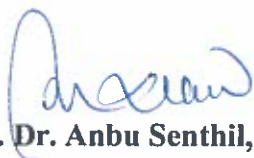


DECLARATION

This is to state that the members of the project entitled " Land Acquisition – Acquisition of Lands at Kurumbapet & Odiampet Revenue Village – Formation of Link road – Puducherry – Villipuram railway line – Arumathapuram Natesan Nagar – NH45" are not related to any of the residents and landowners of the Kurumbapet and Odiampet Revenue Villages

Place: Pondicherry

Date: 26.02.2018



1. **Dr. Anbu Senthil, M.B.B.S., M.S.**

In charge Medical Officer,
Public Health Centre,
Mettupalayam,
Puducherry.



2. **Dr. Rajiny, M.Sc., B.Ed., PG.D.N.&D., Ph.D.**

Assistant Professor (Home Science),
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4. **Ms. Alice Thomas, B.A., LL.B.,**

Vuthavi Karangal
Samooga Thodar Kalvi Iyakkam
No.1, 3rd Cross, Pudu Nagar
Nonankuppam,
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SOCIAL IMPACT ASSESSMENT REPORT

INTRODUCTION

Social Impact Assessment Unit is a department appointed by the Government to carry out the social impact assessment study and prepare social impact management plan in accordance with Puducherry right to fair compensation and transparency in land acquisition, rehabilitation and resettlement rules 2015 were published as required under section 112 of the right to fair compensation and transparency in land acquisition, rehabilitation and resettlement act 2013(30 of 2013) with notification No: 7736/DRDM/B1/2015 dated 10th February 2016 of the Department of Revenue and Disaster management, Government of Puducherry.

The social impact assessment unit has constituted

THE SOCIAL IMPACT ASSESSMENT TEAM

comprising of

1. Dr. Anbu Senthil, M.B.B.S., M.S,
In charge Medical Officer,
Public Health Centre,
Mettupalayam,
Puducherry.
2. Dr. Tmt. Rajiny, M.Sc., B.Ed., PG.D.N.&.D., Ph.D.
Assistant Professor (Home Science),
Bharathidasan Government College for Women,
Puducherry.

3. Thiru. T. Ramakrishnan, M.A., B.Ed.,

Statistical Inspector (Retd.)

No.5, Marie Street, Bahour,

Puducherry – 607 402

4. Ms. Alice Thomas, B.A., LL.B.,

Vuthavi Karangal Samooga Thodar Kalvi Iyakkam for Boys,

No.1, 3rd Cross, Pudu Nagar,

Nonankuppam,

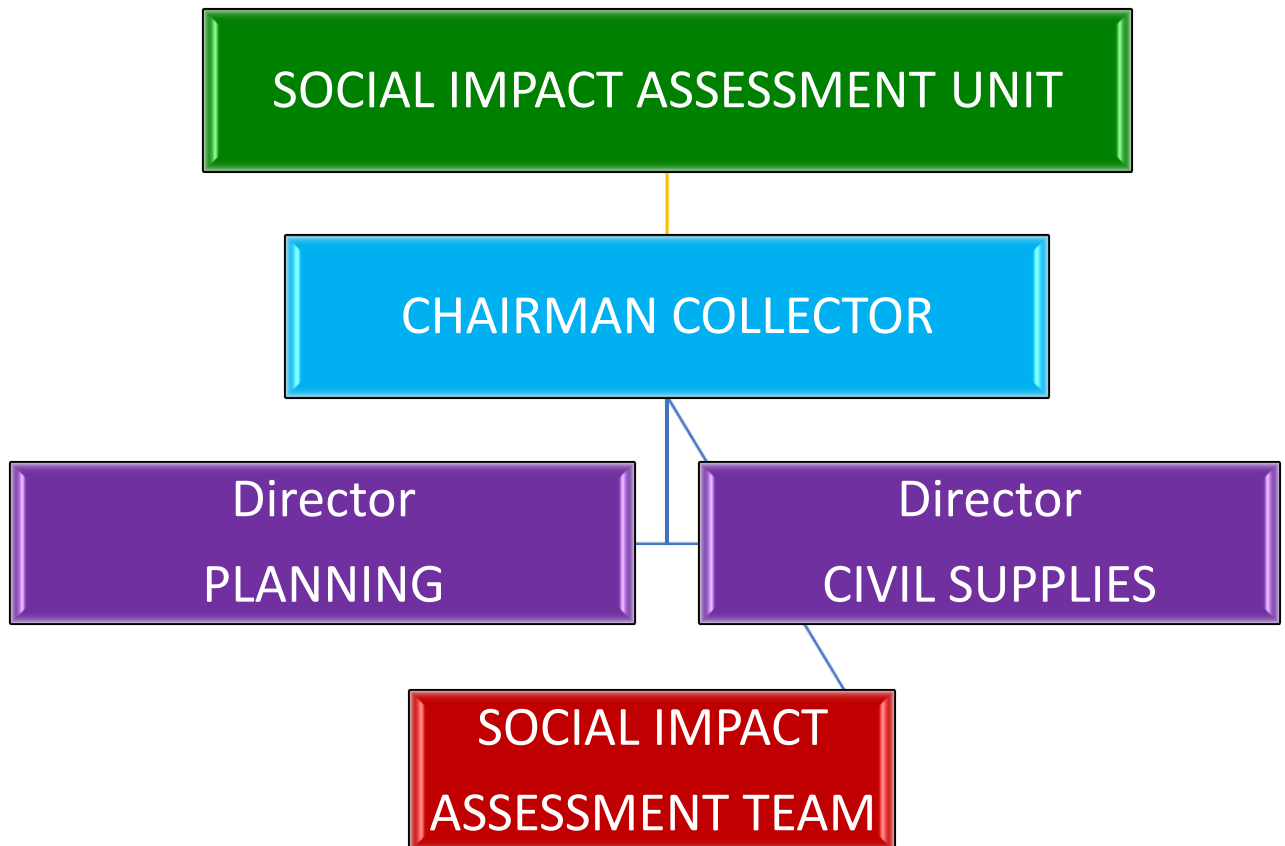
Ariyankuppam,

Puducherry.

To assess the impact of acquisition of lands at Kurumbapet revenue village and Odiampet revenue village for formation of link road south of railway line by passing Arumathapuram, Natesan nagar of NH45

SOCIAL IMPACT ASSESSMENT UNIT

ADMINISTRATIVE SET UP:



OBJECTIVE OF SOCIAL IMPACT ASSESSMENT TEAM

1. To collect and analyse a range of quantitative and qualitative data, undertake detailed sites visits use participatory methods such as focused group. Discussion, participatory rural appraisal technique and informant interviews in preparing the social impact assessment report.
2. To determine the area of impact under the proposed project including both land to be acquired and the areas that will affected by the environmental, social or other impacts of the project.
3. To identify the area and location of land proposed for acquisition for the project.
4. To analyse whether the land proposed for acquisition is bare minimum required.
5. To suggest alternative sites for the project and its feasibility.
6. To identify whether land proposed i.e. irrigated multi-cropped land , the nature of the land present use and classification of land.
7. To collect data regarding size of landholdings with ownership details, member of residential houses, shops, public and private infrastructure and assets affected, the land prices in locality recent changes in ownership.
8. To provide land records, field verification, and accurate estimate of the number of affected families and the number of displaced families among them, affected communities and key stake holders.
9. To prepare project proposal and relevant project documents provide conclusive assessment of the balance and distribution of the adverse social impacts.

SOCIAL IMPACT ASSESSMENT PLAN

On constitution of Social Impact Assessment team in discussion with District Collector, notification regarding Social Impact Assessment Report and land acquisition team was put up on the notice board of Panchayat Office for thirty days. The date of sketch showing Writ petitioners land not taken possession, the process of Social Impact Assessment, previous minutes of meeting held at Conference Hall, Legislative Assembly for completion of Railway over bridge (26/08/2016 to 08/03/2017) brief history of acquisition of lands at Kurumbapet and Odiampet , details of Writ petitions pending before the Hon'ble High Court , Madras. Meeting by Hon'ble Minister, PWD, status of the proposal, calculation and negotiation statement, new Land Acquisition Act, 2013 and it's calculation, the Gazette of Puducherry were all given to the team members for better understanding. Individual orders, with reference of constitution of State Social Impact Assessment unit vide G.O.Ms.No.7 dated.13/04/2017 of the Department of Revenue and Disaster Management, Puducherry for both areas of Kurumbapet and Odiampet were given to the Social Impact Assessment Report Team members, then an informal visit was done to areas with Tmt. Sheela, Tahsildar, Thiru. Sathyanarayanan, Deputy Tahsildar, and members of Deputy Collector (Revenue) South office, Villianur and National Highways accompanied the Social Impact Assessment Report Team and identified the location both in Kurumbapet and Odiampet.

The Social Impact Assessment Report Team visit the spot in the next few days and had a local visit and meeting and had individual house visits and discussed with their onfactors of those that live nearby b) those that may be affected by the development intervention. c) those that may be displaced because of the project and those that have interest i a new project or policy change, thus public participation program was conducted through the implementation and monitoring.

Then the team members discussed to formulate an interview schedule which consist of Demographic details including age, sex, caste, religion, literacy, health and nutritional status, poverty level, usher able group, social and cultural organisation, administrative and political organisation found, land use and livelihood, local economic activities, factors that contribute to local livelihoods, quality of living environment, key impact area, impact on physical resources, private assets, public services and utilities, health impacts, impact on different phase were all included.

Maps were obtained from Pondicherry planning commission and Deputy Surveyor of highways Thiru. Iyyanar. Discussions were conducted with Thiru. Dakshinamoorthy, Revenue Officer, Office of the Deputy Collector (Revenue) South, Villianur and Thiru. Mathew Francis, Tahsildar, Taluk Office, Villianur regarding canal and survey report of the proposed sites. Visit to the canal was done with the Tahsildar, Taluk Office, Villianur and Tmt. Muthumeena, Revenue Officer to make sure that the canal is preserved and the process of canal is in the right channel.

Individual discussions with the affected families and fixed up to date for administered interview schedule and requested them to be ready with all necessary documents.

Discussion with LGR Patta land owners was conducted and asked about their grievances.

Meetings were conducted with the District Collector Dr. Satyendra Singh Dursawat, I.A.S and Mr. E. Vallavan, I.A.S., Add. In charge District Collector, Tmt. Muthumeena, Revenue Officer to update on the development of the Social Impact Assessment.

The interview scheduled was conducted peacefully and all details were collected with ultimate care.

(c) Sampling methodology used:-

- (a) Secondary data collection
- (b) Identification of geographical area using maps and visits
- (c) Personal visit
- (d) Observation
- (e) Personal interview
- (f) Discussion
- (g) Participatory assessment methods
- (h) Local scenario assessment
- (i) Consulting experts
- (j) Assessment of cumulative, direct and indirect impacts
- (k) Verification of documents

OVERALL BENEFITS AND IMPACTS

1. Vehicles flying through Cuddalore, Chidambaram, Karaikal, Velanhani, Nagapattinam will use this route there by reducing congestion inside the city premises.
2. Commercial Vehicles and goods carries will use the bypass which would also reduce congestion in the city premises.
3. Overall economy and land value of the locality will improve.
4. Infrastructures will develop adding to better facilities to people living there.
5. Temporary job opportunities for unorganised labourers.

6. Ease of access to health care facilities to the nearby villages.(SUB CENTRE IN THE LOCALITY)

MANAVELI- 7530 POPULATION

GN PALAYAM- 2750 POPULATION

GN PALAYAMPET-848 POPULATION

THATTANCHAVADY- 1991 POPULATION

Impacts are expected during the construction and commissioning phase like affect in commuting, health issues due to air pollution and water pollution, effect due to migrant labourers.

THE LAND TO BE ACQUIRED SERVES FOR THE PUBLIC PURPOSE.

The National Highways stretch o NH45A from Ch.16/122 to Ch.37/420 i.e. from Madagadipet state border to Indira Gandhi Square is under the maintenance National Highway Division, PWD, Puducherry. The available width of carriageway in the stretch from Indira Gandhi Square to Moolakulam is insufficient to meet the current traffic density (the city). The proposed bypass road connecting Natesan Nagar and Arumparthapuram will divert the Highway Traffic route. Cuddalore Nagapattinam etc.and subsequently hightraffic congestion at Indira Gandhi Square can be minimised. Thus the proposed area will be immense use for the public.

EXTENT OF PROPOSED LAND TO BE ACQUIRED: (00.77.83)

The land required to form this by-pass road falls in 4 revenue villages. The land extent having 03-97-31 Hectares for first and second revenue villages namely Olandai and Reddiyarpalayam and land extent having 04-55-36 Hectares for 3rd and 4th revenue villages namely Odiampet and Kurumbapet have been proposed for acquisition. Land acquisition at

Odiampet and Kurumbapet revenue villages also completed to an extent of 03.77.71 Hectares leaving the extent of land pertaining to 9 land owners' land of **00.77.83** Hectares and the same was handed over to the National High ways division PWD.

THE LAND PROPOSED FOR ACQUISITION IS THE BARE MINIMUM NEEDED FOR THE PROJECT.

The entire stretch of land excepting the 9 land owners land have already been taken possession and formation of earthen road has been completed and the remaining land proposed for the acquisition in the bare minimum needed for the project and the same has been discussed with NHAI and Chief Engineers statement has been enclosed.

DETAILS OF MOVABLE AND IMMOVABLE PROPERTIES

Movable Property (Kurumbapet)

1. Machineries & equipments of Aluminium factory and Bakery.
2. Scrap materials of Jothi (Barrel factory)

Immovable property (Kurumbapet)

1. Land and house oh Aluminium factory.
2. Land and office of Saw Mill.
3. Land and building of scrap holding barrel factory.
4. Land and building of Bakery.
5. Trees as specified in enclosures.

Movable property (Odiampet)

1. Cattle and poultry of Nandagopal.

Immovable property (Odiampet)

1. Plots of parathasarathy, Manusozhan, Sundari, Devi.
2. Land of Nandagopal.
3. L.G.R. patta of four members.

NUMBER OF AFFECTED FAMILIES & FAMILIES TO BE DISPLACED

Kurumbapet -4

Odiampet -9.

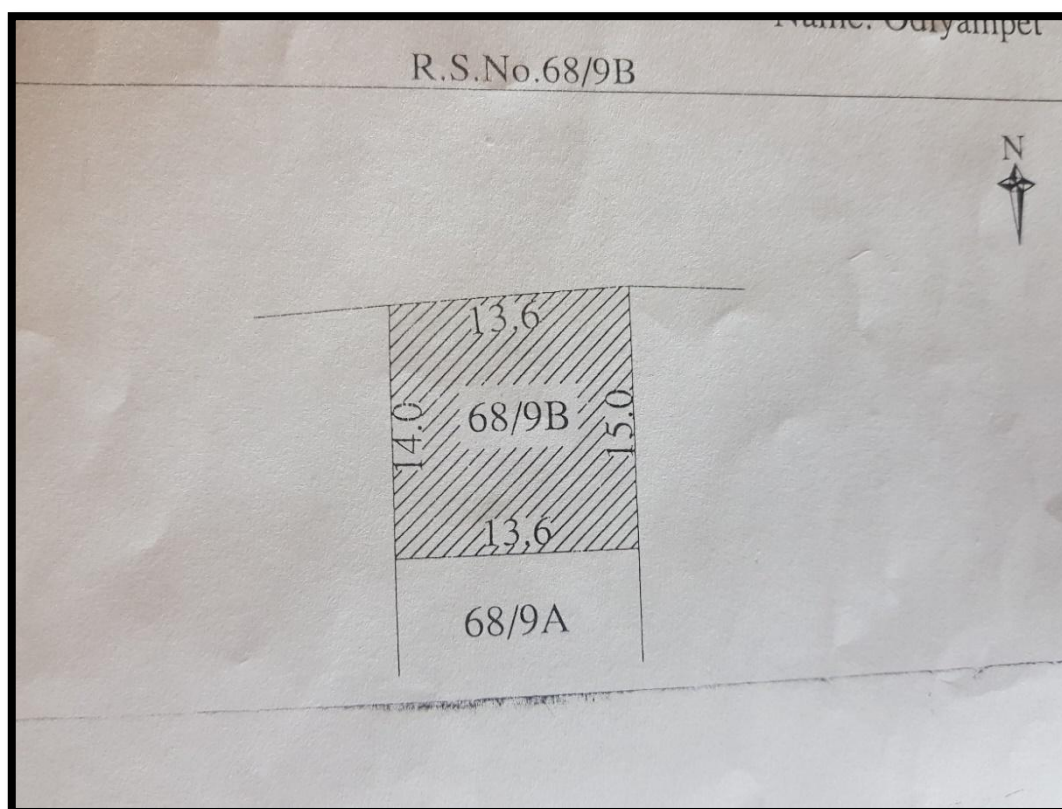
FAMILY SURVEY ODIAMPET REVENUE VILLAGE

I. NAME OF THE OWNER-PARTHASARATHY

SITE No: RS.No: 65/1A

Plot Area : 1033 Sq.ft

MAP



Type of land: Residential vacant plot

Type of Family: Nuclear Family

FAMILY DETAILS:

Name	Age/Sex	Relationship	Qualification	Income	Employment
Parthasarathy	49/M	Owner/Head	8th	12,000/-	Driver
Kalai selvi	42/F	Wife	12th	Nil	Homemaker
Anbarasan	22/M	Son	9 th Polytechnic	Nil	Nil
Mukheshkanna	16/M	Son	12 th	Nil	Student

Family income at present- 12,000/-

EXPECTATIONS FROM THE GOVERNMENT AS CLAIMED BY THE INDIVIDUAL

Parthasarathy has plans of using the plot for Higher Education of Children

RECOMMENDATION OF THE SIAT

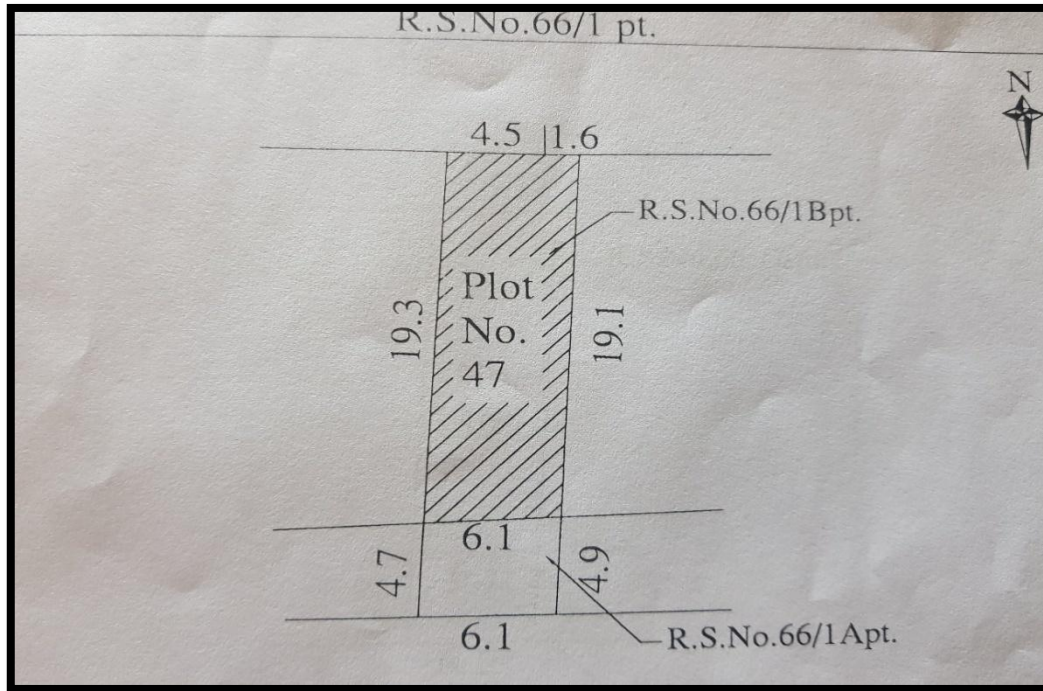
- Compensation for the land as per land acquisition rules.
- Preference for job for children if provisions allow

II. NAME OF THE OWNER- DEVI

SITE No: RS.No: 66/1

Plot Area : 1280 Sq.ft

MAP



Type of land: Residential vacant Plot

Type of Family: Extended Nuclear Family

FAMILY DETAILS:

Name	Age/Sex	Relationship	Qualification	Income	Employment
Devi	38/F	Owner	8th	Nil	Homemaker
Balasubramanian	44/M	Husband	9th	27,000/-	Earning Member of the family
Kanakanbaran	85/F	Mother in law	3rd	Nil	Nil
Ganesh Saran	3/M	Son	Pre kg	Nil	Nil

Family income at present- 27,000/-

**EXPECTATIONS FROM THE GOVERNMENT AS CLAIMED BY THE
INDIVIDUAL**

NIL

RECOMMENDATION OF THE SIAT

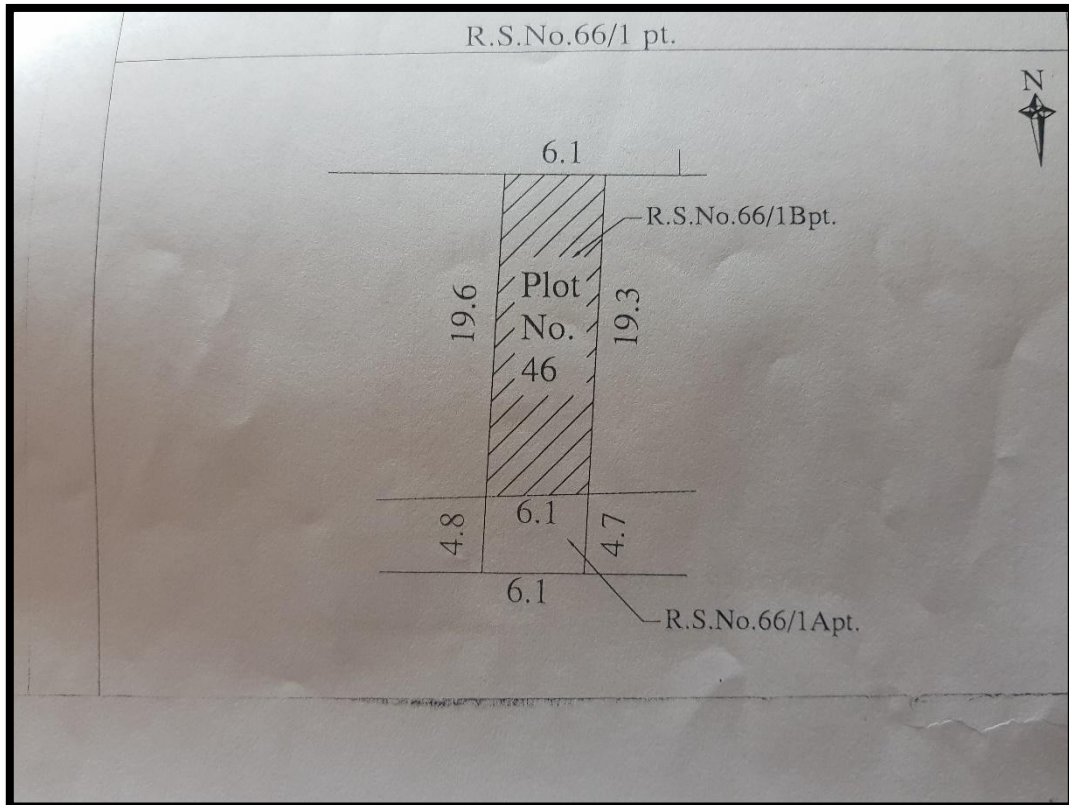
- Compensation for the land as per land acquisition rules.

III. NAME OF THE OWNER- SUNDARI

SITE No: RS.No: 66/1

Plot Area: 1259 Sq.ft

MAP



Type of land: Residential vacant Plot

Type of Family: Nuclear Family

FAMILY DETAILS:

Name	Age/Sex	Relationship	Qualification	Income	Employment
Sundari	55/F	Owner/Head	Illiterate	5,000/-	Coolie
Anantaraman	60/M	Husband	8th	5,000/-	Coolie
Sarada	25/F	Daughter	5 th Std	Nil	Nil
Vijayalakshmi	23/F	Daughter	MBA	Nil	Nil

Family income at present- Nil

**EXPECTATIONS FROM THE GOVERNMENT AS CLAIMED BY THE
INDIVIDUAL**

Income from property: 10,000/-

RECOMMENDATION OF THE SIAT

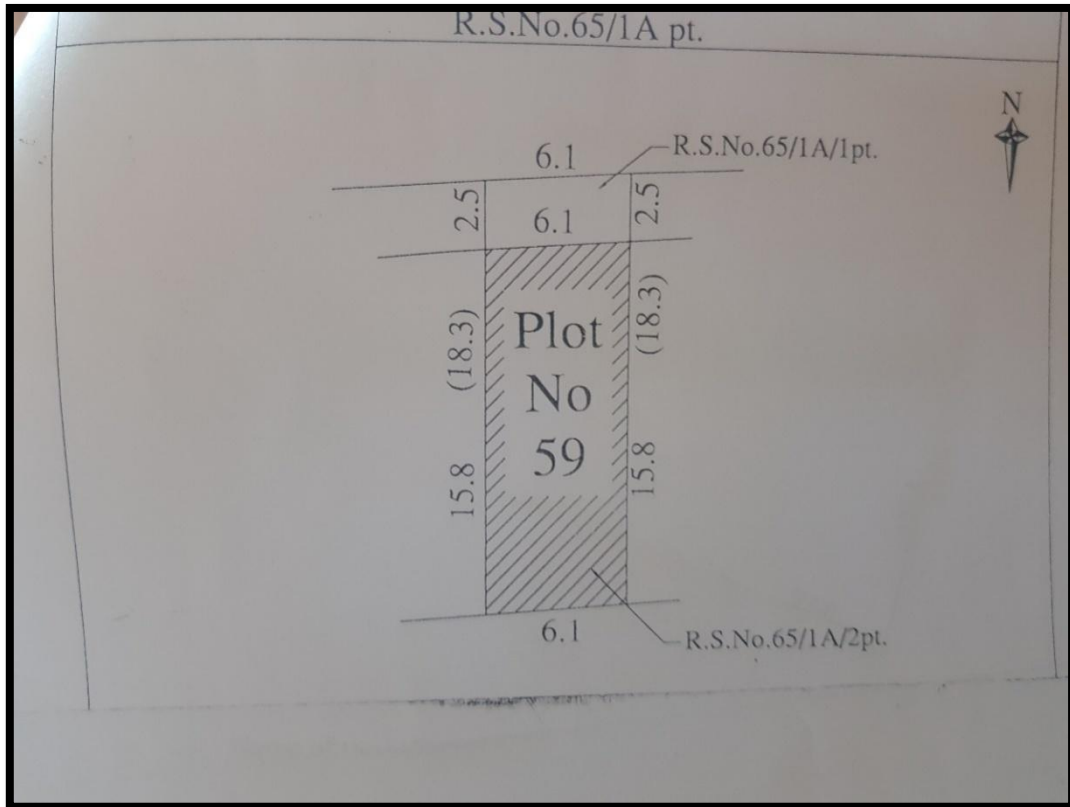
- Compensation for the land as per land acquisition rules.
- Preference for job for children if provisions allow
- Government Job

IV. NAME OF THE OWNER- MANOUSSOJANE

SITE No: RS.No: 68/9B

Plot Area: 2120 Sq.ft

MAP



Type of land: Residential vacant Plot

Type of Family: Nuclear Family

FAMILY DETAILS:

Name	Age/Sex	Relationship	Qualification	Income	Employment
Manoussojane (deceased)	deceased				
Saraswathy	53/F	Wife/ Owner	7th	Nil	Nil
Mazhizvini	29/F	Daughter	BSc Bed (Married)	Nil	Nil
Olirmila	26/F	Daughter	MBBS	40000/-	Doctor
Manjari	25/F	Daughter	B.Tech.	Nil	Nil

Family income at present- Nil

EXPECTATIONS FROM THE GOVERNMENT AS CLAIMED BY THE INDIVIDUAL

Income from property:NIL

RECOMMENDATION OF THE SIAT

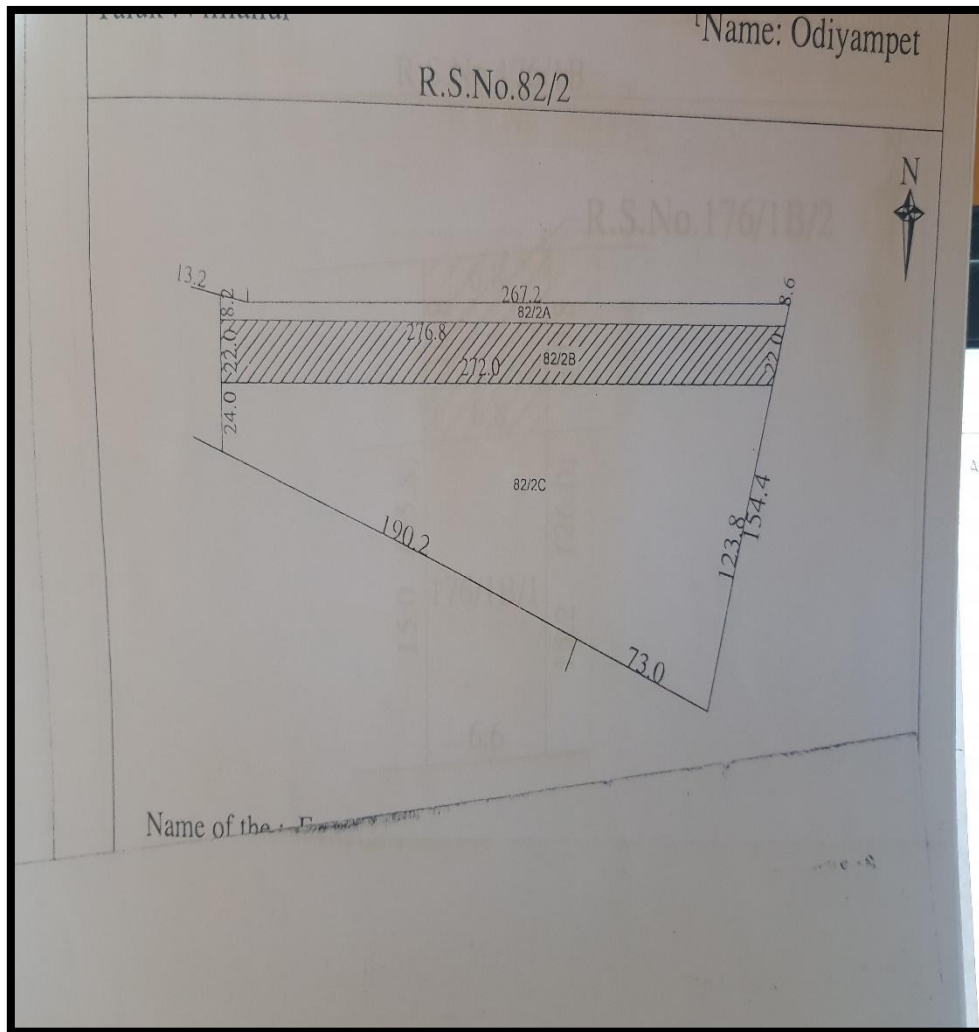
- Compensation for the land as per land acquisition rules.
- Preference for job for children if provisions allow
- Government Job

V. NAME OF THE OWNER-NANDAGOPAL

SITE No: RS.No: 88/2

Plot Area: 65023 Sq.ft

MAP



Type of land: Residential vacant Plot

Type of Family: Joint family living separately nearby (same campus)

I. Nandagopal family details

Name	Age/Sex	Relationship	Qualification	Income	Employment
Nandagopal	55/M	Owner/Head	ITI	15,000/-	Agriculture
Latha @ Pottukanni	46/F	Wife	12 th Std	NIL	Home maker
Renuka	22/F	Daughter	B.Tech.	NIL	Nil
Archana	17/F	Daughter	12 th Std	Nil	Nil
Arunodaya	10/F	Daughter	6 th Std	Nil	Nil

II Brother of Nandagopal: Extended Nuclear family

Name	Age/Sex	Relationship	Qualification	Income	Employment
KarunaKaran	44/M	Brother of Nandagopal	12 th Std	15,000/-	Agriculture
Saraswathy	37/F	Wife	12 th Std	Nil	Home maker
Subashini	12/F	Daughter	8 th Std	Nil	Nil
Suryodar	4/M	Son	LKG	Nil	Nil
Nila	80/F	Mother of Nandagopal, Karunakaran&Arulselvam	Illiterate	Nil	Nil

III Brother of Nandagopal: Extended Nuclear family

Name	Age/Sex	Relationship	Qualification	Income	Employment
Arul Selvam	47/M	Brother of Nandagopal	B.A.	20,000/-	Real estate
Vijayalakshmi	43/F	Wife	MSc. BEd	20,000/-	Home maker
Sujitha	16/F	Daughter	12 th Std	Nil	Nil
Jaishree	11/F	Daughter	6 th Std	Nil	Nil

Family income at present- □ 15,000

EXPECTATIONS FROM THE GOVERNMENT AS CLAIMED BY THE INDIVIDUAL

Income from property: Approximately 2 lakhs per annum (details enclosed)

Income from live-stock: Cattle & poultry to meet out the daily expenses.(details not enclosed)

Family Profile:

The proposed site was bought after the unnatural death of the father of Nandagopal and siblings by disposing their ancestral property (documents enclosed)

Nandagopal, his two brothers and an unmarried sister along for survival. He has been cultivating in the land and rearing livestock until 2015 (Proof enclosed) and has presently stopped cultivation in view of the proposed land acquisition and subsequent action by the Government. They have sought judicial intervention and now the land is barren.

He claims to have divided the land amongst the brothers and have not registered the same due to the pending land acquisition.

RECOMMENDATION OF THE SIAT

- Compensation for the land as per land acquisition rules.
- Loss of revenue may be granted if provisions available
- Incentive factor to be calculated to encourage agricultural income.
- Compensation for livestock

FAMILY PROFILE

FAMILY SURVEY KURUMBAPET REVENUE VILLAGE

I. PALANISAMY METAL INDUSTRIES

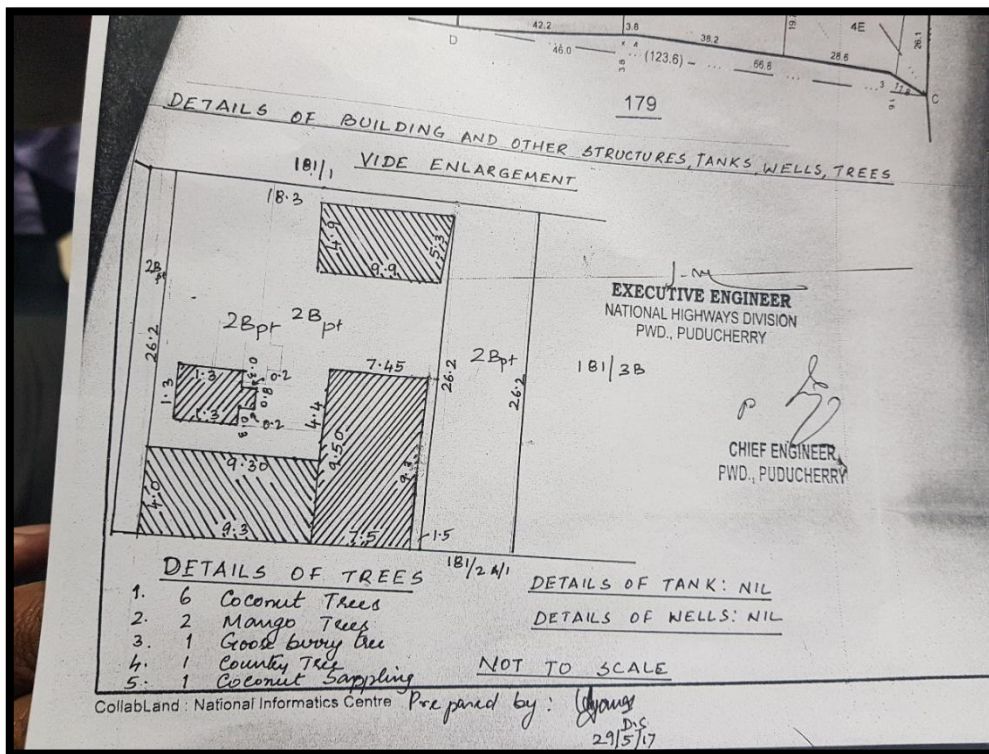
NAME OF THE OWNER

P. THINAKARAN

SITE No: RS.No: 181/2 Pt

Plot Area: 5154 sqft.(479 sqm)

MAP



Type of land: Residency & Commercial

Type of Family: Nuclear

Detail of Family Members:

Name	Age/Sex	Relationship	Qualification	Income	Employment
Thinakaran	58/M	Head of the family	10th	Nil	Self
Sarathy	46/F	Wife	B.Sc home science	Nil	Homemaker
Deepu	15/F	Daughter	9 th STD	Nil	Student
Shantanu	11/M	Son	5 th STD	Nil	Student

Nuclear family consisting of wife and two children. He has been running a small scale industry for the past 21 years, manufacturing of quality aluminium utensils. The small scale industry is not functioning at present due to the land acquisition proposal. Details pertaining to the Industry Viz. Registration details, profit and loss statement are enclosed

Family income at present- Nil

EXPECTATIONS FROM THE GOVERNMENT AS CLAIMED BY THE INDIVIDUAL

1. Compensation for building and house- Valuation report enclosed
2. Compensation for business loss- Debt certificates enclosed
3. Alternate shed for business with 20 Kv Electric supply
4. Cost for shifting and erection of machineries- proposal enclosed

RECOMMENDATION OF THE SIAT

- SIAT observes a loss of 100% for his business due to the land acquisition
- Compensation for land & building as per the provisions of Land acquisition act
- Alternative building in the industrial area (Mettupalayam, Thattanchavady) of adequate area with a power supply of 20kV
- Compensation may be calculated for the loss of consumer base that has been built over these years the industry was running successfully
- Interim relief for the family could be planned as the family is finding hard to meet the daily needs
- 11 trees in the area of acquisition.

FAMILY SURVEY KURUMBAPET REVENUE VILLAGE

II. M/S VISHNU SAW MILL

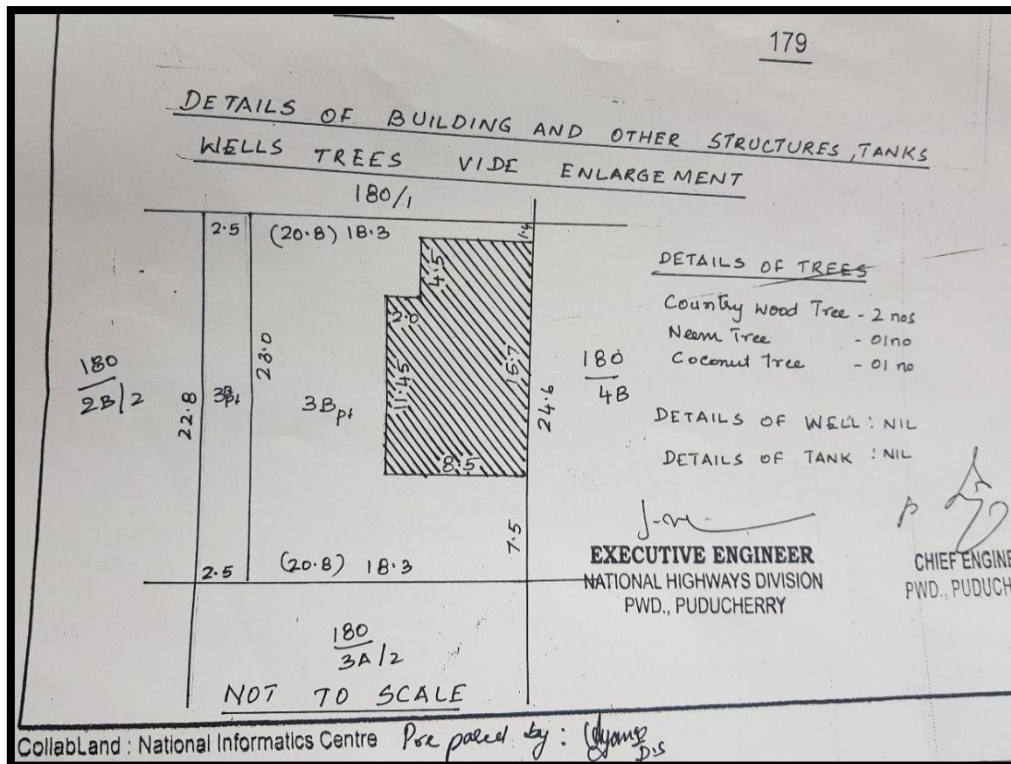
NAME OF THE OWNER

GANGARAM.K

SITE No: RS. No:180/3 Pt

Plot Area:4681 sqft.(435sqm)

MAP



Type of land: Residency & Commercial

Type of Family : Joint family

Detail of Family Members:

Name	Age/Sex	Relationship	Qualification	Income	Employment
Gangaram.K	67/M	Owner/Head	3 rd Std	10,000/-	Self
Shantha Bai	65/F	Wife	2 nd Std	Nil	Homemaker
Rathilal.G	41/M	Son	SSLC	Nil	Helping father
Meenakshi	39/F	Daughter In Law	SSLC	Nil	Homemaker
Harshad.R	17/M	Grandson	12 th	Nil	Nil
Pratham Chowan	13/M	Grandson	8th	Nil	Nil

Joint family consisting of wife and son's family (wife and two sons). He has been running the saw mill since 1994, Due to the acquisition he claims to have shifted the machineries of the saw mill to the area not proposed for acquisition and the business is still running. Details pertaining to the Industry Viz. Registration details, and valuation certificates are enclosed

Family income at present- 10,000/-

EXPECTATIONS FROM THE GOVERNMENT AS CLAIMED BY THE INDIVIDUAL

1. Compensation for building and house- Valuation report enclosed
2. Compensation for business loss.

RECOMMENDATION OF THE SIAT

- SIAT observes a loss of 30% for his business due to the land acquisition
- Compensation for land and building(office & shed) as per the provisions of Land acquisition act
- Compensation may be calculated for the loss of consumer base that has been built over these years the industry was running successfully
- Six trees in the space of land acquisition

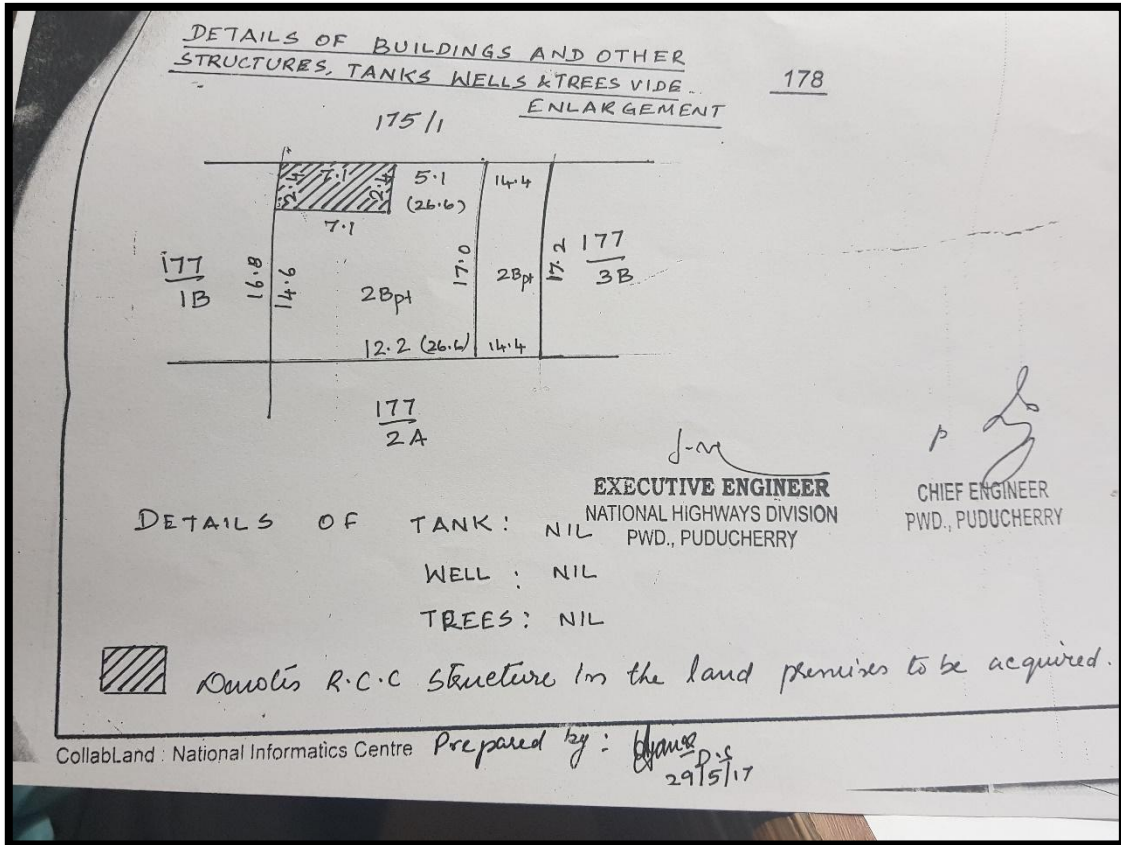
III.Ms. SBK TRADERS

NAME OF THE OWNER – JOTHI

SITE No: RS.No:177/2B pt

PLOT AREA: 2217 sqft.(206 sqm)

MAP



Type of land: Commercial

Type of Family: Joint family

Detail of Family Members:

Name	Age/Sex	Relationship	Qualification	Income	Employment
Chandrasekaran	70/M	Head	High School	12,000/-	Self
Jothi	59/F	Land Owner	SSLC	NIL	Homemaker
Shanmugasundaram.	39/M	Son	8 th	5,000/-	Partner
Balaji	34/M	Son	B.Com	5,000/-	Partner
Nandhini	25/F	Daughter in law	12th	Nil	Homemaker
Krishnamoorthy	33/M	Son	BEES	Nil	Nil
Sivaranjini	25/F	Daughter in law	B.Com	Nil	Nil
Kavya. B	4/F	Granddaughter	Lkg	NIL	Nil
Ashwin.K	3/M	Grand son	Pre Kg	Nil	Nil
Banu.K	1/M	Grand daughter	Nil	Nil	Nil

Joint family consisting of three sons and their family. The son claims that Ms. SBK Traders is a family business started by the father and two sons are currently working in it. The business was shifted to this present place after purchase in 2005. The place is used as a stockyard for barrel junks. Details pertaining to the company Viz. Registration details, is enclosed.

Family income at present- 22,000/-

EXPECTATIONS FROM THE GOVERNMENT AS CLAIMED BY THE INDIVIDUAL

1. Compensation for building and land - Valuation report enclosed
2. Compensation for business loss
3. Compensation for medical incapacitation to do work for father.(suffered myocardial infarction) details enclosed
4. Cost for shifting of stored materials.

RECOMMENDATION OF THE SIAT

- SIAT observes a loss of 55% for his business due to the land acquisition
- Compensation for land & building as per the provisions of Land acquisition act
- Compensation may be calculated for the loss of consumer base that has been built over these years the industry was running successfully

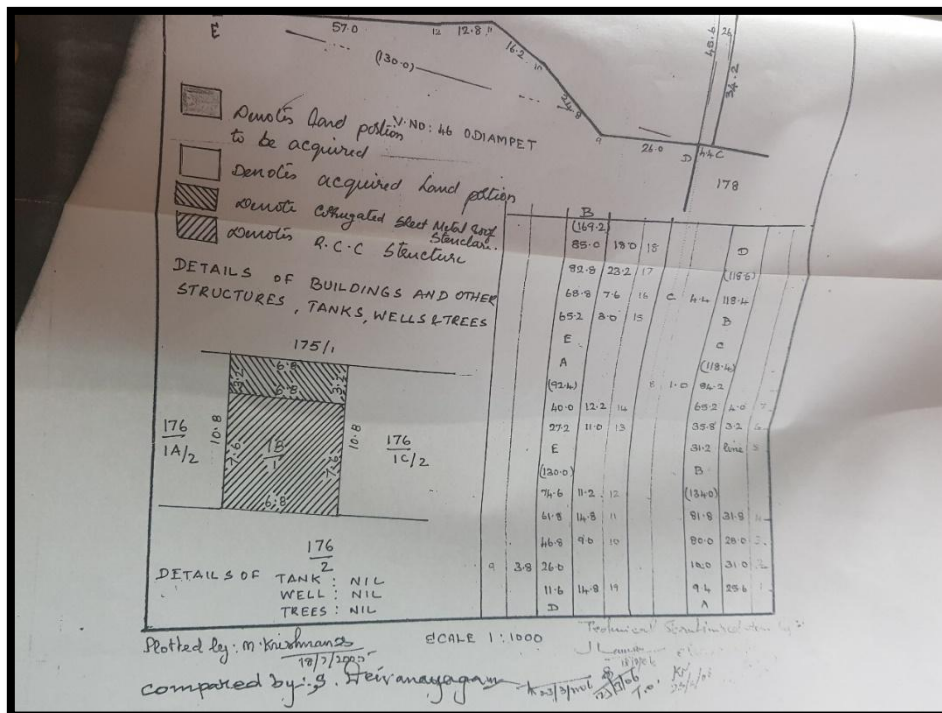
IV. BHARATHI BAKERY

NAME OF THE OWNER- K.P. NANU

SITE No: RS.No: 176/1B/2 Pt

Plot Area: 785 sqft.(73 sqm)

MAP



Type of land: Residency & Commercial

Type of Family: Nuclear family

Detail of Family Members:

Name	Age/Sex	Relationship	Qualification	Income	Employment
Nanu.K.P	63/M	Head/Owner	7th	30,000/-	Business
K. Suganya	60/F	Wife/ Land owner	7th	Nil	Homemaker
N. Bharathi	29/F	Daughter	M.Sc.B.Ed.	Nil	Nil
N. Prashob	26/M	Son	B.Tech.	Nil	Nil

Nuclear family consisting of wife and two children. He has been running the bakery since 1991, manufacturing bakery products. Details pertaining to the Industry Viz. Registration details, profit and loss statement are enclosed

Family income at present- 30,000

EXPECTATIONS FROM THE GOVERNMENT AS CLAIMED BY THE INDIVIDUAL

1. Compensation for building and house- Valuation report enclosed
2. Compensation for business loss
3. Compensation for remodelling for setting bakery and building new place for baking unit.
4. Cost for shifting equipment and showcase

RECOMMENDATION OF THE SIAT

- SIAT observes a loss of 100% for his business due to the land acquisition
- Compensation for land as per the provisions of Land acquisition act
- Compensation for construction of new building for baking unit and setting a bakery.
- Compensation may be calculated for the loss of consumer base that has been built over these years the industry was running successfully

FAMILY SURVEY ODIAMPET REVENUE VILLAGE (LGR)

1. There are five pattas in total.
2. One Tmt. Shakthi does not want to relocate citing surveyor oral opinion that her house is not affected.
3. Rest of the four pattas needs alternative site for reallocation.
4. Patta of Tmt. Kasturi has a concrete building of two floor (ground floor and 1st floor) the building was constructed with a building grant received from the Government.
5. Tmt. Parvathi has a concrete building.
6. Tmt. Nagarani ha a asbestos sheet building.
7. Tmt. Thaiyanayagi has a roof tiled house, partially damaged due to Thane Cyclone. Now living with her daughter as she was not able to repair the house due to insufficient funds.

NAME OF THE OWNER- KASTHURI

LGR No: 559/2000

Proposed Area: 0.00.36 Hectare

Type of Family: Nuclear Family

Name	Age/Sex	Relationship	Qualification	Income	Employment
Kasthuri	62/F	Owner/Head	5 th Standard	Widow Pension	Earning Member of the family
Ramesh	33/M	Son	5 th Standard	Nil	-

Family income at present- Nil

**EXPECTATIONS FROM THE GOVERNMENT AS CLAIMED BY THE
INDIVIDUAL**

Income from property :NIL

RECOMMENDATION OF THE SIAT

- Alternate land of similar area as per LGR
- Compensation for existing building after evaluation according to permissible rule.

FAMILY SURVEY ODIAMPET REVENUE VILLAGE (LGR)

NAME OF THE OWNER- PARVATHI

MVP No: 18/2003

Proposed Area : -

Type of Family : Extended nuclear Family

FAMILY DETAILS

Name	Age/Sex	Relationship	Qualification	Income	Employment
Parvathi	48/F	Owner/Head	2 nd standard	5,000/-	Earning Member of the family
Ilayakani	26/F	Daughter	4 th standard	Nil	Nil
Jaya Murali Krishna	33/M	Son-in-law	5 th standard	Nil	Nil
Priyadarshini	13/F	Grand daughter	8 th standard	Nil	Nil
Jabavarthini	10/F	Grand daughter	5 th standard	Nil	Nil

Family income at present- 5,000/-

EXPECTATIONS FROM THE GOVERNMENT AS CLAIMED BY THE INDIVIDUAL

Income from property :NIL

RECOMMENDATION OF THE SIAT

- Alternate land of similar area as per LGR
- Compensation for existing building after evaluation according to permissible rule.

FAMILY SURVEY ODIAMPET REVENUE VILLAGE (LGR)

NAME OF THE OWNER-NAGARANI

LGR No: 557/2000

Proposed Area : 0.00.42 hectares

Type of Family : Extended nuclear Family

FAMILY DETAILS:

Name	Age/Sex	Relationship	Qualification	Income	Employment
Nagarani W/o. Velayutham (Late)	49/F	Owner/Head	5 th standard	10,000/-	Anganwadi Aaya
Sasi	25/F	Daughter	B,Sc, Nursing	12,000/-	Nurse
Priya	13/F	Daughter	12 th standard	Nil	Nil

Family income at present- 22,000/-

EXPECTATIONS FROM THE GOVERNMENT AS CLAIMED BY THE INDIVIDUAL

Income from property:NIL

RECOMMENDATION OF THE SIAT

- Alternate land of similar area as per LGR
- Special recommendations as they are Malaikuravar (Backward Tribe)

FAMILY SURVEY ODIAMPET REVENUE VILLAGE (LGR)

NAME OF THE OWNER -THAIYANAYAGI

LGR No: 556/2000

Proposed Area: 0.00.41 Hectare

Type of Family: Nuclear Family

FAMILY DETAILS:

Name	Age/Sex	Relationship	Qualification	Income	Employment
Thaiyanayagi W/o. Ramanujam	70/F	Owner/Head	Nil	Nil	Nil
Venkatesan	37/M	Son	10 th standard	4,500/-	unorganised
Savitha	27/F	Daughter-in-law	10 th standard	Nil	Nil
Madhini	15/F	Grand daughter	4 th standard	Nil	Nil

Family income at present- 4,500/-

EXPECTATIONS FROM THE GOVERNMENT AS CLAIMED BY THE INDIVIDUAL

Income from property :NIL

RECOMMENDATION OF THE SIAT

- Alternate land of similar area as per LGR

INCOME DETAILS:

INCOME SURVEY – ODIAMPET

Sl.No.	Name	R.S.No.	Income
1.	Parthasarathy	65/1A	12,000/per month
2.	Devi	66/1	27,000/-per month
3.	Sundari	66/1	10,000/-per month
4.	Saraswathy	68/9B	40,000/-per month
5.	Nandagopal	88/2	15,000/-per month

INCOME SURVEY – LGR ODIAMPET

Sl.No.	Name	LGR.No.	Income
6.	Kasthuri	559/2000	2,000/per month
7.	Parvathi	MVP NO.18/2003	5,000/-per month
8.	Nagarani	LGR 557/2000	22,000/-per month
9.	Thaiyanayagi	71/11	4,500/-per month

INCOME SURVEY – KURUMBAPET

Sl.No.	Name	R.S.No.	Income
1.	Dinakaran	181/2	NIL
2.	VishnuGangaran Saw mill	180/3	10,000/-per month
3.	Jothi (Barrel)	177/2	22,000/-per month
4.	Suganya Bharathi (Bakery)	176/1B	30,000/-per month

DETAILS OF ASSESTS OWNED

Enclosed in Annexures in Individual format

INDEBTNESS:

(As claimed by the individual)

Palanisamy Metal Industries

Debt: 8,42,500/-

Enclosed in Annexures in Individual format

DETAILS OF AFFECTED STRUCTURE:

Kurumbapet:

Residential / (tenants)

1. House of P. Thinakaran(Palanisamy Metal Industries)
2. House of Nanu(Bharathi Bakery)

Commercial

1. Palanisamy Metal Industries
2. Vishnu Saw mill
3. SBK traders(Scraps)
4. Bharathi Bakery

BUSINESS / EMPLOYEES -KURUMBAPET

Palanisamy Metal industries- 7 workers.

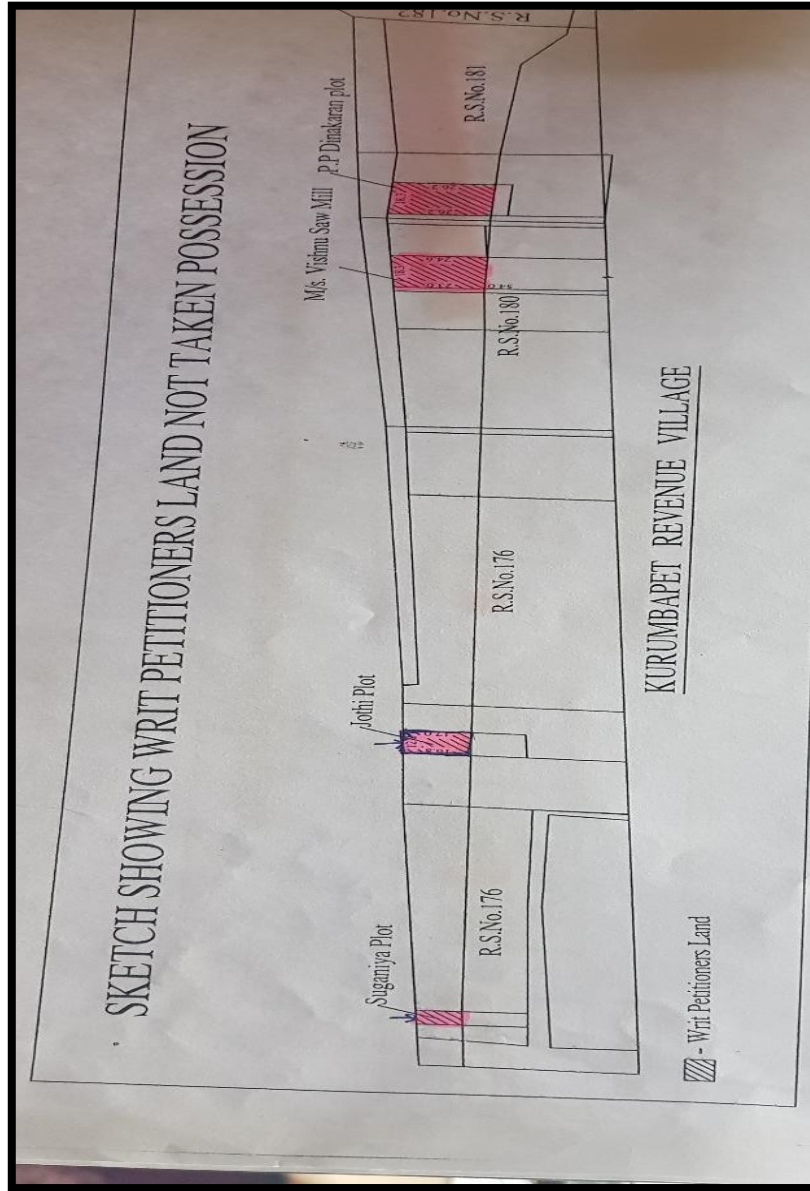
Vishnu saw mill- 7 workers and family members

SBK Traders- 5 workers, family members

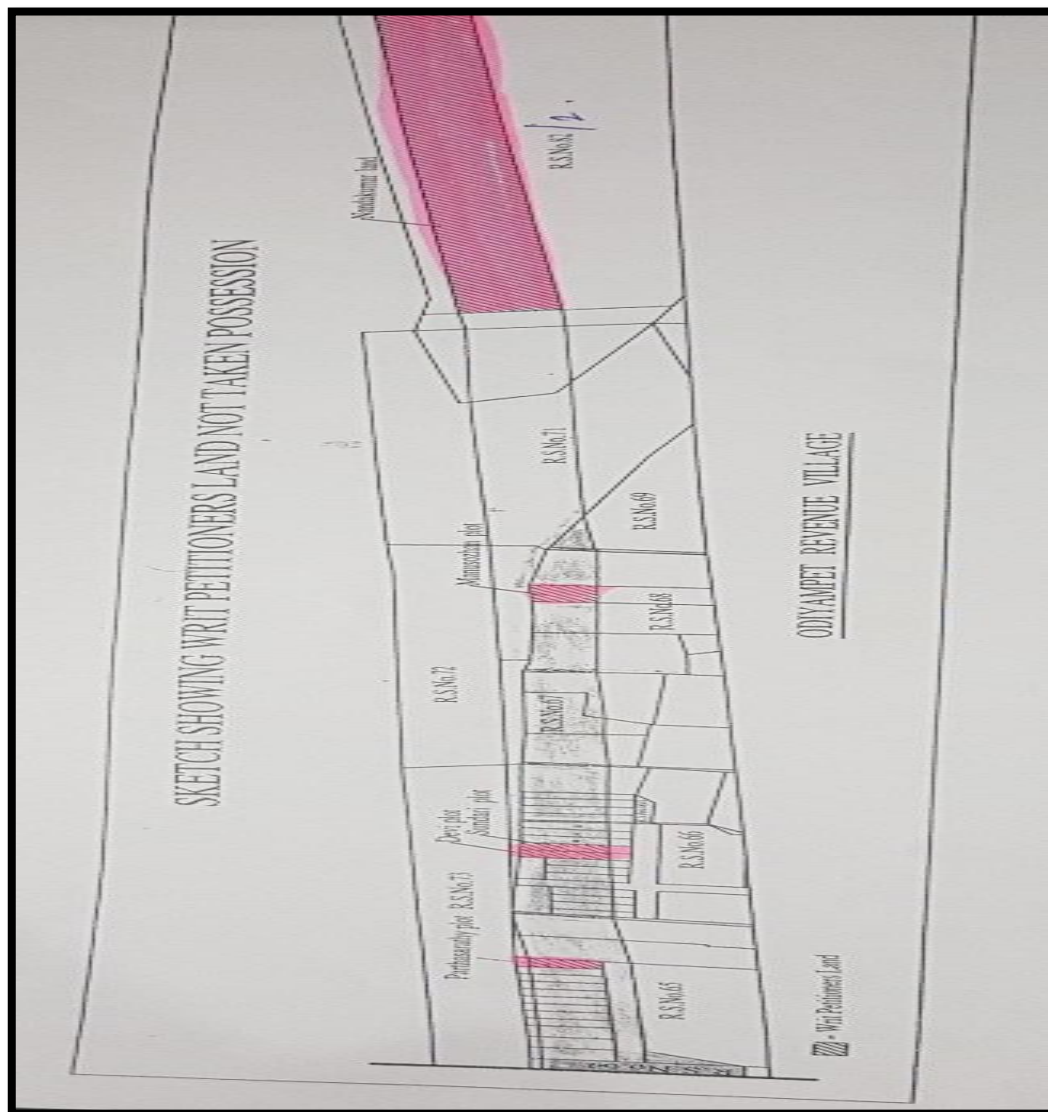
Bharathi Bakery- 7 workers , 2 partners and part time workers

Location Map and Map of affected Area

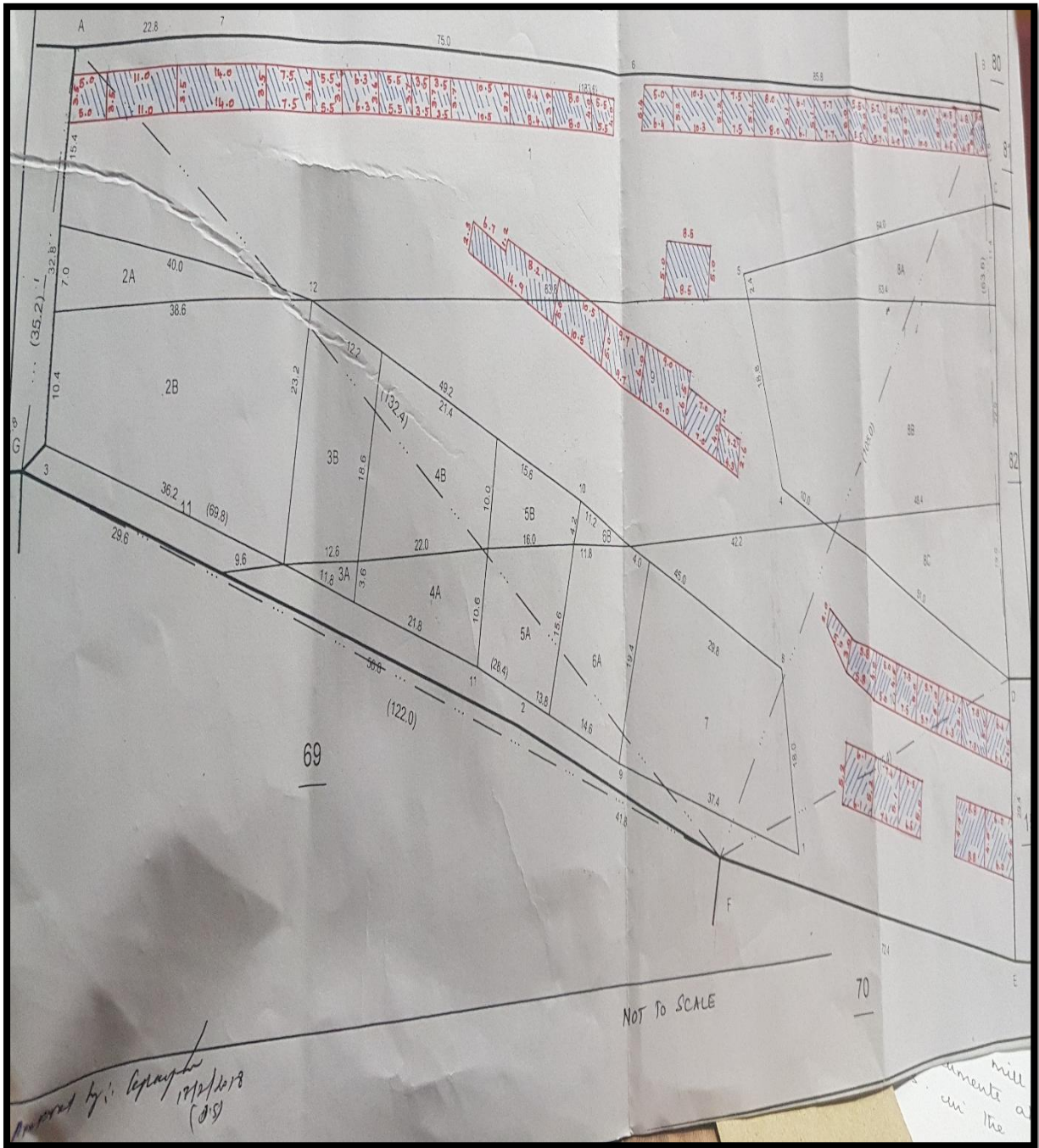
KURUMBAPET REVENUE VILLAGE



ODIAMPET REVENUE VILLAGE MAP



ODIAMPET- LGR PATTA MAP



Resettlement Preferences:

Four families of the LGR patta need to be rehabilitated with a suitable residence before undertaking land acquisition. This aspect has to be discussed with Social Impact Assessment Unit and NHAI project Engineer and site for temporary placement for Unorganised labourer during the commissioning phase

RECOMMENDATIONS:

GENERAL

There is an irrigational canal connecting Ousuteri and Uppalam and a tributary for irrigation of agriculture. It is observed that the canal is not flowing in its original course and has been diverted. Care to be taken to ensure the course of the canal so that the overflow of water is not disrupted any time.

There is a school near the main road in Kamaraj Nagar, Manaveli with a population of 386. Number of students crossing the road is 69 and parents is 90. Things to be considered in this region is Traffic congestion during school timing 7.30 – 9.00 a.m and 4.30 – 6.00 p.m. School zone demarcation considerations to be excised for the safety of children and parents. Possibility of widening the road or service road can be considered for safety and to ease traffic congestion during school opening and closing times.

The condition of the existing alternate route is to be improved.

It was observed by the TEAM that the diversion of the temporary road is not been strictly implemented leading to frequent traffic congestion along the road, Hence Strict traffic diversion including two wheelers(one way) may be recommended in discussion with the traffic police for the region.

The formation of the temporary road has rendered the adjacent lands low lying leading to stagnation of rain waters during monsoon. Hence adequate drainage facility of the stagnant water through proper drainage along the road is recommended to prevent water and vector borne diseases.

KURUMBAPET VILLAGE

I. P. THINAKARAN-Palanaisamy metal industry

- SIAT observes a loss of 100% for his business due to the land acquisition
- Compensation for land & building as per the provisions of Land acquisition act
- Alternative building in the industrial area (Mettupalayam, Thattanchavady) of adequate area with a power supply of 20kV
- Compensation may be calculated for the loss of consumer base that has been built over these years the industry was running successfully

II. M/S VISHNU SAW MILL

- SIAT observes a loss of 30% for his business due to the land acquisition
- Compensation for land and building(office & shed) as per the provisions of Land acquisition act
- Compensation may be calculated for the loss of consumer base that has been built over these years the industry was running successfully
- Six trees in the space of land acquisition

III.Ms. SBK TRADERS

- SIAT observes a loss of 55% for his business due to the land acquisition
- Compensation for land & building as per the provisions of Land acquisition act

Compensation may be calculated for the loss of consumer base that has been built over these years the industry was running successfully

1V. BHARATHI BAKERY

- SIAT observes a loss of 100% for his business due to the land acquisition
- Compensation for land as per the provisions of Land acquisition act
- Compensation for construction of new building for baking unit and setting a bakery.
- Compensation may be calculated for the loss of consumer base that has been built over these years the industry was running successfully

ODIAMPET REVENUE VILLAGE

I. NAME OF THE OWNER-PARTHASARATHY

- Compensation for the land as per land acquisition rules.
- Preference for job for children if provisions allow

II. NAME OF THE OWNER- DEVI

- Compensation for the land as per land acquisition rules.

III. NAME OF THE OWNER- SUNDARI

- Compensation for the land as per land acquisition rules.
- Preference for job for children if provisions allow
- Government Job

IV. NAME OF THE OWNWER- MANNOUSSOJANE

- Compensation for the land as per land acquisition rules.
- Preference for job for children if provisions allow
- Government Job

V.NAME OF THE OWNER- NANDAGOPAL

- Compensation for the land as per land acquisition rules.
- Loss of revenue may be granted if provisions available
- Incentive factor to be calculated to encourage agricultural income.
- Compensation for livestock

ODIAMPET-LGR PATTA

1. NAME OF THE OWNER- KASTHURI

- Alternate land of similar area as per LGR
- Compensation for existing building after evaluation according to permissible rule.

2. NAME OF THE OWNER- PARVATHI

- Alternate land of similar area as per LGR
- Compensation for existing building after evaluation according to permissible rule.

3. NAME OF THE OWNER-NAGARANI

- Alternate land of similar area as per LGR
- Special recommendations as they are Malaikuravar (Backward Tribe)

4. NAME OF THE OWNER -THAIYANAYAGI

- Alternate land of similar area as per LGR

CONCLUSION

The social impact assessment team has done the plan of work as mentioned above and consolidated the report. Further discussions can be made to consider the recommendations and help the residents and owners of the proposed area for acquisition which come under the land acquisition act.

FORM – III(see sub-rule (5) of rule 10)

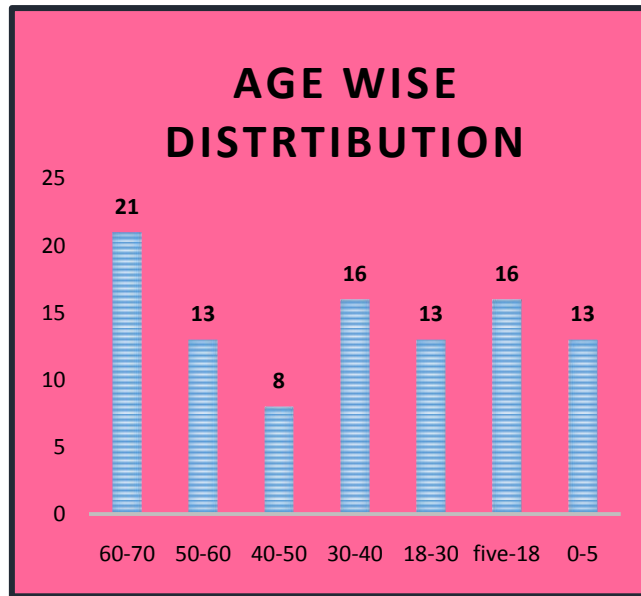
KURUMBAPET

Part – A: List of socio-economic and cultural parameters to be covered by the Social Impact Assessment.

1. DEMOGRAPHIC DETAILS OF THE POPULATION IN THE PROJECT AREA:-

(a) Age Caste Religion

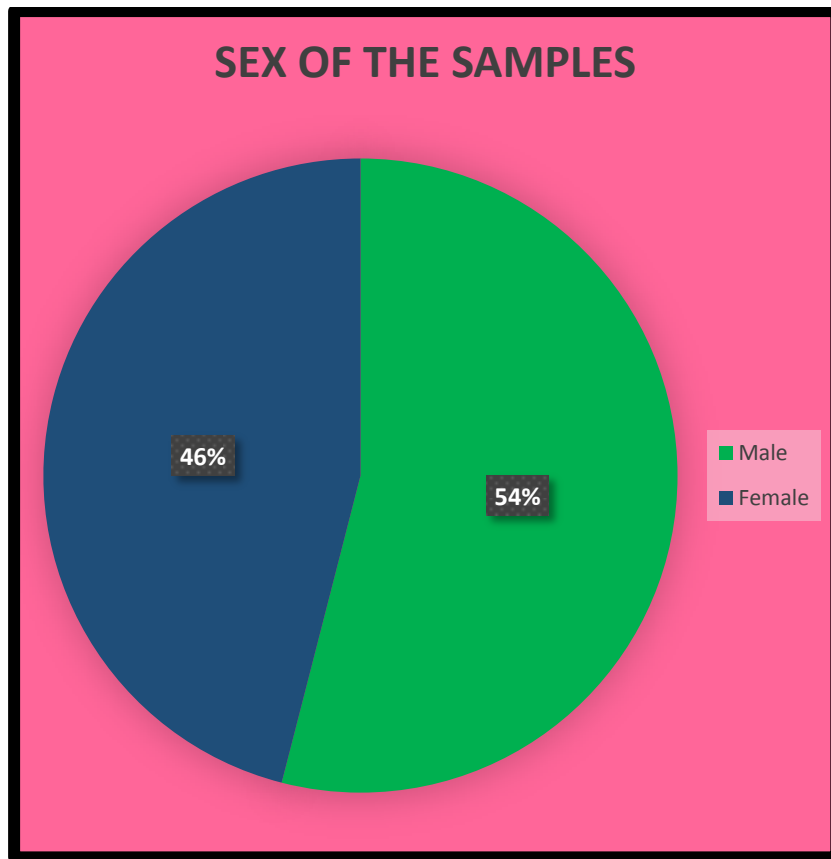
Sl.No.	Age groups	Nos.	Percentage
1.	60-70	5	21
2.	50-60	3	13
3.	40-50	2	08
4.	30-40	4	16
5.	18-30	3	13
6.	5-18	4	16
7.	0-5	3	13
	Total	24	100



- Nearly 21 percentage are elderly.
- About 16 percentage each are of school going and in the age range of 30-40 yrs.
- Only a minimum of 13 percentage are found in less than five category and in 18-30 years of age

SEX OF THE SAMPLES

Sl. No	SEX	NUMBER	PERCENTAGE
1.	Male	13	54
2.	Female	11	46
3.	Total	24	100

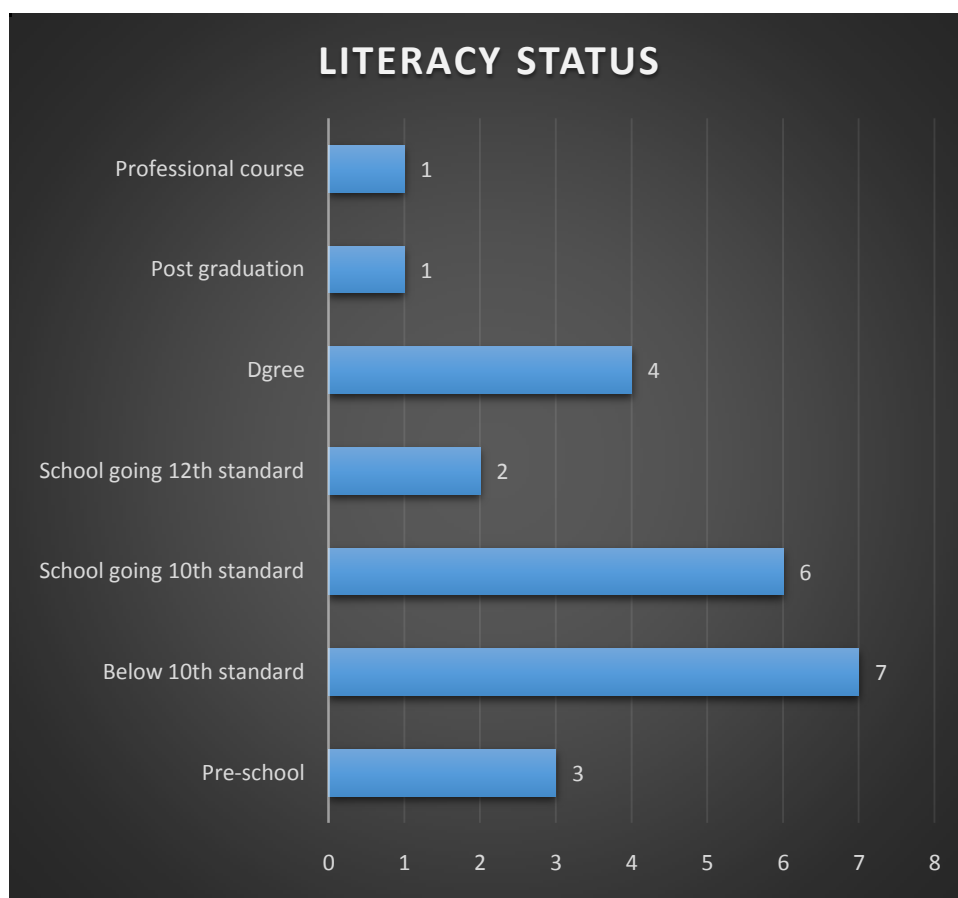


On collection of data it was observed that 54 percentage of the samples were male and remaining 46 percent are females

RELIGION: All the samples were Hindu

LITERACY:

1.	Pre-school	3
2.	Below 10 th standard	7
3.	School going 10 th standard	6
4.	School going 12 th standard	2
5.	Degree	4
6.	Post-graduation	1
7.	Professional course	1



Health status:-

1.	Mentally challenged	NIL
2.	Physically challenged	NIL
3.	Orphan	NIL
4.	Destitute	NIL

Nutritional status:-

VULNERABLE GROUPS

1.	Women	7 (Adolescent to 60)
2.	Children	3
3.	The elderly	5

4.	Women-headed households	NIL
5.	The differently abled	NIL



Kinship patterns and women's role in the family

All families are patriarchal 2 properties (Bakery and Barrel) Ladies 2 (Aluminium) and saw mill in men's name

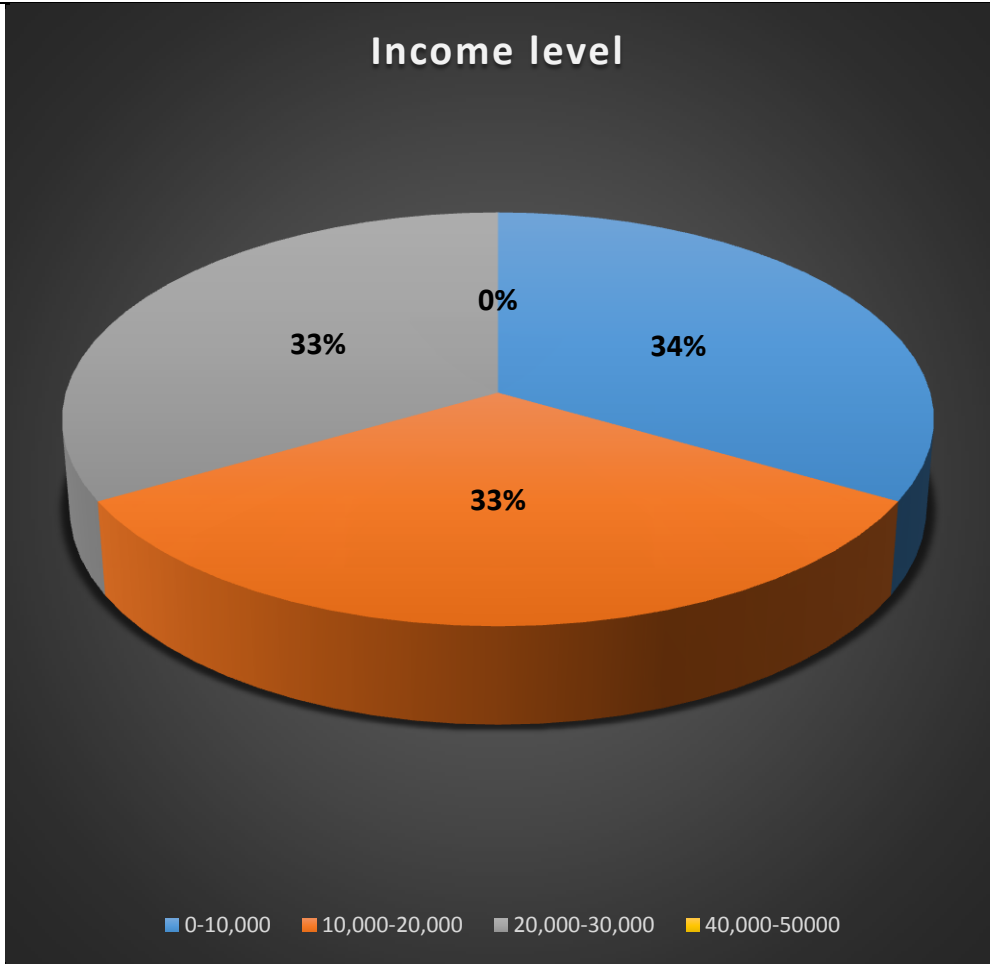
1.	Social and cultural organisation	NIL
2.	Administrative organisation	NIL
3.	Political organisation	NIL
4.	Civil society organisations and social movements	NIL

A. LAND USE AND LIVELIHOOD:

Vishnu saw mill	Coconut tree	2
	Neem tree	1
	Drumstick tree	1

Aluminium Factory		
	Thoongumoonji tree	1
	Coconut tree	6
	Amla tree	1
	Mango tree	2
	Country Tree	1

B.	Quality of land soil, water, tree etc. Water quality is good	
C.	Livestock	NIL
D.	Formal and informal work and employment All are self employed	
E.	Household division of labour and women's work All women are home makers	
F.	Migration	NIL
G.	Household income levels	
	□10 - □ 20,000	1
	□20,000 - □ 30,000	1
	□30,000 - □ 40,000	1
	□40,000 - □ 50,000	-

H.	<p style="text-align: center;">Income level</p>  <p style="text-align: center;">LIVELIHOOD PREFERENCES</p> <p>All are prefer to continue to do existing business</p>	
I.	<p>FOOD SECURITY</p> <p>Pazhanisamy metal industries) Alluminium factory family is highly economically affected and lack food security and other three families are secured food access</p>	

LOCAL ECONOMIC ACTIVITIES:-

A.	Formal and informal, local industries	NIL
B.	Access to credit	
C.	Wage rates	Wage rate for people working in Bakery/Saw mill/Aluminium factories are fixed at Government rates.
D.	Specific livelihood activities in which the women are involved	NIL

FACTORS THAT CONTRIBUTE TO LOCAL LIVELIHOODS:-

Access to natural resources	NIL
Private assets	NIL
Roads, transportation	Roads and transportation need to be improved
Irrigation facilities	Good
Access to markets	Good
Tourist sites	NIL
Livelihood promotion programme	-
Co-operatives and other livelihood-related associations	Good

QUALITY OF THE LIVING ENVIRONMENT:-

a.	Perceptions, aesthetic qualities, attachment and aspirations	the said qualities are prevalent but feeble due to present conditions
b.	Settlement pattern	3 Nos. of houses attached with business units
c.	Houses	Permanent structure – 3 Nos
d.	Community and civic spaces	NIL
e.	Sites of religious and cultural meaning	Few temples are found

Physical infrastructure (including water supply, sewage system etc :-

Water supply Municipality, sewage temporary drainage system

Public service infrastructure schools, health facilities, Anganwadi centres, public distribution system):-

a.	Public distribution system	Found to be there
b.	Anganwadi centre	Yes, 1 no
c.	Sub-centre (Health)	Yes, 1 no
d.	Safety, crime, violence	NIL, safe to live
e.	Social gathering points for women	NIL

FORM - III

SOCIAL IMPACT ASSESSMENT REPORT

Part - A: *List of socio-economic and cultural parameters to be covered by the Social Impact Assessment.*

Part - B: Key impact areas.

1. (a) Level and type of employment : All are self employed
- (b) Intra-household employment patterns : NIL
- (c) Income levels : Strong impact on their income levels as the Alumunium factory is not functioning but all other factories are functioning
- (d) Food security : Food security is low especially Alumunium factory
- (e) Standard of living : Standard of living has come down
- (f) Access and control over productive resources : -
- (g) Economic dependency or vulnerability : High
- (h) Disrupt of local economy : NIL
- (i) Impoverishment risk : Due to lack of functioning of industry, the poverty level has increased
- (j) Women's access to livelihood alternatives : Does not arise as it does not exist

2. Impact on physical resources:-

- (a) Impact on natural resources, soil, air, water, forests : Does not arise, air pollution might increase in the construction commissioning phase
- (b) Pressures on land and common property natural resources for livelihood : Does not arise

3. Impact on private assets, public services and utilities:-

- (a) Capacity of existing health and education facilities : Not affected
- (b) Capacity of housing facilities : Affected (Aluminium factory and Bakery)
- (c) Pressure on supply of local services : NIL
- (d) Adequacy of electrical and water supply, roads, sanitation and waste management system : Electrical line are not affected, water supply is affected as water pipelines go under the Saw mill. Roads are badly affected, sanitation and water management will be affected
- (e) Impact on private assets such as bore-well, temporary sheds, etc : No Bore well, Saw mill will be affected

4. Health impact:-

- (a) Health impact due to immigration : Possibility of sanitation issues for migrating workers. Health issue could be possible during rain for the migrating workers
- (b) Health impact due to project activities with a special emphasis etc : Settlement on the northern side of the lane adjacent to railway track are likely to be affected Proper alternative route for safe transport of

elderly and pregnant women.
Access to local and public
transport may be
emphasised

(i) Impact on women's health : -

(ii) Impact on the elderly : -

5. Impact on cultural and social cohesion

(a) Transformation of local political structures : Does not arise

(b) Demographic changes : Does not arise

(c) Shift in the economy-ecology balance : No major change in ecological balance, there is a decrease in economy due to disruption of road

(d) Impact on the norms- beliefs, values and cultural life : Does not arise

(e) Crime and illicit activities : Careful watch of migration workers

(f) Stress of dislocation : present evidently

(g) Impact of separation of family cohesion : Not applicable

(h) Violence against women : No direct influence predicted

6. Impact at different stages of the project cycle the type, timing, duration and intensity of social impact will depend on and relate closely to the stages of the project cycle. Below is an indicative list of impacts:-

(a) Pre construction phase:-

(i) Interruption in the delivery of services : Yes

(ii) Drop in productive investment : Yes

- (iii) Land speculaton : Yes
- (iv) Stress of uncertainty : Yes
- (b) Construction phase
 - (i) Displacement and relocation : Yes
 - (ii) Influx of migrant construction work force : Yes
 - (iii) Health impacts on those who continue to live close to the construction site : Yes, respiratory problem due to air pollution, vector born diseased sue to stagnation of water, water born diseases due to poor sanitation
- (c) Operation phase:-
 - (i) Reduction in employment opportunities compared to the construction phase : Does not arise
 - (ii) Economic benefits of the project : Land value will increases, access to resources will improve, overall economy is likely to improve
 - (iii) Benefits on new infrastructure : Benefits on new infrastructure, Traffic congestion will be eased reduction time of travel to Villupuram because of by-pass, traffic congestion in Puducherry will be reduced
 - (iv) New pattern of social organisation : New pattern of social organisation is possible
- (d) De-commissioning phase:-
 - (i) Loss of economic opportunities : -
 - (ii) Environmental degradation and its impact on livelihoods : Major effects due to decommissioning cannot be predicted neither ruled out

(e) Direct and indirect impacts:-

- (i) "Direct impact" will includes all impacts that are likely to be experienced by the affected families (i.e. direct land and livelihood losers) : Enclosed separately
- (ii) "Indirect impact" will include all impacts that may be experienced by those not directly affected by the acquisition of land, but, those living in the project area. : Enclosed separately

(f) Differential impacts:-

- (i) Impact on women, children, the elderly and the differently abled : Impact on differentially abled
- (ii) Impacts identified through tools such as gender impact assessment checklists and vulnerability and resilience mapping : Not done

(g) Cumulative impacts:-

- (i) Measureable and potential impacts of other projects in the area along with the identified impacts for the project in question. : Not applicable
- (ii) Impact on those not directly in the project area but beased locally or even regionally : Transport facilities and proper direction of alternative routes is a must

ODIAMPET REVENUE VILLAGE

FORM – III

(see sub-rule (5) of rule 10)

Part – A: List of socio-economic and cultural parameters to be covered by the Social Impact Assessment.

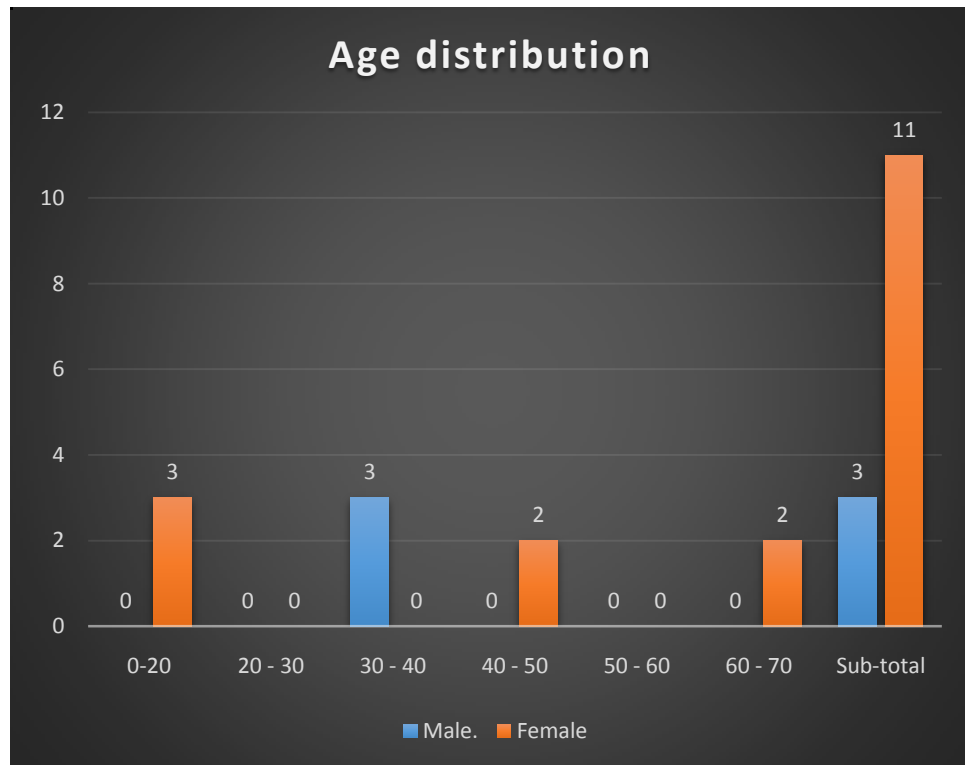
1. Demographic details of the population in the project area:-

(a) Age, sex, caste, religion:-

Age:-

Age groups	Male.	Female
10 – 20	-	3
20 – 30	-	4
30 - 40	3	-
40 - 50	-	2
50 - 60	-	-
60 - 70	-	2
Sub-total	3	11
Total	14	

Among the total 4 families – majority of women are of 20 – 30 years of age and 2 women belonged to 60 – 70 years of age.



Sex:-

Male	3
Female	11
Total	14

From the few families, it was found there were 3 male and 11 females

Religion : All are Hindu

Caste : BT – 1, BC – 2, OBC –1

On analysing their caste 2 families were Backward caste, one was Backward Tribe and one family belonged to Other Backward Caste

(b) Literacy, health, and nutritional status:-

Literacy:-

Pre-school	:	0
Below 10 th standard	:	10
School going 10 th standard	:	2
School going 12 th standard	:	1
Dgree	:	0
Post graduation	:	0
Professional course	:	1
Total	:	14

Enquiring about their educational qualification, it was found majority were less than 10th qualified, two were 10th pass, one 12th pass and one studied Nursing course.

Health status:-

Mentally challenged	:	} All are physically, mentally fit and none Orphans, Destitute
Physically challenged	:	
Orphan	:	
Destitute	:	

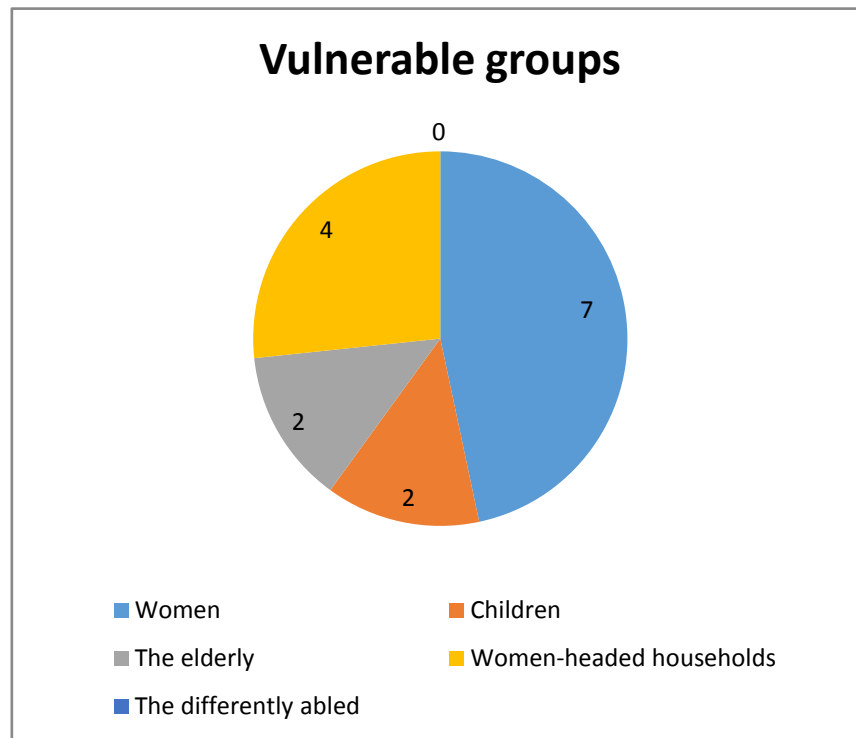
Nutritional status : to be collected from health centre (sub-centre)

2. Poverty Level : All are red ration Card holders – below poverty line

3. Vulnerable groups

- (a) Women : 7
- (b) Children : 2
- (c) The elderly : 2
- (d) Women-headed households : 4
- (e) The differently abled : NIL

On examining the vulnerable group, it was found 2 were aged and 4 were women and 2 were children. All 4 families were women headed and none were differently abled.



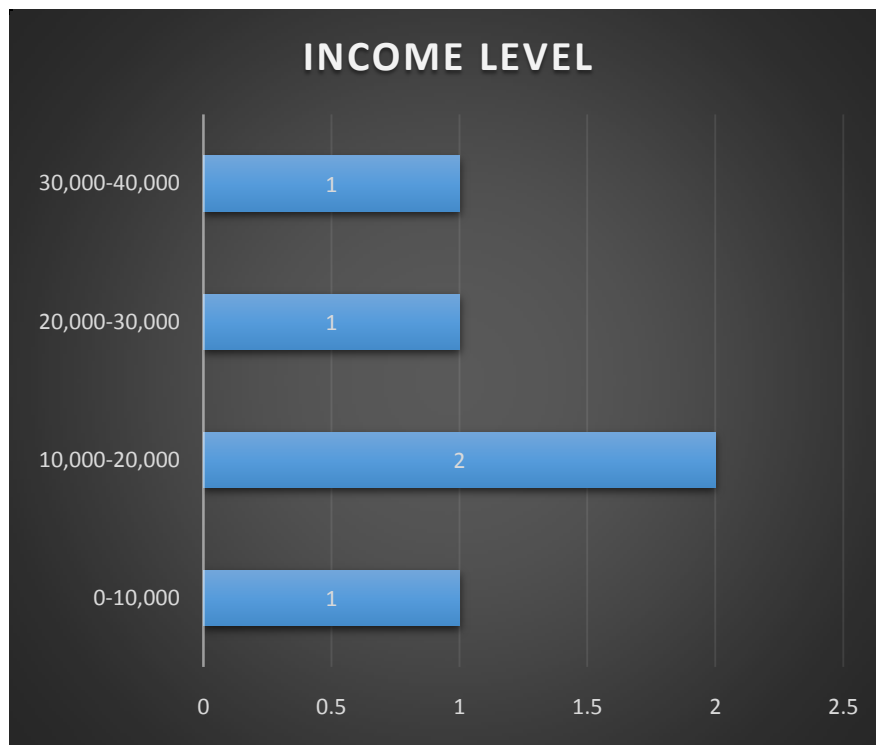
4. Kinship patterns and : All families are women headed and are women's role in the matriarchal family
5. Social and cultural organisation : NIL
6. Administrative organisations : NIL
7. Political organisation : NIL
8. Civil society organisations and social movements : NIL
9. Land use and livelihood:-
 - (a) Agricultural and non-agricultural use: : Free patta for housing only so does not arise
 - (b) Quality of land soil, water, tree etc. : NIL
 - (c) Livestock : NIL
 - (d) Formal and informal work and employment:

Elderly women : 2 - pensioner
Female : 1 - skilled (Nursing)
 3 - un-skilled
Male : 1 - un-skilled labour

On analysing the type of employment it was found that 2 women were aged and receive widow pension and 3 were un-skilled labour

- (e) Household division of labour and women's work : -
- (f) Migration : NIL
- (g) Household income levels
- | | | |
|-------------------|---|---|
| Less than ₦10,000 | : | 3 |
| ₦10,000 - ₦10,000 | : | 2 |
| ₦10,000 - ₦20,000 | : | 1 |
| Total | | 1 |

The economic level of all four families were studied and it was found that three families were having less than ₦5,000 as family income



(h) Livelihood preferences : Continues to exist

(i) Food security : All are economically poor and they lack food security

10. Local economic activities:-

(a) Formal and informal, local industries : NIL

(b) Access to credit : NIL

(c) Wage rates : NIL

(d) Specific livelihood activities in which the women are involved : NIL

11. Factors that contribute to local livelihoods:-

(a) Access to natural resources : NIL

(b) Common property resources : NIL

(c) Private assets : NIL

(d) Roads, transportation : Poor transportation, roads are bad, heavy traffic jam due to alternative road

- (e) Irrigation facilities : Does not arise
- (f) Access to markets : Good
- (g) Tourist Sites : NIL
- (h) Livelihood promotion programme : NIL
- (i) Co-operatives and other livelihood-related associations : Yes, present
12. Quality of the living environment:-
- (a) Perceptions, aesthetic qualities, attachment and aspirations : No aesthetic attachment towards land
- (b) Settlement pattern : Only household settlement
- (c) Houses : 2 houses are concrete, 1 asbestos and another house is partially damaged not in living condition
- (d) Community and civic spaces : NIL
- (e) Sites of religious and cultural meaning : Yes
- (f) Physical infrastructure (including water supply, sewage system etc):-
- Water supply : Municipality
- Sewage : No proper sewage
- Drainage system : Back side of house a big drainage canal is flowing
- (g) Public service infrastructure (schools, health facilities, Anganwadi centres, public distribution system):-
- Public distribution system : yes
- Anganwadi centre : Yes
- Sub-centre (Health) : Yes. 1 No

- (h) Safety, crime, violence : Safe
- (i) Social gathering points for women : Samuthaya Nalla Koodam

Part – B: key impact areas.

1. (a) Level and type of employment : No impact on their employment as most are pension holders and unskilled labours
- (b) Intra-household employment patterns : NIL
- (c) Income levels : Does not arise as all most are pension department
- (d) Food security : Poor income so poor food security
- (e) Standard of living : Poor standard of living
- (f) Access and control over productive resources : NIL
- (g) Economic dependency or vulnerability : Economic dependency and vulnerability is high as most are below poverty line
- (h) Disrupt of local economy : Negative
- (i) Impoverishment risk : NIL
- (j) Women's access to livelihood alternatives : Does not arise
2. Impact on physical resources:-
 - (a) Impact on natural resources, soil, air, water, forests : Soil water
 - (b) Pressures on land and common property natural resources for : Pressure on land/common property and natural

livelihood

resources

3. Impact on private assets, public services and utilities:-

- (a) Capacity of existing health and education facilities : -
- (b) Capacity of housing facilities : -
- (c) Pressure on supply of local services : -
- (d) Adequacy of electrical and water supply, roads, sanitation and waste management system : -
- (e) Impact on private assets such as bore-well, temporary sheds, etc : -

4. Health impact:-

- (a) Health impact due to immigration : -
- (b) Health impact due to project activities with a special emphasis etc : -
 - (i) Impact on women's health : -
 - (ii) Impact on the elderly : -

5. Impact on cultural and social cohesion

- (a) Transformation of local political structures : Will not change
- (b) Demographic changes : Will tend to change
- (c) Shift in the economy-ecology balance : Is also predicted, trees will be affected in the banks of canal and during project there will be loss of economy
- (d) Impact on the norms- beliefs, values and cultural life : Not much change will be observed
- (e) Crime and illicit activities : Careful watch of migration workers

- (f) Stress of dislocation : Yes will be definitely there
- (g) Impact of separation of family cohesion : It is not observed
- (h) Violence against women : more exposure is predicted and safety for women is a matter of concerns

6. Impact at different stages of the project cycle the type, timing, duration and intensity of social impact will depend on and relate closely to the stages of the project cycle. Below is an indicative list of impacts:-

(a) Pre construction phase:-

- (i) Interruption in the delivery of services : Yes
- (ii) Drop in productive investment : Yes
- (iii) Land speculation : Yes
- (iv) Stress of uncertainty : Yes

(b) Construction phase

- (i) Displacement and relocation : Yes
- (ii) Influx of migrant construction work force : Yes
- (iii) Health impacts on those who continue to live close to the construction site : Yes, respiratory problem due to air pollution, vector born diseased sue to stagnation of water, water born diseases due to poor sanitation

(c) Operation phase:-

- (i) Reduction in employment opportunities compared to the construction phase : Does not arise
- (ii) Economic benefits of the project : Land value will increases, access to resources will improve, overall economy is likely to improve

- (iii) Benefits on new infrastructure : Benefits on new infrastructure, Traffic congestion will be eased reduction time of travel to Villupuram because of by-pass, traffic congestion in Puducherry will be reduced
 - (iv) New pattern of social organisation : New pattern of social organisation is possible
- (d) De-commissioning phase:-
- (i) Loss of economic opportunities : -
 - (ii) Environmental degradation and its impact on livelihoods : Major effects due to decommissioning can not be predicted neither ruled out
- (e) Direct and indirect impacts:-
- (i) “Direct impact” will includes all impacts that are likely to be experienced by the affected families (i.e. direct land and livelihood losers) : Will be enclosed (4 LGR Patta
 - (ii) “Indirect impact” will include all impacts that may be experienced by those not directly affected by the acquisition of land, but, those living in the project area. : Enclosed separately

There is an irrigational canal connecting Ousuteri and Uppalam and a tributary for irrigation of agriculture. It is observed that the canal is not flowing in its original course and has been diverted. Care to be taken to ensure the course of the canal so that the overflow of water is not disrupted any time. There is a school near the main road in Odiampet Village with a

population of 386. Number of students crossing the road 69 and prevent crossing is 90. Things to be considered in this region is Traffic congestion during school timing 7.30 – 9.00 a.m and 4.30 – 6.00 p.m. school zone to be demarcated, possibility of widening the road can be considered for safety and to ease traffic congestion

(f) Differential impacts:-

- (i) Impact on women, children, the elderly and the differently abled : Impact on differentially abled
- (ii) Impacts identified through tools such as gender impact assessment checklists and vulnerability and resilience mapping : Not done

(g) Cumulative impacts:-

- (i) Measureable and potential impacts of other projects in the area along with the identified impacts for the project in question. : Not applicable
- (ii) Impact on those not directly in the project area but based locally or even regionally : Transport facilities and proper direction of alternative routes is a must

Land Grant Rules – 5 pattas

1. There are five pattas in total.
2. One Tmt. Shakthi does not want to relocate citing surveyor oral opinion that her house is not affected.
3. Rest of the four pattas needs alternative site for reallocation.
4. Patta of Tmt. Kasturi has a concrete building of two floor (ground floor and 1st floor) the building was constructed with a building grant received from the Government.

5. Tmt. Parvathi has a concrete building.
6. Tmt. Nagarani ha a asbestos sheet building.
7. Tmt. Thaiyanayagi has a roof tiled house, partially damaged due to Thane Cyclone. Now living with her daughter as she was not able to repair the house due to insufficient funds.

Part – C: Table of contents for Social Impact Assessment Report and Social Impact Management Plan.

Executive Summary:-

- (a) Project and public purpose : Formation of link road south of Puducherry – Villupuram railway line by passing of Arumparthapuram - Natesan Nagar segment of NH-45A – Odiampet Revenue Village under Land Acquisition Act, 1894.
- (b) Location : Odiampet / Kurumbapet
- (c) Size and attributes of land acquisition:

Kurumbapet:	S.No.	R.S.No.	Extent. (Hectares)
	1.	176/1B/2	0.00.73
	2.	177/2B	0.02.06
	3.	180/3B	0.04.35
	4.	181/2B	0.04.79
		Total	0.11.93

Odiampet:	S.No.	R.S.No.	Extent. (Hectares)
	1.	65/1A/2	0.00.96

2.	66/1pt	0.02.36
3.	68/9B /pt	0.01.97
4.	82/2/pt	0.60.43
Total		0.65.92

- (d) Alternative considered : To be given by the Collector office
- (e) Social impact : Included in the report
- (f) Mitigation measures : To be given by the Collector office
- (g) Assessment of social costs and benefits : To be given by the Collector office

Detail Project Description:-

- (a) Background of the project, including the developers background and governance or management structure : NH data enclosed
- (b) Rationale for project including how the project fits the public purpose criteria listed in the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 : NH data enclosed
- (c) Details of project size , location, capacity, outputs, production target, costs, risks : NH data enclosed
- (d) Examination of alternatives : NH data enclosed
- (e) Phases of project constructions : NH data enclosed
- (f) Core design features and size and type of facilities : NH data enclosed
- (g) Need for ancillary infrastructural facilities. :

(h) Work force requirements (temporary and permanent) :

(i) Details of Social Impact Assessment or Environmental Impact Assessment if already conducted and any technical feasibility reports. :

(j) Applicable legislation and policies. :

TEAM COMPOSITION, APPROACH METHODOLOGY AND SCHEDULE OF THE SOCIAL IMPACT ASSESSMENT:-

(a) List of all team members with qualifications, Gender experts to be included in team.

1. Dr. Anbu Senthil, M.B.B.S., M.S,
In charge Medical Officer,
Public Health Centre,
Mettupalayam,
Puducherry.
2. Dr. Tmt. Rajiny, M.Sc., B.Ed., PG.D.N.V.D., Ph.D.
Assistant Professor (Home Science),
Bharathidasan Government College for Women,
Puducherry.
3. Thiru. T. Ramakrishnan, M.A., B.Ed.,
Statistical Inspector (Retd.)
No.5, Marie Street, Bahour,
Puducherry – 607 402

4. Ms. Alice Thomas, B.A., LL.B.,
Vuthavi Karangal Samooga Thodar Kalvi Iyakkam for Boys,
No.1, 3rd Cross, Pudu Nagar,
Nonankuppam,
Ariyankuppam,
Puducherry.

Gender experts:

1. Dr. Tmt. Rajiny, Assistant Professor (Home Science),
2. Ms. Alice Thomas, Vuthavi Karangal Samooga Thodar Kalvi Iyakkam for Boys.

(b) DESCRIPTION AND RATIONALE FOR THE METHODOLOGY AND TOOLS USED TO COLLECT INFORMATION FOR THE SOCIAL IMPACT ASSESSMENT:-

PLAN OF WORK

On constitution of Social Impact Assessment team in discussion with District Collector, notification regarding Social Impact Assessment Report and land acquisition team was put up on the notice board of Panchayat Office for thirty days. The date of sketch showing Writ petitioners land not taken possession, the process of Social Impact Assessment, previous minutes of meeting held at Conference Hall, Legislative Assembly for completion of Railway over bridge (26/08/2016 to 08/03/2017) brief history of acquisition of lands at Kurumbapet and Odiampet , details of Writ petitions pending before the Hon'ble High Court , Madras. Meeting

by Hon'ble Minister, PWD, status of the proposal, calculation and negotiation statement, new Land Acquisition Act, 2013 and it's calculation, the Gazette of Puducherry were all given to the team members for etter understanding. Individual orders, with reference of constitution of State Social Impact Assessment unit vide G.O.Ms.No.7 dated.13/04/2017 of the Department of Revenue and Disaster Management, Puducherry for both areas of Kurumbapet and Odiampet were given to the Social Impact Assessment Report Team members, then an informal visit was done to areas with Tmt. Sheela, Tahsildar, Thiru. Sathyanarayanan, Deputy Tahsildar, and members of Deputy Collector (Revenue) South office, Villianur and National Highways accompanied the Social Impact Assessment Report Team and identified the location both in Kurumbapet and Odiampet.

The Social Impact Assessment Report Team visit the spot in the next few days and had a local visit and meeting and had individual house visits and discussed with their on factors of those that live nearby b) those that may be affected by the development intervention. C) those that may be displaced because of the project and those that have interest i a new project or policy change, thus public participation program was conducted through the implementation and monitoring.

Then the team members discussed to formulate an interview schedule which consist of Demographic details including age, sex, caste, religion, literacy, health and nutritional status, poverty level, usher able group, social and cultural organisation, administrative and political organisation found, land use and livelihood, local economic activities, factors that contribute to local livelihoods, quality of living environment, key impact area, impact on physical resources, private assets, public services and utilities, health impacts, impact on different phase were all included.

Maps were obtained from Pondicherry planning commission and Deputy Surveyor of highways Thiru. Iyyanar. Discussions were conducted with Thiru. Dakshinamoorthy, Revenue Officer, Office of the Deputy Collector (Revenue) South, Villianur and Thiru. Mathew Francis, Tahsildar, Taluk Office, Villianur regarding canal and survey report of the proposed sites. Visit to the canal was done with the Tahsildar, Taluk Office, Villianur and Tmt. Muthumeena, Revenue Officer to make sure that the canal is preserved and the process of canal is in the right channel.

Individual discussions with the affected families and fixed up to date for administered interview schedule and requested them to be ready with all necessary documents.

Discussion with LGR Patta land owners was conducted and asked about their grievances.

Meetings were conducted with the District Collector Dr. Satyendra Singh Dursawat, I.A.S and Mr. E. Vallavan, I.A.S., Add. In charge District Collector, Tmt. Muthumeena, Revenue Officer to update on the development of the Social Impact Assessment.

The interview scheduled was conducted peacefully and all details were collected with ultimate care.

(c) Sampling methodology used:-

- (a) Secondary data collection
- (b) Identification of geographical area using maps and visits
- (c) Personal visit
- (d) Observation
- (e) Personal interview
- (f) Discussion
- (g) Participatory assessment methods
- (h) Local scenario assessment
- (i) Consulting experts
- (j) Assessment of cumulative, direct and indirect impacts
- (k) Verification of documents

