 80 PAFs representing both the locations attended the meeting. The DE(H), PIU briefed the PAFs, the proposed project and explained the purpose of conducting the public disclosure meeting. The Resettlement Implementation Plan with the compensation particulars were disclosed and read out in the meeting. Also the entitlement framework was clearly displayed in the notice board at the two venues. Minutes of the Public disclosure along with the attendance sheet is given in **Annexure R-7**.

The key implementation activities are shown in the 'Gantt Chart' given in **AnnexureR-9**. The estimated total project cost is Rs.550.94 millions. The RIP cost is Rs 168.14 millions.

CHAPTER 1

Background

1.1 Government of Tamil Nadu (GoTN) is implementing the World Bank aided third Tamil Nadu Urban Development project (TNUDP –III) with a view to improve the delivery of urban services. The Tamil nadu Urban Infrastructure Financial Services Limited (TNUIFSL) are the fund managers. Improvement in the traffic and transportation sector with in Chennai metropolitan area is covered under the above program.

Under this component, CMDA has taken up, Traffic and Transportation improvement schemes include :

- -- widening and strengthening of roads to the length of about 150 kms, construction of road over-bridges at 7 locations, road under-bridges at 2 locations, grade separators at 3 locations, and pedestrian subways at 3 locations. These sub- projects will be implemented by Highways Department (HD), GoTN.
- 1.2 In order to ensure environmentally and socially responsive development of the above schemes, an Environmental and Social Framework (ESF) as developed by TNUIFSL has been laid out by Go TN for adoption in TNUDP III projects. ESF contains the policy principles, eligibility criteria, entitlement framework, grievance redress mechanism and arrangement for monitoring and evaluation. The copy of ESF is available on the website http://www.tnudf.com/ESF%20Final%20GO%20Ver.pdf and http://www.cmdatnudp.org

Environmental Assessment and Social management plan are intended to provide inputs to project design by identifying the environmental and social issues early in the project preparation so that measures to mitigate these issues and opportunities for environmental enhancements and Social safeguard measures can be identified and integrated.

Resettlement Policy Framework

- 1.3 The Social Safeguard and Entitlement Framework of TNUIFSL aims at avoiding or minimising displacement and where displacement is unavoidable, affected people, irrespective of their legal status, to be
- (a) compensated for their loss at full replacement cost,
- (b) Assisted in the move and supported during the transition period, and
- (c) assisted in their efforts to improve their former living standards, income earning capacity and production levels, or at least to restore them.
- 1.4 The project level Rehabilitation and Resettlement Action plan (RAP) provides the procedure for Implementation of Social safeguard measures. The Social Safeguard

Entitlement Framework(SSEF), described in detail in Resettlement Action Plan, confirms to the social safeguard policy on involuntary resettlement (OP 4.12) of The World Bank. The Entitlement matrix is provided in **Appendix I**. This is available in the office of the Project Management Unit, Chennai Metropolitan Development Authority (CMDA), Egmore, Chennai – 8, office of the Chief Engineer (H&RW), Chennai – 5 /Project Implementation Unit and is also available on the website http://www.cmdatnudp.org

Land acquisition and R&R measures

1.5 Land acquisition and R&R measures will be adopted in line with the provisions given in ESF and RAP. The Social Safeguard Entitlement matrix is detailed in ESF and extracts are provided in **Appendix I** enclosed . This is available in the office of the Project Management Unit, Chennai Metropolitan Development Authority (CMDA), Egmore, Chennai – 8, office of the Chief Engineer (HD), Chepauk, Chennai – 5 / Project Implementation Unit and it is also available on the website.

An abstract is given below for ready reference.

1.5.1 Procedure for land acquisition:

- Where possible and permitted by regulations, the required land will be acquired by implementing agencies through direct purchase based on 'willing buyer willing seller' principle, as the first option. Negotiations for direct purchase would be carried in a public place and in transparent manner. All proceedings will be documented and final agreement would be signed by the negotiating parties.
- Where direct purchase by implementing agencies is not materialized, negotiated settlement can be reached through the provisions of the TN Highway Act 2001, Clause 19(2), i.e. through the GoTN designated authorities (district collectors or specific authority to be authorized for the sub project) for that purpose, in respect of sub projects for Transportation Component.
- iii Where negotiated settlement under the procedures specified under (ii) above is not possible, and for other urban projects, required land for the sub-projects would be acquired following the provisions of the LA Act (Emergency clause will not be applied) and the ESF.
- iv The negotiated amount will be paid within three months from the date of final agreement of the negotiated settlement by the negotiating parties. Interest @12% p.a. will be added for any delay exceeding three months in payment of compensation.
- v In case of payment of compensation under the TN Highway Act or Land Acquisition Act, all other additional assistance described in the entitlement matrix will be available.

1.5.2 Compensation for Land:

Compensation to land will be paid by the state government at replacement cost to all titleholders from whom land will be acquired for the project as per the below procedures.

Quantum of compensation: Chennai Metropolitan Area (CMA)

- (a) Under private negotiations the quantum of compensation will be "higher of 142% Guideline value or registered sale price of similar data land in the vicinity as minimum and 150% as maximum compensation amount for negotiations". In addition, 9% or any amount that is prevailing at the time of negotiations will be paid towards likely costs of stamp duty and registration charges of the acquired property;
- (b) If the guidelines values are not updated upto the current financial year in which the negotiations are taking place with the land owners, then they will be updated @7% p.a. on compounding basis upto the current financial year. Similarly, if the sale deeds registered are not available for the one year prior to the date of negotiations, they will be updated @ 7% p.a. compounding basis;
- (c) For the purpose of negotiations, if the registered sale values are above 30% of the guideline values, then 130% of guideline value will be considered as the base registered sale price for the purpose of negotiations; and,
- (d) The compensation amount will be made available to the land owners both under private negotiations and TN Highway Act prior to taking over of the affected properties;

Resettlement Implementation Plan

1.6 While the above Project Level Resettlement Action Plan (February 2007) contain the policy provisions, entitlement for different impact categories, institutional arrangements, grievance redress mechanism, M&E process, etc. this RIP / report presents the details of the proposed Resettlement and rehabilitation Implementation plan (RIP) / interventions for the specific sub-project ,viz., widening and strengthening of "Minjur Karanodai Road (Km 0/0- Km 16/4)" from the existing single lane to two lane carriageway including the environmental and social Impact assessment.

Description of the sub-Project

- 1.7 The project road falls under the Ponneri sub division (Highway Department), takes off from Old NH5 road at km 24/800 (km0/000 of the project road) and ends at km 15/100 on TPP Road (km 16/400 of Project Road). Total length of the project road is 16.4kms. It is proposed to widen the existing single lane road to standard two lane carriageway including the up gradation of the missing connectivity between the Seemavaram and Minjur by constructing a major bridge across across Korattalaiyar River. Key map of the Project Road is given in **Figure 1.1.** The estimated total project cost is Rs. 550.94 millions.
- 1.8 The project road traverses through the plain terrain for the entire length and the soil characteristics along the project road is predominantly sand clay in nature. The predominant land use along the project road is mainly residential for the initial 2 kms section and agricultural for the remaining sections upto Minjur at the other end of the project road except

very few settlements of Sothuperumbedu, Nerkundram, Kanniampalayam, Basuvanpalayam, and Seemavaram.

1.9 This RIP covers the sub-project specific impacts, baseline socio-economic characteristics, outcome of consultations and implementation arrangements including time table and budgets. The objective of this RIP is to ensure that affected persons received the compensation and assistance prior to their moving and such assistance will enable them to improve or retain their living standards.

Minimising Resettlement

1.10 Considering the importance of the project, careful planning was made to various components of the road and associated utilities, which affect the safety and operation of the roads. The proposed improvements are aimed at easing traffic congestion; improving the road safety and reducing the accident, improving physical characteristics of the road, which includes road geometry, pavement strength, and drainage; and enhancing the aesthetic. Considering traffic, pavement type and soil characteristics, the entire 16.4 km long section was taken as a single homogeneous section for the design and preparation of the estimates. Traffic warrants the up-gradation of the existing single lane road into standard two lane road. Hence, it is proposed to widen the project road in to two lane carriageway.

Accordingly, at two built up locations, where ROW is limited, 9.5m formation width is adopted, which includes 7.5m wide carriageway, 1.0m wide foot path cum covered drain on either side and at the remaining built up locations ROW of 20m which includes 7.0m wide carriageway, 1.50m wide paved shoulder and 1.0m wide foot path cum covered drain on either side is provided. At non-built up locations the ROW of 20m which includes 7.0m wide carriageway with 1.5m wide paved shoulder and 1.0m wide gravel shoulders on either side including provision for berms and earthen drains is adopted.



Figure 1.1 Key map of the Project Road

Land acquisition and R&R impacts

1.11 The project involves acquisition of 17.41 hectares of private land for additional RoW including Bypass, realignments and for junctions. The land acquisition schedule is given in **Annexure R-5**.

R&R Impacts

1.12 This acquisition causes major impact to 202 title owners & 23 squatters, and minor impacts to 284 owners, 9 squatters and 2 encroachers. The total number of project-affected families (PAFs) is 520 and PAPs are 1898. The number of PAFs categorised by the severity of impact as identified during the baseline socio-economic survey is given below. The land acquisition schedule is given in **Table 1.1.** There are only 822 PAPs with major impacts out of the total PAPs of 1898 nos. This sub project falls under S1 category as per norms specified in Environmental and Social Framework (ESF) of World Bank.

Though 57 PAHs are major impacted (more than 20%), RIP does not provide any resettlement measures since this sub project falls in rural area and most of the PAPs can shift their dwelling on the rear side in the existing vacant site. Further these PAHs are spread along the entire alignment of 16.4 kms and not contigous.

A summary of PAFs are provided as **Appendix II** to this document for reference.

1.13 The structures used by the community will be relocated by the respective line department and it will be coordinated by the Divisional Engineer (Highways) concerned. The relocation of community structures will be reviewed by the Project Engineer during the regular review meetings of the PIU and it will be ensured that all community structures and utilities as shown in **Table 1.2** are relocated prior to commencement of civil works. In this project one religious structure is affected. The new place for the relocation of affected Selliamman temple at Km 9/700 would be identified by the concerned authority at the time of project implementation. Consent letters from the concerned authorities and FMB sketches for the minor alteration of worship places and relocation is given under **AnnexureR-4** of this report. Tamil version of the consent letter is given under **Annexure R-4A** of this report.

Table 1.1 Project affected household by category

Impact	Nu	mber	Entitlements	Remarks	Nature of Impact	
category	PAFs	PAPs				
Major Social Impacts Title Holder	202	738	 (a) Replacement cost for land (b) Replacement cost for structure (c) Rehabilitation grant (d) Building allowance @ 25% of 	Of the 202 PAHs who are title holders, 157 PAHs who own only land are entitled for (a), (c), (d)and (e). The other 34 PAHs who own residential structure are eligible for(a), (b), (d), (e) and (f)	More than 20% of Land More than 20% of Residential structure More than 20% of	
Non-title Holder	23	84	cash compensation (e) Shifting allowance (f) Maintenance allowance for 6 months (g) Cash grant equivalent to 365 days of minimum wages (h) Right to salvage Material	The other 11 PAHs who own commercial structure are eligible for(a), (b), (d), (e), (f) and (g) 23 PAHs who are squatters entitled for (b),(d),(e) and (f)	Commercial structure More than 20% of Residential structure	
Minor Social Impacts Title Holder	284	1036	(i) Replacement cost for land (j) Replacement cost for affected portion of the structure (k) Repair cost for restoration of remaining structure (l) Transitional allowance equivalent to two months	Of 284 PAHs, 247 PAHs who are title holders of only land are entitled for (h), only. The 30 PAHs who own residential structure are entitled for (h),(i) and (j) only. 7 PAH who own commercial structure is entitled for (h), (i) and (j) only.	Less than 20% of land Less than 20% of Residential structure Less than 20% of Commercial structure	
Non-title Holder	9	33	(the details of entitlements are available in Appendix I)	9 PAHs who are squatters are entitled for (i) and (j)	Less than 20% of Commercial structure	
Encroachers	2	7	, ,	The rest 2 encroachers have right to salvage the material		
Total	520	1898				

Table 1.2 Project-affected Community Structures

Categorisation	Overall	
Well	0	
Water supply tap	0	1.14
Place of worship(fully)	1	proje
Total	1	proje

project involves acquisition of

The

17.41 hectares of private land and 2.82 hectares of government land. The private land is being acquired from 404 owners. Apart from this, 0.41 hectares of temple land is to be acquired and details of land acquisition is shown in **Table 1.3**

Table 1.3 Land to be acquired

	Project Component	Total
Project Component		(in hectares)
•	Private Land	17.41
•	Govt Land	2.82
-	Temple Land	0.41
	Total	20.64

1.15 The village wise break up summary for the acquisition of 0.41 hectares (4088.36 sq.m) of temple land is shown in **Table 1.4** which is also included in **Annexure R-2**. The temple land at S.No. 139/1, 139/2 and 144 of Minjur Village comes under HR&CE and PIU will write to HR&CE for getting NOC. However a provision has been made for land acquisition compensation.

Table 1.4 Details of Temple Land to be acquired

SI. No	Chainage Km/m	Village Name	Side	Land Survey No.	Owner name	Acquisitio n Area (Sq.m)	Impact
1	4/230	Nerkundram	LHS	88/1	Shivan Koil	1.81	Land
2	8/795	Nayar	RHS	138/2	Selliamman Temple	121.80	Bldg.(fully)
3	13/035	Minjur	LHS	139/1, 139/2	Arulmigu Sannathi Vinayagar koil	3843.84	Land
4	13/150	Minjur	LHS	144	Arulmigu Andal Swamy koil	120.91	Land
		Total				4088.36	

CHAPTER 2

Socio Economic Characteristics of PAPs

2.1 A baseline socio-economic survey was undertaken during 17th, 18th, 19th and 20th of January 2006 and the details are given in **Annexure R-1** and the key socio economic indicators are given in **Table 2.1**.

Since the Land owners(404 PAFs) could not be traced and identified at the time of survey, the PAFs of Residential and Commercial structures(116 PAFs)were surveyed and the details are given below. The profile of the 116 PAFs along with their photo is given in **Appendix II.**

Methodology Adopted

- 2.2 The baseline social survey was undertaken to survey the assets that are affected due to the proposed widening. Structures identified were photographed and a household record comprising the following information was prepared.:
- Identification of household (Name of the Head of Household, Highways km, Location of structure (left or right of the road), administrative jurisdiction).
- Details of private asset affected with plinth dimension inside and outside Corridor of Impact (CoI)
- Household particulars (religion, social group)
- Details of household members (names of family members, sex, age, education, occupation)
- Income details
- Building / structure details (ownership, use, offset distance from existing centreline, roof and wall material)
- Other affected assets (boundary wall, well)
- Details of affected agricultural land (extent, type, irrigation)
- Business activity (nature, employee details)
- Distance from essential services

Key baseline characteristics

Head of the Project-affected household by Sex

2.3 It is found that 88.8% of the project-affected households (PAHs) are headed by men and the remaining 11.2% are women-headed households as given in **Table 1** under **Annexure R-1**.

Age group of the Project Affected Persons

2.4 It is found that 16.04% of the project affected person fall in the age group of under 15 years, 19.34% of the project affected person fall in the age group of 15 to 24 years, 35.85% of the project affected person fall in the age group of 25 to 40 years and 22.41% of them fall in the age group of 40 to 60 years and only 6.47 % of the people are more than 60 years as given in **Table 2** under **Annexure R-1**.

Household Size

Among the Project affected families, 42.24 % of them have less than 3 members, 28.45% of them have 4 family members, 13.79 % of them have 5 members and 13.79% have 6 to 7 members. Only 2% of them have more than 8 family members as given in **Table 3** under **Annexure R-1**.

Religion

2.6 Among the project affected families, hindus constitute 99% and christians constitute 1% of them as given in **Table 4** under **Annexure R-1**.

Social strata of the PAPs

2.7 Majority to 46.55% of the affected family belong to Backward class and 18.10% of them belong to Most backward class. 8.62 % of the PAPs are from forward class and 27% of them are from the Scheduled Caste Category and none of them fall in Schedule tribe category as given in **Table 5** under **Annexure R-1**.

Literacy level of the PAPs by Sex (>6 age group)

Among the Project affected Persons about 71% are Literates and 29% are illiterates. About 5 % of the PAPs are under 6 years age group category. Among the male, 80% of them are literate and 20% of them are illiterate. When compared with male literates, the female literates are less i.e., 62% and illiterates are more i.e., 38% as given in **Table 6** under **Annexure R-1**.

Education level by Sex of PAPs

Among the PAPs, 24.7% have undergone primary education, 23.7% have undergone middle school education and 30.8% of them have undergone high school studies. When education level is compared between male and female, it is less among the male. It is inferred that 14% of the male have only primary school education whereas 19% of the female have undergone primary school education. However high school education is less in female(20%) than male(24%). It is also inferred that higher secondary education and college education is very minimum among the PAPs as given in **Table 7** under **Annexure R-1**.

Main activity of the PAPs

2.10 Among the PAPs, 4.42% of them are working as agricultural labour and 20.52% of them are working as casual labour in small industries. 2% are private sector salaried and 1.56% of them are in other work force and to the minimum of around 0.26% are working in public sector companies. It is inferred that majority to 64% of them are not in work force as given in **Table 8** under **Annexure R-1**.

Income of the PAHs

2.11 Since majority of the PAPs are not in workforce and rest are working as a casual labour and as agricultural labour their earning is less than Rs.2000 per month. Nearly 0.74% of them earn more than Rs.3000 per month and only 3% of them earn Rs.4000 per month as given in **Table 9** under **Annexure R-1**.

Type of structure and tenure

2.12 It was inferred during analysis that majority to 33.6% of the structures are temporary, 26.7% are semi permanent and 25% are permanent structures. For the 14.70% of the structures only compound wall, shelter and well are affected. Among the PAPS, 71% of them are owners, 27% of them are squatters and 2% of them are Encroachers as given in **Table 10 & 11** under **Annexure R-1**.

Period of Occupancy

2.13 Majority 85% of them reside for more than 5 years and rest 15% reside for less than 5 years as given in **Table 13** under **Annexure R-1**.

Assets by offset distance from centreline

2.14 The offset distance from the existing road center line to the property edge of the PAPs varies. Majority (52.6%) of the properties lie at the distance of 3m to 4m from the centre line. 38% of them lie at the distance of 5m and only 6% of the PAPs property lie at the distance less than 3m as given in **Table 14** under **Annexure R-1**.

Perceived benefits of the project

2.15 The most important benefit cited by the PAPs was Better transport system and connectivity to the major towns. The next benefit cited was reduced travel cost and reduced travel time. Very few people have perceived about the appreciation of property value and increase in customers.

Key socio-economic indicators

Table:2.1 Key Socio-economic Indicators

S.N	Indicator Unit Value/Figure				
	mulcator	Offic	value/Figure		
o a)	Income (N =116)				
1	Monthly family income	Average	2150		
2	No. of earners	Average	1.19		
b)	Occupation (N =116)				
3	Business establishment	%	19.14		
4	Casual Labourers	%	34.67		
5	Agricultural labour	%	33.76		
6	Salaried	%	8.66		
7	Cultivators	%	3.77		
c)	Housing (N =116)				
8	Permanent	%	11.65		
9	Semi-permanent	%	20.39		
10	Temporary Houses	%	34.95		
d)	Demographic Details (N =116)				
11	Family size	Average	2.75		
12	Women headed household	%	47.66		
e)	Standard of Living (N =116)				
13	Having separate kitchen	%	20.75		
14	Having separate toilet	%	20.75		
15	Having separate bath	%	20.75		
16	Houses electrified	%	99.05		
17	Piped drinking water	%	100		
	Material Assets(N = 116)				
18	Proportion of households having mixer	%	65		
19	Proportion of households having grinder	%	60		
20	Proportion of households having BW/Colour	%	75		
	Television		-		
21	Proportion of households having mobile phone	%	50		
22	Proportion of households having two wheelers	%	30		

Consultation and Participation Process

- 2.16 Strengthening and widening of "Karanodai Minjur" road provides both opportunities and threats for the resident villagers and the people associated with the villages. To identify the opportunities and the adverse effects, discussions and interviews were conducted with various stakeholders along the road. The stakeholders involved were
 - Resident villagers.
 - Project affected people
 - Head Master and Teacher of Government school.
 - Lorry drivers.
- 2.17 Various aspects regarding the opportunities and threats were discussed with the stakeholders and the abstract of the discussion is presented below.

The participants conveyed their happiness and promised their co-operation for the project. The following view points are expected and highlighted by the resident villages during discussion.

- Increased business opportunities.
- Increased bus trips.
- Increased Land prices
- Easier connectivity to Nayar, Karanodai and Minjur.

However, the villagers also anticipated the following threats.

- Increased traffic posing accident hazards.
- Increased noise pollution due to movement of trucks from brick kilns.

Discussion with Project Affected People (PAP's)

- 2.18 The views of the project-affected people were noted during the questionnaire survey
 - Fear of Non Compensation
 - Losing livelihood and employment opportunity
 - · Inability to search for a new land
 - Poor economy to construct a new house.

However, after explaining the compensation plan, the PAP's were satisfied and ready to relocate from the existing locations only if suitable compensation is paid. The PAP's also realised the opportunities that the project would provide them and were happy that their fellow villagers would be getting immensely benefited by the project.

- 2.19 The following problems were faced by the school children and teachers with the existing road and facilities.
 - Narrow road, posing accident hazards.
 - · Very less frequency of bus facility
 - Absence of speed breakers near the school
 - · Prolonged waiting time for the bus
 - Unsafe situation for pedestrian students

The following opportunities were anticipated and foreseen by the teachers and students.

- Increased MTC bus facility and better mobility for the students and teachers.
- Better signage's reducing accident hazards.
- Safe pedestrian movement
- Increased business opportunities for the villagers.
- Probability of students taking up for higher education due to the enhanced mobility.

The participants raised their concerns of increased noise pollution during the construction phase and the operation phase of the project. However, the principal realized that it would be only a minor problem and could be solved with better traffic plans.

Discussion with Lorry Drivers.

2.20 Regarding the problems the drivers were facing and the opportunities and threat the proposed project would pose were discussed.

Following are the problems they are facing with the existing road.

- Uneven road surface
- Longer travel time
- Existing Single lane posing threats of accident
- Poor geometrics & Non standard curves posing threats for accident.

The following opportunities were anticipated from the proposed widening and strengthening of the project road.

- Faster travel time (anticipated that the travel time with reduce by half)
- Better connectivity with the TPP Road
- · Improved business opportunity
- · Improved service delivery

However, the drivers are happy about their business if the proposed upgradation takes place in shorter time with the option of Karanodai bypass.

Public Consultation

2.21 On completion of Socio-Economic Survey, focussed group discussions along the project road and after identifying the number of families being affected, the public consultation meeting was conducted in two places since the length of the road is 16.4 kms. Public consultation was held on 24.06.2006 at 10.00 a.m. in the Panchayat Union Primary School in Nerkundram and also in Panchayat Union Primary School in Basuvanpalayam at 12.Noon. The meeting was conducted by ADE (H) Ponneri, HD. The participants included Project Affected Persons (PAPs) covered under the survey, village heads and interested general public. The ADE (H) briefed the audience about the proposed project and explained the purpose of conducting the public consultation. With this background, the following issues were taken up for discussion and public opinion on these issues was sought.

Issues raised

- 2.22 The Socio-Economic issues such as Land Acquisition and the benefits from the project were brought up for discussion.
 - The people expressed their doubt that whether the would be given compensation for the land acquisition
 - They insisted that poromboke (Govt) land should be made use of and acquired first for the proposed upgradation works
 - The Public from Nerkundram village raised the issue on the expected container traffic and heavy vehicle traffic would be more and there would a threat for the public safety once the proposed project is implemented.
 - The Public expressed their fear on the safety of the school students located along the project road due to the proposed upgradation.
 - The Public expressed about their concern for the temples located along the project corridor
 - Public raised their doubt about compensation for the bore wells that would get affected due to the proposed realignment that passes through the fields
 - The Public asked about whether the shifting of utilities would be taken care in this
 project
 - PAPs were apprehensive about the compensation they would be given by the Government. They expressed their views that compensation should be fair and should be disbursed in time.
 - The Public insisted on disclosure of alignment drawing.
 - Villagers expressed their acceptance for the relocation of the temple

 Villagers expressed their happiness and welcomed the initiative of Highways Department for having conducted the Stake holder meeting to express their suggestions and opinions.

Mitigation Measures

2.23 Social Management Plan adequately addresses the benefits to be extended to the Project Affected Persons and has an inbuilt clause that compensation disbursement and benefits are to be disbursed to the PAPs before commencement of civil works

Taking into consideration of the views that were expressed during the public consultation adequate provision is given in the proposed project.

- Care was taken while fixing the alignment to use the government land as far as
 possible and only wherever it is required and when it is unavoidable acquisition
 of patta land is envisaged.
- Compensation for the affected structures is worked out as per the Entitlement Framework constituted for the TNUDP-III projects.
- HD assured that ultimate care has been taken in designing the road and safety measures are adopted including provision of sign boards and speed breakers.
- HD assured that compensation for commercial structure is according to the extent of damage and the prevailing policies.
- Necessary provision is made in the estimate for the shifting of the utilities like busbays with shelter, transformers, electric pole, pump houses and hand pumps
- HD assured that the acquisition particulars will be available at the ADE, Highways, Ponneri and a copy of the same will be provided to the village Panchayat offices. Assurance was also given that all the eligible PAPs will be suitably compensated.





Snap shots of the Public Consultation at Nerkundram and Basuvanpalayam

Detailed Disclosure:

2.24 The detailed and specific public disclosure was done in a meeting convened by the PIU for the purpose. The detailed public disclosure meeting was held on 18.05.07at the same two locations, where the public consultation meetings were completed during June 2006. Sufficient advance information about the public disclosure meeting was given to the PAFs in writing by circulating the necessary letters. About 80 PAFs attended representing PAFs at both the locations viz., Nerkundram and Basuvanpalayam.

The DE(H), PIU briefed the PAFs, the proposed project and explained the purpose of conducting the public disclosure meeting. Resettlement Implementation Plan for this road with compensation particulars were disclosed and read out in the meeting. Also the entitlement framework was clearly displayed in the notice board at the two venues. Minutes of the Public disclosure along with the photos and Attendance sheet is enclosed as Annexure 7 of this document.

The sub-project specific RIP will be disclosed in the websites of the CMDA: www.cmdatnudp.org. for information of general public and other stake holders. The detailed project report will be made accessible at the Public Information Centre at offices of Project Engineer (PIU, Highways), Chennai and PMU at CMDA, Chennai.

CHAPTER 3

Implementation Mechanism

Project Level RAP

3.1 The Project Level RAP describes in detail about the institutional arrangement for the implementation of the sub-project level RIP.

Project Implementation Unit

3.2 The Project Implementation Unit (PIU) will be headed by the Project Engineer (Superintending Engineer cadre) who will also be in charge of the Resettlement and Rehabilitation. The R&R cell and the L.A. Cell, comprising of Special Deputy Collector, Deputy Tahsildar, Revenue Inspector and field staff, will work together in the implementation of the RIP. The R&R cell will comprise of the R&R Manager, the community development specialist and the data entry operator. They will be supported by an NGO appointed for facilitating the implementation of the RIPs in Thiruvallur District. The roles and responsibilities are described in detail in the Project Level RAP.

Implementation

3.3 The entire programme is planned to be implemented over a period of 6 months. The key implementation activities are shown in the 'Gantt Chart' given in **Annexure R-9**. However if there is any delay in implementation due to unforeseen circumstances, the period of PIU will be extended accordingly. The date of commencement of the RAP will be the date on which this component gets technical sanction. However, the RIP implementation will commence upon approval and adoption of this report by the PIU.

Each entitled unit (family/persons) will be issued an identity card that will list the various support mechanisms and amount of assistance to be given. Individual notice to all PAFs will be issued listing his/her entitlements under the project and will invite title holders for negotiation.

Further, PIU will be responsible in ensuring that no civil work commences prior to satisfactory completion of the implementation of RIP and PIU will also ensure that the compensation and resettlement assistance is provided prior to taking over of the assets for project implementation.

Prior to issue of bid documents to the civil works contracts, the following will be completed:

- Corresponding RIP endorsed by the World Bank and GoTN will be in place and disclosed.
- First Notification/Negotiations for land acquisition should have been imitated
- Identity cards for eligible PAPs should have been issued
- Options for resettlement and rehabilitation should have been obtained, wherever is required

- NOC from HR & CE shall be obtained
- Wherever the alternative shops/house construction is involved, these should be in advance stage of implementation

The completion of the above actions / requirements will be duly reviewed by the Resettlement supervision manager and clearance will be provided by him to PIU for the commencement of the above milestone (issue of bid document).

Prior to award of Contract the following will be completed:

- Land acquisition should have been completed fully and compensation paid to the land owners
- All cash allowances should have been paid
- The recognition of affected community assets

The completion of the above actions / requirements will be duly reviewed by the Resettlement supervision manager and endorsed by the SFA. Clearance will be provided by SFA to PIU for the above milestone (award of contract).

The ownership of Temple land will be ascertained and PIU will write to HR&CE for getting NOC, if the identified temple lands fall in their purview. However a provision has been made for land acquisition compensation.

Steps in Implementation

- 3.4 The main steps in implementation of the programme include:
 - Disclosure of the RIP,
 - Issuing identity cards and information brochure,
 - Collection of additional information (information of expenditure and debt for impact assessment purpose) for impact evaluation purpose
 - Negotiations with PAPs for purchase of land and assets,
 - Valuation of assets
 - Payment of compensation,
 - Delivery of rehabilitation assistance, and
 - Replacement and up gradation of community assets
- 3.5 Cut-off Dates is established to identify and enumerate the Entitled Persons. The date on which the census survey commenced will be the cut-off date for non-titleholders occupying the RoW. For legal owners, the cut-off date will be the notification by the PIU declaring the intention to acquire the property. For those legal owners who are not agreeable to compensation through negotiations, the date of serving the notice under Tamil Nadu Highways Act will be established as the cut-off date.
- 3.6 During construction, there could be changes in the alignment and such changes may impact some newer people and cause more impact to already identified PAPs. In such case, all those getting affected due to change in alignment depending on the category of impact will

be included as PAP and will receive entitlement as per the ESF policy framework. For such PAHs and for PAHs who might have been left out during Baseline Social Survey and identified later during implementation, the cut-off date will be the date on which they are enumerated. The PIU will be responsible to ensure that such people are not left out.

Costs and Budget

3.7 The Budget Estimate is given in **Table 3.1**. The compensation for the land and structures are given in **Annexure R-2 and R-3**. The land costs are based on the information collected from the official website of Tamil Nadu Registration Department for the prevailing year 2007-08 and 150% of the land cost has been calculated to meet the market rate. And the unit rates for structures are based on the PWD schedule of rates for the various type of building (2006-2007) for Tiruvallur District. An increase of 10% of the unit rates is been calculated to meet the price escalation for the current year 2007-08. The cost of RIP is Rs. 1681.48 lakhs and this cost is incorporated in the Project cost.

Table 3.1 Budget Estimate

		Unit Rate		Amount
Component	Unit	(in lakhs)	Quantity	(in lakhs)
Compensation				
Govt. Land	Sq.m.	0.0013	28228.36	35.33
Private Land	Sq.m.	0.0060	232949.15	1037.32
Temple land	Sq.m.	0.0235	4088.36	31.56
Temporary Structures	Sq.m	0.0127	691.77	8.78
Semi-permanent Structures	Sq.m	0.0244	574.08	14.02
Permanent Structures	Sq.m	0.0420	1089.62	45.78
Compound wall (brick masonry)	Running meter	0.0102	201.40	2.06
R&R Assistance				
Rehabilitation grant for land	One Time	0.000020	89648.50	2.09
Maintenance allowance & shifting allowance for land	One Time	0.00020	89648.50	20.15
Building allowance	One Time	0.0065	2004.25	14.34
Repair cost	One Time	0.0085	355.05	3.33
Livelihood allowance	One Time	0.1440	71	0.71
Shifting Allowance	One Time	0.0051	71	10.22
Cash grant for 365 days for commercial structure	One Time	4.015	11	4.02
Stamp duty & Registration cost	One time	0.0006	178153.07	105.18
Community Assets				
Water Supply tap	Unit	0.000	0.00	0.00
Places of Worship (fully) – 1 No	Sq.m	0.0672	28.50	1.91
Sub Total				1401.23
Contingency @ 20%				280.25
Total				1681.48

Note: Guideline value of year 2007-08 is adopted

Budget Estimate for shifting of utilities is included in cost estimate of item no.10 of Bill of Quantities.

Grievance Redress Committee / Mechanism:

3.8 The PIU will make effort at project level through negotiations in minimum possible time. Unresolved Grievances will be handled by a Grievance Redress Committee (GRC) Any aggrieved PAP can approach GRC, controlled by the appropriate Commissioner of ULB, which is constituted by the PIU. It will consist of a panel of three Members, one of whom shall be the PIU representative from the sub-project (who will be the convener). The others will include representative of the residents of the area / local body who are publicly known to be persons of integrity, good judgment and command respect; and a representative of local NGO/CBO. If the grievance of the PAP is not addressed, subsequently PIU will refer to District Collector, during the Collectors weekly grievance redress day. If the PAP is still unsatisfied with the decisions taken by the project and the Collector he would as a last recourse can appeal in the court of law. The details on the existence of this committee shall be published in the websites and Notice Boards of agencies associated with this project.

The role of GRC

3.9 The Role of PIU representative of the GRC:

Convene meetings of the committee as necessary at such place or places in the PIU as he considers appropriate;

Record, categorize and prioritize the grievances of PAPs

To inform the aggrieved parties about the status of their grievances and to communicate the decisions.

Conduct the proceedings in an informal manner as considered appropriate with the object to bring an amicable settlement between the parties;

3.10 The decision of the committee shall be recorded in writing and attested copies thereof shall be provided to the parties. All expenses incurred in arranging grievance negotiations and meetings of GRC as well as logistics required, shall be arranged by Project-Implementing Unit (PIU). The Proposed organization structure in PIU is given in **Figure 3.1**

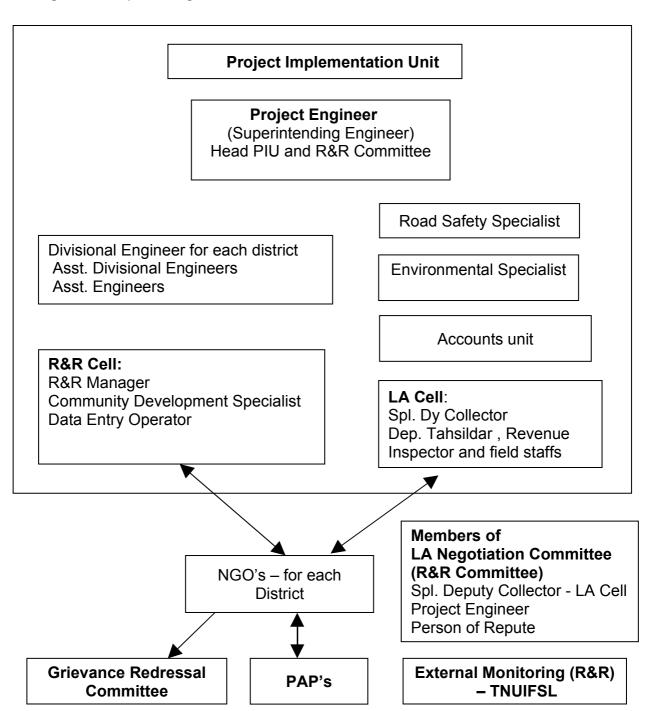
Monitoring and Evaluation

3.11 The Project Level RAP describes in detail about the monitoring and evaluation arrangement for this component. The key socio-economic indicators given in Chapter-2 will be used to evaluate the RIP. The M & E indicator format is given in **Annexure R-8**.

As per the project level RAP (Paras 5.29 & 5.31), The concurrent monitoring will be carried out by Resettlement & Rehabilitation Manager (who will provide the Monthly Progress Report / Completion Report to PIU & PMU in CD/ Hardcopy in the format annexed to RAP/ prescribed by the DBMS) and reviewed by PMC on quarterly basis /as per project needs and take appropriate steps for successful implementation.

SFA, PMU CMDA will be the designated authority for certification of completion and provide reports in respect of all sub-projects to TNUIFSL who are the external monitoring authority (refer 3.23 to 3.26 in ESF).

Figure 3.1 Proposed Organisation Structure in PIU



Annexure R-1: Baseline Socio Economic Survey

Table: 1 Head of Household (HH) by Sex

	Head of I	lousehold	All Memb	ers (PAPs)
Sex	Frequency	Percentage	Frequency	Percentage
Male	103	88.8	222	47.64
Female	13	11.2	202	52.35

Table: 2 Age group of PAPs

Age classification	Frequency	Percentage
Upto 5	27	6.37
6 – 14	41	9.67
15 – 24	82	19.34
25 – 40	152	35.85
41 – 60	95	22.41
> 60	27	6.37

Table: 3 Size of household

Size of household	Frequency	Percentage
1 – 3	49	42.24
4	33	28.45
5	16	13.79
6 – 7	16	13.79
8+ and above	2	1.72

Table: 4. Project-affected household by Religion

Religion	Frequency	Percentage
Hindu	115	99.14
Muslim	0	0.0
Christian	1	0.86
Others	0	0

Table: 5. Project-affected household by Social Group

Community	Frequency	Percentage
FC	10	8.62
BC	54	46.55
MBC	21	18.10
SC	31	26.72
ST	0	0

Table: 6 Literacy by Sex of PAPs (> 6 age group)

Litoroov	Male		Female		
Literacy	Frequency Percentage		Frequency	Percentage	
Can read and write Cannot read and	165 41	80.0 20.0	118 73	62.0 38.0	
write					

Table: 7 Education level by Sex of PAPs

Education	Male		Fer	nale
Education	Frequency Percentage		Frequency	Percentage
Primary	30	18.40	39	33.62
Middle	33	20.25	33	28.45

High school	62	38.04	24	20.69
Higher secondary	17	10.43	13	11.21
Graduate	15	9.20	6	5.17
Post graduate	1	0.61	1	0.86
Technical education	5	3.07	0	0.00

Table: 8 Main Activity by Sex of PAPs

Main Activity	Male		Fer	nale
Walli Activity	Frequency	Percentage	Frequency	Percentage
Cultivation	-	-	-	-
Agricultural labour	14	6.39	3	1.81
Casual labour	62	28.31	17	10.24
Private sector salaried	7	3.20	1	0.60
Public sector salaried	-	-	1	0.60
Household shop	-	-	1	0.60
Business	25	11.42	1	0.60
Other workforce	5	2.28	1	0.60
Not in workforce	106	48.41	141	84.94

Table: 9 Income of PAHs

Salary Range (per month)	Frequency	Percentage
<_1000	52	38.24
1001 – 2000	53	38.97
2001 – 3000	15	11.03
3001 – 4000	1	0.74
4001 – 5000	5	3.68
Above 5000	10	7.35
Not disclosed	0	-

Table: 10 Type of Structure

Type of Structure	Frequency	Percentage
Permanent	29	25.00
Semi-Permanent	29	25.00
Temporary	40	34.48
Compound wall, Shelter, well etc	18	15.52
Total	116	100.00

Table: 11 Type of Structure by tenure

Type of Structure	Frequency				
Type of Structure	Owner	Squatter	Encroacher		
Permanent	26	3	-		
Semi-Permanent	21	8	-		
Temporary	18	20	2		
Compound wall, Shelter,	18	-	-		
well etc					
Total	83	31	2		

Table: 12 Use of Structure by type

	Fr	Frequency			Percentage		
Use	Permanent	permanentSemi	Temporary	Permanent	permanentSemi	Temporary	
Residence only	16.0	16.0	23.0	43.2	64.0	85.19	
Residence and business	0	0	0	4	0	-	
Business Only	-	-	-	-	-	11.11	
Others (Compound wall, toilets, etc.)	11.0	4.00	3.00	29.7	16.0	3.70	
	0	5.00	1.00	3	0		
	10.0			27.0	20.0		
	0			3	0		

Table: 13 Period of occupancy by type of structure

Type of Structure	Frequency			F	Percenta	age
Period of Occupancy	Permanent	permanentSemi	Temporary	Permanent	Semi permanent	Temporary
Under 1 year	-	-	-	-	-	-
1 - 5 year	7	4	6	6	3.45	5.2
Over 5 years	35	31	33	30.2	26.7	28.45

Table: 14 Assets by offset distance from centreline

Distance from Centreline	Frequency	Percentage
Less than 3m	7	6.0
3m and upto 4m	61	52.6
5m	44	38.0
above 5m	4	3.4

Table: 15 Impact to structure by type of structure

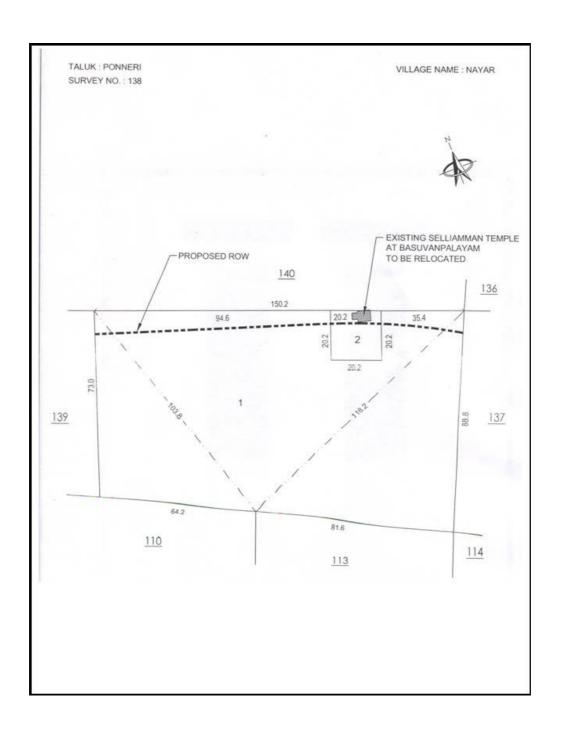
	Frequency		
Type of Structure	Wholly	Partly	
	inside Col	inside Col	
Permanent	7	22	
Semi permanent	9	22	
Temporary	12	27	
Compound wall, shelter, well, etc.	10	7	

Annexure R-2 : Compensation for the land affected

Annexure R-3 : Budget Estimate for R&R

Annexure R-4 : Consent for Places of Worship & relocation plan List of Religious structures affected

Affected structure	Village Name	Kms	Affected portion	L (m)	B (m)	Sq.	Total Area in Sq.Ft	Cost / Sq.ft (Rs.)	Cash compens ation for structure (Rs.)	Building allowanc e (25% of structure cost)	Total Cost (Rs.)
Selliamman Temple	Basuvan palayam	9/530 (RHS)	Fully Front portion	5	4.5	22.5		500	12050.00	30262.50 8043.10	
			portion			5.96	04.33	500	32172	6043.10	191528.00



BOWER - BROSSMAN SELLO (TNUDP-11)

துவழ்காக கள்ப்புற வளிக்கித் திட்டத்தின்கிழ் உலகவங்கி திதி உதவியுடன் கெலல்படுத்தப்படும் காலை கேம்பாபக திட்டத்தின் கிழ் பகுத்கோ - காகளையை சாலையை அகலப்படித்தும் பணிலை கேமற் கொள்ளப்பட கடுக்கின்றது

கிற்படக்காவையில் கி.மீ 9|530, பசுவன்பானையம் கிறாமம், ரூறு கிறாமம் சாவே எண். 138 ல் உள்ள எனக்க கொக்கமான சிலத்தல் அமைந்தன்ன தெல்லி அம்மன் கோவில் முடுவதும் கித்திட்டத்தில் பாடுக்கப்படுகிறது. பாதிக்கப்படும் குக்கோவிலுக்க பதிலாக உளர் மக்கள் சம்மதிக்கின்ற கேட்டுத்தல் புடிய கோவிலை கட்டுவதற்கு உண்டான கெலவனத்தையும், நிற்போலு கோவல் அவல்லு உள்ள கடித்திற்கான நடை எட்டு கிறைகையையும் அறகாவ்கம் தடும் படிக்கில் கித்திட்டத்திற்கு முடு துப்புதலையும் அனிக்க சம்மடுத்திக்றனர்.

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Annexure R-4A: English Version of the consent letter given by the owner of

the religious structure

<u> Karanodai - Minjur Road</u>

Tamil Nadu Urban Development Project-III

Tamilnadu Urban Development Project-III, under the World Bank assistance

has planned to widen the Karanodai - Minjur Road.

Due to this road widening project, Selli Amman temple at Basuvanpalayam

which is located at my own patta land comprising survey no.138 of Gnayiru

village is likely to be affected. In lieu of this temple, if government accepts to

construct new temple at the new place to be identified by the village people

and compensate me the land cost, I extend my full acceptance and ready to

co-operate for this road widening project.

Yours truly,

Sd/

-R.Murugesan

Land owner

Witness

1.R. Kandasamy

Community Officer,

CMDA

Chennai - 600008

2. S.Krishnakumar

Village Administrative Officer

Gnayiru village II

Ponneri taluk

3. R.Kanmani

Senior planner

WSAPL

40

List of people present at the time of getting consent letter from the Selliamman temple land owner		
SI.No	Name and Address	Signature
31.110	Name and Address	Signature
	B. Maari Boddiyar	
1	R. Maari Reddiyar, Basuvanpalayam	
'	Basavanpalayam	
	Kannaiyan Naidu,	
2	Basuvanpalayam	
	V.Ramadoss Reddiyar,	
3	Basuvanpalayam	
	E.Velu,	
4	Basuvanpalayam	
	11177-451	
5	H.Vadivel,	
<u> </u>	Basuvanpalayam	
	S.Maari,	
6	Basuvanpalayam	
	Васачапранауапт	
	M.Kannan,	
7	Basuvanpalayam	
	K. Elumalai,	
8	Basuvanpalayam	

Annexure R-5: Land Acquisition Schedule

Annexure R-6: Public Consultation - Attendance sheets

Venue : P.U. Primary School, Nerkundram Date : 24.06.06, 10.00AM

மீஞ்சூர் - காரனோடை சாலை - பொதுக்கூட்டம்

இடம் : நெற்குன்றம் ஆரம்பப் பள்ளி.

நாள் : 24.06.06

நேரம் : காலை 10.00 மணி

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இடம் : நெற்குன்றம் ஆரம்பப் பள்ளி.

நாள் : 24.06.06

நேரம் : காலை 10.00 மணி

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Venue: P.U. Primary School, Basuvanpalayam

Date: 24.06.06, 12.00 Noon

மீஞ்தர் - காரனோடை சாலை - பொதுக்கூட்டம்

இடம் : பகுவன்பாளையம் ஆரம்பப் பள்ளி. நாள் : 24.06.06

நேரம் : காலை 12.00 மணி

भारिकार इसमे	GL már	கிராமத்தின் பெயர்
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இடம் : பகுவன்பாளையம் ஆரம்பப் பள்ளி. நாள் : 24.06.06

நேரம் : காலை 12.00 மணி

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இடம் : பகவன்பாளையம் ஆரம்பப் பள்ளி. நாள் : 24.06.06

நேரம் : காலை 12.00 மணி

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47	Revenu Inspector	R.I Minjur
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இடம் : பகுவன்பாளையம் ஆரம்பப் பள்ளி. நாள் : 24.06.06

நேரம் : காலை 12.00 மணி

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இடம் : பசுவன்பாளையம் ஆரம்பப் பள்ளி. நாள் : 24.06.06

நேரம் : காலை 12.00 மணி

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Annexure R-7 - Detailed Public Disclosure

Minutes of the Public Disclosure for the Upgradation of "Minjur-Karanodai (MKD) Road" held at Nerkundram and Basuvanpalayam on 18.05.07

Members Present:

Officials from Project Implementation Unit, TNUDP-III:

- 1. Thiru A. Sabapathy, SE (H), PIU
- 2. Thiru J.E. Selvam, DE (H), PIU
- 3. Thiru. Thiyagarajan, AE (H), Ponneri Sub Division
- 4. Thiru. P.Leo, Special Tahsildar(LA)

Officials from PMU, TNUDP III:

- 5. Thiru K. Kumar, SP, PMU
- 6. Thiru R.Kandasamy, CO, PMU

ESS Manager, TNUIFSL

7. M. Biju Panicker

Consultants (M/s Wilbur Smith Associates Pvt. Ltd.):

- 8. Thiru C.J. Suthakar
- 9. Tmt. R. Kanmani

As the total number of PAF's of the proposed upgradation are 520 spread across 9 revenue villages, public disclosure meeting was conducted at the same two locations, where the public consultations were completed during 24th June, 2006 viz. Nerkundram and Basuvanpalayam. Sufficient advance information about the public disclosure meeting were given to the PAFs in writing by circulating the necessary letters. About 80 PAFs have attended the meetings.

At the outset, Divisional Engineer (H), PIU welcomed all the participants and explained in detail the compensation particulars for the land and structures respectively. Also, the entitlement frame work was clearly displayed in the notice board at the two venues.

Public requested the officials to confirm, whether the upgradation proposals discussed during the earlier public consultations remained same or not. It was clarified that the rehabilitation and



Registration by the PAF



View of Audience at Nerkundram



Disclosure by PIU

resettlements were worked out based on the proposals with 9.5m RoW at built-up locations and 20.0m RoW at non-built-up locations, which was discussed during the earlier consultations.

Public had requested the officials whether the compensation for land is worked out based on registration value or market rate. It was clarified that the compensations for land were worked out as 150% of the current guideline value along with 9% registration charges and current PWD schedule of rates without depreciation value has been used for the structure valuation.

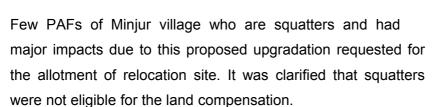


Clarifications by PIU



Public also wanted to know the locations where the realignments were proposed. It

was clarified that realignments were proposed at six locations including Karanodai bypass and a bridge across Kortalaiyar river, in order to save the structures and avoid serious R&R issues. The realignment locations were clearly explained by displaying the drawings during the above public disclosure.



Public wanted to make sure that their suggestion expressed during earlier meeting about the compensation for the bore wells that would be affected was included in the project proposal. It was clarified that their suggestion was incorporated in the project cost.



Discussions during the



Display of Entitlements in Local Language

Public were anxious to know about the date of commencement of the implementation of the civil works. It was clarified that the work would commence after the completion of the R&R process including the compensation.

A copy of the list of Project Affected Family (PAF's) including their compensation was circulated to all the Panchayat presidents for circulation of the public.

RIP Disclosure - Attendance sheet - Nerkundram

காரனோடை – மீஞ்சூர் சாலை

பாதிக்கப்படுவோர் நலம் காப்பு முறை/ கோட்பாடு விளக்கக் கூட்டம்.

இடம் : நெற்குன்றம்

நாள் : 18.05.07

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3	IM. LOGAIYON Chelebander	Magazar
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7	G. MADHAVA RAO,	Novmen
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இடம் : நெற்குன்றம்

நாள் : 18.05.07

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இடம் : பசுவன்பாளையம்-

நாள் : 18.05.07

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RIP Disclosure - Attendance sheet - Basuvanpalayam

காரனோடை – மீஞ்சூர் சாலை

பாதிக்கப்படுவோர் நலம் காப்பு முறை/ கோட்பாடு விளக்கக் கூட்டம்.

இடம் : பசுவன்பாளையம்

நாள் : 18.05.07

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இடம் : பசுவன்பாளையம்

நாள் : 18.05.07

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இடம் : பசுவன்பாளையம்

நாள் : 18.05.07

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இடம் : பசுவன்பாளையம்

நாள் : 18.05.07

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நாள் : 18.05.07

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Annexure R-8: Monitoring Indicator Format

A. Monitoring Indicators for Physical Progress (Sub-Project Wise)

SI. No.	Monitoring Indicators for Physical Progress	Impleme Tar	till	nieved Last onth		gress Month	Cumu Progi		Remarks	
	- Injection in Egyptic	TH	NTH	T H	NTH	TH	NTH	TH	NTH	
1.0	Land Acquisition (A	rea in Ha)								
1	Govt Land.	2.82								
2	Other Land(Temple)	0.41								
3	Private Land (No. of	17.41								
	PAHs)	(404)								
2.0	Structures	- /	•							
2.1	Area of structure									
	acquired (sq.m) from private owners	1635.77	610.23							
2.2	No. of PAHs paid compensation for acquisition of Structures	82	32							
2.3	Other assets (wells) acquired (no.) from private owners	5	-							
2.4	No. of PAHs paid compensation for acquisition of Other assets Structures	5	-							
3.0	R&R Assistance									
3.1	No. of PAHs provide									
	with shifting	48	23							
	allowance									
3.2	No. of PAHs provided with rental allowance	-	-							
3.3	No. of PAHs provided with subsistence allowance for 6 months	48	23							
3.4	No. of PAHs provided with subsistence allowance (employees) for 3 months	-	-							
3.5	No. of Vulnerable PAHs provided with alternate built house (if any)	-	-							
3.6	No. of Vulnerable PAHs provided with alternate built shop (if any)	-	-							

4.0	Community Assets Re established								
4.1	community	-							
	Properties								
4.2	Utility Assets	-							
5.0	Manpower Deployment								
5.1	No. of staff in LA								
	activities in position								
5.2	No. of staff in R&R								
	activities in position								
5.3	No. of implementing								
	NGO staff in								
	position								

Note: TH denotes Title holder and NTH denotes Non title holder

Other Land Includes Temple land, etc
Community properties include place of worship, playground, graveyard, etc
Utility assets include water taps, bus shelter, hand pumps, etc

Annexure R-8

B. Monitoring Indicators for Financial Progress (Sub-Project Wise)

SI.	Monitoring	Implementati		Achieved till		Pro	ogress	Cum	ulative	Remarks
No.	Indicators for	on T	arget	Last	Month	this	Month	Prog	gress	
	Physical Progress	TH	NTH	TH	NTH	TH	NTH	TH	NTH	
1.0	Land Acquisition (no	os)								
1	Govt Land.		27							
	Compensation paid									
2	Other Land		1							
<u> </u>	Compensation paid		· ·						ı	
3	compensation for	404								
	Pvt land properties :	404								
	No. of PAHs									
2.0 2.1	Structures	1	1		1		<u> </u>	1	1	I
2.1	No. of PAHs paid									
	compensation for acquisition of	83	33							
	Structures paid									
2.2	Other assets (wells)									
~.~	aguired (no.) from	5								
	private owners paid									
2.3	No. of PAHs paid				1					
	compensation for									
	acquisition of Other	1								
	assets Structures									
	paid									
3.0	R&R Assistance									
3.1	No. of PAHs provide									
	with shifting	48	23							
	allowance paid									
3.2	No. of PAHs									
	provided with rental									
	allowance paid									
3.3	No. of PAHs									
	provided with	40	00							
	subsistence allowance for 6	48	23							
3.4	months paid No. of PAHs		-		1		-	-		
] 3.4	provided with									
	subsistence									
	allowance									
	(employees) for 3									
	months paid									
3.5	Expenditure on									
	providing alternate									
	built house									
	Vulnerable PAHs									
	provided (if any)									
3.6	Expenditure on									
	providing alternate									
	shops (if any)	<u></u>	<u> </u>				<u> </u>			
4.0	Community Assets F	Reestal	olishmer	nt cost	(civil w	orks (cost)			1
4.1	community									
	Properties spent									

4.2	Utility Assets spent										
5.0	Manpower Deployment										
	Expenditure on Staffing of PIU (salary)										
	Expenditure on engaging implementing NGOs										
	Expenditure on engaging Impact evaluation consultant										
	Expenditure on Public consultation										
	Expenditure on Unquantified impacts (10%of R&R cost)										

Note: TH denotes Title holder and NTH denotes Non title holder

Other Land Includes Temple land, etc

Community properties include place of worship, playground, graveyard, etc Utility assets include water taps, bus shelter, hand pumps, etc

Annexure R-8

C. Key baseline socio-economic indicators for Impact Evaluation										
	Impact Evaluation Indicators	Pre-Project Value (baseline value)	Annual Evaluation	End of the Project Evaluation						
1.	Income	,								
•	Proportion of PAHs below Poverty Lane	35%								
•	Proportion of PAHs above Poverty Lane	65%								
•	Average Annual Income	26400								
•	Average Monthly Per-capita Income	2150								
•	Average Monthly Per-capita Expenditure	-								
•	Average No. of Earners Per Household	1.2								
2.	Occupation									
•	Proportion of land based occupation	12%								
•	Proportion of non- land based occupation	56%								
•	Proportion of self employed	19%								
•	Proportion of salaried	6%								
3.	Land Holding									
•	Proportion of agri holding below 1 acre	-								
•	Proportion of agriholding 1.1 to 2 acres	-								
•	Proportion of agri holding 2.1 to 5 acres	-								
•	More than 5 acres	-								
•	Average Standard Land holding size	-								
	Average yield from different crops	-								
4.	Access to Basic Amenities									
•	Proportion of house holds having water supply	0%								
	connection	24%								
•	Proportion of house holds having telephone connection	90%								
•	Proportion of house holds having close access to	30 70								
	community water resource	20%								
•	Proportion of other amenities located within 1 km	2070								
-	(PHC/playground/ Park, etc) House type									
•	Proportion of house holds having Pucca House	25%								
	Proportion of house holds having Semi-Pucca House	26.7%								
•	Proportion of house holds having Kutcha House	33.6%								
<u> </u>		00.070								
6.	Material Assets									
•	Average Number of Livestocks per Household (cow,	-								
1	Buffalo, Goat, Sheep, Poultry Birds, etc)									
•	Proportion of households having radio	- CE0/								
•	Proportion of households having mixer	65%								
•	Proportion of households having grinder	60%								
•	Proportion of households having BW/Colour Television	75%								
•	Proportion of households having mobile phone	50%								
•	Proportion of households having cattle	-								
•	Proportion of households having two wheelers	30%								
•	Proportion of households having four wheeler	0%								
•	Proportion of households having water supply									
	connection	0%								

Note: The external Impact Evaluation consultant may add or delete suitable indicators. However, all preproject baseline values will be provided to the consultant or will be collected during implementation on recall basis.

Annexure R-9: RIP Implementation Schedule

Minjur Karanodai Road - Km 0/0 - 16/4 Gantt Chart

Activity	Ali. side e		Month 1				Mor	nth 2			Mor	nth 3			Mor	nth 4		Month 5				Month 6			
No.	Task Name	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24
	RIP Implementation Schedule																								
	PIU internal proceedings /Technical Sanction	•																							
2	Disclosure of RIP																								
3	Constitution of NGO, Data base					•																			
	Peg Marking / defining Corridor of Impact					>																			
5	Validation of Project Affected Persons																								
6	Notification of Land Acquisition																								
	Relocation of Community Assets including Reimbursement																								
	Issue of Identity Cards & Invitation Letter to PAPs																								
9	Negotiation process																								
10	Grievance redressal process																								
11	Payment of LA Compensation																			•					
	Disbursement of Entitlement																			•					
	Processing of Relocation/Resettlement																								
14	Impact Assessment after implementat		To Commence after six months of completion of RIP																						

Technical sanction approval date is the Zero date for RIP implementation".

Task
Milestone
Summary

APPENDIX – I ENTITLEMENT MATRIX

Appendix I : Entitlement Matrix

SI.	Type of Loss	Application	Definition of	Entitlement Framework
No			Entitled person	
	1.1 Land	Less than 20% of	Legal user with	-Cash compensation at the Replacement Cost for the extent of land lost
	(agriculture	land holding* lost	valid title or	(Ref Note 1)
	Land)	and residual land	customary or	
		remains	usufruct rights.	
		economically	Tenant/	-No compensation against land.
		viable	Lease holder /	-For loss of income a lump sum subsistence allowance of
		(marginal impact	Share Cropper	Rs.12,000.
		on livelihood)	Squatters/	-Squatters and encroachers will not be entitled to compensation for the loss of land
			Encroachers	
		More than 20% of	Legal user with	-Land for land of on the basis of replacement land (1 ha of dry land or ½ ha of
		land holding lost,	valid title or	wetland for 1 ha of dry land lost), up to a maximum of 3.00 ha of dry land and 1.5 ha
		or where less than	customary or	of wetland. The purchase price will be negotiated between the willing seller and
		20% lost but remaining land	usufruct rights	willing PAP (Ref Note 2). The project will bear registration charges in addition to compensation for land.
		becomes		Or
		economically		Cash compensation at the Replacement cost for the entire land holding (Ref Note
		unviable (severe		1&2)
		impact on		102)
		household income		-For loss of income PAFs will receive a rehabilitation grant (adjusted for inflation
		and living		every year by the TNUDP) of Rs. 24,661/- per ha of dry land lost or Rs. 41,420/- per
		standards)		ha of wetland lost, up to a maximum of 3.00 ha of dry land and 1.5 ha of wetland.
				-Maintenance allowance for 12 months at Rs. 1000/month per PAF
				-One time shifting allowance of Rs.1,000/-
				-Compensation for any affected fixed structure on the land at replacement cost and
				right to salvage building material
			·	and does not include any other land holdings that a DAD may are at other landings

^{*}Land holding refers to the land plot directly impacted by the project and does not include any other land holdings that a PAP may own at other locations.

		Tenant/	-No compensation for affected land
		Lease holder /	-Maintenance allowance for 12 months at Rs. 1000/month per PAF
		Share Cropper	-One time shifting allowance of Rs.1,000/-
		Squatters	-No compensation for loss of land
			-For loss of incomes, a subsistence allowance for 3 months equivalent to monthly
			minimum wages as per prevailing rates of GoTN.
			-One time shifting allowance of Rs. 1000/-
1.2	Loss of part of	PAPs with valid	-Cash compensation for affected portion of land at replacement cost.
Residential /	land holding with	title or customary	(Ref Note 1)
Commercial	remaining land	and usufruct right	
Land	more than the	Tenants and	-Reimbursement to leaseholders for un-expired lease period limited to 12 months
	minimum required	leaseholders	-Transition allowance equivalent to two months income.
	under the zoning	Squatters/	-No compensation for loss of land
	regulations	Encroachers	-Transition allowance equivalent to two month's income
	Entire loss of land	PAPs with valid	-An equivalent area of land with access to services and facilities at least of same
	holding or where	title or customary	level as affected land and at location acceptable to PAP. The project will identify the
	partial loss but the	and usufruct right	land and the purchase price will be negotiated between the willing seller and the
	remaining land		willing PAP. The project will bear registration charges. (See Note 2)
	becomes unviable		Or
	or too small		Cash compensation for entire land holding at replacement cost
	(PAP is required		(Ref Note 1)
	to relocate)		-One time shifting allowance of Rs. 1,000/-
		Tenants and	Leaseholders will be entitled to:
		Leaseholders	-An equivalent area of land with access to services and facilities at least of same
			level as affected land and at location acceptable to PAP
			Or
			Cash compensation as reimbursement for un-expired lease period limited to 12
			months
			-One time shifting allowance of Rs. 1,000/-
			Tenants will be entitled to:
			-Allowance equivalent to six months rental value
			-One time shifting allowance of Rs. 1,000/-
		Squatters/	-No compensation for loss of land
		Encroachers	One time shifting allowance of Rs. 1,000/-

2.	Structures/ Buildings (Residential, Commercial,	2.1 Partially affected and remaining structures viable	Legal user with valid title	-Cash compensation at replacement cost for affected area of structure calculated based on PWD scheduled rates without depreciation -Repair cost for restoration of remaining structure -Right to salvage material
	Industrial or Institutional)	for continued use	Owner of structure without legal title (squatters)	-Cash compensation at replacement cost for affected area of structure calculated based on PWD scheduled rates without depreciation -Repair cost for restoration of remaining structure -Right to salvage material
			Encroacher	Right to salvage material

2.2 Fully affected or where part structure affected but remaining structure rendered unviable	Legal owner with valid title	-Cash compensation at replacement cost for the affected unit, calculated based on the PWD scheduled rates, without depreciation plus house/shop building allowance equivalent to 25% of compensation. or For PAFs losing upto 20 sq.m of house will get a built house of 20 sq.m. and PAFs losing house of more than 20 sq.m will get a built house of 40 sq.m, where possible. In case of Shops and business, an alternate built shop, where possible, in the resettlement site (resettlement site will be developed provided not less than 20 units opt to move into a particular resettlement site) of plinth area of 9 Sq.m. (The cost of unit to be charged to the PAF is limited to two-thirds to non-vulnerable and one-third to vulnerable subject to maximum of compensation amount received) -Subsistence Allowance for 6 months equivalent to monthly minimum wages for unskilled casual laborers -One time shifting allowance of Rs.1,000/Right to salvage material.
	Lease holder	-Subsistence allowance for 6 months at equivalent rental value -One time shifting allowance of Rs.1,000/Right to salvage material if any additions done by the tenant

			Squatter	-Cash compensation at replacement cost for the affected unit, calculated based on the scheduled rates of the PWD without depreciation, plus house/shop building allowance equivalent to 25% of compensation. or PAFs losing upto 20 sq.m of house will get a built house of 20 sq.m. and PAFs losing a house of more than 20 sq.m will get a built house of 40 sq.m. where possible. In case of Shops and business an alternate built shop, in a resettlement site (resettlement site will be developed provided not less than 20 units opt to move into a particular resettlement site) of plinth area of 9 Sq.m. (The cost of unit to be charged is limited to two-thirds to non-vulnerable and one third to vulnerable subject to maximum of compensation amount received) -Subsistence Allowance for 6 months equivalent to monthly minimum wages -One time shifting allowance of Rs.1,000/Right to salvage material.
			Encroacher	-Compensation at replacement cost for affected portion of structures -Right to salvage material
3	Loss of income / Livelihood	3.1 Loss of employment of agricultural laborer	PAPs	-Subsistence Allowance for 3 months equivalent of monthly minimum wages for unskilled casual laborer as per prevailing rates of GoTN
		3.2 Loss of rental income from building	Owner of affected building	-If rental income derived from building is declared and records of Income Tax returns are available, then a cash grant equivalent to one year income calculated as an average of past three years income or -Subsistence allowance for 12 months at equivalent rental value

		3.3 Loss of income from trade/business	Owner of Business Employees (Identified during Baseline Survey on cut off date) Hawker (Identified during	-If business income is declared and records of Income Tax returns are available, then a cash grant equivalent to one year income calculated as an average of past three years income or If business income details are not available, then a cash grant equivalent to 365 days of minimum wages (minimum wages are fixed by the respective District Collector in accordance with Minimum wages fixed by Ministry of Labor under Minimum Wages Act, 1948. Rates will be revised by TNUDP every year) -One time maintenance allowance / cash grant equivalent to 90 days of minimum wages (minimum wages are fixed by the respective District Collector in accordance with Minimum wages fixed by Ministry of Labor under Minimum Wages Act, 1948. Rates will be revised by TNUDP every year) -Compensation for temporary Loss by way of one time shifting allowance of Rs. 1000/- Lump Sum maximum. Shifting allowance to commensurate the need.
			Baseline Survey on cut off date)	-Subsistence allowance for the number of days equivalent to the actual loss of business income calculated as per applicable minimum wages
4	Loss of Standing Crops		Cultivator (Title holder / Tenant / Lease holder / Share Cropper / Squatter	-Advance Notice of 3 months to harvest crop or -Cash compensation equivalent to market value of standing crop lost.
5	Loss of access to a) Common resources b)Social and Cultural property			The affected common resources will be provided / created afresh 1) Wherever possible, the property will be relocated in consultation with the community 2) When relocation of the property is not feasible, will be provided afresh
6	Loss of Amenities / Services to host communities		Amenities and Services	-Affected host communities will be entitled to restoration of losses as a result of additional consumption due to resettlement -Will be provided amenities/services equivalent to those provided to PAPs.
7.	Unidentified Impacts			Unforeseen impacts will be documented and mitigated based on the provisions of the policy

Notes: 1. Procedure for acquisition / negotiation and quantum of compensation as per guidelines in the ESF document shall apply.

- 2. Land for land of equivalent extent as per guidelines in the ESF document shall apply. Where land-for-land of equivalent production capacity or other attributes is not available at locations acceptable to the PAPs, cash compensation may be provided at the informed request of the PAPs.
- 3. The compensation for homestead land including the built-up area will be governed as per provision under Sr.no:1: 'land'
- 4. Based on Consumer Price Index for agricultural laborers for Tamil Nadu Sep 2003, Index 362
- 5. The repair cost of affected structures should be as estimated to be required for a particular structure subject to minimum of 25% of the compensation amount for partial structure loss.

APPENDIX – II PAPs PROFILE