

**SOCIAL IMPACT ASSESSMENT**

***FINAL REPORT***

**LAND ACQUISITION FOR SABARI RAIL**

**- Perumbavoor Division -**

**FROM KUNNATHUNADU TALUK**

**OF ERNAKULAM DISTRICT**



**Don Bosco Arts & Science College**

**Angadikadavu, Iritty, Kannur – 670 706**

**Phone: (0490) 2426014; Mob: 9961200787**

**Email: [dbasoffice@gmail.com](mailto:dbasoffice@gmail.com)**

**SIA Unit**

**9495903108**

**March 2019**

## **CONTENTS**

### **CHAPTER 1 - EXECUTIVE SUMMARY**

1.1	Introduction - Project and Public Purpose	01
1.2	Location	02
1.3	Size and Attributes of Land Acquisition	02
1.4	Alternatives Considered	03
1.5	Social Impacts	03
1.6.	Mitigation Measures	04
1.7.	Rehabilitation and Resettlement Measures	06

### **CHAPTER 2 - DETAILED PROJECT DESCRIPTION**

2.1.	Background of the Project	08
2.2.	Project Objectives	09
2.3.	Rationale for the Project	09
2.4	Project Location	10
2.5	Project Cost	11
2.6	Project design	11
2.7	Phases of the Project	11
2.8	Project Alternatives	12
2.9	Environmental Concern	12
2.10	Legal Framework	12
2.11	Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013	14

### **CHAPTER 3 – TEAM COMPOSITION, APPROACH, METHODOLOGY AND SCHEDULE**

3.1	Introduction	15
3.2	SIA Team	15
3.3	Approach to Study	15
3.4	Methodology and Data Collection	16
3.5	Approach and Design for SIA	18
3.6	Source of Data	19
3.7	Socio Economic Survey	19
3.8	Key Informants (Stakeholders)	20
3.9	Compilation and Verification of Data	21
3.10	Data Analysis and Report Writing	21
3.11	Day wise Calendar	21
3.12	Summary of the Public Hearing	22

## CHAPTER 4 - LAND ASSESSMENT

4.1	Area of impact	32
4.2	Land Requirement for the Project	33
4.3	Use of Public Land	33
4.4	Land Already Purchased	33
4.5	Quantity of Land Proposed to be Acquired	33
4.5.1	Land Details According to Villages	33
4.5.2	Type of Land Affected by the Acquisition	34
4.5.3	Land Acquisition - Structures Affected	34
4.5.4	Number of Families/Households/Units Affected	35
4.6	Extent of land Affected	35
4.7	Quantity and Location of Land Proposed to be acquired for the Project	36
4.8	Snapshots	37
4.9	Inventory	38
a)	Asamanur	38
b)	Vengur West	52
c)	Rayamangalam	61
d)	Perumbavoor	61
e)	Chelamattom	74
f)	Koovappadi	83

## CHAPTER 5 - ESTIMATION AND ENUMERATION

5.1	Number of Properties Affected	88
5.2	Ownership of the Land	88
5.3	Type of Land	89
5.4	<i>Patta</i> for the Land	89
5.5	Current Use of the Affected Property	90
5.6	Accessibility to the Land	90
5.7	Transaction during the Last Three Years	91
5.8	Bank Loans Status	91
5.9	Usability of the Remaining Land	91
5.10	Water Sources Affected	92
5.11	Types of Houses Affected	92
5.12	Vulnerable Groups Affected	93
5.13	Indirectly Impacted by the Project	93
5.14	Inventory of Agricultural Assets	94

## CHAPTER 6 – SOCIO ECONOMIC AND CULTURAL PROFILE

6.1	Demographic Details	95
6.2	Total Population Affected	96
6.3	Marital Status & Job Status	96
6.4	Type of Families	97
6.5	Age of the Affected	97

6.6	Gender of the Affected	97
6.7	Education of the Affected	98
6.8	Religion	98
6.9	Social Group	98
6.10	Working Population and Type of Employment	99
6.11	Monthly Income of the household	99
6.12	Vulnerable Group	100
6.13	Ration Card Details	100
6.14	Land Use and Livelihood	101
6.15	Health Conditions: People with Chronic diseases	101

## **CHAPTER 7 - PLANNING OF COUNTER – IMPACT IMPLEMENTATION**

7.1	Approaches to Impact Mitigation	103
7.2	Methods for Negation, Mitigation and Compensation of the Impact	103
7.3	Measures Included in Rehabilitation and Resettlement	103
7.4	Measures Requiring Body Has Stated to Introduce to the Project Proposal	104
7.5	Alterations to Project Design to Reduce the Social Impact	104
7.6	Impact Mitigation/Management Plan	104
7.7	Economic Measures	106
7.8	Environmental Measures	106
7.9	Rehabilitation and Resettlement Measures	106
7.10	Other measures	106
7.11	Impact on the Village Life	107
7.12	Negative Impacts	108
7.13	Positive Impact	108
7.13.1	Increase in Pilgrims	108
7.13.2	Better Transportation Facilities	108
7.13.3	Allied Economic Activities	108
7.13.4	Convenience for Youngsters and Students	109
7.13.5	Employment Opportunities	109
7.13.6	Initiation of Small Scale Industries and Start-ups	109

## **CHAPTER 8 –SOCIAL IMPACT MANAGEMENT PLAN INSTITUTIONAL FRAMEWORK**

8.1	Institutional Structures and Key Persons	110
-----	--	-----

## **CHAPTER 9 - CHAPTER 9 SOCIAL IMPACT MANAGEMENT PLAN MONITORING AND EVALUATION 112**

## **CHAPTER 10 – SOCIAL IMPACT MANAGEMENT BUDGET AND FINANCING OF MITIGATION PLAN 114**

<b>CHAPTER 11– SIA: STAKEHOLDER VIEWS AND OPINIONS</b>	<b>115</b>
11.1 Impact on Environment	115
11.2 Impact on Community life	115
11.3 Impact on the Economy of the Area	116
11.4 Benefit to Youth	116
11.5 Impact on the Development of the Area	117
11.6 Major Impact of the Project	117
11.7 Opinion about Benefits	118
11.8 Opinion about Defects	118
11.9 Village Wise Overall Opinion about the Project	119
11.10 Suggestions for Mitigation of Impact	120
11.11 Main Suggestions and Feedback of the Respondents	121
<b>CHAPTER 12 - ANALYSIS OF COSTS AND BENEFITS AND RECOMMENDATION ON ACQUISITION</b>	
12.1 Benefits	122
12.2 Challenges	122
12.3 Recommendations	123
<b>Annexures</b>	
01 Government Orders	124
02 SIA Team	134
03 Interview Schedule: Key Informants	135
04 List of Key Informants	136
05 Tool for Data Collection	137
06 Register of Participants – Public Hearings	141

## List of Tables

Table No.	Title	Pg. Nos.
1.1	Type of Land	02
1.2	Analysis of the possible social impacts	03
1.3	Positive Impacts	05
1.4	Opinions of the Affected	06
3.1	Schedule of Activities	21
4.1	Area of Impact	32
4.2	Land Area Requirement	33
4.3	Affected Area of Land	34
4.4	Type of Land	34
4.5	Details of Structures Affected	35
4.6	Types of Families	35
4.7	Extent of Land Holdings Affected	35
4.8	Quantity and Location of Landholdings	36
5.1	Details of land and landholdings affected	88
5.2	Type of Land Ownership	89
5.3	Type of Land	89
5.4	Current Use of the Land	90
5.5	Accessibility to the Property	90
5.6	Transactions within 3 years	91
5.7	Availing Loan	91
5.8	Usability of the Remaining Land	91
5.7	Availing Loan	91
5.8	Usability of the Remaining Land	91
5.9	Affected water sources	92
5.10	Types of Houses Affected	92
5.11	Vulnerable groups	93
5.12	Inventory of Agricultural Assets	94

6.1	Marital Status & Job Status	96
6.2	Types of Families	97
6.3	Age Range of the Affected	97
6.4	Gender Distribution	97
6.5	Literacy Level	98
6.6	Religion	98
6.7	Caste Details	98
6.8	Type of Employment	99
6.9	Monthly Income of the Household	99
6.10	Vulnerable groups	100
6.11	Ration Card Details	101
6.12	Chronic Diseases	101
7.1	Impact Mitigation and Management plan	105
7.2	Negative Impact	108
7.3	Positive Impact	109
11.1	Negative Impact on Environment	115
11.2	Impact on Community Life	116
11.3	Impact on the Economy of the Area	116
11.4	Benefits to Youth	116
11.5	Impact on the Development of the Area	117
11.6	Major Impact of the Project	117
11.7	Benefits through the Project	118
11.8	Defects of the Project	119
11.9	Overall Opinions of the Affected about the Project	119
11.10	Suggestions for Mitigation	120

## **CHAPTER 1 EXECUTIVE SUMMARY**

### **1.1 Introduction - Project and Public Purpose**

The basic goal of the SABARI RAILWAY PROJECT has been to build a Railway Line from Angamali Railway Station in Ernakulam District to Erumeli in Kottayam District. The firsthand beneficiaries of the project are the Lord Ayyappa Pilgrims who visit the Sabarimala Temple during the 40-day austerity period. The average annual number of devotees is 5 crores. The number of road transport services undertaken to Sabarimala during 1985–86 stood at 70,043. This number increased to 1,02,718 in 1990-91, further rose to 1,32,721 in 1994–95 and still further went up to 2,65,172 in 2002–03. And these are excluding the hundreds of services operated by the KSRTC. In the years thereafter, though the number of services has increased manifold, the problems of the pilgrims remain unsolved. The main deficiency is in the transportation facilities. It is to overcome this hurdle that the Sabari Railway has been jointly envisaged by the Central and the State Governments. At the same time the Project would facilitate tourist centres in and around the pilgrimage destination.

The 111 km railroad between Angamali and Erumeli provides many other benefits too. With the Project, Idukki District is going to have rail way connectivity with two railway stations for the first time. Effectively it provides railway stations in seven municipalities and a number of towns. The rail that runs through Kalady would help the plentiful rice mills and Rubber-Timber industries there. As transportation becomes affordable, it can encourage employment in the locality. Moreover, it can reduce road traffic and thereby minimize road accidents and deaths thereof.

In compliance with section 4 of the Right to Fair Compensation and Transparency in Land Acquisition, Resettlement and Rehabilitation Act (RFCTLARR), 2013, and as per the Kerala State Government Gazette No. 199, G.O. (P) No.6/2018 RD) dated 17 January 2018 and REV-B1/606/2018 REV dated 11/01/2019 [*Annexure 1*] the present Social Impact Assessment (SIA) of the project was undertaken by Don Bosco Arts and Science College, Angadikadavu, Kannur in Six Villages of Kunnathunadu Taluk (Chelamattom, Perumbavoor, Koovappady, Vengur West, Rayamangalam and Asamannoor) of Ernakulam District, the place notified for Sabari Railway Project. The SIA was carried out with the objectives of identifying the potential socio-economic positive and negative impacts of land acquisition and developing attainable mitigation measures to enhance the positive impacts and reduce or



avoid the negative impacts and thereby ensure a participative, informed and transparent process of land acquisition for the establishment of Sabari Railway in Kunnathunadu Taluk.

Indian Railway, the largest railway network, is also one of the largest public utility departments. Acquisition of land for public purposes as defined by the RFCTLARR 2013 is undertaken by invoking the provisions of the Act with an objective to ensure a participative, informed and transparent process of speedy acquisition of land for public purpose. Accordingly, the provisions of the Act authorize the government to acquire any land for the concerned purpose by adhering to due compensation, rehabilitation and resettlement measures as provided in the Act of 2013. This social impact assessment is in accordance with the Act provisions to assess the social impact.

### 1.2 Location

The 111 kilometres long Sabari Railway Project spreads across 3 districts of central Kerala from Angamali – Perumbavoor – Odakali - Kothamangalam – Muvattupuzha - Vazhakulam in Ernakulam District; Thodupuzha and Karimkunnam in Idukki District; Ramapuram, Bharanganam, Chemmalamattom, Kanjirappilly to Erumeli in Kottayam District. The SIA has been conducted for the area from Periyar till Odakali, the land area which is coming in the Kunnathunadu Taluk consisting of six villages.

### 1.3 Size and Attributes of Land Acquisition

Village	Table 1.1 Type of Land				Total
	Dry land	Wet land	converted land	Not Available	
Asamannoor	115	35	0	2	152
Chelamattom	61	34	0	3	98
Perumbavoor	115	21	5	3	144
Vengur West	70	34	0	0	104
Rayamangalam	2	0	0	0	2
Koovappady	15	35	1	0	51
Total	378	159	6	8	551

The size of the land to be acquired for the Sabari Railway Line is 470.77 hectares. The SIA study is for the Perumbavoor Division of Sabari Railway stretching over 44.40.08 hectares (18 km) with the width range of 17 meters to 50 meters in selected locations as per the requirements. It has 551 landholdings including public road, canal, Govt. Krishibhavan land, factories, shops, pump house, places of worship, 378 dry lands, 159 wet lands and 6 landfills (converted land). Details of 8 lands were not available/ not applicable.

## 1.4 Alternatives Considered

Alternatives are looked at when the purpose or expected goal of a project is weighed. The present location has possibilities like tourism promotion by the proximity of the railway to Munnar, Parambikulam, Thekkady; trade and transportation support to industries like the Rice Mills based in Kalady-Perumbavoor, Timber industries based in and around Perumbavoor, Furniture Hub of Nellikuzhi – Kothamangalam and the Pineapple Hub of Vazhakkulam-Muvattupuzha. No alternate alignment has been found to cover the aforesaid areas. If the Sabari Railway is only to cater to the needs of Sabarimala Temple Devotees, the best option is to have an alignment from Kottayam or Chenganuur which is very close to Sabarimala. On the contrary, bearing in mind the additional prospects, the alignment from Angamali to Erumeli has been finalized. Seven kilometres of the railway track including the bridge across Periyar has already been completed and a bridge across the Periyar River near Kalady is also completed.

## 1.5 Social Impact

Sl. No	Type of Impact	Status	Proposed Mitigation Measure
1	Loss of Land	734 survey numbers with 551 Land holdings would be affected – Direct Impact	Compensation as per RFCTLARR Act, 2013
2	Loss of Built-up Property	269 structures would be affected. 168 residential houses, 15 commercial shops, 23 toilets & bathrooms, 48 shed & stores, place of worship, 13 gates & walls, 1 petrol pump – Direct Impact	Compensation as per RFCTLARR Act, 2013
3	Loss of Productive Assets	537 families will lose paddy and variety of commercial crops like nutmeg, rubber, coconut, etc	Compensation as per RFCTLARR Act, 2013
4	Loss of Livelihood	Out of 551 land holdings, majority of the families lose some portion of their income from their land and a good number of them lose their livelihood. 15 commercial establishments, 2 mini dairy units are directly affected.	Compensation as per RFCTLARR Act, 2013
5	Loss of public utility lines	Water supply, drainage, canals, roads, mini-stadium, mini pump house etc. will be affected	Has to be restored simultaneously

6	Loss of common property	Cut across a number of Public Road, mini-stadium, water source, etc.	Smooth access through the road should be ensured and alternate system must be established during construction stage.
7	Loss of access to civic services and common property resources	Panchayat mini stadium at Thuruthy junction and mini pump house in Karattupallikkara	Compensation as per the Act
8	Loss of cultural properties	Family, deity and <i>kaavu</i>	Replacement as per the rituals
9	Displacement of vulnerable groups	Widows, Women headed households, and the elderly population would be displaced.	Priority needs to be given for disbursement of rehabilitation package
10	Loss of Religious Structures	One temple at Kanjirakkad settlement colony	Relocate as per the Act with all required rituals.

The most negative impact of the project is the loss of land and structures of the 551 land holdings and their dependents. The total area of land required for the Sabari railway from Kunnathunadu Taluk is 44.40.08 hectares. Acquisition of this land is estimated to affect a population of 2206 people from 537 families and 10 others who will lose the ownership of the land or structure due to the acquisition. In addition, water shortage in the summer because of the land filling in the paddy fields, loss of natural terrain, water logging during the monsoon, and noise pollution are the other concerns voiced. The wet land having paddy cultivation is a water store house. But with the construction of elevated railway track it is likely that the storage of water be decreased worsening the problem of water shortage especially during summer.

### **1.6 Social Impact Mitigation Plan (Mitigation Measures)**

Based on the desk review, field investigations and consultations undertaken during the social impact assessment of land for Sabari railway, the following Social Impact Mitigation Plan (SIMP) has been developed. The major mitigation measures drawn are:

#### **Economic Measure**

Loss of property, assets, and livelihood due to acquisition of land for the Sabari Railway should be compensated as mandated by the Act under sections 26-31 and which are listed in the First Schedule of the Act for the 537 households and 10 others. The houses or dwelling places affected can be resettled considering the privacy of living situation. In the case of land holdings for which there are no proper documents it is deemed that their case may be dealt with due consideration but adhering to the existing law. During the construction

and operation phase, preference should be given to the families directly affected and their members for ad-hoc employment opportunities in the Sabari Railway depending on their skills and merit and weaker sections should be given due considerations. This would compensate the livelihood options which are likely to be affected due to the acquisition of the land.

### **Environmental Measures**

The proponent shall design eco-friendly buildings and track at the site/alignment minimizing the impact on the flora and fauna of the areas. Social forestry shall be undertaken in the campus to compensate the loss of trees and pastures. Similarly, the available natural resources such as ponds and wells shall be maintained and preserved facilitating its usage for water conservation and distribution. Further, at the designing phase of the project, the plan shall incorporate construction of certain number of rain water harvesting schemes to meet the water shortage problem during summer. The alignment through the paddy field should be cautiously planned without harming the source of water and texture of the land in such a way that the remaining paddy field would not be affected. If possible, it should be on concrete pillars so that high level mud elevated track will not harm the water flow and cultivation. During the operational phase, the Sabari Railway may use clean-green energy such as waste management technology and solar power.

<b>Table No. 1.3 Positive Impacts</b>			
<b>Impact</b>	<b>Direct/Indirect</b>	<b>Temporary / Permanent</b>	<b>Major/Minor</b>
Safe journey for pilgrims to Sabarimala Temple and more Income to Devasom Board	Direct	Permanent	Major
Tourism promotion	Direct & indirect	Permanent	Major
Creation of employment Opportunities	Direct & indirect	Permanent	Major
Better transportation & Business Promotion	Direct & indirect	permanent	Major
Safer transport and accessibility to the Cites	Direct & indirect	Permanent	Major
Support to industrial units	Direct & Indirect	Permanent	Major

The discussions and interactions with various stakeholders including the affected families highlighted the need to speed up the acquisition process and distribute the compensation at the earliest and put an end to the immense sufferings of the affected. A number of them are reluctant to give up their land and property and request to look for alternate alignment. Majority of them were of the opinion that the benefit of the Sabari Railway is not for the people of the area, but the Sabarimala temple pilgrims. Several opined

that there will not be any economic development due to the Sabari railway; on the other hand, land value of their fertile land would be decreased. In reality, acquisition of the 44.40.08 hectares of land for which the SIA study has been done is inevitable for the Sabari Railway as it is continuation of the railway alignment from Angamali to Erumeli of which certain infrastructural works have already been done. The SIA team is unanimous in viewing that this land be acquired by providing due compensation as per the provisions of RFCTLARR Act, 2013. The team emphasizes that the project is important for the development of the area and the state; the proponent is suggested to balance environmental and social considerations and benefits through implementation of the proposed mitigation measures. It is recommended that preventive measures be given first consideration in order to reduce the cost of undertaking the mitigation measures and at the same time minimize the negative impact of the project.

### 1.7 Rehabilitation & Resettlement Measures.

It appears from the analysis and overview of the Act that the provisions of compensation for land acquisition under RFCTLARR Act, 2013 will be sufficient to manage the social issues. Speedy disbursement of compensation is recommended (*The beneficiaries are largely unhappy about the long delay in implementing the project as they are not able to take a decision!*). Compensation as per RFCTLARR Act, 2013 will be sufficient to mitigate the impacts like loss of land, loss of productive assets, loss of business, loss of public utilities and displacement of vulnerable groups and others. The affected include 168 households who lose their residences, 15 commercial establishments, one petrol pump, one place of worship and 46 sheds and stores, 13 gates and walls, 23 toilets & bathrooms, water sources like 117 wells, 14 ponds, 18 pipelines, 9 water tanks, and 24 other sources.

### 1.8 Opinions of the Affected

Table No. 1.4 Opinions of the Affected							
Opinions	Chelamattom	Perumbavoor	Koovappadi	Vengur West	Rayamangalam	Asamannur	Total
Implement the project immediately	20	68	31	28	1	85	233
Better Compensation	36	69	29	37	0	73	244
Acquire the remaining land become useless	7	8	11	4	0	10	40
No issues	37	15	4	25	1	32	114
Change the alignment	5	9	2	4	0	4	24
Total	104	169	77	98	2	204	655

The table shows the opinions stated by the affected or their dependents. Majority of them have stated that the acquisition must be completed at the earliest and better compensation provided.

## **CHAPTER 2**

### **DETAILED PROJECT DESCRIPTION**

#### **2.1. Background of the Project**

Sabari Rail Line is a proposed 111 kilometres (69 miles) railway line from Angamali to Erumeli, near Sabarimala that has been sanctioned in the year 1998 by Indian Railway. According to a Memorandum of Understanding (MoU) signed between the Kerala State and the Ministry of Railways on 27 January 2016, commercially viable railway projects will be identified and handed over to the Special Purpose Vehicle (SPV) to be fast-tracked on a 51:49 per cent equity basis. SPV has discussed about the extension to Punalur. The current Sabari Rail Line is monitored by the Prime Minister's Office.

The Kerala Government started the land acquisition for the construction of this Sabari railway line project and established special Land Acquisition (LA) Tahsildar offices at Perumbavoor and Pala in 2006 and at Muvattupuzha in 2010. The Railway and Revenue Departments conducted joint survey for the land acquisition of this railway line, laid boundary stone for the acquired land and issued notification for land acquisition up to proposed Ramapuram railway station in Kottayam District. 90% of railway line construction up to Kaladi railway station (7 kilometres - 4.3 miles) was completed by 2010.

The Revenue Department of the Government of Kerala completed all the formalities of land acquisition in Chelamattom, Perumbavoor, Koovappady, Vengur West, Rayamangalam, Asamannoor villages (on 19 August 2008) and Muvattupuzha village (on 28 October 2011) and declared the land value of acquired land for this railway line. But the distribution of land price to the land owners of these villages has not happened due to the lack of funding from the Railway Ministry, Government of India. Although the Railway Board has approved the revised estimate of Angamali - Perumbavoor reach of this railway line as Rs. 203 crore (US\$31 million), it has not given any fund for the completion of revised estimate approved reach. The Railway Board has written to the Kerala Government that without 50% of cost sharing by the state government, they could not allocate any further funding for Sabari Railway Project. The Railways started the pre-non interlocking works in the Angamali Railway station on 3 August 2017 which aims at connecting the Sabari rail line to the main line of Ernakulam-Shoranur. They also have decided to open railway offices at Perumbavoor and Muvattupuzha for the fast acquisition of land. Idukki, one of the districts in Kerala which has no railway station, will get railway connectivity and two railway stations through the line. The railway line will help the timber-based and rice-based industries

concentrated in the Perumbavoor–Kalady area, and the tourist destinations of Ernakulam, Idukki and Kottayam Districts.

## **2.2 Project Objectives**

This assessment aims to identify potential Social Impact of the Sabari Railway Project - Perumbavoor Division from Kalady to Asamannoor village and formulate recommendations to ensure that the proposed land acquisition takes into consideration appropriate measures to mitigate/minimize any adverse impacts through all the phases of its implementation.

*The specific objectives of this SIA are to:*

1. To provide an accurate representation of the social, cultural and economic conditions of the population who own land/building/any other establishments in the project location.
2. To assess the resources and structures existing at the proposed site.
3. To identify the potential positive and negative impacts of land acquisition at various phases of the project i.e., planning, implementation and operations phases.
4. To develop attainable mitigation measures to enhance positive impacts and reduce or avoid negative impacts
5. To prepare a Social Impact Assessment Report in compliance with the Right to Fair Compensation and Transparency in Land Acquisition Rehabilitation and Resettlement Act 2013, detailing the findings and recommendations.
6. To develop management and monitoring measures to be implemented throughout the life of the project.

## **2.3 Rationale for the Project**

According to the Union Minister for Railways, Mr Dinesh Trivedi, the Angamali-Sabarimala Rail Line is very crucial to the development of the region for fulfilling the aspirations of the people of Kerala. It was pointed out that the project was sanctioned on socio-economic consideration with the objective of rail link to the remote areas of Ernakulam, Idukki, and Kottayam Districts. The Sabari Railway Line construction will give railway transportation facility to Kerala's rice based industry concentrated in Kalady area and rubber wood-plywood industry concentrated in Perumbavoor area. Moreover, railway runs through the prominent Pineapple cultivating area like Muvattupuzha and Vazhakkulam and also the furniture hub of Kerala in Kothamangalam-Muvattupuzha. Hence the transportation of Pineapple and furniture will get a lot of boost through this Project. The High Range is also known for tea and spices production in large quantities. The proximity and availability of rail transportation to these areas will ease the production of the said items and transportation. The

*SIA: Sabari Rail (Kunnathunadu Taluk) – Report by Don Bosco Arts and Science College, Kannur*



reaching of Railway in the High Range District will boost up the tourist destinations like Munnar, Thekkadi and Parambikulam wild life sanctuary etc. Through the 1<sup>st</sup> phase of Sabari railway line 7 more Municipalities in Ernakulam, Idukki and Kottayam Districts will get railway connectivity. The Second phase of Sabari Railway Line through Pathanamthitta and Kollam districts will give 6 more railway stations.

The Sabari Railway Line will provide for the first time two railway stations to Idukki District which is something new. Idukki is one of the two parliament constituencies in Kerala without railway connectivity. Through Sabari Railway Line Idukki Parliament constituency will get railway stations.

If people/youth of Eastern Kerala get railway connectivity through Sabari railway line, they will be able to utilize the employment opportunities in Kochi, Thrissur and Trivandrum. They can work in these cities and come back to their home on a daily basis with a minimum cost. When Sabari Railway line construction is complete up to Thiruvananthapuram, its length will be the half of the total length of Kerala state. Sabari railway line from Angamali to Thiruvananthapuram may even lead to the formation of a third railway division in Kerala.

## 2.4 Project Location



A total of 470.77 hectares of land is to be acquired in Ernakulam, Idukki, and Kottayam Districts. As part of the proposed project, the area required from six villages of

Kunnathunadu Taluk is 44.40.08 Hectares (about 18 km) with Periyar at one end and Odakali in Asamannoor Village at the other end.

## **2.5 Project Cost**

The proposed Sabari rail line is 111 kilometres from Angamali to Erumeli, near Sabarimala that has been sanctioned in the year 1998 by Indian Railways. The estimate of the Proposed railway line, which was Rs. 550 crores in 2005 and revised to Rs.1,234 later, has gone up to Rs. 1,566 crores as per the revised estimate submitted in 2011.

Only Rs. 5 crores were allocated in the 2015-16 Railway budget as the State had failed to acquire and handover the required land. In the Budget 2017-18, a sum of Rs. 220 has been allocated by the Government of India. The state has in principle agreed to share the cost of the Angamali – Sabari railway project that aims at putting the hill shrine in the railway network of the country. The move was the result of the decision of the State govt. to toe the line of other states for cost-sharing of railway projects and creation of rail infrastructure. The state has officially communicated to Railways that it is ready to share 50 percent of the cost of the two decade-old project that had been hit by several hurdles.

## **2.6 Project Design**

The Sabari rail line has been planned with sustainable green constructions minimizing the impact of the construction on the greenery and eco-system of the specified site. Its 111 km. railway line starting from Angamali till Erumeli running through 4 districts and planned for about 14 railway stations. It has a scope for being expanded to Madurai or Thirunelvely in Tamil Nadu or reach up to Thiruvananthapuram.

## **2.7 Phases of the Project**

Boundary stone had been laid for 72 km in Ernakulam and Idukki districts and up to Pala in Kottayam district. The alignment between Anthinadu and Erumeli was revised. The approval of the alignment is awaited. The first and second reaches had been completed up to Periyar Bridge and the station building and platform had been completed at Kalady. A new station building was also completed at Angamali and track has been linked for more than one km. The first phase of construction including the Bridge across the Periyar River (Kaladi) is complete. So far only 14.3 hectors of the land is acquired. Three phases have been established for the Land Acquisition viz. Pala, Muvattupuzha and Perumbavoor Divisions and Land Acquisition Special Tahasildar offices have been established in the respective divisions. The joint verification by the railway, Revenue department and Land Acquisition section has been completed in Perumbavoor division (6 villages). The joint verification in Muvattupuzha division has not been completed fully. As per the legal requirement according to the Right to

*SIA: Sabari Rail (Kunnathunadu Taluk) – Report by Don Bosco Arts and Science College, Kannur*

Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013, section 4 the SIA has been initiated with G.O. No: B1/316/2017-REV dated 20/02/2018 entrusting the SIA of Perumbavoor Division to Don Bosco Arts and Science College, Kannur, and the District Collector of Ernakulam through his letter C2-66731/16 dated 08 March 2018 issuing communiqué to Special Tahasildar (LA) Railway, Perumbavoor. The period of study was extended for four months through a communiqué from the District Collector of Ernakulam on 19 July 2018. Interim report was submitted on 16 November 2018. The period of study was further extended on 11 January 2019 for a period of two months. Public hearing was held at Thuruthy, Perumbavoor and Asamannur on 15, 16 and 18 March 2019.

### **2.8 Project Alternative**

This project option has been arrived at after considering several options by the state government and site selection by Railway Board, Govt. of India. This option has been found to be the most suitable alternative after considering the different benefits of this alignment. Basically it is aimed at the Sabarimala pilgrims. Apart from that it will provide two railway stations and rail connectivity to the High Range District of Idukki. This alignment will help promotion of tourism as well as the economic and industrial activities going on in this area. This decision will, however, involve certain losses such as land, source of livelihood for more than thousand households and a number of commercial establishments like timber factory, vehicle body-building unit, petrol pump etc. Still, matching the positives and negatives, this project option is preferred from the socio-economic and transportation favourable elements.

### **2.9 Environmental Concern**

It is revealed that many of the environmental issues related to the project are temporary in nature. Significant damage to the ecosystem due to the implementation of the project is not expected. Some minor long term effects are unavoidable and mitigation measures are suggested for this to minimize the effect. The main suggestion is to implement an Environment Monitoring Plan during the construction and operation of the project and provide a green belt to improve aesthetic and environmental value of the area which otherwise may be damaged during the construction.

### **2.10 Legal Framework**

Application of national statutes and regulations on socio-economic impact suggests that the Proponent has a legal duty and social responsibility to ensure that the proposed development be implemented without compromising the status of the environment, livelihood of people, natural resources, public health and safety. This position enhances the importance

of this social impact assessment for the proposed site to provide a benchmark for its sustainable operation. The major legislation that governs the land acquisition for the present project is hereby discussed briefly:

- The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013
- The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, (Kerala) Rules 2014.
- The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, (Kerala) Rules 2015.
- Government of Kerala – Revenue Department -State Policy for Compensation and Transparency in Land Acquisition.
- Right to Information Act, 2005.
- The Rights of Persons with Disabilities Act, 2016.

### **2.11 Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013**

This Central Act is to ensure a humane, participative, informed and transparent process for land acquisition for development of essential infrastructural facilities, industrialization and urbanization with least disturbance to the owners of the land and other affected families and provide just and fair compensation to the affected families whose land has been acquired or proposed to be acquired or are affected by such acquisitions and make adequate provision for such affected persons for their rehabilitation and resettlement and for ensuring that the cumulative outcome of compulsory acquisition should be that affected persons become partners in development leading to an improvement in their post-acquisition social and economic status and for matters connected there with.

Chapter IV, Section 11 states that ‘whenever it appears to the appropriate government that land in any area is required or likely to be required for any public purpose, a notification to that effect along with details of land to be acquired shall be published in the official Gazette, two daily newspapers, uploaded on the website of appropriate government and in the affected areas to all the persons affected.’ (RFCTLARR Act, sec.11). Prior to the acquisition section 4 of the Act mandates conduct of a Social Impact Assessment study of the affected area to study the impact the project is likely to have on various components such as livelihood of affected families, public and community properties, assets and infrastructure particularly roads, public transport etc. Similarly, where land is acquired, fair compensation shall be paid

promptly to all persons affected in accordance with sections 28, 29 and 30 of the Act, along the following parameters:

- Area of land acquired,
- Market value of the property decided by the Collector,
- Value of things attached to land or building
- Damages sustained from the severance of the land parcel from the land,
- Damages to other property in the process of acquiring the said land,
- Consequences of changing residence or place of business by the land owners,
- Damages from diminution of profits of the land acquired.
- Award of Compensation.
- Interest paid at the rate of minimum 12% per annum on such market value for the period commencing on and from the date of the publication of the notification of the social impact assessment study.

*The Proponent has undertaken Social Impact Assessment and developed mitigation measures for those who will be affected by the proposed project. The Proponent shall adhere to the requirements of the Act in the implementation of land acquisition.*

## **CHAPTER 3**

### **APPROACH, METHODOLOGY AND UNIT OF SOCIAL IMPACT ASSESSMENT**

#### **3.1 Introduction**

Section 4 of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013, requires that all SIA studies undertake surveys / public consultations as part of the study. The aim of the SIA is to ensure that all stakeholders interested in a proposed project including project beneficiaries and the general public in the vicinity of the proposed project be identified and their opinion considered during project planning, design, construction, operation and decommission phases. In compliance with the requirements of the regulations, the SIA team conducted the assessment from 16 March to 30 May 2018 and later from 17 - 31 January 2019 interacting with community members and other stakeholders in the whole project area. This chapter illustrates the approach and methodology adopted for undertaking the social impact assessment and gives an overview of the SIA unit and its activity chart.

#### **3.2 SIA Team**

The SIA unit that undertook SIA study for Sabari Railway project at Perumbavoor division spread through 6 villages in Kunnathunadu Taluk of Ernakulam District, comprised of 15 members headed by the Head of the Department of Social Work, Don Bosco Arts & Science College, Angadikadavu, affiliated to Kannur University, Kannur. The head of the team is a Doctor of Philosophy in Sociology and has wide experience in academic and development sectors. The team leader of the SIA also is with MSW and M. Phil in Social Work with extensive experience in research, project planning and implementation at the development sector over decades. The other team members are qualified in Social Work and well versed in investigating social phenomena, undertaking studies through interviews, group discussions and PRA techniques to elicit information pertaining to the subject of inquiry. The gender consultant in the team is also a Post Graduate in Social Work who has been working on women issues and their development over several years. (*SIA Team: Annexure 2*)

#### **3.3 Approach to Study**

The approach to this exercise was structured in a manner to cover the requirements under the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013. It involves a combination of qualitative research methods such as reconnaissance, public consultations with members of the community & elected

representatives of the project areas, focus group discussions and other PRA techniques, quantitative household surveys and desk research.



The SIA Team discusses the Progress      The SIA Team in the field

### 3.4 Methodology and Data Collection

The methodology adopted for the assessment was a mix of quantitative and qualitative methods. “By using both qualitative and quantitative methodology, more comprehensive data will be obtained, and a more holistic product would result, without excluding important areas of assessment” (DEAT, 2006).

**Quantitative information** on the Project Affected Persons and Families were gathered through the household survey. The SIA grouped Project Affected People into three broad categories, namely, Project Affected People whose land only is required for the proposed project and affected partially due to the acquisition; Project Affected People whose houses and land are to be acquired and are affected fully by the project; and Project Affected People whose commercial establishments/ Industry being acquired for the project are affected fully /partially.

Household interviews of the affected land holders, residents and commercial establishments and other structures of the SIA study area covered 547 Households and their dependents who own property at the project location. Representatives of these households were contacted to elicit information pertaining to the subject.

Household survey was undertaken by qualified and experienced data enumerators by administering predefined interview schedules targeting the Project Affected Population (PAP). It was a very difficult task to trace the land owners who own the land in the alignment and are settled/ residing elsewhere or some of them living even abroad.

**Qualitative information** was gathered along with the field study/household survey through public consultation with stakeholders. The consultations were conducted with the

help of interview guides and guideline points. The SIA team developed several formats of interview guides to target various groups of stakeholders which included Project Affected People, elected representatives of Grama Panchayat, Block Panchayat and District Panchayat and representatives of various government departments.

**The key informant stakeholders**, viz., elected representatives of District, Block and Grama Panchayats, Member of Parliament, Member of Legislative Assembly, political leaders, representatives from the departments of agriculture, revenue totalling to 19 were contacted and relevant information was collected by holding consultative discussions and administering of questionnaires. Samples of questionnaires administered are annexed to this report. (*Annexure 3*)

During the study a number of informal consultations and discussions were conducted apart from the formal interviews and other information gathering process. Thus a total of 569 respondents (547 land holders and 21 key informants) and others which include religious and social organizations that have land in the project location of the proposed Sabari Railway were covered in the assessment study. The stakeholders were identified and consulted with the objective of understanding the existing socio-economic conditions of the area of influence and the immediate surroundings of the proposed project.

***The methods and tools adopted for the Social Impact Assessment are the following:***

- a. *Physical Inspections* of the project area: The assessment team of 12 + 2 forming themselves into groups of two (6x2), coordinated by the Team Leader and the Asst. Team Leader with the support and guidance of Special Tahasildar (LA) Perumbavoor, Deputy Collector LA Ernakulam District and other officials physically visited the land holding which are coming under the alignment in the study area in order to make an independent assessment of the use of land, structures and commercial establishments including petrol pump, timber factory and even religious places.
- b. *For the Household Survey:* Pre-tested interview schedules were administered to the heads of the households of all the categories of project affected population to understand their socio, cultural and economic profile, to identify and quantify the negative impact of land acquisition, to identify their concerns/benefits and to identify measures for enhancing their benefits or minimizing their concerns by developing appropriate resettlement and rehabilitation plans.
- c. *For Qualitative Data:* individual consultations/discussions with representatives of Project Affected Families using guidelines for discussion and PRA method of Transect walk was

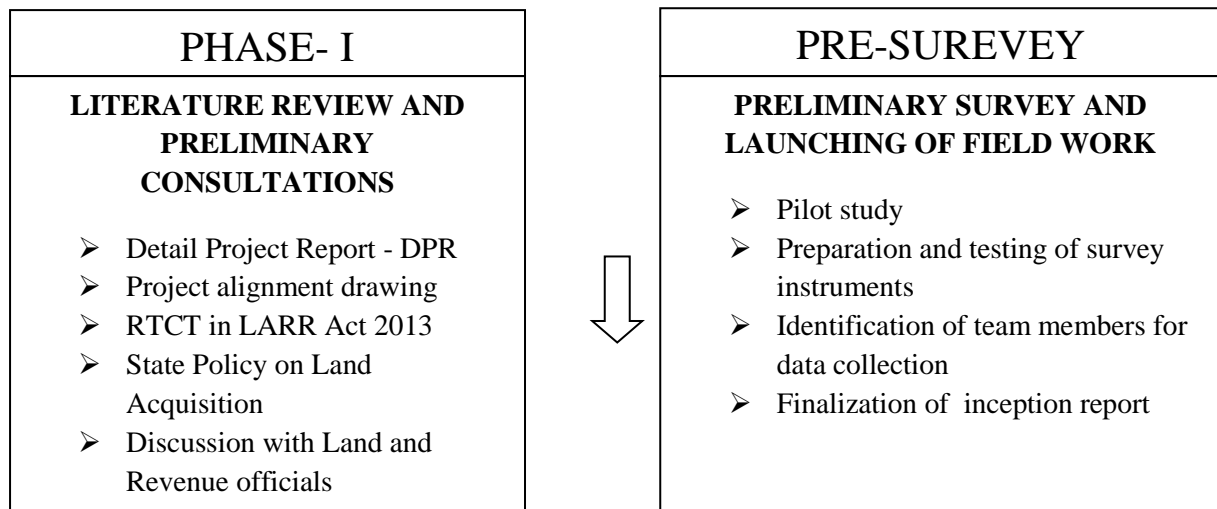


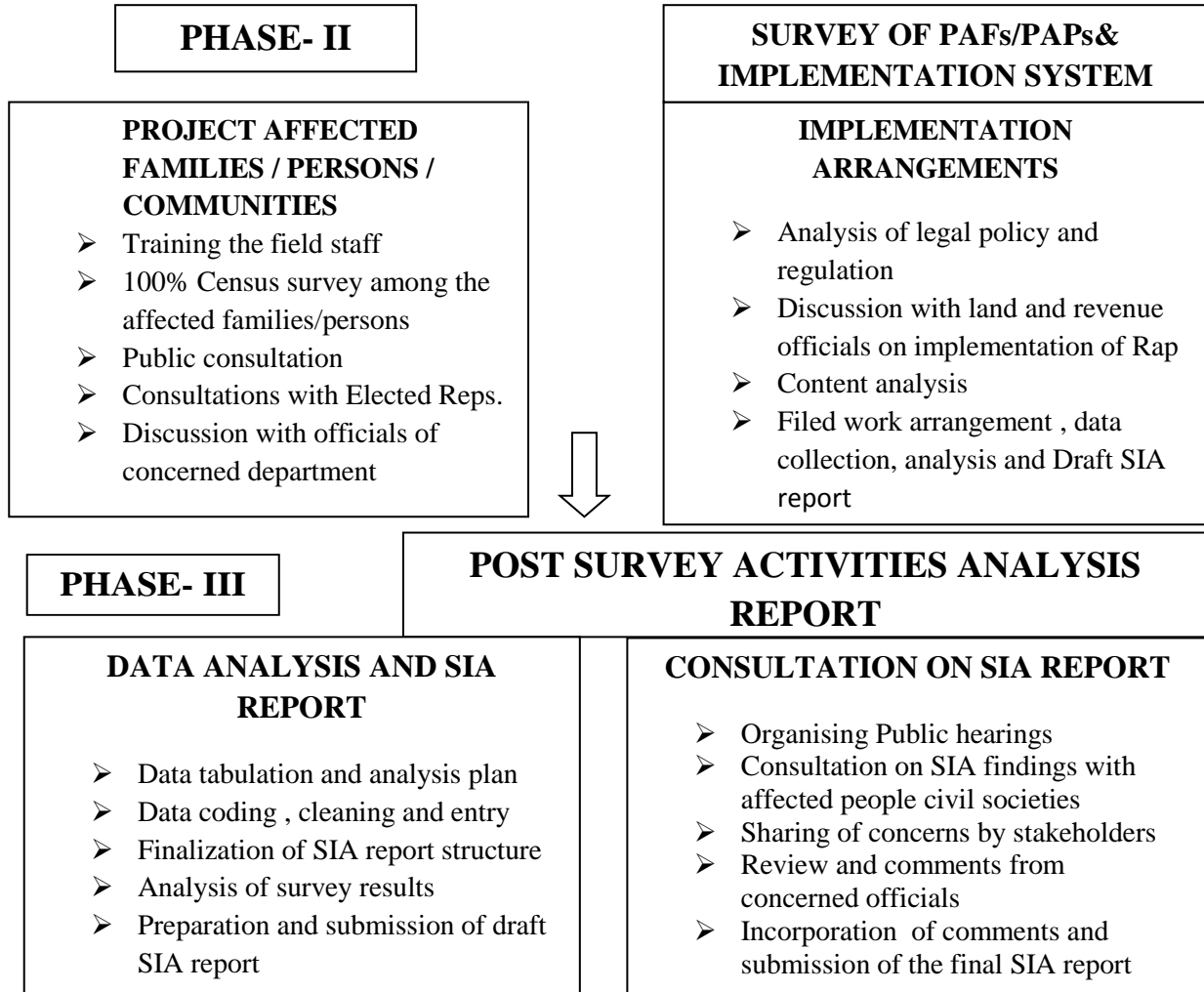
undertaken to elicit qualitative information and to corroborate the information from the discussions and observations made.

- d. Semi Structured Interviews using an interview guide were used to collect information from the key respondents, viz., elected representatives, and leaders of political parties and officials of revenue department including village officer of the project area.
- e. *Desk Review* of available reports and project related documents, records from the revenue department and literature including project description, maps, details of land owners etc. to understand the socio-cultural and economic status of the people of the region in general and the project affected households in particular was also undertaken.

The data obtained from the survey was analysed to provide a summary of relevant baseline information on affected populations; all types of project impact which include direct and indirect impact of physical and/or economic nature on the people and the general environment. The responses received from the community, the local administration and representatives of government departments through the public consultation and socio-economic survey are represented in the subsequent chapters of this report.

### 3.5 Approach and Design for SIA





### 3.6 Sources of Data

The assessment made use of both primary and secondary data. The primary source included: responses from various stakeholders of the study and the secondary data source included various legislations related to land acquisition, documents from the revenue department, reports and other desk review materials from the local self-government institutions.

### 3.7 Socio Economic Survey

The interview schedule for the survey was pre-tested. The survey was conducted door-to-door by making personal interviews. In this interview, size and nature of land, assets /cultivation/ other structures were recorded. The details of affected families, possession of legal documents (if any, towards the claim of property), data related to social profile, family details, occupation, source of income, family expenditure, self employment activities, employment pattern were collected. Most part of the interview schedule has been pre-coded except those reflecting the opinion and views of PAFs, which have been left open-ended. Before filling the questionnaires, the affected families were asked to have a copy of the

necessary documents they need to produce as proof of their ownership on property. So documents like- Aadhar Card, Ration Card, Voter's Identity Card or other documents were verified whichever made available.

### 3.8 Key Informants (Stakeholders)

Social Impact Assessment is incomplete if all the stakeholders are not involved as they belong to the process of social life. Role and intervention of key informants is very vital as far as the mitigation process of acquisition and its aftermath. The SIA Team approached the key informants a number of times to elicit their views, suggestions and opinions. Majority of them provided the same views and a few of them did not cooperate at all. The key informants contacted include elected representatives of the area like MP, MLA, Panchayath Presidents, Deputy Collector (LA), District Industries Officer, District Agricultural Officer, Perumbavoor, Chairperson Perumbavoor Municipal, Panchayath Secretaries, and Village Officers, Perumbavoor Agricultural Officer etc.

Discussion with Special Tahasildar (LA)



Perumbavoor Tahasildar Mr. Sabu Isaac

MLA Shri. Eldose Kunnappilly



Joint verification of alignment at Thuruthy Junction

### 3.9 Compilation and Verification of Data

Survey forms duly filled were consolidated and entered into a database. This information was updated on a regular basis as and when data for incomplete forms were filled in.

### 3.10 Data Analysis and Report Writing

Once the data were collected and finalized with all the necessary changes, analysis of collected data was done using Statistical Package for Social Sciences (SPSS) and the report was prepared with sufficient tables and figures.

### 3.11 Social Impact Assessment Study of Sabari Railway Project, Perumbavoor division, Ernakulam (Day-wise calendar)

<b>Table No. 3.1 Schedule of Activities</b>		
<i>Sl. No</i>	<i>Activities</i>	<i>Date of Commencement</i>
1.	Approval and announcement of the study	16 March 2018
2.	Selecting Don Bosco College, Angadikadavu, Kannur as the SIA unit for Sabari Railway, Perumbavoor Division	16 March 2018
3.	Preliminary physical visit to the alignment for Sabari Railway	21 March 2018
4.	Preliminary discussion with District Collector, District Panchayat President, Tahasildar Perumbavoor Taluk, Municipal Chairperson, Grama Panchayat Presidents and Secretaries, village officers etc. regarding the Social Impact Assessment	22 March – 6 April 2018
5.	Preparation of draft survey tools for data collection and circulation to experts for inputs	28 March 2018
6.	Finalization of the survey tools after receiving inputs from stakeholders	3 April 2018
7.	Field test and pilot study	4 - 6 April 2018
8.	Preparation for Data collection	8 April 2018
9.	Orientation to the SIA team members	18 April 2018
10.	Commencement of data collection	19 April 2018
11.	Interviews with elected representatives and political leaders/ stakeholders	4 May - 12 May 2018
12.	Interviews with government officials including revenue department.	13 May - 22 May 2018
13.	Data coding , processing and analysis	18 May - 30 May 2018
14.	Preparation of draft report	31 May – 10 June 2018
15.	Discussion of the draft report with the SIA team members (in-house)	10 June - 12 June 2018
16.	Presentation of the SIA Progress to Ernakulam District Collector	30 August 2018
17.	Submission of Interim report to Govt.	16 November 2018
18.	Data collection of Perumbavoor and Odakali Railway station sties	17 Jan – 31 Jan. 2019
19.	Submission of Draft report for Public hearing	24 February 2019
20.	Submission of Advertisement for public hearing	27 February 2019
21.	Public Hearing	15, 16, 18 March 2019
22.	Modification and submission of the final report	24 November 2019

**3.12 Summary of the Public Hearing**

In connection with the land acquisition for Sabari Railway Project in Kunnathunadu Taluk, Perumbavoor Division, from Periyar till Odakkali including Chelamattom, Perumbavoor, Koovappady, Vengoor West, Rayamangalam and Asamannur villages and 5 Local Self Government Areas, public hearings of the landholders and the public were held on three days at three different locations from 11 am. Authorities from the Revenue Department, the Southern Railway and the SIA Unit were present.

*Malayala Manorama 06 March 2019*



The minutes of the proceedings of the public hearings are given below. The register of the participants is in the appendix.

*SIA: Sabari Rail (Kunnathunadu Taluk) –Report by Don Bosco Arts and Science College, Kannur*

**1. Public Hearing at Thuruthy Junction, 15 March 2019**

**Authorities present included:**

Mr. Ajayan K Rajan, V A L A, Southern Railway

Mr. M V. Paulose, Asst. Exe. Eng. Railway

Mrs. Pushpa Kumara Amma (Special Tahsildar L A, Perumbavoor)

Mr. E R Santhosh, Revenue Inspector)

Mrs. Simmy Antony, (R I)

Mrs. Bindu R, (R I)

Mrs. Bindu KG, (R I)

Mr. K B Anas (Surveyor)

*And the members of the Study team, Don Bosco Arts & Science College.*

Fr. Dr. K.O. Thomas (Koonan), Director, SIA Unit

Mr. Sebastian K.V. Team Leader, SIA Unit

Mr. Santhosh MSW

Mr. Dantis MSW

Ms. Mariya Tom, MSW

Ms. Ambili MSW

Public Hearing at Thuruthy Junction, 15 March 2019



## **2. Public Hearing at EMA - Municipal Town Hall, Perumbavoor, 16 March 2019**

### **Authorities who were present included:**

Mr. M V. Paulose Asst. Exe. Eng. Railway

Mr. Thomas Jose, Senior Section Engineer / Works/ constructions, Southern Railway  
Ernakulam

Mr. Ajayan K Rajan V A L A, Southern Railway

Mr. E R Santhosh, Revenue Inspector

Mrs. Simi Antony, (R I)

Mrs. Bindu R, (R I)

Mrs. Bindu K G, (R I)

Mr. K B Anas (Surveyor)

Mrs. Rema Babu, President Okkal Panchayath

Mr. Jose Varghese, Vice-President, Okkal Panchayath

Mrs. Rani Venugopal, Councillor XII-Ward, PBVR Municipality

*And the members of the SIA Study team, Don Bosco Arts & Science College.*

Fr. Dr. K.O. Thomas, Director, SIA Unit, Don Bosco Arts & Science College, Kannur

Mr. Sebastian K.V. Team Leader, SIA Unit

Mr. Santhosh MSW

Mr. Dantis MSW

Ms. Mariya Tom, MSW

Ms. Ambili MSW



**Public Hearing at EMS - Municipal Town Hall, Perumbavoor, 16 March 2019**



### **3. Public Hearing at Asamannur Grama Panchayth Hall, 18 March 2019**

#### **Authorities who were present included:**

Mr. M V. Paulose Asst. Exe. Eng. Constructions, S. Railway, Ernakulam

Mr. Thomas Jose, Senior Section Engineer / Works/ Constructions, S. Railway, Ernakulam

Mr. Ajayan K Rajan V A L A, Southern Railway

Mrs. Pushpa Kumara Amma (Special Tahsildar L A, Perumbavoor)

Mrs. Bindu KG, (R I)

Mrs. Soumini Babu, President, Rayamangalam Grama Panchayat

Mr. NM Salim, President, Asamannoor Grama Panchayat

Mr. E R Santhosh, (R I)

Mr. K B Anas (Surveyor)

*And the members of the SIA Study team, Don Bosco Arts & Science College:*

Fr. Dr. Thomas Koonan, Director, SIA Unit, Don Bosco Arts & Science College, Kannur

Mr. Santhosh MSW

Ms. Mariya Tom, MSW

Ms. Ambili MSW

*List of affected participants: participants' registration copy given in the annexure*

**Public Hearing at Asamannur Grama Panchayth Hall, 18 March 2019**



## **Summary Report of the Discussions**

The affected parties who participated in the Public Hearing presented their problems and indicated the minor omissions in the draft report regarding the assets and inventories. The Team Director and team leader together clarified and got the draft report corrected.

### **Major Study Findings agreed upon:**

- ❖ It is unanimously approved that the Sabari Railway is for Public Utility.
- ❖ There is no unanimous support for the proposed Railway Line, a few asked for change in the alignment.
- ❖ Majority of the affected parties are willing to give their properties for the project.
- ❖ Everybody demands immediate acquisition of land and proper rehabilitation and resettlement with fair compensation.

### **Common Proposals: To the Revenue Department**

- ❖ Fair compensation
- ❖ Rehabilitation with basic amenities for those who lose houses.
- ❖ Proper Resettlement packages for the fully affected families
- ❖ Compensation for those who lose sources of income / livelihood
- ❖ Wet land should get as much price as dry land
- ❖ Due to the delay in acquisition, the affected face financial crisis and are prevented from any transaction on the land especially those who face revenue recovery.
- ❖ Revenue Recovery to be put off till the acquisition is completed.
- ❖ There should be exemption of income tax on the compensation amount.
- ❖ The evictees should be given exemption from stamp charges at the time of purchase and registration of new land.
- ❖ Permission to convert the remaining wetland in to dry land after acquisition.
- ❖ In case the property the new buyer to get all compensation.

### **Common Proposals: To the Railway Department**

- ❖ Takeover of the remainder land/structure, if rendered unusable
- ❖ Proper road facility wherever roads are cut and entry gets affected.
- ❖ Railway track through the paddy field will destroy the water sources and adequate steps must be taken to prevent such destruction.
- ❖ Job opportunities for the affected families in the railway project
- ❖ Elevated constructions to avoid water clogging

- ❖ The Govt. / Railway should finalise and publish the dates for acquisition of the land and completion of the project.
- ❖ Possibility of construction in the remaining land?
- ❖ Alternatives for drinking water as it is affected by the acquisition
- ❖ Any communication regarding the acquisition must proper and informed through mail/ letter

### **Responses of the Revenue Authorities**

- ❖ The main question was related to fair compensation: the Special Tahsildar (Land Acquisition) clarified that compensation will be provided as per the ACT 2013. Surveyor, Land Acquisition, Mr. K B. Anas, explained that the Land acquisition is done through different methods. The most commonly used method is acquisition based on the Negotiable Purchase Act and now RFCTLARR Act - 2013 and followed by the amendments and the Kerala Govt. statutory rules of 2015. He clarified that all the benefits and provisions of the RFCTLARR Act will be provided to the affected. All the officials explained that the compensation is calculated in a scientific manner keeping in mind the difficulties and pain of the affected. Fresh orders will be issued from the Revenue Department with regard to the acquisition, following which assessment and valuation will be done at the current rates, following the methodology prescribed in the law.
- ❖ With regard to assessing the wet land as dry land, the Tahsildar pointed out that the existing land rule does not permit to do so.

### **Responses of the Railway Authorities**

- ❖ The Railway authorities affirmed that road accessibility will be provided for residences wherever it may be affected by the railway. Present accessibility will be ensured.
  - ❖ The Asst. Executive Engineer confirmed that the present alignment stones are final and the railway requires the same land.
  - ❖ The width of the area has been reduced recently in order to bring down the financial burden.
  - ❖ About issues related to the acquisition of the remaining land that becoming unusable due to the railway, the railway officer informed that the railway usually does not acquire more land than required.
  - ❖ The Asst. Executive Engineer clarified that as per the information he has, the railway never gives job to any affected. He further mentioned that as the railway officials
- SIA: Sabari Rail (Kunnathunadu Taluk) –Report by Don Bosco Arts and Science College, Kannur*

have been currently told not to receive such petitions for job, nothing can be done about it. Of course, the demand by the evictees can be forwarded to the authorities.

- ❖ About the query whether construction can be done in the remaining land, it was answered that constructions could be done.
- ❖ High-raised tracks throughout the line are too expensive and the railway can afford to use this method only sparingly.
- ❖ Present Status: Detailed estimate has been sanctioned up to Odakkali Station and as soon as the Special Tahsildar hands over the land, the railway has no difficulty to initiate the construction.
- ❖ Officers affirmed that the canal which supplies water will not be affected in Asamannoor Panchayat and there will be provision for the same.

#### **Individual Proposals / Concerns**

- ❖ Some of those who oppose the project proposed an alternative alignment from Chengannur to Sabarimala.
- ❖ Though there was an opinion to extend the railway up to Punalur and acquire enough land for double track, it was not acceptable to the majority as it would further delay the process due to the financial constraints.
- ❖ One of the affected women expressed deep concern about her house which is in a deplorable condition and asked the officers to give a solution.
- ❖ Another affected, a widow, expressed that her house and property were under revenue recovery and she could pay the debt only after the Railway takes it over and gives compensation. She was suggested to give an application to the district collector through SIA unit in order to set aside the recovery process.
- ❖ Some of the affected who participated in the Public Hearing at Perumbavoor were very much disappointed and came out with many arguments against the project and such its delay, futility. But there were others who endorsed the project and called for its speedy execution with fair compensation.

## CHAPTER 4 LAND ASSESSMENT

Perumbavoor Division of Sabari Railway Project that comes in Kunnathunadu Taluk of Ernakulam District is a fertile and cultivated area. It is fast developing due the concentration of a number of rice mills and timber industries. Spread over an area of 530.3 sq. km., the taluk has as boarders Pukattupadi Taluk on the North, Thripunithura Taluk on the South, Pazhamthottam Taluk on the East and Kakkanadu Taluk on the West. It has a population of 4.7 lakhs, out of which 2.3 lakhs are male and 2.4 lakhs are female. 11% of the total district population is Scheduled Caste and less than 1% is Scheduled Tribe. Agriculture was the major profession of the area earlier. However, many big and small scale industries have been established over the years in the area.

The SIA unit carried out a socio-economic survey covering all affected families in the months of April and May 2018. A structured interview schedule was used to collect detailed information on affected property, impacts on private assets, income and livelihood etc. for a full understanding of impact. The objective of the survey was to assess the impact on the people affected by the project, their socio-economic profile, and type of property, ownership of property, type of impact and its magnitude and details of affected property. The major findings and magnitude of impacts are discussed in the following sections.

### 4.1. Area of Impact

<b>Table 4.1 Area of Impact</b>	
<b>Area of Impact</b>	<b>Number</b>
Land survey numbers	734
Land area in Hectares	44.40.08
Total - Project Affected Families / Units	547
Total Project Affected People	2206
Loss of Residence	168
Loss of other structures	90
Loss of Business Units	15

The SIA for the Sabari Railway Project in the Perumbavoor Division was planned to be implemented in an area of 44.40.08 hectares. Based on the property identification, the number of Project Affected Families (PAF) has been determined. There are 537 affected families comprising of 2206 persons and 10 others (properties belonging to Municipality, public properties including mini stadium, pump house, road, place of worships, land belong to religious institutions, canal etc.)

## 4.2 Land Requirement for the Project

The proposed Sabari Railway Project in the Perumbavoor Division requires 44.40.08 hectares of land for the implementation of the Project. The affected areas include private possession, Govt. land and land belonging to Trusts and religious organizations.

## 4.3 Use of Public Land

There are public properties like Panchayath mini-stadium of Mudakuzha Panchayath, Government Agri-farm, one pump house belonging to Perumbavoor Municipality, roads and canals affected due to the implementation of the project.

## 4.4 Land Already Purchased

No land acquisition had been made for the proposed project in prescribed area of Perumbavoor division.

## 4.5 Quantity of Land Proposed to be acquired

<b>Table No. 4.2 Land Area Requirement</b>			
<i>Sl. No.</i>	<i>Block No.</i>	<i>Village</i>	<i>Extent in Hectares</i>
1	18	Perumbavoor	00.70.00
	-	Perumbavoor	08.82.24
2	9	Koovappady	00.72.00
	-	Koovappady	04.92.50
3	17	Vengur West	06.63.00
4	14, 15	Asamannoor	17.40.80
5	16	Rayamangalam	00.57.00
6	-	Chelamattom	04.62.54
		Total	44.40.08

An estimated total of 44.40.08 hectares of land has been identified and selected by the State Government in association with the Railway Board and Special Tahasildar Office for Land Acquisition, Perumbavoor. It includes private land, land belonging to place of worship and other properties of social organizations, commercial establishments, Grama Panchayat and government.

### 4.5.1 Land Details according to the Villages

As per the Govt. order, 44.40.08 hectares are to be acquired in 6 villages. There are 547 families / institutions from 734 survey numbers in the alignment area covered by SIA. The extent of property at their disposition varies. As the final survey is not complete and the exact area required is not fixed, the land owners do not know the extent of land which will be acquired by the Railway. As per the information from the respondents, the alignment has been demarcated and painted recently but the land area is not surveyed and the extent as well



as the final acquisition order is not given to the land holders. The following table shows the total extent of the land holdings informed by the respondents.

<i>Land in cents</i>	<b>Table No. 4.3 Affected Area of Land</b>						
	<i>Asa-mannoor</i>	<i>Chelamattom</i>	<i>Perumbavoor</i>	<i>Vengur West</i>	<i>Rayamangalam</i>	<i>Koovappady</i>	<i>Total</i>
Less than 5	11	4	20	8	0	5	48
5 to 25	40	41	66	45	0	20	212
25 to 50	48	19	28	19	1	12	127
50 to 75	14	2	13	12	0	7	48
75 to 100	11	4	4	6	0	3	28
100 to 200	13	7	3	7	0	2	32
More than 200	11	8	1	4	1	0	25
Not Provided	4	13	9	3	0	2	31
Total	152	98	144	104	2	51	551

#### 4.5.2 Type of land affected by the acquisition

Table No.4.4 shows the type of land affected by the acquisition. Totally there are 551 land holdings belonging to 547 land/property holders. There are 378 plots of land as dry land, 159 plots as wet land and 6 converted lands or landfills. Details of 8 land holdings are not available or not provided.

<i>Village</i>	<b>Table 4.4 Type of Land</b>				<i>Total</i>
	<i>Dry land</i>	<i>Wet land</i>	<i>converted land</i>	<i>Not Available</i>	
Asamannoor	115	35	0	2	152
Chelamattom	61	34	0	3	98
Perumbavoor	115	21	5	3	144
Vengur West	70	34	0	0	104
Rayamangalam	2	0	0	0	2
Koovappady	15	35	1	0	51
Total	378	159	6	8	551

#### 4.5.3 Land Acquisition- Structures Affected

The Alignment will run across the structure like 168 houses, 15 commercial/ industrial units, 23 toilets and bathrooms, 5 places of worship, 13 walls & gates, 48 sheds/stores, and 1 petrol pump. The total number of structures affected by the alignment is 273.

<i>Structure</i>	<i>Frequency</i>
Houses	168
Commercial units	15
Toilets & bathrooms	23
Places of worship	5
Gates and walls	13
Sheds/stores	48
Petrol pumps	1
Total	273

#### 4.5.4 Number of Families/Households/Units Affected

With the acquisition of their property in alignment 537 families and their dependents totalling to a population of 2206 people will be affected. Table No. 4.6 shows village-wise Family types of the affected. 24 families are living together in the joint family system. Majority of the families (491) are nuclear families. There are also 8 single member households and 14 landholdings come under *Not Applicable/ not available* category.

<i>Village</i>	<i>Joint Family</i>	<i>Nuclear Family</i>	<i>Single Person</i>	<i>Not Applicable</i>	<i>Total</i>
Asamanur	11	133	3	3	150
Chelamattom	5	85	0	3	93
Perumbavoor	6	124	1	5	136
Vengur West	1	99	3	2	105
Rayamangalam	0	2	0	0	2
Koovappady	1	48	1	1	51
Total	24	491	8	14	537

#### 4.6 Extent of Land Affected

<i>Extent in cents</i>	<i>Fully</i>	<i>Partially</i>	<i>Not Known</i>	<i>Total</i>
Less than 5	43	28	2	73
5 to 25	87	131	3	221
25 to 50	32	68	0	100
50 to 75	9	32	0	41
75 to 100	6	19	0	25
100 to 200	9	21	1	31
More than 200	5	17	3	25
Not Provided	8	21	6	35
Total	199	337	15	551

Table No. 4.7 shows the extent of impact on land whether it is fully or partially affected. As reported 199 land holdings are fully affected and 337 landholdings, partially affected. About 15 landholdings the extent the land affected is not known. The table also shows the impact on the extent of land holdings.

#### **4.7 Quantity and Location of Landholdings Proposed to be Acquired for the Project**

As stated earlier, the land yet to be acquired for the project under SIA study purview is about 44.40.08 Hectares of land owned by 551 landholdings under 734 survey numbers.

<b>Table No. 4.8 Quantity and Location of Landholdings</b>			
<i>Sl. No.</i>	<i>Villages</i>	<i>No. of households/ Units</i>	<i>Land required</i>
1	Chelamattom	98	04.62.54
2	Perumbavoor	144	09.52.24
3	Koovappady	51	05.64.50
4	Vengur West	104	06.70.00
5	Asamannoor	152	17.40.80
6	Rayamangalam	2	00.57.00
7	Total	551	44.40.08

It is spread across 6 villages of Kunnathunadu Taluk, namely, Chelamattom, Perumbavoor, Koovappady, Vengur West, Rayamangalam and Asamannoor coming under 5 local self governments, viz. Okkal, Mudakkuzha, Rayamangalam, Asamannoor Panchayaths and Perumbavoor Municipality.

#### **\* Others include:**

1. 1 piece of land belonging to the Mosque at Kanjirakadu.
2. 1 temple at Kanjirakadu and 1 land belong to the temple near Poopani, Perumbavoor.
3. 1 land belonging to the Okkal Krishi Bhavan.
4. 2 plots of SNDP at Chelamattom Village.
5. 1 plot of Mini stadium of Mudakkuzha Panchayath in Thuruthy Junction.
6. 1 canal at Vengur West Village. (There are some portion of Roads and Canals which have not taken in to consideration as it is belonging to the Government).
7. 1 Land belong to Temple at Poopani
8. 1 Small pump house belongs to Perumabavoor Municipality in Survey no, 3/3, 3.4, near Anthikulangara Temple.

#### 4.8 The alignment snapshot & SIA in Action in Kunnathunadu Taluk



Place of worship in the alignment



Alignment stone in a timber factory



Farm with alignment stone



Alignment stone in a timber factory



Field Data Collection in the alignment



One of the Houses in the Alignment



A temple near Kanjirakadu in the alignment



Interlock bricks factory in alignment

#### 4.9 Inventory of Productive Assets

##### (a) Asamannoor Village

Sl. No.	Name & Address	Survey No.	Type of Land	Assets/Crops	Issues Raised
1	A M Shaji Arikkal (H) Akkunnu, Odakkalil	126/5- 2/2	Dry land	House, Coconut-2 Mahogany-5, Atha tree-,1 Plantain	Immediately implement the project or stop it.
2	Abdul Ghadar & - Leyla Enjakkudy (H) Asamannoor PO Odakkalil 683549	126/3-3	Dry land	Coconut-2 Vatta-4 Mahajani-2 Arecanut-3	No issues and no recommendations.
3	Abdul Ghadar CK Chittedathukudi (H) Asamannoor PO Akkunnam	109/10	Wet land	Paddy cultivation, Tapioca	No issues and no recommendation.
4	Abdul Salam Thottaathikulam(H) Eramalloor PO Pin 686691	252/3	Wet land	Paddy cultivation	No issues and no recommendations.
5	Adv. Anil Kumar, Kariyath (H), Asamannoor (PO), Cherukunnam - 683459	78/3, 78/4, 78/4-3	Dry land	House, Cattle shed, Pump house, Teak -5, Jack tree-3, Aanjili -15, Cotton tree -10, Mahogany -15, Nutmeg -15, Cocoa -15, Coffee plant -10, Rubber -100, other trees -2	I agree with this project. Implement the project immediately and provide better compensation
6	Aliamma Johny Suji Villa, Asamannoor(PO) Poomala - 683549	46/12 46/14 42/8	Dry land	Coconut tree - 3, Cotton tree-3, Aanjili-1, Jacktree-1, Cocoa-1, Areca palm - 4, Nutmeg-1	No recommendation and no issues
7	Alikutty Biran Chittedathukudi (H) Asamannoor PO Odakkalil	Not available	Dry land	Rubber-230 Teak-10, Jack tree-6 Vatta-100, House	No issues and no recommendations.
8	Aliyar Ponakkudiyil (H) Asamannoor PO	88/5 78/3	Dry land	House	No issues and no recommendations.
9	Aliyar Mundakkal (H) Eramalloor PO Nellikuzhi 686691	267/12	Dry land	Jack tree - 1 Mahagony - 1 Coconut - 2 Arecanut - 2 House	No issues and no recommendations.
10	Aliyar C M Chittedathukudiyil (H) Asamannoor PO Akkunnam	106/9 109/3 110/9-2	Dry land	Rubber - 200 Areca Palm - 25 Vatta - 15	No issues and no recommendations.
11	Ambika Sivan, Kunnath(H)	52/10	Dry land	House, Coconut tree - 3, Teak -3, other trees -3	Govt. should acquire the balance land, immediately provide compensation, or cancel the project.

12	Ammini Madavan, Panakkekudi (H) Cherukunnam, Asamanoor (PO)	21/2	Dry land	Coconut tree - 1, Cocoa -1, Mahogany-2	Loss of full property so expects better and fair compensation
13	Anitha K. N & Anil Kumar, Kariyan (H), Asamanoor (PO), Cherukunnam	85/7	not provided	Aanjili-8, Teak-6, Mahogani-2, Cocoa-8	No recommendation and no issues
14	Anjukunju & Sainabha Thalakkattu (H) Elamannur PO	Not available	Wet land	Tapioca	No issues and no recommendations.
15	Annamma Paily, Chamakalayil (H) Poomala, Asamanoor (PO), Pin: 683546	43/2	Dry land	Teak- 2, Coconut tree -1, Tamarind- 1	My mother waited for the compensation, but two yrs ago she passed away. This is very sad. Try to complete the process immediately
16	Annamma Peter & C P James, Chamakattu (H) Asamanoor (PO) Thalapunchakkara, Pin: 683549	57/28 57/8	Dry land	Aanjili - 5, Rubber - 8, Teak-2, Mahogani-3, Cocoa-6	No recommendation and no issues
17	Ansal E A Enjakkudi (H) Asammanur PO Odakkalil 683549	126/5-4	Dry land	House Pineapple	No issues and no recommendations.
18	Arun P Punnakkappilliyil (H) Eramalloor PO Pin:686691	252/2- 2/8	Wet land	Paddy cultivation	No issues and no recommendations.
19	Arun Raj (Abroad)	46/1	not provided	Rubber-18, Aanjili-2 Cotton tree-2, Coconut tree -1,	No recommendation and no issues
20	Asharaf Edasseriyil (H) Eramalloor PO	256/1 256/2 256/4-2 256/3	Dry land	Coconut-10 Teak-5 Aanjili-5 Jati-12	No issues and no recommendations.
21	Asharaf E I Enchakudiyil House	126/14	Dry land	Rubber-50 Vatta-7 Teak-1	Fully co-operate in this project. To provide better compensation. Start the project immediately
22	Babu K K, Kalarikkal house, Cherukunnam, Asamanoor (PO) Pin: 683549	121/3	Dry land	Bathroom & toilet, Coconut tree-1, Mahogani-1, Aanjili-1	No recommendation and no issues
23	Baby P G, Parathuvayalil (H), Odakali, Asamanoor (PO) - 683549	127/15	Dry land	Poultry farm, Areca palm -2, Coconut tree -18, Jack tree -40, Cocoa140, Cotton tree 16	Implement the project immediately, or cancel the project. We cannot do any transactions in our property.

24	Balakrishnan C. K & Sivashangaran C. K, Chemmayath (H) Asamannoor (PO) Cherukunnam	65/19,9, 64/14, 10	Wet land	Paddy Field	No recommendation and \ no issues
25	Basheer& Suleega Chitteduthukudiyil (H) Asamannoor PO	109/8, 109/7 109/6	Wet land	Paddy field	No issues and no recommendations.
26	Benny Paul, Biji Benny, Mukalath (H), Asamannoor (PO), Odakkali - 683549	133/3 132/10	Dry land	Rubber -30, Coconut tree 1, Cotton tree 4, Teak -2, Coffee plant -4	No recommendation and no issues
27	Benny Sebastian, Manguzha (H), Asamannoor (PO), Cherukunnam	22/17, 22/20, 22/19	Dry land	Rubber, Jack tree, Mahogany	Implement the project immediately otherwise cancel the project.
28	Biju Paul, Meikkamalil (H), Asamannoor (PO) Odakkali - 683549	59	Dry land	House, Cattle Shed, Out house	Implement the project immediately. Provide better compensation and resettlement
29	Bindhu Vinod, Maniyattu (H), Asamannoor (PO) Punnayam - 683542	61/19	Wet land	Coconut tree - 4, Mahogany -2	No recommendations and no issues
30	C P Issac Chamakkattu House, Vydashalappady, Eringur (PO) 683548	57/24, 56/6	Dry land	Teak-5, Jack tree-1, Mahogani-5, Aanjili-5, Coconut Tree-11, Rubber-285, Pepper Vine-4, Erupool-1	Provide compensation as per the market price. Remaining land cannot be used, so the government should take over the remaining land also.
31	C. K. Ibrahim, Chittiyathukudi (H), Asamannoor (PO), Odakkali, Pin: 683549	130/11	Dry land	House, Pump house, Mahogany -20, Cotton tree - 10, Aanjili -11, Cashew tree -1, Coconut tree 4, Teak -2, Tamarind -2	We are in a big economic trouble as we cannot do any transaction on the property. Implement the project immediately and provide the compensation. Expects job in railway
32	C. V Suresh, Chakkungamalil (H), Asamannoor (PO), Pin: 683549	47/14	Dry land	House, Coconut tree -7, Jack tree -4, Cocoa - 4, Mango tree -3, Teak -3, Cashew tree -1, Coffee plant -11, Cotton -16, Other trees -13	Govt. should acquire the balance land also. Because with this small amount of balance land we cannot do anything
33	Cheriyen Choti Edattikavungal (H) Asamannoor PO Pin: 683549	107/9 84/1A	Dry land	Rubber-50	No issues and no recommendations.
34	Cheriyen M. K, Soffy Cherian, Meikkamalil (H), Thalapunja, Asamannoor (PO)	52	Dry Land	Rubber -94, Teak -15, Coconut tree - 2, Aanjili 20, Palm -1 Cotton tree - 13, Coffee plant - 9, Pepper vine - 5	provide better compensation for the land and give a job in railway

35	Daniel, Palachuvattil (H) Cherukunnam, Asamannoor (PO) – 683549	13	Dry land	Wall of the yard, Areca palm - 1	The railway line is passing near the house and so cannot live in it. The government should provide better resettlement. Cancel the project if possible; Provide job for a member of the family.
36	Dhaleed Thottathikkulam (H) Kuttulanji Nellikuzhi	256/3 256/4-1 256/4-2 256/1	Dry land	Rubber-10 Vatta-5 Teak-2 Arecanut-2	No issues and no recommendations.
37	E A Abuu &Nabeesa Enjakkudy (H) Asamannoor PO Odakkalil	126/17, 126/16, 126/6 126/17-2 126/15-2	Wet land Dry land	Teak - 2 House	No issues and no recommendations.
38	Ebraheem Chittedathukudiyil (H) Asamannoor p o Odakkalil Pin:683549	114/2	Dry land	House, Rubber - 200 Teak-4, Anjili - 8 Mango tree-5 Coconut-5 Jack tree-2, Areca palm -5	Fully co operate in this project .To provide better compensation. Immediately start the project.
39	Ebraheem Enjakkudiyil(H) Asamannoor 683549	111/1 126/4 115/2	Dry land	Vatta-20 Rubber-50 Teak-4 Other trees-1	Full support to this project and immediately implement the project.
40	Eby P Mathews & A C Mathew Pomakkal house Asamannoor Poomala - 683549	44/1, 44/9, 44/15, 46/1-2	Dry land	House, Aanjili-9, Mahogani-7, Cotton - 9, Teak-3, Coconut tree- 17, Areca palm-29, Nutmeg-37 Cocoa-1, Coffee plant-2, All spice-1 Tamarind-1, Rubber-21,	No recommendation and no issues
41	Eldo paul Erumala (H) Payipra PO 686692	255/4 255/3-2 255/5	Wet land	Paddy cultivation	No issues and no recommendations.
42	Eliyas M V, Menothmalil (H) Puthiya road, Erul (PO), Thrikkariapur	51/1	Dry land	Rubber-120, Aanjili-1, Coconut tree-12, Other trees-1, Palm-1, Jack tree-1	If it is possible, change the alignment, Provide road for the remaining part of the land
43	Elssy Thomas, Chittayam (H), Cherukunnam, Asamannoor (PO)	64/11, 12,13	wet land	Paddy, Areca palm- 6, Coconut tree -1	No recommendations and no issues
44	Ebraheem Chittedathukudil (H) Asamannoor PO Odakkalil	180/1	Dry land	House, Teak-15, Coconut tree-30 Jack tree-4, Rubber-250 Mahagony-25	No issues and no recommendations.
45	Faisal Chittheadthukudi (H) Asamannoor Akkuunum 683549	79/15-2 79/15-3	Dry land	House, Rubber-135 Jack tree-2, Teak-5 Coconut tree-10 Mahagony-6 Vatta-5 Mango tree-2	No issues and no recommendations.



46	Fathima Muhammed Narimattam (H) Asamannoor PO Akkunnum Pin:683549	107/12 107/12-3	Dry land	Rubber-100, Vatta-11 Jack tree-1, Aanjili-7 Mango tree-2 Teak-5 Cashew nut tree-1 Mahogani-5, Coconut-36 Arecanut-3	Ensure job for one member of the family.
47	George Joseph, Mekkamalil (H), Asamannoor (PO), Cherukunnam -683549	20/5	Dry land	Teak -10, Mahogany -5, Anjili -4, Mango tree -1, Cotton tree -1, Cocoa -6, Nutmeg -1, Coconut tree -2, Areca palm -10, Jack tree -1, other trees -9	No recommendation and no issues
48	George Joseph, Uzhinjapuram (H), Cherukunnam, Asamannoor (PO), Pin: 683549	65/5, 66/6	wet land	Paddy Field	No recommendation and no issues
49	George K. J, Kottarathumkudi (H), Asamannoor (PO), Odakkali- 683549	43/1	Dry land	Banana, Coconut tree -8, Teak -3, Mango tree- 1, Other trees -4	no recommendation and no issues
50	George Peter, Varikkikal (H), Cherukunnam, Asamannoor (PO)	13	Dry land	Turmeric, ginger, Pepper vine	No recommendation and no issues
51	Hassan Thottattikkulam Edasseriyil(H) Eramalloor p o	255/10 256/11 256/12	Wet land	No assets	No issues and no recommendations.
52	Hawamma Usaf Chittethody (H) Asamannoor 683549	88/8-4-2 88/8-5	Dry land	Rubber-160	No issues and no recommendations.
53	Indira Kuttan, Kuttan K. S, Kuttikal (H), Tharapunji, Asamannoor (PO),	54/12	Dry land	House, goat 2, Coconut tree- 6, Mahogany -5, Aanjili -14, Jack tree -1, Thambakam -1, Cotton tree -2, Teak -3, Other trees- 1	Government should acquire the balance land also. We lose our house. So find a solution for that.
54	Jacob C P, Chamakkala (H) Asamannoor (PO), Odakkalil Pn: 683549	43/6, 43/18	Dry land	Teak-3, Jack tree-2, Aanjili-2, Mahogany-2, cotton tree-7, Tamarind-1, coconut tree - 4	Fair compensation, Provide job for one family member, Remaining land should be taken over by the government with better price.
55	Jamal Enjakkudiyil(H) Methala Akkunnu,Odakkali	78	Dry land	House, Mahogany - 20 Teak-3 Coconut-9, Jati-2 Arecanut-15	Immediately implement the project.
56	Janaki Kayyanikkal (H), Asamannoor (PO), Cherukunnam, Pin: 683549	21	Dry land	House, Coconut tree-1, Jack tree -6, Cocoa -3, Tamarind -2, Aanjili 2, Areca palm -8, Elanji -2, Other trees -5	I lose part of my house. So Government should provide a house in Asamannoor Panchayath

57	Jessy Joseph, Areekkal (H), Asamannoor (PO), Cherukunnam, Pin: 683549	20	Dry land	Wall of the yard, septic tank, Teak -2 Nutmeg -5, Coconut tree-1, Jack tree -6, Tamarind -2, Aanjili -1, Areca palm -7, Pepper vine -8	Implement the project immediately otherwise cancel the project
58	Jessy Kuriakose, Chamakkattu (H), Odakkali, Asamannoor (PO)	55/13	Dry land	Rubber- 250, Coconut tree -15	Provide market value for the land
59	Jose P D, Ittapillil (H), Kuruppumpady (PO) - 683545	159/4	wet land	Paddy land	We can't take any loan on this land because of this project
60	Joshy Vareeth Thanniserikkara (H) South Basar Road Irinjalakuda 680121	90/7 90/4-20 90/3 89/7, 89/6 89/7-2 89/9-2	Dry land	Pineapple plantation House Nutmeg 15 Coconut 40 Teak 25	No issues and no recommendations.
61	Joy Mekkamalil (H) Odakkalil	115/4 115/5	Dry land	Pineapple plantation Teak-20 Aanjili-2 Vatta-6	Immediately implement the project.
62	Joy Ouseppu, Thekkekuneth (H) Asamannoor (PO), Cherukunnam Poomala - 683549	22/5, 22/19-2, 240/1 240/2 45/3	Dry land	Rubber-80, Coconut tree -7, Mahogany-28, Teak-2, Jack tree-1, Areca palm-6, Palm-3, Aanjili-1	Provide job for one member of the victim of the project. Provide road to the remaining part of the land.
63	K P Mathai, Karikkanpara (H), Asamannoor (PO),	43/1	Dry land	Rubber- 31, Mahogany -9, Aanjili -4, Coconut tree -1	Expecting job in railway
64	K.H Shereena, Pathumma, Menamkudi (H), Onnam Mile, Perumbavoor (PO), Pin: 643542	42, 43/3-2	Dry Land	Land	No recommendation and no issues
65	K.K. Balan, Poomala, Asamannoor (PO), Cherukunnam	22/11	Dry land	Teak -19, Cocoa -38, Coconut tree -10, Aanjili - 14, Jack tree - 5, Mahogany -6, Nutmeg -1, Elanji -1 Coffee Plant -1, Cotton tree 1	Good for development
66	K. M Pareeth, K. M. P Engineering College, Poomala, Odakkali	49/2, 2/3, 2/4	Dry land	College gate and wall	Reconstruct the college gate and wall. Try to change the alignment if possible.
67	Kannankutty (late) Thottathil & Thamban Thottathil	347/27	wet land	Areca palm-14	Provide fair compensation.

68	Kareem & Moideen Chittathukudiyil House	106/16	Dry land	Rubber-150, Vatta-5 Coconut-20, Jati-20 Mahagony-10, Jack tree-1,	No issues and no recommendations.
69	Kareem C M & Fathima Chittathukudiyil House	106/14 107/10 110/4 110/10 110/11	Dry land	Rubber-425, Coconut-8 Jati-5, Teak-10 Mahagony-60 Arecanut-95, Vatta-10	No issues and no recommendations.
70	Krishnan Panikkapady Poomalakkara Assamanoor PO	54/3	Dry Land	Pineapple	
71	Kunjamma Ouseph, Arakkal (H), Cherukunnam, Asamanoor (PO)	13	Dry land	House, Mango tree -2, Jack tree -2, Nutmeg-8, Coconut tree -3, Areca palm - 10, coffee plant – 40,	Since 40 years we are living here, Expecting better compensation
72	Kunjumuhammed & Sameera Enjakkudiyil (H) Akkunnam, Orsaleem Asammannur PO	126/6	Dry land	Rubber-150 House	No issues and no recommendations.
73	Kuriyan Kuriyakose, Maniyattu (H), Asamanoor (PO), Punnayam - 683549	61/4	Wet land	Paddy Field	This project will affect the environment and the life of the normal people. If provide more service it will help the transportation
74	Kuttiyamma, Kavumparambu (H), Reyonpuram, Kanjirakkadu 683543	encroach	Dry land	House, Coconut tree -9, Cotton tree -1, Jack tree -1, Aanjili -1, Other trees -3	Provide better compensation and land for building a house
75	(Late) Eliyas M I, Menothumalil(H), Asamanoor(PO), Odakkali 683549	133/3-4, 3-3, 1-1	Dry Land	Nutmeg -1, Rubber -14, Coconut tree -15, Teak -5, Aanjili 1, Cotton tree -5	No recommendation and no issues
76	(Late) Govindan Nair, Kallara (H), Asamanoor (PO), Cherukunnam	57/9 61/17	Wet land	Paddy Field	I agree with this project. Implement the project immediately and provide better compensation
77	(Late) Roy Kuriackose, Meikkamalil(H), Cherukunnam, Asamanoor(PO), Pin:683549	81/1	Dry land	House, Cattle shed, Pump House, Nutmeg - 2, Mahogany -1, Teak - 10, Mango tree -3, Coconut tree -1, Jack tree -2, Cotton tree -1, Tamarind -1, Other trees -7	We lose our house completely
78	Leela George, Panakkal (H), Odakkali, Asamanoor (PO),	52/20	Dry land	Coconut tree -19, Jack tree -2, Pineapple	Provide job for one member of the affected of the project; Give the compensation soon

79	Leelamma C P, Chamakkala house Asamannoor (PO), Odakkalil - 683549	43/18	Dry Land	House	Since 1983 I live in this home. Now I am 72 years old and I am staying alone. When the project comes where will I go?
80	Leelamma Eldhose, Chathanattu (H), Asamannoor (PO), Poomala, Pin: 683549	43	Dry land	House, Shed, Dog, Hen-5, Aanjili -2, Coconut tree -5, Jack tree -3, Nutmeg -7, Tamarind -4, palm -1, Pepper vine -6, Teak -3, Cocoa -6, Cotton tree -4, Coffee plant 9, other trees -4	Expecting resettlement
81	Luice T. V. Thachethukudi (H), Punnayam, Asamannoor (PO) Pin: 683549	3/6	Dry land	Coconut Tree-20, Aanjili - 12, Cocoa – 52 Mango tree - 9 Konna – 19 Areca Nut – 90 Vatta – 33 Jack - 2	No recommendations and no issues
82	M K Abraham (late) Mary Abraham, Maliyekkal House, Cherukunnam, Asamannoor (PO) Pin: 683549	12/3	Dry land	House, Teak-22, Aanjili -5, Jacktree-2, Mango tree-1, Nutmeg-7, Areca palm-4, Cotton tree-7, Mahogani-2, Rubber-6, Guava tree-1, Coconut-6, Other trees-3, Coffee Plant-3	Loses all the properties and house, road to enter the property, Remaining land become useless. Provide better compensation for the properties.
83	M O Thomas, Manalikkudi (H) Asamannoor (PO), Cherukunnam	13/49	Dry land	House, Guava-1	Implement the project as soon as possible and Provide better rehabilitation package
84	M. M. Joy, Mekkamalil (H), Odakkali, Asamannoor (PO), Ernakulam -683549	59/2	Dry land	House, Teak -43, Areca Palm -4, Coconut tree -5, Cotton tree -20, Aanjili -6, Nutmeg -20, Jack tree -2, Pepper vine-8, Coffee plant -30, Tamarind -1, Pineapple	Make tunnel to build railway track. This project is not good for the neighbours
85	M. P Kunju, Menothmalil (H), Odakkali, Asamannoor (PO), Pin: 683549	52/9	Dry land	House, Out-house, Store Room, Cattle shed, Coconut tree -18, Aanjili -14, Teak -13, Cotton Tree - 11, Rubber -92, Aatha -1, Mango tree -2, Cocoa -1, Jack tree 2, Nutmeg -6, Edana -2 Mahogany -4,	I think this railway is useful only for the sabarimala passengers. Provide better compensation for the land and house. Immediately find a solution for the resettlement of the affected. Or cancelled the project.
86	Maniyan Koyyel, Vattachali Pattam, Punnayam Asamannoor: 683549	60/4	Wet land	Paddy Field	Implement the project immediately

87	Mary Varghese, Medayil (H), Asamannoor (PO), Poomala - 683549	43/2	Dry land	House, Teak -1, Mango tree -2, Coconut tree -1, Pepper vine- 3, Coffee plant -1, Aanjili -1, Jack tree -8, Cashew tree -1, Other trees -2	I agree with this project. Implement the project immediately and provide better compensation for the land and house. Expecting job in railway.
88	Mercy Baby, Puthanpurackal (H) Asamannoor (PO), Cherukunnam	12/3	Dry land	land	Increase the distance of the railway line.
89	Minu Raju, Cherukunnam, Asamannoor (PO)	12/34, 11	Dry land	Teak -2, Coconut tree -2, Areca palm -2	No recommendation and no issues
90	Mohan P. P, Pulikkakudi (H), Asamannoor (PO)	57/16	Dry land	Banana, tapioca	No recommendation and no issues
91	Moideen C M Chittathukudiyil H	110/1	Dry land	Rubber-200 Mahogany-25 Vatta-5, Arecanut-50	No issues and no recommendations
92	Molly Joy, Chamakkala House, Asamannoor (PO) , Poomala - 683549	43/2	Dry land	Coconut tree- 8,Teak -2, Mahogany - 14, Jack tree -4, Areca palm, 2, Thambakam -7	No recommendation and no issues
93	Muhammed Enjakkudiyil (H) Asamannoor PO Akkunnu Pin 683549	88/7-1 88/8-3	Wet land	Rubber-80, Vatta-20 Jacktree-4, Aanjili-8 Coconut tree-15 House	No issues and no recommendations.
94	Muhammed C M Chittedathukudiyil (H), Asamannoor PO Odakkalil - 683549	106/13 106/15	Dry land	Rubber-175, Jati-20 Coconut-13 Arecanut-60 Teak-1, Vatta-5	No issues and no recommendations.
95	Muhammed Faisal Enjakkudy (H) Odakkali Asamannur Pin:683549	126/5	Dry land	House, Mahogany-11 Coconut – 5, Jacktree-1 Mango tree-1 Vatta-9, Rubber-30 Aanjili-2, Teak-1 Arecanut-5, Other trees-3	Fully co- operates with this project. Immediately implement and assures a job for the family member.
96	Nabeesa beethan Chittedathukudiyil (H) Asamannur PO Akkunnu, Odakkalil	110/7	Wet land	Rubber-150 Vatta-3 Arecanut-500	Job for one member of the family.
97	Nabeesa Moideen Chittedathukudi (H) Asamannoor, Odakkalil	126/17	Dry land	Coconut-6 Mahogany-8 Vatta-1 Jacktree-1	No issues and no recommendations
98	Nachi Kochahammad Chittethukudiyil H Asamannoor PO 683549	110/12	Dry land	Rubber 100 Mahogany 3 Aanjali 2 Coconut 2 Well. Pump House	
99	Naisad Palakkal (H) Asamannoor PO Odakkalil, Akkunnam	Not available	Dry land	House	No issues and no recommendations.

100	Nasar CM Chittedattukudiyil (H) Asamannoor PO Ekkunnu	79/18 79/15 114/4 71/22	Dry land	Rubber-250 Anjili-10, Vatta-5 Teak-1, Coconut-4	No issues and no recommendations.
101	Nasar Palakka Asamannoor PO Akkunnu Odakkalil Pin 683549	Not available	Dry land	Coconut tree-3 Jacktree-3 Mango tree-1, Aanjili-1 Other trees-2 House	No issues and no recommendations.
102	Nasarudeen Thottathikkulam (H) Eramalloor PO	252/3-4 252/3-5	Wet land	Paddy cultivation	No issues and no recommendations.
103	Naushad Palakkal House	NA	Dry land	House	Unable to Reach
104	Nelson Luice, Chittayam (H), Cherukunnam, Asamannoor:683549	22/6-2, 22/13-2	Dry land	Not provided	No recommendation and no issues
105	Nivya Badusha Thottathikkulam (H) Eramallur PO Pin: 686691	Not available	Dry land	House, Coconut-8 Teak-2 Vatta-2 Jackfruit tree-3	We lose our property fully. So we need proper rehabilitation and proper housing facility.
106	Ouseppu Abraham Mekkamalil (H) Aikkara (PO)	133/7	Dry land	Rubber	No recommendation and no issues
107	P G Varghese, Parathumvayalil Asamannoor (PO), Odakkalil - 683549	127/5, 127/4, 127/16, 127/13,1 27/3, 127/6, 127/7	Dry land	Areca palm-40, Teak-50, Rubber-160, Thanni-10, Mango tree-8, Coconut tree -90, Aanjili-20, Mahogany-12, Cotton tree-70, Thambakam-2, Jacktree-5,	No recommendation and no issues
108	P V Krishnan (late) Rajan P K, Panikkappadi (H) Asamannoor (PO), Thalapunjakkara, Pin: 683549	54/3	Dry land	House, Coconut tree -18, Tamarind-1, Mahogani-4, Jack tree-5, Mango tree-6, Aanjili-2, Cotton tree-5, Thambakam-1, Bamboo-5,	Re-settle the transportation, Job for a family member Give the compensation immediately.
109	P. K Keshavan Pillai, Padikkapurath (H), Cherukunnam, Asamannoor (PO), Pin: 683549	81	Dry land	Jack tree -1, Teak -2, Coconut tree -4	Give the compensation amount as advance. I lose my land for railway. So provide another land which is suitable to build
110	P. K Sreedharan Pillai, Padikkapurath (H), Cherukunnam, Asamannoor 683549	81	Dry land	Coconut tree -3, Elavu -2	Inform the land owners about the project through a notice and provide the advance amount
111	P. K. Raghavan Pillai, Padikkapurath (H), Asamannoor (PO), Cherukunnam	81/15	Dry land	Coconut tree -8, Mango tree -2, Teak -1, Mullangini -1	Give the compensation amount as advance. Provide another land which is suitable for build a house.

112	P. V. Paulose, Paruthyvalil (H), Asamanoor (PO), Odakkali - 683549	127/12, 127/14	Dry land	Rubber -40, Coconut tree -8	Acquire the land immediately otherwise cancel the project
113	Pankajam Sreedharan Nangelil (H), Aimuri, Pin:683544	56/4-2	Dry land	Rubber	Acquire the land immediately. Provide job for one of the family member of the victim
114	Pathrose Nedumpuram, Nedumpuram (H), Asamanoor (PO), Punnayam	55/4, 5,6,7	Dry land	Jack tree -4, Teak -5, Nutmeg -5, Aanjili 3, Areca palm 16, Bread fruit -4	No recommendation and no issues
115	Pattuma Muhammed Thelakkadu (H) Eramaloor PO Kuttulanji - 686691	255/3	Wet land	Paddy cultivation	No issues and no recommendations.
116	Paulose, Menothmalil (H), Asamanoor (PO), Odakkali, Pin:683549	133/4	Dry land	House, Cattle shed, Teak -10, Jack tree-2, Aanjili -2, Cotton tree - 8, Maruthu -11	Implement the project immediately and provide better compensation
117	Philipose C. T, Cheriyavelur (H), Punnayam, Asamanoor (PO)	3/4	Wet land	Tapioca, Coconut tree -2, Aanjili -1	Provide road facility to the land
118	Radha Rajan, Kallidumbil(H),	60/3	Wet land	Paddy land	No recommendation and no issues
119	Rajan M Thomas, Menothmalil house, Thalapunjakkara, Asamanoor (PO)	54/12, 54/7, 54/13	Dry land	Agriculture - Rubber & coconut tree	Provide transportation facility
120	Rajan MK, Ambilimalil house, Punnayam, Asamanoor (PO) Pin: 683549	61/7	wet land	Areca palm-8	No recommendation and no issues
121	Rajappan Nair, Kallara (H), Cherukunnam, Asamanoor (PO),	65/2-3	wet land	Banana, Tapioca	No recommendation and no issues
122	Rajesh M T, Madumala house, Cherukunnam, Asamanoor (PO)	23	dry land	House	No other house stay. Fed up to live in different houses for rent. So wish to get own house
123	Rajiv M. M, Mulakkekudi (H), Cherukunnam, Asamanoor (PO)	65/7,8	wet land	Coconut trees -15	Provide job for one member of the victim of this project.
124	Rugmini Amma, P. K. P. Pillai, Padikkapurath (H), Asamanoor (PO), Cherukunnam	81	Dry land	Jack tree -2, Teak -1, Coconut tree -2, Other trees -4	Now I am 80 years old and am a widow. How many years I have to wait for the compensation?

125	Sahajan O.K, Mudakkirayi, Kuruppumpady	61/5-3	Wet land	Coconut tree - 4, Teak - 1	Implement the project immediately. Provide a Job in railway for one of the family members of the victims. Now I can't make house in my land because of this railway project. Find a solution immediately.
126	Sajeev, Kakkuzhi (H), Odakkali,Thalapunja, Asamannoor 683549	57/11	Dry land	Coconut tree -1, Teak - 2, Jack tree -2, Aanjili - 8, Mahogany -4 Cotton tree -1, Coffee plant -7	Implement the project immediately otherwise cancel the project
127	Saleem C M, Pareed Chittedathukudiyil (H) Asamannoor PO Akkunnu, Odakkalil	90/1 90/2	Dry land	Industrial unit	No issues and no recommendations.
128	Saleem CK Chittedathukudiyil (H) Asamannoor PO Odakkalil Pin:683549	79/15-2- 3	Dry land	Coconut-2, Rubber-130 Aaanjili-6, Mahajani-2 Jack tree, Vatta-1	No issues and no recommendations.
129	Samma David, Chamakalayil (H) Asamannoor (PO) Poomala - 683549	40/10	dry land	Tapioca	No recommendation and no issues
130	Saraswathi K. V, Thekkilakkatil (H), Asamannoor (PO), Punnayam:683549	61/8	Wet land	Paddy Field	Acquire the remaining tiny piece of land also
131	Sarupilla (Late), Amina Nedungadu (H) Eraalloor PO Kuttulanji 686691	267/14 267/13 264/2 264/5	Dry land	Rubber-150 Aanjili-5 Vatta-15	No issues and no recommendations.
132	Shajiraj Kummanod Kudili (H) Akkanam, Odakkali	126/6-3	Dry land	Coconut-3 Vatta-2, House	Immediately implement the project
133	Shamsudeen T K Thottattikkulam (H) Eramallor PO Kuttulanji 686691	252/3-2	Wet land	No assets	No issues and no recommendations
134	Sheeja Das, Chakkunnamalil (H), Asamannoor (PO)	52/10	Dry land	Land	No recommendation and no issues
135	Sheik Muhammed Enittethakudi (H) Akkunnam Asamannoor	83/12 82/12	Dry land	Mahagony-46 House, Coconut-8, Vatta-4 Aanjili-2, Other trees-2 Jack tree-3, Teak-11	No issues and no recommendations.
136	Sidhik CM Chittethakudi House Ekunnam Asamannoor PO	90/6	Wet land	Rubeber 60	Implement immediately



137	Sreenivasan, Padickapirathu (H), Asamannoor (PO)	81/3	Dry land	House, Coconut tree - 1	Railway track will be a block for the development of Cherukunnam Town
138	Sumathyamma & Radha M P Kallara (H), Cherukunnam, Asamannoor (PO), Pin: 683549	66/16,23 , 66/18	Wet land	Nutmeg- 25, Coconut tree- 13, Areca palm - 7, Cotton tree - 9, Cocoa-5, Aanjili - 26, Mango tree -1, Teak - 2, Rather chandanam- 1, Ambazham -1, Mahogany -3 Pump house, well, pond, Paddy land	No recommendation and no issues
139	Sunny K. V, Kocheri (H), Asamannoor (PO), Vadakke Punnayam, Pin: 683549	51/18	Wet land	Coconut tree -6, Aanjili -1, palm- 20, Cotton tree -10, Areca Cocoa -1	This project is very good for the development. Provide job for 1 family member Govt. should acquire the tiny leftover land and provide better compensation.
140	T K Abdul Ghadar Thottathilkulam Valiyavittil (H) Eramalloor PO Kuttulanji	251/9	Wet land	Paddy cultivation	No issues and no recommendations
141	T K Abraham (Late) Punnakkappillyil (H) Payipra PO Pin:686692	255/6 255/7	Wet land	Paddy cultivation	No issues and no recommendations.
142	T K Muhammed Thottathikkulam Valiyavittil (H) Asamannoor Kizhakkeattam	109/12 109/11	Wet land	Paddy cultivation	No issues and no recommendations.
143	T. T. Abraham, Thombrakudiyil (H), Asamannoor (PO), Poomala, Pin:683549	43/2	Dry land	land	No recommendation and no issues
144	Thomas Sebastian, Manguzha (H) Asamannoor (PO), Cherukunnam	22/12	Dry land	Rubber	No recommendation and no issues
145	Thomman Varghese (Late ) Menothmalil Asamannoor (PO), Thalapunja - 683549	54/10	Dry land	Rubber -103, Teak -5, Jack Tree 1 Coconut tree-7, Aanjili -2, Mahogany -3,	After the Identification of land for railway, no transactions on this land. It is very difficult for us
146	Tommy Louis, Asamannoor (PO), Poomala, Cherukunnam	22/16,13	Dry land	Rubber& jack tree	After the Identification of land for railway, no transactions on this land. It is very difficult for us So Government acquire the land immediately and provide the compensation.

147		65/17, 65/3	wet land	Paddy field	Land split as two, loss of agriculture because of the water problem
148	Varghese Mathai, Pappali house, Asamannoor (PO) Odakkalil - 683549	57/22	dry land	Coconut tree -6, Teak-3, Aanjili-2	Provide fair compensation.
149	Varkey Thachettukudi House Asamannoor (PO), Punnayam - 683549	62/1	Wet land	Paddy	If the project is coming do that as soon as possible or cancel the project.
150	Varkey, Chamakkala (H), Asamannoor (PO), Odakkali, Pin: 683549	43/5	Dry land	Coconut tree - 4, cocoa - 5, Mahogany - 6, Aanjili -3, Teak - 5, Mango tree (small) - 2, Edana -1, Coffee plant - 4, Areca palm - 4, Cotton tree- 6, Maruth -1, Mullangini -1	Railway line is very near to our house. So Government may acquire the full land and provide the compensation
151	Xavier Babu, Mangalakkadan (H), K H S B 1st mile Perumbavoor, Pin: 683542	60	wet land	Coconut tree, Nutmeg, teak, Mahogany	This railway is only useful for the sabarimala passengers, Personally I am against this project, but for the development of our country I am ready to provide my land
152	Yohannan Pulinjiyil, Asamannoor 683549	54/4-2	Dry land	Rubber & Coconut tree	Provide market value for the land

**b) Inventory: Vengur West**

Sl. No.	Name & Address	Survey No.	Type of Land	Assets/Crops	Issues Raised
1	Ammini Kuriakose Kakkattukudiyil (H) Thuruthy (PO) Kuruppumpady	399/8, 399/9, 418/2	Dry land	Well, wall & gate, Coconut tree -5, Mango tree -1, Nutmeg-7	Alignment is too close to the house, privacy fully lost.
2	Ammini N. A Naduviledam (H) Thuruthy (PO) Thuruthy Pin:683545	388/15	Dry land	House, Aanjili -4, Mahogany -10, Coconut tree -2, Nutmeg -3, Jack tree - 2, Tamarind -1, Cotton tree -1, Well	Provide better compensation
3	Ammini Neelakandan Nalukandathil (H) Thuruthy (PO)	338/2	Dry land	House	Expecting resettlement
4	Annamma Varghese Kappalakkamadathil Thuruthy (PO)	185/12, 188/9,2	Wet land	Vegetables	No recommendation and no issues
5	Babu M Paul & Lisha Mary Varghese Muttanjeriyil (H) Pralaikkadu	225	Dry land	Well -1, Nutmeg -10 Rubber – 60 Teak -9 Mahogany -9	Reduce the pollution
6	Baby Paul Vadakkechalil (H) Mudakkirai Para	186/11	Wet land	Tapioca & banana	Acquire the land immediately and provide the compensation
7	Baby T. V. Tahamurukkudy (H) Thuruthy (PO) Prailaikkadu	182	Dry land	House, Pump house, and Hen cage, Areca palm -8, Rambuttan -1	I lost my house for this project. So provide a house and assure job for a family member.
8	Benny Pathrose & Reena Benny Manappadan (H) Kuruppumpady Para	189/6	Wet land	Paddy Field	Acquire the land immediately and provide the compensation
9	Bhadran (Late) Vadakkunnathumali (H) Thuruthy (PO)	336	Dry land	Land	Provide road facility to the land.
10	Biju Mathew Pulakkudi (H) Thuruthy (PO) Pralaikkadu	229/17	Dry land	Rubber -10, Nutmeg -2	No recommendation and no issues
11	Boby F (Late) Kuriakose Molakunnath (H) Thuruthy (PO) Pralaikkadu 683545	225/9, 10	Dry land	Out house, Well, Pond, Cattle shed, rubber machine shed, Coconut tree -4, Teak -4, Aanjili -2, Coco -100, Nutmeg -10, Mahogany -1, Pepper vine -3, Areca palm -2, Other trees -4	Provide better compensation
12	Dileep Kumar K. Thamarapilli Maddam, Thuruthy (PO)	386	Dry land	Mango tree -1, Nutmeg -2, Mahogany -2	Expecting job for a family member

13	Eldho A. V. Edakkara (H) Thuruthy (PO) Pralaikkadu	321/12, 320/13	Dry land	House, Cattle Shed, Coconut tree -1, Cocoa -1, Anjili -1, Pongalyam -1	Try to cancel this project because this is mostly agricultural land and densely populated. Provide job for a family member
14	Elishwa (Late) Kurian Pambrakkaran (H) Thuruthy (PO)	389/6	Dry land	Teak -3, Mango tree -2 Palm -2, Others -2	No recommendation and no issues
15	Geetha Gopi Kozhikadan (H) Thuruthy (PO) Pralaikkadu	225/12	Dry land	Aanjili -2, Areca palm -2, Other trees -2	Provide job for a family member
16	Gopalakrishnan T. K Thrissyamangalam (H) Thuruthy (PO) Pralaikkadu	330/1, 321/16	Dry land & Wet land	Paddy Field, Cocoa-1, Mahogany -12, Jack tree -8, Tamarind -1, Aanjili -15, House, Mango tree -2, Well	Implement the project immediately and provide the compensation to buy a house and land.
17	Gopinathan Nair Aikkara (H) Thuruthy (PO) Vengur	335/17 23	Dry land	Well-1, Aanjili -2, Coffee plant -6, Coconut tree -3, Arecanut-3	No recommendation and no issues
18	Haimavathy E. Chalil (H) Thuruthy (PO) Kuruppumpady	171/13	Wet land	Tapioca	No recommendation and no issues
19	Hariharan Thengelakudi (H) Thuruthy (PO)	386/18	Dry land	Rubber -25	No recommendation and no issues
20	Irrigation Canal Vengur west	180	NA	Canal	No recommendation and no issues
21	Janakiamma Bhaskaran Nair Aikkara (H) Thuruthy (PO) Pin:683545	335/14	Dry land	Nutmeg-25, Teak -1 Mango tree -3, Aanjili -24, Jack -2, Coconut tree - 10, Areca Palm -3, Tamarind -2, Coffee plant -17, Pepper vine -4, Cocoa -8,Others 3	Provide better compensation
22	Jeeva Reji & Reji Kuriakose Chirakkal (H) Thuruthy (PO) Kuruppumpady	223	Dry land	House, Cattle shed, Wall, Well, Work Shop, Mango tree -5, Cocoa -5, Coconut tree -11	Provide the market value for the land
23	Jessy Mathayi Pathikal (H) Thuruthy (PO) Pralaikkadu	182/4-2	Dry land	Wall of the yard and Areca palm -1, Well	No recommendation and no issues
24	Jomy Jose Chirakkal (H) Thuruthy (PO) Mudakkuzha	224/22	Dry land	House, Wall, Well, Rambuttan -2	I lose my house for this project

25	Jose E. O Enchackal (H) Thuruthy (PO) Thuruthy	388/5	Dry land	Coconut tree -1, Njaval -1, Jack tree -1, Aanjili - 2, Areca palm -1	Provide better compensation for the land and provide job for a family member
26	Jose E. O Edakkara (H) Thuruthy (PO)	330/2	Wet land	Paddy Field	Implement the project immediately
27	Jose Mathew Chirakkal (H) Kuruppumpady Para	185/3,5	Wet land	Banana, Tapioca	No recommendation and no issues
28	Joseph T Kottanadan (H) Thuruthy (PO)	420/5,2	Wet land	Paddy , Cocoa, Areca palm	Government should acquire the full land and provide compensation. Implement the project immediately
29	Joy P. K Palakkapillil (H) Rayamangalam Kuruppumpady	159/5-1, 11-49, 166/15, 10,17, 166/15, 20	Wet land	Land	Acquire the land immediately and implement the project
30	Joy T. C Thadikulangara Pralaikkadu Thuruthy (PO)	321/14	Dry land	Well, Coconut tree 1, Mahogany -1, Cocoa -6, Thambakam -1	Implement the project immediately and provide the compensation and assure job for a family member
31	Joy T.V Thekkumpuram (H) Thuruthy (PO) Pralaikkadu	224/7-1, 224/6, 224/15, 224/19	Dry land	Rubber -48, Teak -1, Coconut tree -10, Areca palm -26, Jack tree -3, Aanjili -3,	We wish to sell the land but no one is ready to buy because of this project. Implement the project immediately or cancel.
32	Krishnan Kutty Madathedath (H) Thuruthy (PO) Pralaikkadu	229/4-5	Dry land	Mahogany -3, Jack tree -3, Nutmeg-2, Aanjili -2, Other trees - 4	No recommendation and no issues
33	Krishnan Kutty Nekliyakkattu (H) Thuruthy	336	Dry land	House	I lose my home for this project. So provide a house and assure a job for the family member
34	Krishnankutty A. K. Kalluvettykudi (H) Thuruthy (PO) Thuruthy- 683545	388/4	Dry land	Well, House, Areca palm -2 Mango tree -2, Mahogany -13, Nutmeg -2, Aanjili -3, Cocoa -5, Coconut tree -2,	Implement the project immediately. Ensure a job for the family member. Provide compensation for the resettlement
35	Krishnankutty Kadambanattukudi (H) Thuruthy (PO) Thuruthy	386/23	Dry land	Well, House, Mango tree -2, Jack tree -2, Mahogany - 8, Tamarind -1	Provide compensation to buy a land and house. Implement the project immediately. Assure a job for the family member
36	Kunjappan Eleril (H) Thuruthy (PO) Pralaikkadu 683545	225/13	Dry land	Aanjili -4, Teak -1, Cocoa -3, Coconut tree 1, Mahogany -1, Well-1	We are in total financial crisis as we cannot take any loan with this land. It is difficult to arrange the marriage of the daughters.

37	Kuriyakose P. I. (Late) Pulakkudi (H) Thuruthy (PO) Pralaikkadu - 683545	320/1	Dry land	Rubber & coconut tree, Well	We lose our main income source. Four members of my family are sick and we face a big financial problem. Considering our situation provide a better compensation.
38	Lalitha Thrissyamangalath (H) Thuruthy (PO) Pralaikkadu	321/16	Dry land	Pond, Nutmeg	Provide a job for the family member. Build a road near the track
39	Leelamma Paulose Pallipattu (H) Thuruthy (PO) Pralaikkadu	170/20, 170/21	Wet land	Tapioca	Government should acquire the balance also and provide a better compensation
40	Margret Pittapillil (H) Aimuri, Koovappady	166/4	Wet land	Land	Implement the project immediately and provide better compensation
41	Mariyam (Late) Chirackal (H) Thuruthy (PO) Pralaikkadu	182/1	Wet land	Mahogany -2, palm -2, Cocoa -1, Coconut tree -1	Provide a job for the family member and market value to the land
42	Mariyamma Varghese Chirackal (H) Thuruthy (PO) Pralaikkadu	183	Dry land	Coconut tree -1, Areca palm -1	Implement the project immediately. Expecting job in railway
43	Mathai Ouseph Kalikkudi (H) Thuruthy (PO)	171/6	Wet land	Tapioca land	No recommendation and no issues
44	Mathai Varkki Injakkal (H) Thuruthy (PO)	388/5	Dry land	Toilet, Well-1	No recommendation and no issues
45	Mathew P. M Perambi I(H) Aimuri Koovappady	159/5-2	Wet land	Land	No recommendation and no issues
46	Mini Stadium Thuruthy	399/1	Dry land	Stage wall and compound wall	No recommendation and no issues
47	Mohan P. N. Aikkara (H) Thuruthy (PO) Thuruthy	335/15	Not Provided	Well, Nutmeg -6, Cocoa -5, Jack tree -2, Areca palm -8, Aanjili -8, Teak -1, Mahogany -3, Coconut tree - 2, Other trees -4	No recommendation and no issues
48	Narayan Neelakandan Kalluvettikudi (H) Thuruthy	338/4	Dry land	House, Cocoa -2, Coconut tree -1, Pala -1, Mango tree-1 Mahogany -1,	Provide market value for the land and another place to live
49	Narayanan Kamalan Madathedath (H) Thuruthy (PO) Pralaikkadu	229/3	Dry land	House (2), Cattle shed, Wall, Well, Pipe line, Water tank, Aanjili -5, Cocoa -13, Pepper vine - 2, Coconut tree -1, Nutmeg -1, Areca palm -2	Provide job for a family member

50	Omana Soman Nair Nedumpurath (H) Thuruthy (PO) Pralaikkadu	321/15	Dry land	Coconut tree -1, Mango tree -1, Thambakam -1, Cocoa -2, Well-1	Provide road facility to the land.
51	Ouseph Edakkara (H) Thuruthy (PO)	331/16	Wet land	Paddy Field	Implement the project immediately, otherwise cancel the project
52	Paul P. Mathew Pulakkudi (H) Thuruthy (PO) Pralaikkadu	229/2	Dry land	Rubber -20, Nutmeg -18	No recommendation and no issues
53	Paulose K. A Karyakkudi (H) Thuruthy (PO) Pralaikkadu	186/17	Not Provided	Tapioca	Government should acquire the balance land, provide a better compensation. Ensure job for a family member
54	Paulose K. J. Kalambarambil (H) Thuruthy (PO) Kuruppumpady	159/2	Wet land	Paddy Field	Implement the project immediately, otherwise cancel the project
55	Philomina Pathrose Mukkath (H) Rayamangalam	167/9	Wet land	Land, Tapioca Banana	Government should acquire the small amount of balance land and compensate
56	Ponnamma Vadakkunnathmali (H) Thuruthy	388/20	Dry land	House	Implement the project immediately
57	Prasanna & Ajeesh Tharanilath H) Thuruthy (PO) Pralaikkadu	225/6, 4,2	Dry land	House	No recommendation and no issues
58	Priyesh Varghese Kannadan (H) Thuruthy (PO) Kuruppumpady	337/9, 10,19	Dry land	Toilet-1, Nutmeg-7, Tamarind-2, Aanjili-4, Mango tree-2, Rubber-30, Coconut tree-8, Jack tree-2	With this project there is no use to the common people. So try to cancel this project. If it is necessary, build it from Kottayam.
59	Radha Ayyappan Pookkoli-puthanpura Thuruthy (PO) Kuruppumpady	388/2	Dry land	House, Canal, Coconut tree -2, Nutmeg -2, Jack tree -3, Mahogany -4, Well - 1	My son didn't get married because we are losing our house for this project. So implement the project immediately and solve all the problems
60	Rajan P. N. Pookoli Puthanpura (H) Thuruthy	388	Dry land	House	No recommendation and no issues
61	Rajappan Nair P. Aikkara (H) Thuruthy (PO)	420/5 - 2,417/6, 386	Dry land	Nutmeg, Coconut tree	No recommendation and no issues
62	Rajappan T. K. Thuruthymalil (H) Thuruthy (PO)	417/9, 416/1,2, 6	Dry and wet	House, Well, Nutmeg, Areca palm, Coco, Coconut tree, Paddy Field	No recommendation and no issues

63	Raju & Lovely Chirakkal (H) Kuruppumpady Para	189/5	Wet land	Cocoa -20, Banana	Acquire the land immediately and provide the compensation, Otherwise cancel it
64	Rathnamma Nedumpuram (H) Thuruthy (PO) Thuruthy	329/2	Dry land	House, Well-1 Nutmeg -7, Aanjili -6, Mango tree - 4, Areca palm -7, Coconut tree -7, Jack tree -8, Areca nut (small) -16,	No recommendation and no issues
65	Ravi T. K. Taiveliparambu (H) Thuruthy (PO) Kuruppumpady	337/11	Dry land	Shops, Pipe line, water tank, Well-1 Bathroom, Wall, Jack tree 2, Areca palm -1,	No recommendation and no issues
66	Reji Mathew Karimbunkala (H) Thuruthy (PO) Kuruppumpady	399/10, 399/17	Dry land	Commercial shops, Coconut tree -5, Well	Implement the project immediately. We lose a public well for this project. So arrange another drinking water facility.
67	Roy Abraham Edakkara (H) Thuruthy (PO) Pralaikkadu	321/10, 4	Dry land	Cocoa	No recommendation and no issues
68	Rugmini rajan Pookoliputhanapura (H) Thuruthy (PO) Pin:683545	388/2	Dry land	Well, House, Cattle shed, Nutmeg -1, Rubber -1 Mahogany -2, Cotton tree - 2, Coffee plant -1,	This project will be useful for the Sabarimala passengers only. For others it is a burden. People are facing difficulties for last 20 years.
69	Sahadevan T. K Thrishyamangalath (H) Thuruthy (PO) Pralaikkadu	321/19	Dry land	Coconut tree -2, Mahogany -1	Provide a land to build a House
70	Salim V. N Vazhayil (H) Thuruthy (PO) Pralaikkadu - 683545	182/3-2	Dry land	Toilet, Nutmeg -7, Coconut tree -4, areca palm -3, Pala -1, Cocoa - 3, Palm -1, Aanjili -2, Jack tree -1, Mahogany -2 Stable	No recommendation and no issues
71	Santha Chacko Chirackal (H) Thuruthy (PO) Pralaikkadu Pin:683545	178	Dry land	Coconut tree -2, Jack tree -1, Mango tree -2	Railway is good for the development but it is difficult for the common people. Provide a better compensation and job to my son
72	Saramma (Late) Pulakkudi (H) Thuruthy (PO)	330/8	Wet land	Paddy Field	Provide better compensation



73	Samma Varghese Edakkara (H) Thuruthy (PO) Pralaikkadu	320/13	Dry land	Cocoa -9, Mango tree -2, Jack tree -1, Aanjili -1, Nutmeg -6, Areca palm -13, Coconut tree -4, Other trees -3, Well	Cancel this project if possible; otherwise, ensure job for family members of the affected.
74	Sibi Pathrose Pambrakkadan (H) Thuruthy (PO) Thuruthy Pin:683545	388/4, 338/1, 338/2	Dry land	House, Shed, Store, Well, Water tank, Mahogany - 35, cotton tree -51, Coconut tree -11, Nutmeg -10, Teak -1, Pepper Plants -17, Coffee plant - 6, Other trees -15	Provide better compensation for the victims
75	Sivan T. S Thuruvappady (H) Thuruthy (PO)	330	Wet land	Coconut tree -3	Facing lots of financial problems because of this project. Implement the project immediately
76	Sivan M. P. Madathedath (H) Thuruthy (PO) Pralaikkadu	229/4	Dry land	Coconut tree (small) - 9, Mahogany -7, Poovam -1	Acquire the land immediately and provide better compensation, Expecting job for a family member
77	Sivashankaran Karavettekudi (H) Thuruthy (PO) Kuruppumpady	386/2	Dry land	House, Nutmeg -4, Aanjili -1, Mahogany -11, Tamarind -2, Coconut tree -1	We lose our house and land. So provide another house and give job for son.
78	Soshamma Varghese (Late) Cheepungal(H) Thuruthy (PO) Pralaikkadu	320/10	Dry land	Nutmeg -5, Areca palm -3	Chances of pollution and robbery will increase. Safety will be lost.
79	Sreedharan K.M Kuruppumkunnel Kuruppumpady Para	172/13	Wet land	Tapioca	Implement the project immediately. Government should acquire the tiny piece of balance land and provide a better compensation for both.
80	Siju C. Chacko Chirackal (H) Thuruthy (PO) Pralaikkadu	178/10, 9	Dry land	Toilet, Teak -5, Coconut tree -5, Mahogany -5, Jack tree -1	I don't have any other place to build a house. So it is very difficult for us.
81	Subramanian K. K. Kulangarapadi (H) Thuruthy (PO)	337/23/ 2	Dry land	Nutmeg -5, Aanjili -1 Mango tree -3, Jack tree -2,	Provide market value for the land and implement the project immediately.
82	Sudhakaran Pralaikkadu, Thuruthy	321/12	Dry land	Jack tree (small) - 2 Aaval-1	Provide road facility for the remaining land
83	Sujatha Unnikrishnan Aikkara (H) Thuruthy (PO) Pin:683545	330/7-2	Wet land	Paddy Field	After Implementing the project we cannot cultivate our land and we lose our main income. So better compensation for the land. Expecting job.

84	Sujesh KP Kavumpurathukudi (H) Thuruthy (PO) Mudakkuzha	225/6	Dry land	Areca palm - 5, Nutmeg -1, Mango tree -1, Teak -1, Anjili -1	Provide road facility to the House. Expecting job for the family member.
85	Sumathy Sreedharan Perukudi (H) Thuruthy (PO) Pralaikkadu	321/6	Dry land	House, Coconut tree -1, Jack tree -5	Acquire & compensate the land immediately, we cannot do any maintenance in our hose and also not make a well
86	Thankachan P.V. Pulakkudi (H) Thuruthy (PO) Pralaikkadu 683545	229	Dry land	House, Nutmeg-5, Areca palm - 4, Coconut tree -2, Jack tree -3, Tamarind -1 Mahogany -6,	Acquire the land immediately and provide the compensation
87	Thankamma Mattamana (H) Thuruthy (PO) Pralaikkadu	330/6	Wet land	Paddy Field	No recommendation and no issues
88	Thankamma Vasu Akkyalikkudi (H) Thuruthy (PO)	330/2-4	Wet land	Paddy Field	Acquire the land immediately, otherwise cancel this project
89	Thomas Ouseph Edakkara (H) Thuruthy (PO)	330/2-2, 2-3	Wet land	Paddy Field, coconut trees - 4	No recommendation and no issues
90	Thomas P. V. & Alice Thomas Pulakkudi (H) Pralaikkadu Thuruthy (PO)	225	Dry land	Rubber – 30	Personally I don't agree with this project. If possible, cancel the project; otherwise implement the project immediately
91	Thomas Thekkumpuram (H) Thuruthy (PO) Pralaikkadu	223/1, 225/7/3, 225/7/2	Wet land	Coconut tree -18, Jack tree -3, Areca palm -4, Rubber -70, Nutmeg -1	This project is useless. Try to cancel this project. Take a decision immediately
92	Thuruthumalil Kurumban Chandran Mangalathuparambil (H) Thuruthy	417/10	Dry land	House, Cattle Shed	Give preference to resettlement. Implement the project without harm to the environment
93	Ulahannan Saramma (Late) Pulakkudi (H) Thuruthy (PO)	329/6	Wet land	Paddy Field	Expecting job for a family member
94	Unnikrishnan T. N. Thrissyamangalam (H) Thuruthy (PO) Pralaikkadu	321/16	Dry land	House, Areca palm -4, Aanjili -3, Mahogany - 4, Teak -6, Well	Implement the project immediately, otherwise cancel the project. Provide compensation for the pranaprathishta
95	Usha Unnikrishnan & Late Unnikrishnan Nedumpurath (H) Thuruthy (PO) Pralaikkadu	321/12, 13	Dry land	Well, House, Cattle shed, Cocoa -2, Aanjili -1, Tamarind -4, Jack -1, Areca palm -1, Coconut tree -2, Mango tree -1, Other trees -2	Provide a land and house. Assure job for a family member

96	Varghese K. A Karippakadan (H) Thuruthy (PO) Pralaikkadu	330/7-1	Wet land	Paddy Field	No recommendation and no issues
97	Varghese K. J Kalapparambil (H) Thuruthy (PO) Pralaikkadu	159/2	Wet land	Paddy Field	Expecting job for a family member
98	Varghese P.P Pallipadan (H) Thuruthy (PO) Pralaikkadu	191/2	Wet land	Paddy field	No recommendation and no issues
99	Varghese T. Y Thekkalakkattu(H)K uruppumpady	415/8, 415/9	Wet land	Paddy Field, Areca palm	No recommendation and no issues
100	Varkey E. V. (Late) Echwarankudi (H) Aimuri Kuruppumpady	195	Wet land	Land	No recommendation and no issues
101	Vijayamma K. P Manju Nivas Kuruppumpady	415/12- 2, 51/1	Wet land	Areca Palm -35, Coconut tree -8, Cocoa -4, Aanjili-1, Nutmeg -1, Cottontree-6	Provide road facility to the land.
102	Vijayan K. V Kavungudi (H) Thuruthy (PO)	388/5-1	Dry land	Mahogany -4, Coconut tree -1	We do not expect any development in our area with this project
103	Vinayakumar Kalloli (H) Thuruthy (PO)	386/2	Dry land	coconut tree - 8	Provide job for a family member
104	Viswanathan K. G. Kalleri (H) Thuruthy (PO) Kuruppumpady	336/23	Dry land	Well, Pond, House, Pump House, <i>Sarppakavu</i> , Nutmeg-15, Coconut tree -8, Jack tree-10, Mahogany -5, Other trees -6	Implement the project immediately and provide the compensation. I need a big amount of money for the treatment of my mother and wife

**c) Inventory: Rayamangalam**

Sl. No.	NAME & ADDRESS	SURVEY NO.	LAND TYPE	ASSETS/CROPS	ISSUES FACED
1	Paulose M. T. Meikkamalil (H) Cherukunnam Asamannoor	240/4, 241/10	Dry land	Coconut tree -13, Teak -11, Cotton Tree -3	No recommendation and no issues
2	Soman Mathew Meikkamalil(H) Cherukunnam Asamannoor	241/11	Dry land	Coconut tree, Tapioca	Implement the project immediately and provide the compensation

**d) Inventory: Perumbavoor**

Sl. No.	NAME & ADDRESS	SURVEY NO.	LAND TYPE	ASSETS/CROPS	ISSUES FACED
1	A. K Subramanian Assarikkudi (H) Karattupallikara	199/7	Dry land	Well, House, Coconut tree -2, Other trees -2	Provide a house & resettle
2	Abbas P M Puthari (H) Rayonpuram	27/4	Dry land	House, coconut-2, mahogany-1	Lose of the road facility. Provide better compensation for the land and property.
3	Abdul Jabhar Puthukkattu (H) Rayonpuram Kanjirakkadu	92	Dry land	Jack Tree -2, Cocoa -4, Coconut tree -1, Coffee plant - 2, Tamarind -1	Implement the project immediately and provide a better compensation for the land. Otherwise cancel the project
4	Abdul Khader Cheruvallikudi (H) Rayonpuram PO)	63/38	Dry land	Well, House, Pump house, wall, Coconut tree-3, Jack1, Aanjili -1, Nutmeg-3, Mahogany -1, Pepper vine -2	Provide the compensation immediately otherwise cancel the project
5	Abdul Rahman Vellapilli (H) Rayonpuram Kanjirakkdu	3/16	Dry land	Well, House, Coconut tree -2, Mango tree -1	Totally against this project. It reduces the land value, loss of commercial shops, and it will affect the development of the area.
6	Aboobacker Puthukkattu (H) Rayonpuram Kanjirakkadu	92	Dry land	House, Pump house, Pipe line, Coffee plant-2, Coconut tree -1, Jack tree-2,Cocoa	Implement the project immediately and provide better compensation for the land. Otherwise cancel the project
7	Abraham Puthussery Parvelikkudi, Near Mar Thoma College. PBVR	29 (0 B1.38, 136/2 B-2	Dry land	2 coconut trees	abroad
8	Abraham Puthussery Parvelikkudi, Near Mar Thoma College, PBVR	38, 156-20, 21 B-2	Dry land	Banana plantains	abroad

9	Abubakkar Ambadan (H) Kanjirakkadu	137/5, 137/4, 137/3, 137/2	dry land	coconut-6, nutmeg-1, mango tree-1, jack tree-1	Compensation will be as the market price of the land and property.
10	Aliyamma Kunjappan Chirappurath (H) Karattupallikara Perumbavoor	86, 89	Wet land	Coconut tree -2, Areca palm – 12 Paddy Field	Implement the project immediately and provide a better compensation for the land
11	Ammini Vincent Jolly villa, Puthurkallel, Karattupallikara	2/22,156/2- D	Dry land	Coconut, Nutmeg, areca nut, teak	Immediately take over the land and provide better compensation.
12	Anie & Varghese	3/3,3/4	Dry land	House, Nutmeg-7, coconut-8, Jack fruit tree -3, gauva-1, Nelli-1, mango tree-4, Tamarind-1, suppotta-1, rambuttan-1	Resettlement, Provide job for one member of the family. Immediately implement the project.
13	Arun kumar S Arackal Puthanveedu Karattupallikkara	20/2	dry land	coconut-4, mahogany-1, teak-2	No recommendation and no issues
14	Babu. M. P Mukkanajeri (H) Pooppani	99/39	Dry land	Coconut tree 11, Teak-6, Nutmeg-3 Mango tree-1, Jack1	No recommendation and no issues
15	Babukunj Cheruvallikkudi (H) Kanjirakkadu Rayonpuram	42/3	dry land	Coconut-11, cocoa-2, mahogany-1, areca palm-1, other trees-2. Gate and wall	Provide better compensation. To provide job for one member in the family.
16	Baby K. V. Kombath (H) Karattupallikara Perumbavoor	5/86	Dry land	Well, Wall, Pump House, Toilet Pongalyam -1, Areca palm -1, Coconut tree -8, Tamarind -2, Mahogany	Acquire the land immediately otherwise cancel this project Job for family members Acquire full land
17	Baby P. P Parappuram (H) Rayonpuram (PO)	411	Dry land	Well, House, Coconut tree-5, Nutmeg -2, Mango tree -3, Jack tree -1	Make the alignment as straight
18	Baby Paulose Parvelikkudi (H) Karattupallikara Perumbavoor	199/12	Dry land	Well, House, Areca palm -8, Coconut tree -1, Aanjili -1, Nutmeg -1	Lost our house. Find a solution for that

19	Basheer K. M. Karuvapalli (H) Kanjirakkadu Rayonpuram	31/2	Dry land	Well, House, Mango tree -3, Coconut tree -1, Jack tree -3	Implement the project immediately otherwise cancelled it.
20	Bhaskar Krishnan Vembanattu (H) Kanjirakkadu	Not provided	Not provided	Banana, Coconut tree	Affects the environment and loss of road facilities
21	Binna Baby	155/4-1, 155/3, 155/4-2, 155/4-3	Dry land & Wet land	House, toilet, cattle shed, Paddy Field	Resettlement, Provide job for one member of the family. Being a widow, job for children Immediately implement the project. Concrete house is leaking,
22	C M Muhammed Chirakkudi (H) Kanjirakkadu Rayonpuram (PO)	384/11	dry land	House, Nutmeg-1, Coconut-5, Jack tree-1, Cocoa-3	Immediately take over the land and provide better compensation. Provide job for one member in the family.
23	C. A Aliyar Cheruvallikudi (H) Rayonpuram (PO)	32/7	Dry land	House, Shed, Cattle shed, Water tank, Coconut tree -1	Lost our house and land fully. Not in a position to build a house. Provide land and house
24	C. K. Karim Cheruvallikudi (H) Kanjirakkadu Reyonpuram	125	Dry land	House, Shed, Wall, Pipe line	Build a parallel road near track. Reduce the pollution
25	Chakkarakkattu Bhagavathy Temple Kanjirakkadu	20, 21, 22	Dry land	Temple	No recommendation and no issues
26	Chandranad (Late) Cheruparambil (H) Pooppani Perumbavoor	205/11	Dry land	House, Pump House, well, Mango tree - 1, Tamarind -2, Nutmeg-1, Aanjili -2, Coconut tree -5, Jack tree -1, Other trees -1	Implement the project immediately and provide a better compensation for the land. Provide job for the family member
27	Chithiran Valiyaparambil Muthakunnam (PO) Paravoor	15,19	Wet land	Land	Implement the project immediately otherwise cancel the project
28	Devadas Parambikudi (H) Rayonpuram (PO) Kanjirakkadu	164	Dry land	Wall, Coconut tree -1, Aanjili (small) -1, Mango tree -2, Pongalyam -1	Implement the project immediately and provide better compensation for the land.
29	Devassy Karipra(H) Rayonpuram (PO) Perumbavoor	167	Dry land	House, Water tank	I partially agree with this project. Implement the project immediately and provide better compensation. Otherwise cancel the project.

30	E. K. Sunilkumar Edathottil (H) Karattupallikara Perumbavoor	90	Dry land	House, Well, Coconut tree - 1, Aanjili -1	Implement the project immediately and solve the problems
31	G Somarajan Nair Suresh Bhavan Kanjirakkadu Rayonpuram	31/3	dry land	coconut-2, Nutmeg- 2, mango tree-1, areca palm-4, jack tree-2, aanjily-4, other trees-7	Provide job for one member of the family. Immediately implement the project.
32	George A. K Aapladan (H) Vallom Rayonpuram (PO)	451/2	Wet land	Tapioca, Paddy field	Implement the project immediately and provide a better compensation
33	George Joseph Velipparambil (H) Rayonpuraam Perumbavoor	25	Dry land	Nutmeg -5, Aanjili -2, Jack tree -1, Palm -2, Coconut tree - 3	Implement the project immediately and provide a better compensation for the land. Otherwise cancel the project
34	George M. V Mukkananjeri (H) Karattupallikara Perumbavoor	37	Dry land	Wall, Well, Jack tree -1	No recommendation and no issues
35	Gigi George Thaiparambil (H) Karattupallikara	411	Dry land	Well, House, Coconut tree, Mahogany	Helps to develop our area
36	Girish Kumar Sasikala S Venmanakkudi (H) Rayonpuram	21/2, 21/3	dry land	House, mango tree-1	No recommendation and no issues
37	Gopalakrishnan Nair & V. K Rajeswary Varikattu (H) Pooppani Perumbavoor	13/4	Dry land	Coconut tree - 5, nutmeg -4, Areca palm -10, Banana	No recommendation and no issues
38	Gracy Liju Menacheri (H) Rayonpuram Perumbavoor	455/24	Dry land	Well, House, Coconut tree -7, Nutmeg -16, Mango tree -2, Jack tree -1, Areca nut -5	Provide the market value to the land
39	Jayesh Niravath (H) Karattupallikara Perumbavoor	114/2	Dry land	Commercial shop	Agree with project. Implement the project immediately & provide a better compensation. Expecting a job.
40	Jose PV Pallippadan H Karattupallikkara	14/4	Dry land	House, jack -1, Mavve-1, tamarind-1, murik-1	Resettlement, Provide job for one member of the family. Immediately implement the project.

41	Joy P V Pallipadan, Karattupallikara, Onnam Mail PBVR	14/5	Dry land	House, toilet and Bathroom Nutmeg-3, tamarind-1, Rambuttan -1	Resettlement, Provide job for one member of the family. Immediately implement the project.
42	Joy P V, Saji, Georgekutty, Jose Pallipadan, Karattupallikara, Onnam Mail PBVR	15/136	Dry land	land	Immediately implement the project. Concrete house is leaking
43	Juma Masjid	Not provided	Dry land	Juma Masjid	No recommendation and no issues
44	K A George Kanjirakkadu	Block No. 36	dry land	teak-1, coconut-4, other trees-1,	No recommendation and no issues
45	K K. Fathima Maliyamveettil Rayonpuram PO Kanjirakkadu	56	dry land	jack tree-4, nutmeg-3, coconut-2, teak -1 other trees-2	Cannot do any transaction on this land. Could not do daughter's marriage. Provide better compensation.
46	K Murugan Municipal Colony Kanjirakkadu	23	dry land	House, coconut-1, aanjily-1, mango tree-2	Immediately take over the full land and provide better compensation.
47	K. C Paily & Mary Paily Karottupuram (H) Kuruvan Padam Okkal Perumbavoor	338/4	Dry land	Paddy Field, Banana	Last 20 years we are facing difficulties with this project. If it is implemented, our problems will be solved. So implement the project immediately and provide a job for the family
48	K. K. Rajamma Vazhayil (H) Pooppani Perumbavoor	Not provided	Wet land	Teak -2, Palm -1	No recommendation and no issues
49	K. O Joy Petrol Pump Kanjirakkadu Rayonpuram 683543	43	Dry land	Petrol pump	Government should acquire the full land. Better compensation. Cancel this project if possible.
50	K. P. George Kalarikkal (H) Pooppani Perumbavoor	87/1	Dry land	Coconut tree -2, Teak -2, Jack tree -1	Implement the project immediately, provide better compensation for the land to repay the loan
51	Kalyani (Late) Cherupparambil (H) Pooppani	30	Wet land	Coconut tree	Provide better compensation
52	Khadeeja Pulikkakudi (H) Kanjirakkadu Rayonpuram	3/52	Dry land	House, Coconut tree -10, Mango tree -3, Jack tree -2, Badam -1, Aanjili -2, Cotton tree -2	Personally I don't agree with this project. Our life depends on the compensation



53	Khalid Cheruppuli Veedu Kanjirakkadu Rayonpuram 683543	44,43	Dry land	House (2), Shops, Well, Mango tree -6, Mahogany -2, Coconut tree -4, Nutmeg -1,	I lost my house and income sources. Remaining land is not usable to build a house. So acquire the full land, provide a house and property near MC road.
54	K Narayan Nair Kakkatt House Kavumpuram PO Aimuri Perumbavoor	138/72, 73	Dry land	Banana 100	Monetary Compensation
55	Koyakkutty Cheruvallikudi (H) Kanjirakkadu Rayonpuram 683543	384/10	Dry land	Well, House	Last 20 years we are facing many difficulties - to build a house, sell the land and take a loan. Implement the project immediately or cancel it.
56	Kunjalavi Beerappilla Kudilingal (H) Rayonpuram Kanjirakkadu	49	Dry land	Well, House,	Provide better compensation and a house in the same area.
57	Kunjunjamma Paulose Mukkanjeri (H) Pooppani	94	Dry land	Coconut Tree -18, Teak -1	Implement the project immediately and provide a better compensation. Provide road facility.
58	Lakshmi Muthuswami Mnakkakudi (H) Rayonpuram (PO)	352	dry land	House	Provide better resettlement & provide job for one member of the family.
59	Lalitha Sugathan Thilayaparambil (H) Puppani Perumbavoor	82	dry land	House, Nutmeg-2, coconut-1, other trees-3	The remaining land will be useless so the government should take over the remaining land & better compensation.
60	Latha Balakrishnan Indeevar (H) Kumarakam	13/9	Dry land	Rubber - 4	Implement the project immediately and provide a better compensation. Solve the loan issues
61	M M Parith Ambadan (H) Kanjirakkadu	31/1	dry land	Land	Provide job for one member of the family. Immediately implement the project.
62	M M Varghese Mukanncheri H Karattupallikkara	156/4	Dry land	House, Cattle shed, toilet, septic tank, well	Resettlement, Provide job for one member of the family. Immediately implement.
63	M M Varghese Mukanncheri H Karattupallikkara	155/4-13, 4-2, 4-3	Wet land	Paddy field	Immediately implement the project. Concrete house is leaking
64	M M Varghese Mukanncheri H Karattupallikkara	156/4, 156/5, 156/6	Dry land	Teak-6, coconut tree-4, cocco-6	Immediately implement the project. Concrete house is leaking
65	M. G Peethambaran & Savithri Manakkakudi (H) Karattupallikara	203/12	Dry land	Well, Wall, Mango tree -2. Areca palm -6, Teak -1, Cocoa - 1, Jack tree -1	I think there is no benefit from this project for the common people. Provide job for a family member

66	M. K. Omanakuttan Mulaparambil (H) Kanjirakkadu Rayonpuram	21/8	Wet land	Coconut tree -4	Better compensation for land & job for a family member. I lose 7 cents of land. Only 3 cents are remaining. Due to water logging it is difficult to live here.
67	Mahinsha Abdulrahman Cheruvallikudi (H) Rayonpuram (PO) Perumbavoor	124	Dry land	Well, Wall, Coconut tree -3	Implement the project immediately
68	Mani Muthiramalil (H) Karattupallikara Perumbavoor	203/7	Dry land	Not provided	No recommendation and no issues
69	Mani K. C Kavungaraparambil Rayonpuram Kanjirakkadu	49	Dry land	Toilet and bathroom, Areca palm -1, Jack tree -2, Mahogany -1	No recommendation and no issues
70	Mani V Mukkanamcheri (H) Puppani Perumbavoor	95	dry land	mango tree-3, aanjily-3, teak-4, cashew tree and other trees	Many problems – as the railway line is passing through residential area. It badly affects people.
71	Manoj A. K Assarikkudi (H) Karattupallikara Perumbavoor	18/2	Dry land	Well, House, Cattle shed, Cocoa - 5, Teak - 2, Jack tree - 2, Nutmeg - 1, Mahogany - 1	Take a decision in this case. I partially agree with this project. Otherwise it depends on the resettlement and compensation
72	Mary Chakkapan Menacheri (H) Rayonpuram Perumbavoor	455/23	Dry land	Coconut tree -1, Nutmeg -5, Jack tree -1, Thambakam -1	Provide the market value to the land and a job for the family member
73	Mary Raphel Perumbavoor (PO)	452	Dry land	Coconut tree -2, Teak -2	Provide a job for the family member
74	Mathai. V Mukkanamcheri (H) Pooppani Perumbavoor	23	Wet land	Coconut tree -10	It is difficult to take a loan with this land for the education of my daughter. Govt. should acquire land immediately.
75	MM Mathew Mukanncheri H Karattupallikkara	155/4-3 155/4-2	Dry land	Land with coconut tree and Pineapple	Immediately implement the project. Concrete house is leaking
76	MM Mathew Mukanncheri H Karattupallikkara	155/4-1 155/4-2	Wet Land	Paddy field	Immediately implement the project. Concrete house is leaking
77	Mohankumar G Vembanattu (H) Kanjirakkadu Rayonpuram	135/6, 54, 97, 99, 98	Dry land And Wet	Tapioca, Coconut tree, Vegetables, Banana	Provide a road facility to the land

78	Molly George Thekkeparambil Karattupallikkara	13/136	Dry land	House, toilet and Bathroom 12, coconut trees, Jack Fruit Tree - 6 Anjily - 1 mango tree - 3, nutmeg - 6, tamarind - 2, nelli-1, arecunut-7	Resettlement, Provide job for one member of the family. Immediately implement the project.
79	Molly George Thekkeparambil Karattupallikkara	14/1, 136	Dry land	Jack Fruit Tree-1 mango tree-1	Immediately implement the project. Concrete house is leaking
80	Muhammed Kunj Kuruppali (H) Rayonpuram (PO) Kanjirakkadu	51/5, 51/6	dry land	industry (office) lorry parking	Lose of half of the main income.
81	Mullakkal Bhagavathy Temple	Not provided	Dry land	Temple	Provide another place for the prathishta & compensation for the prathishta ceremony. Here we lost a public well. All the nearest families depend on this well for the water. So provide drinking water facility
82	Muralidharan ES Edakattil H, 1 <sup>st</sup> mile, Karattupallikkara	23	Dry land	House, Tamarind- 1, Jack Fruit Tree- 1	Not willing to give, 20years, not able to do any transactions.
83	Murukan Krishnan Edakkattil H Karattupallikkara	46/3 ( )155/1/3	Dry land	Teak-1, Arecunut- 4, Nutmeg-1, Pla ve-1, coconut tree-1	Provide job for one member of the family. Immediately implement the project.
84	Murukan M V Manakkakudi (H) Kanjiraikkadu Rayonpuram	237/7	dry land	House, coconut-1	Immediately take over the land, provide better rehabilitation and employment for one member
85	Musthafa M. A Malayilan (H) Kanjirakkadu Rayonpuram 683543	384/10	Dry land	Well, House, Mango tree -1, Coconut tree -2, Areca palm -3, Other trees -3	We lost our house, So provide a house and land
86	Muthukrishnan	15/2-2	Dry land	House, Well,	Resettlement, Provide job for one member of the family. Immediately implement the project. Concrete house is leaking
87	N Chandi Adukkolil H	136-29/4	Dry land	Coconut tree-5, teak-1 mangotree-4 Jack Fruit Tree-1	Provide job for one member of the family. Immediately implement the project.
88	N H Kareem Narettal (H) Kanjirakkattu Rayonpuram	238/1,240	dry land	House, coconut-6, nutmeg -12, jack tree-6, arecanut-1, other trees-15	There is no need of this project in this area. House will be fully lost; land remaining will be useless.

89	N. P. George Nambiyattukudi Rayonpuram Perumbavoor	15,12,10, 11,19,17, 18,16, 20,54	Dry land	Rubber-50, Teak -3, Coconut tree -8, Mahogany -1, Other trees -1	No recommendation and no issues
90	Nabeesa Cheruvallikudi (H) Rayonpuram	32/5, 32/6	Dry land	Well, House, Pump house, Cattle shed, Coconut tree -1	Implement project immediately, legal compensation for the resettlement.
91	Ouseph K.O. Karipra (H) Kanjirakkadu Rayonpuram	46	Dry land	House, Pipe line	Try to cancel this project
92	PI Varghese Pallippattu House Karattupallikkara Perumbavoor 683545	15	Dry Land	Pineapple Coconut Tree 18	Monetary Compensation Employment for family member
93	P K Mathew Plot. No.13, Rock Garden Villa Opp. Nedumbassery HSS Mekkadu PO Angamaly	45 (Bl.136)	Dry land	Coconut trees – 5 Well	Immediately take over the land and provide better compensation.
94	P M Ittiavira Pallippadan H Konamkudi road Karattupallikkara	39,40,41,42	Dry land	Coconut -11, anjili-30	Provide job for one member of the family. Immediately implement the project.
95	P M Mathew Pallippadan H Colony road, Karattupallikkara	39,40,41,42 (136)	Dry Land	House, Well, Pump House Coconut tree 40 nutmeg-30 Areca Palm Teak, Vatta Pongalyam	Resettlement, Provide job for one member of the family. Immediately implement the project.
96	P V Saji Pallippadan H Karattupallikkara	14/3 14/2	Dry land	House, pump house, Jack Fruit Tree-7 nutmeg-4 coconut-6, Teak cocco-2 Vatta 3, tamarind-2, mango tree-1, Pepper-3, Mahogany Tambakam	Resettlement, Provide job for one member of the family. Immediately implement the project.
97	Pathu Kanelil Kanjirakkadu Rayonpuram Pin:683543	6	Dry land	House, Pipe line, Wall, Jack tree -1, Aanjili -1, Mango tree -1, Nutmeg- 1	Provide better compensation or another land and house
98	Pathrose T K Karipra (H) Kanjirakkadu Rayonpuram (PO)	47	dry land	House, mango tree-1 other trees-1	No recommendation and no issues

99	Paul P. J Parappuram (H) Rayonpuram (PO) Kanjirakkadu	21	Wet land	Coconut tree -12, Mango tree -2, Mahogany -1	Expecting a job for the family member
100	Paulose Varkey Mukkanabery (H) Puppani Perumbavoor	114	dry land	House, industry, jati-1, mango tree-3, teak-4, coconut-2, jack tree-1, aanjily-1	House and main income will be lost.
101	Perumbavoor Municipality				
102	Ponnappan Assarikkudi Assarikkudi (H) Karattupallikara Perumbavoor	10/1	Dry land	House, Coconut tree -1, Other trees -3	House partially lost. Cannot build in the remaining land and we are not in a position to build a house. Provide a land & house for us. Expect a job
103	Pouly George Kanjirakkadu Rayonpuram	21/3	Wet land	Paddy Field	Provide a job for the family member
104	Prasson Poley Puthussery house Allapra, PBVR	85 (bl-100)	Converted land	Converted land	Immediately take over the land and provide better compensation.
105	Rabeca Peter Kunjittikkudi H Karattupallikkara	156/16,156/ 20,21,4,5,	Dry land	House, Well, Coconut 20, Areca nut 23, Nutmeg 22, Coco 35, rubber, Pepper 13, Aanjali 16 Coffee 12 Manimaruth Kalayam 2 Mango tree 5 Jack fruit 3 Vatta 14 Mahogani 126 Teak 63 Karuva patta 2 Kalaka Payyani 2 Tamarind 2	Resettlement, Provide job for one member of the family. Immediately implement the project.
106	Radhamani Preethalayam (H) Rayonpuram	24	Dry land	Nutmeg -3, Coconut tree -3	No benefit for the common peoples from this project. So try to cancel this project
107	Rajan A. A Assarikkudi (H) Karattupallikar Perumbavoor	17/12	Dry land	Well, House, Cattle shed, Aanjili -3, Mahogany -2, Coconut tree -2, Nutmeg -2, Cocoa -2, Coffee plant 2, Other trees -1	Because of this project we cannot do any maintenance works in my house. Find any solution for my problems

108	Rajan A. P Assarikkudi (H) Karattupallikara	10	Dry land	Jack tree -1, Cocoa -1, Mahagony -1, Marotty -1	No recommendation and no issues
109	Rajan Varghese Puthankudi (H) Karattupallikara Perumbavoor	Not provided	Dry land	Well, House, Mango tree -3, Jack tree -1, Teak -2, Aanjili -1, Coconut tree -8	We wish to stay in our own property till the end of our life. Don't like to go from here.
110	Rathnamma Arakkalputhan veedu Karattupallikara Perumbavoor	121	Dry land	Land	Provide the compensation for the maintenance of the houses. People are facing many difficulties: cannot do any transaction.
111	Ravishangar B Pathapilli (H) Kanjirakkadu Perumbavoor	103/2,1,4	Wet land	Sawmill, Mango tree -5, Jack tree-4, Cotton - 2 Coconut tree -5, Mahogany-2,	I agree with this project. Implement the project immediately and provide a better compensation.
112	Remis Salman Puthari (H) Rayonpuram Kanjirakkadu	4/2	Dry land	Well, House (2), Shed, Nutmeg -5, Aanjili -2, Coconut tree -8	Implement the project immediately and provide better compensation for the land. Otherwise cancel the project. Acquire the balance land fully.
113	Revi K Idathotty (H) Karattupallikara Perumbavoor 683542	7/1	Dry land	Water tank, House,	If this project comes common people will commit suicide. For the Government and Railway this is a benefit but for the people it is not like that. So try to implement the project immediately, otherwise cancel the project.
114	Rini C V, Sreedharan CK, Thekkekkudi, BOC Road, PBVR	27/63.53R	Dry land	Coconut, Nutmeg	Provide job for one member of the family. Immediately implement the project. Parking, waste management, etc
115	Sadasivan Edathottil (H) Karattupallikara Perumbavoor	98/83, 82	Dry land	House, Mango tree -1, Coconut tree -2, Tamarind -1	Implement the project immediately
116	Saneesh Velappan Sini (H) Reyonpuram (PO) Kanjirakkadu	21/4	Dry land	Well, Commercial Shops	I agree with this project. Implement the project immediately and provide better compensation for land & shops
117	Sateesh N K Niravath (H) Karattupallikkara Perumbavoor	37	dry land	jack tree - 1, other trees -2	Immediately implement the project and provide better compensation.
118	Seena Benny Aalukka (H) Karattupallikara Perumbavoor	89	Dry land	House, Coconut tree - 2	I lost my house and land. So provide a house and better compensation. Expecting job for family members.

119	Sivakumar M. A & Nandakumar M. A. Perumbavoor	14/3, 14/1	Dry land	Not provided	No recommendation and no issues
120	Stephanose M. V Menacheri (H) Rayonpuram	455/17, 455/23	Dry land	Coconut tree -1, Nutmeg -1	Acquire the small portion of the balance land also.
121	Subramanyan Manakkakudi (H) Kanjirakkadu	12/1	dry land	House	Provide better rehabilitation and employment for one member of the family.
122	Sudakaran V K Rajeswari S Darshanam Colony Kanjirakkattu Aswarya Vebanattu Lane Rayonpuram	322	dry land	House	Reconstruct the house.
123	Sukumari Rajan & Rajan A. P Assarikkudi (H) Karattupallikara	10/2	Dry land	Well, House, Pump house, Coconut tree -2	Provide a house and resettlement
124	Sulaiman C. A Cheruvallikudi (H) Rayonpuram (PO) Perumbavoor	240/3	Dry land	Well, House, Pump house, Coconut tree -10, Marotty -1, Areca palm -8, Nutmeg -6, Aanjili -2 Jack tree -3, Mango tree -2	Disagree with this project. This is our hereditary property and we like to stay here till the end of our life.
125	Sureshbabu Edakkakudiyil Karattupallikara	76/7	Dry land	coconut tree-5, Jack tree -3, anjili-4, Vatta-1, teak-1	Provide job for one member of the family. Immediately implement the project.
126	Susheela Kumaran Mnakkakudi (H) Kanjirakkadu Rayonpuram	14/1	dry land	House	No recommendation and no issues
127	T I Abraham Thottupurathu H 12/238, PMC	12	Dry land	House, pump house, shed, Jack Fruit Tree-3 nutmeg-1, cocco 2 coconut-5, karuva-1 tamarind-2, mango tree-1 areca palm -7, vatta -4 anjili-1,	Resettlement, Provide job for one member of the family. Immediately implement the project.
128	T Devassi Karippara (H) Kanjirakkadu PO Rayonpuram	229/6	dry land	House, coconut-5, other trees-2	Due to this project, many difficulties; cannot do any transaction. Provide better land and rehabilitation.
129	T. K. Gouri Pournami (H) Iringol (PO)	10	Dry land	Land	Implement the project without delay.

130	Thankappan E V Edathottil H, Karattupallikara		Wet land	Paddy field	Provide job for one member of the family. Immediately implement the project
131	Thomas Xavier Kanappilli (H) Perumbavoor	71	Dry land	Well, House, Coconut, Jack tree, Nutmeg	Implement the project immediately, otherwise cancel the project
132	Umusalma Karotheukudi (H) Perumbavoor	4/2	Dry land	Coconut tree -21, Tapioca, Banana	Try to change the alignment from living area. Otherwise build it in Kottayam
133	Unni P. A Puthukkadan (H) Rayonpuram Kanjirakkadu 683543	Not provided	Dry land	Coconut tree -8, Aanjili -2, Jack tree -4, Coffee plant -13, Mango tree -1, Murikk -2, Cotton tree -1	Implement the project immediately & provide better compensation for the land. Otherwise cancel the project.
134	V K Krishnakumari Ramanilayam (H) Vebanattulain Kanjirakkadu	229/1, 229/3	dry land	Land	No recommendation and no issues
135	Valsamma Thomas Valiyaveetil H Konnankudi	156/21, B1/1, BL No. 136 (29/3,5)	Dry land	Coconut, Nutmeg, arecunut	Immediately take over the land and provide better compensation.
136	Varghese Karipra (H) Karattupallikara Perumbavoor	101	Dry land	Well, House, Cattle shed, Coconut tree - 4	Complete the project immediately. We cannot do any maintenance works in our house.
137	Varghese P. C Parapuram (H) Kanjirakkadu Rayonpuram	38, 22, 18	Wet land	Coconut tree -8, Pongalyam -1	Implement the project immediately and provide a better compensation for the land. Otherwise cancel the project.
138	Venugopal Ambattu (H) Rayonpuram (PO) Kanjirakkadu	103	Dry land	Metal Fabrication Industry, Well	Allow to continue the business in the balance land
139	Vijayan Muleparambil (H) Reyonpuram (PO) Kanjirakkadu	398	Dry land	House, Well Mango tree -2, Coconut tree -3, Teak -2, Other trees -2,	Expecting resettlement and compensation
140	Vijil V. S Vazhayil (H) Pooppani Road Perumbavoor	17/1	Dry land	Teak-6, Nutmeg- 6, Mahogany-14, Aanjili -5, Areca palm -8, Coconut tree -13, Cashew tree -1, Jack	Implement the project immediately.
141	Vilson Mathew Puthankudi (H) Perumbavoor	36, 99	Dry land	Pond, land	No recommendation and no issues



142	Viswanathan Seethabhavan (H) Temple Road	3/134	Dry land	Banana, Coconut tree -7	Provide a road facility to the land
143	Viswanathan V G Eshwaramandira Karattupallikara Perumbavoor	24/120	Dry land	Well, Coconut tree -1, House	I lost my house for this project, so find a solution for that. Provide better compensation. Assure a job for a family member
144	Xavier. V. J. Valukkaran (H) Rayonpuram	35/15	Wet land	Paddy Field	Wish the project is implemented immediately. Try the shorter track from Kottayam

### e) Inventory: Chelamattom

Sl. No.	Name & address	Survey no.	Type of land	Assets/ crops	Issues faced
1	Alikunju N E Nedukkathukudi Okkal (PO)	367/7	dry land	coconut tree-13 nutmeg-17 areca palm-17 jacktree-1 pepper vine-1 other trees-1	Does not agree with this project.
2	Aliyar KK Kuttayi (H) Vallam Rayonpuram	452/8 452/6	dry land	coconut tree -19 nutmeg-7, aanjili- 2, mango tree-4 areca palm-15 mahogany-1	No recommendation and no issues
3	Antony Johny Edathala (H) Okkal (PO)	398/7, 8, 9, 10, 11	wet land	Paddy	Will face water scarcity; It badly affects the paddy cultivation.
4	Arjunan Govindan Ponnakkudi (H) Cherukkunnam Asamannoor (PO)	21/21	dry land	Coconut tree -1 Mahogany-11 Nutmeg-1 Jacktree-1 Anjili-1 Mango tree-1	No recommendation and no issues
5	Asha Latha Perumthottathil (H) Okkal	367/12-2 364	dry land	cashew trees - 2 mango tree - 4 coconut trees – 6 jack trees - 6 nutmeg- 2 mahogany - 2 other trees - 20	No recommendation and no issues
6	Ashokan TS Thoppil (H) Okkal	558/3	dry land	Rice mill Coconut trees - 4	Provide road facility to the remaining land.
7	Ayyappan (Late) Pulappilly (H) Okkal PO Pin. 683550	398/1	wet land	Paddy	Provide new value of compensation, road facility and job for one member of the family, permit to change the remaining land into dry land.

8	Babu Adhikarathil (H) Okkal (PO)	65/14 65/15 65/13 65/16	dry land	coconut tree-4 areca palm-4 aanjili-4 jack tree - 2 other trees - 2	No recommendation and no issues
9	Beeran Kareem Karakummen (H) Rayonpuram (PO)	449 450	dry land	Plywood factory	Better compensation to reinstall the machines in the factory. Provide compensation to rebuild the shed of the factory.
10	Berchumans Edappulavan (H) Okkal	451/4-2	wet land	Land	Provide job for at least one member of the family.
11	Chacko A D Achandi (H) Okkal (PO)	388/3-2 367/13	wet land	paddy	Acquire full land. Employment for at least one member of the family.
12	Chellappan Thenuran (H) Thannipuzha	81/7	wet land	mahogany-1 plantain-1 tapiocca-64 areca palm-4	Immediately take over the land Provide compensation at market rate.
13	Devarajan TK Thoppil (H) Okkal	347/6 347/7 347/2	dry land	banana-500, nutmeg-13 coconut trees -14 teak- 4	Employment for one member Govt. should acquire the remaining land.
14	Devassi Kalarikkal (H) Okkal PO)	389/ 16	wet land	paddy	No recommendation and no issues
15	Devassi Ouseppu Pothan (H) Chelamattam (PO) Okkal - 683550	398/13 399/7 399/8	wet land	paddy	No recommendation and no issues
16	Divakaran MK Madathedathukudi (H) Okkal PO - 683550	405/5	dry land	House coconut tree-5 jack tree-3 mango tree-1 nutmeg-1 other trees-3	Job for at least member of the family.
17	Ebrahim P S Pallathukudi (H) Vallam Rayonpuram	481/7	dry land	nutmeg-29 teak-1 areca palm-24 jacktree-2 other trees-3	To provide maximum price as compensation.
18	Elam Krishibhavan	386	wet land	mango tree-1 jack tree-1 aqanjily-1 other trees-1 paddy	No recommendation and no issues
19	Eliyakkutty Varghese Edappulavan (H) Vallam	455/16	dry land	House nutmeg -11 coconut tree - 3 areca palm - 9 mango tree-1	No recommendation and no issues
20	Fathima & Sajitha Salim Koottayi House Vallam PO Rayonpuram 683543	452	dry land	Coconut -19 Nutmeg - 7 Mango Tree - 4 Cashew Nut - 15 Aanjali - 2 Mahagoni 1	

21	George Cheppala (H) Okkal (PO)	384/92 384/93	dry land	jack tree-2 cashew tree-1 mango tree-1 coconut tree-1	Provide market value compensation.
22	Gopinathan Nair MP Sreepatmam Menon Parambu Edappalli-24	343/5-18 343/15-5	dry land	House, coconut, mango tree	Immediately implement the project
23	Haridas Madattedathukudi (H) Okkal	406/15.1 406/12 405/14	dry land	House, aanjili-2 areca palm-2 nutmeg-6, coconut-2	Better compensation and job for one member of the family.
24	Hariharan M K Muttalanga (H) Perumattam (PO) Okkal	97/3	wet land	banana nutmeg tapioca	immediately provide the compensation
25	Hassen U A Urakkadan (H) Rayonpuram Vallom	452/7	dry land	coconut tree-1 areca palm-1 nutmeg-1	Government will provide job rehabilitation and fully acquire the land.
26	Johnson KD Kunnathan (H) Okkal: pin 683550	406/6 400/11-2 400/11-1 400/14 400/10 406/11	dry land	Coconut - 30 mango tree - 30	Provide road facilities to the land Provide maximum value price as compensation Acquire the land immediately.
27	Jose C D Chulli (H) Chelamattam (PO)	51/14-10	wet land	paddy banana	No recommendation and no issues
28	Jose K L Kallarackal (H) Mukkannur PO	388/1	wet land	plantain coconut - 3	Government should acquire full land and provide good amount as compensation.
29	Jose Manikkathazhe Manikkathan (H) Thannipuzha Okkal	88/2 3 89/6-14 100/2 3	dry land	rubber-185 nutmeg-2 areca palm-289 coconut tree-30 jack tree-1, other trees-5	Implement new methods to avoid water logging in the area. Road to enter the remaining land.
30	Jose Thekkanam Thekkanam (H) Chelamattam Okkal (PO)	403/8-4	dry land	coconut tree-2 other tree-1	Immediately take over the land and solve the problems. Provide maximum price as compensation of land.
31	Joseph M Kadambukattil (H) Rayonpuram (PO) Vallom	100/27 101/28	dry land	Well, Teak -1 Aanjili-1 nut meg -1 Coconut tree -1 Mahogany -2 Mango tree -2	No comments.
32	Joy E P Edathala (H) Okkal PO, Karikkod	387/17	wet land	paddy	Provide better compensation for the land
33	Joy N P Njezhungan(H) Chelamattam Okkal (PO)	400/8 400/6	wet land	paddy	Cannot do any transaction on this land and so facing economic crisis especially for marriage of children.

34	Joy Pappu Pothan (H) Okkal (PO) Chelamattam	451/3	wet land	Land	No recommendation and no issues
35	Kaalikutty Mundappilli (H) Manjapra South Angamali	364/4 364/5	dry land	Land	Immediately implement the project and provide market value as compensation of land.
36	Karnan K K K K R Agromills pvt. Ltd. Okkal	456/9, 451/1 445/17,14 445/10,11 406/13	dry land	Industry	No recommendation and no issues
37	Krishnakumar Arackal House S. Aduvassery PO 683578	401/10.4	Dry land	Coconut trees	Fair compensation Road access
38	Lalitha Devi Mundakkal (H) Okkal PO	401/10.7	dry land	coconut-13	Provide road facilities to the remaining land.
39	Madavan Nair Manakkattu (H) Okkal PO Chelamattam Pin 683550	343/13	dry land	coconut tree – 5 jack tree - 2 mango tree -3 cashew tree -2 nutmeg -1 other trees - 2	There is no development because of this project. So we don't agree with this. We face difficulties especially environmental pollution.
40	Marykutty Paulose Chulliyil (H) Okkal	396/11 396/9 396/7, 8	not provided	Land	No recommendation and no issues
41	Muhammed (next to) Rayonpuram Plywood factory	not provided	not provided	not provided	Not ready to give the land for Sabari railway project and not ready to give any details about the property.
42	Murali N N Nettikkattu (H) Okkal	405/21	dry land	coconut tree-3 mango tree-1 jack tree-1	Facing serious financial crisis; cannot build a house or take any loan. So implement fast or cancel.
43	Muralidhara Menon CN Pampilliath House Vadama PO MALA	401/10.3	Dry land	Coconut trees	Goes through the centre Either take over the full land or provide road facility Complete the project soon.
44	Nakulan Murali Kozhikudathu (H) Okkal (PO)	343/7	dry land	Aanjili-1 Other trees-1	Facing water logging in the area. Government should adopt measures to solve this.
45	Naisy Benny Manakkakudy (H) Okkal PO	390/6-2	dry land	Land	Through this project facing economic crisis; cannot do any transaction, cannot make well.
46	Ouseph Pothan (H) Okkal Chelamattam	398/13	wet land	paddy	Immediately take over the land.

47	Ouseppachan Vazhappillyil (H) Okkal PO pin 683550	65/7 65/33	dry land	House nutmeg-16 mango tree-1 coconut tree-9 areca palm-11 pepper vine-2 banana-29 other trees-2	Govt. should provide better compensation. Losing main source of income, so provide job for one member of the family & effective rehabilitation facilities.
48	Padmakumar Chembattuparambil House South Aduvassery 683 578	401/10.2 401/10.5	Dry land	Coconut trees	Fair compensation Job for a family member
49	Paili Edathala (H) Okkal PO Karikkod Chelamattam	389/17	wet land	Paddy	No recommendation and no issues
50	Pappachan KA Koonathan (H) Kallelkuzhi , Okkal	397/7	wet land	Paddy, Tapioca	No recommendation and no issues
51	Paul P C Parakkadan (H) Okkal PO	385/2-8 385/17	dry land	rubber-18 areca palm-9 coconut tree-8 teak-9, anjili-2 other tree-5	Provide market price for compensation
52	Paulose E P Edathala (H) Okkal PO, Karikkod	387/17-2	wet land	Paddy	Cannot do any transaction in this land, facing confiscation. Road side
53	Prabhakaran (Late) Kizhakkekudiyil (H) Okkal (PO)	367/16	wet land	House coconut tree-6 jacktree-2 aanjili-1, plantain-6	Provide better rehabilitation Provide job for the family members.
54	Prabhakaran Madathethudi (H) Okkal	403/4-2	dry land	coconut tree-2 mahogany-1 teak- 2 areca palm -4	To provide maximum price to be compensation.
55	Premji Thoppil (H) Okkal PO 683550	65/1-22 65/4 345/10	dry land & wet land	Nutmeg -16 teak-3 coconut tree-10 areca palm-17 pepper vine-10 mahogany-10	Maximum compensation. Equal price for wet land and dry land. Provide job opportunities. Give road facilities to enter the remaining land.
56	Radha MK Madathedathukudi (H) Okkal	403/5,2,16	dry land	Pepper vine - 1 Jack tree -5 Coconut tree-2 mahogany-1 nutmeg-2 areca palm-2 other tree-1	To provide better rehabilitation
57	Rajeev T S Thoppil (H) Okkal (PO)	349/1	dry land	coconut tree - 5 nutmeg -8 aanjili-3 other trees - 2	No recommendation and no issues

58	Raphel Pothan Pothan (H) Okkal (PO)	474/5	dry land	coconut tree-3 jack tree-2	No recommendation and no issues
59	Reetha Varghese Cheppala (H) Okkal P O	381/21	dry land	Land	Provide employment to one family member. Provide compensation.
60	Regha CS Thoppil (H) Nammilli, Okkal	65/3	dry land	Land	No recommendation and no issues
61	Rossi Raphel Njezhunjal (H) Okkal	399/11 399/9 399/5	wet land	Paddy	Provide better compensation and help to find a new agricultural land.
62	Roy K V Kalarikkal (H) Okkal PO Chelamattam 683550	81/7-2 79/6-4 79/3 78/3 2	dry land	Nutmeg-22 areca palm-25 jacktree-1 teak-2 coconut-9 cashew tree-1 aanjili - 4, mango tree - 1 other trees - 2	No recommendation and no issues
63	Sabu E D Edappulavan (H) Chelamattam Okkal (PO) Pin:683550	396/17 396/18	wet land	paddy	Provide road facilities. Provide employment to affected family member decrease the income tax of the compensation.
64	Saiju John Thalakkavil (H) S. Vazhakkulam Aluva – 5	79/4-31 79/5-2 77/2 1 79/5-1	dry land	coconut tree-14 nutmeg-22, teak-20 mango tree-1 mahogany-10 areca palm –58	Provide good price for compensation. Property divides into three pieces so acquire full land
65	Sajeew PA Pelappalli (H) Nambilli Okkal (PO)	65/13-30 65/16-34	dry land	Land	No recommendation and no issues
66	Sajeew T S Thoppil (H) Okkal PO	63/9 63/10 63/3.2 63/2.2	dry land	cement paving block (factory)	8 labourers losing job because of this project. Job for two sons.
67	Sajitha Saleem Nedugattukkudi Okkal (PO)	384/4-1	dry land	House coconut tree-4 other trees-4	Immediately take over the land and provide better compensation.
68	Sajivan Kochadi (H) Okkal (PO)	65/3	wet land	coconut banana	Government should acquire the remaining land also.
69	Saleem K A Kuttayi (H) Vallom	452/6 452/7.5 452/9-1	wet land	Coconut tree - 7 nutmeg - 4 areca palm-13 Jack tree - 2	No recommendation and no issues

70	Saleem NA Nedumgattkudi H Okkal PO Chelamattam 683550	384/4.1	dry land	Coconut tree – 4 Gauva – 1 Bell Fruit – 1	Implement the project immediately
71	Sanjo Varghese Nambiyattukudi Thannipuzha Okkal (PO)	100/6 100/8	dry land	coconut tree-12 aanjili-5, nutmeg-30 areca palm-48 plantain-56	There is road access now. Road access should be retained. Drainage facility for rain water
72	Santhosh Kumar Thoppil (H) Okkal (PO) Chelamattam	66/1 66/2	dry land	House coconut-35 jacktree-1 mango tree- 5 cashew tree-1 teak-2 , banana- 12 areca palm-18 other trees-5	Provide better Resettlement & rehabilitation Acquire the total land.
73	Saraswathiamma Vinod PV Perumthottathil (H) Okkal (PO)	343/14.3	dry land	coconut trees - 2 mango trees - 2 jack tree -1, areca palm -1 other trees - 2	No recommendation and no issues
74	Sassi M K Maneli (H) Okkal PO 683550	81/4 81/5	dry land	plantain-170 nutmeg-7 pepper vine-5 areca palm-20 coconut tree-13 other trees-1	Immediately take over the land; Lot of difficulties due to this project.
75	Sathi Devi Manthiram (H) Okkal	405/15	dry land	mango tree-1 coconut tree-1 other trees-1	Better compensation for full land as the remaining land becomes useless.
76	Seeba Joseph Malakkekudi (H) Rayonpuram PO Vallom	455/22	wet land	nutmeg-17 coconut tree-8 areca palm-10 aanjili-2	Provide better compensation.
77	Shajahan Nedugattukudy (H) Okkal (PO)	387/15 387/16	wet land	paddy	Provide better compensation.
78	Shaju MD Manjuzha (H) Okkal PO Chelamattam	403/5-2	dry land	Jack tree-3 Aanjily-5 Coconut tree-1 Mahogany-1 Areca palm-3	Immediately take over the land.
79	Shijo Varghese Nambiyattukuzhi (H) PO Okkal	100/5 100/7	dry land	areca palm - 8 mango tree - 1 nutmeg-5, aanjili -1 coconut tree - 2	No recommendation and no issues
80	Sini V S Vilangattil (H) Thuruthi, Okkal PO	8/366	dry land	Land	To provide job for the member of the family.

81	Sivadasan Varayil (H) Okkal	346/7	dry land	mango tree-1 coconut tree-3 areca palm-1	Provide compensation more than in market value.
82	SNDP	89/10-2 89/12 13 89/9	dry land	teak- 8, mahogany, banana-70 coconut tree-81 cashew tree	No recommendation and no issues
83	Sreejjith, Sreekumar Madathedathukudi (H) Okkal	401/4.1	wet land	coconut trees -2 paddy plantain	Immediately take over the land. Provide job for one member of the family.
84	Sreekala Madathedathukudi (H) Chelamattam Okkal (PO)	401/1	wet land	plantain paddy	Immediately take over the land. Provide job for one member of the family.
85	Subash Indirabose Mullasheri (H) Perumbavoor Thannipuzha Okkal	81/1 81/2 81/3	wetland	cashew tree-6 coconut tree- 14 areca palm- 62 nutmeg-1 banana- 36 aanjili-1	Give the compensation for the total land. Through this project losing fertile land and water resource. So the government should give better compensation.
86	Sudakaran P V Pulikkakudi (H) Okkal (PO) pin 683550	343/10-23 343/11-23	dry land	House nutmeg-4 mango tree-1 coconut tree-3 jacktree-3 other trees-1	To acquire the remaining land also.
87	Sudeer Sudalayam (H) Okkal PO	405/7 405/8	dry land	<i>Kaavu</i> , nutmeg-1 coconut tree - 2 areca palm – 3	Compensation for <i>Prana Prathishtha</i>
88	Suguthan Thoppil (H) Okkal PO	63/2	dry land	aanjili-2, nutmeg-2 jack tree-1, plantain-4 mango tree-1 other trees-1 pepper vine-2	Will not agree with this project.
89	Sujatha Devi Mylathu House Poovathussery PO Annamanada 680741	401/10.9	Dry land	Coconut trees – 15	Railway goes through the centre Take over the full land or provide road access Complete the project quickly
90	Thankachan A P Achandy (H) Okkal (PO)	367/14 384/6 367/11-3	dry land	Coco -1 jacktree-4 teak-1 coconut tree-2 anjili-1 mahogany-1 nutmeg-1	Immediately take over the land and give compensation.
91	Thomas C P Cheppal (H) Okkal PO 683550	384/8 384/9	dry land	House cocoa-1	Immediately implement the project



92	Thomas K.O. Kunithanam (H) Thannipuzha Okkal	100	dry land	nutmeg-15 coconut-7 mango tree-2 areca palm-7	Provide market price as compensation
93	Valsala Venugopal Mundakkal (H) Okkal	401/10.3	dry land	mahogany-1 tapioca vegetables	Provide road facility remaining land will be useless.
94	Varghese Devassi Kizhakkumthala Okkal (PO)	398/12-2 398/12-1	wet land	paddy	Acquire the remaining land also.
95	Varghese K O Kizhakkumthala (H) Okkal (PO)	398/14	wet land	paddy	No recommendation and no issues
96	Vijayan T V Thoppil (H) Okkal (PO)	not provided	dry land	Nutmeg, mahogany coconut tree Jack tree areca palm Aanjili, teak, cashew tree	Provide road facility we took water from the river for cultivation through this project we lost it. So find a solution for this problem.
97	Vishvanathan Nair MP Manakkattu (H) Okkal PO	343/16	dry land	House coconut tree-6 aanjili-1 mango tree- 6 areca, palm - 2	Immediately implement the project and provide good price for compensation.
98	Viswambaran M K Madathedathukudi (H) Okkal 683550	405/12	dry land	House coconut tree-2 aanjili-2 jack tree-2 nutmeg-1 areca palm-1	Sound pollution. Difficulty in waste management. Provide better compensation.

**f) Inventory: Koovappady**

Sl. No.	Name & address	Survey No.	Type of land	Assets/ crops	Issues faced
1	Aliyamma Jacob & Jincy Jacob and K.C Jacob, Kaniyadan (H), Koovappaddy (PO), Perumbavoor: 683544	423/22, 423/18	wet land,	paddy land, banana tree, tapioca	no comments
2	Aliyamma T Varghese Adukalil House Opp. Ashram House	320/7-2	wet land	Paddy field	do the project as soon as possible and get the fair compensation
3	Ayyappan Kandaolappura, Aimury (PO) Koovappady. 683544	405/2-3	dry land	House, well	I am 92 years old and want to die in my property and I don't have other land. Expecting good compensation from railway
4	Ayyappan & Usha, Manjalil (H), Aimury (PO) Koovappady: 683544	429/1, 429/2	wet land	paddy	do the project immediately
5	Bhaskaran Aiyappan, Olappura (H), Aimury (PO) Koovappady. 683544	405/3	dry land	Coconuttree-3, Areca palm-5, nutmeg-1, mango tree-1, cocoa-1	no comments
6	Biju K. Paul Painadthu (H), Kuruppampady (PO) 683545	428/8	wet land	paddy land	Decreases the land value, cancel the project if it is possible
7	Binu E.V, Eechiramkuddy(H), Aimury (po), Perumbavoor, Pin:683545	428/5	wet land	paddy land and tapioca	Fair compensation
8	Chandran Thekedathukudi Aimuri	306/19	wet land	Paddy field	do the project as soon as possible and get the fair compensation
9	George Malekkudi (H) Aimurikkara Koovappady	51/14	wet land	Paddy field	do the project as soon as possible and get the fair compensation
10	George Thadikulangara Aimuri, Koovappady	321/1 pt.	wet land	Paddy field	do the project as soon as possible and get the fair compensation
11	George Thadikulangara Aimuri, Koovappady	324/7 (50/8-A)	wet land	Paddy field	do the project as soon as possible and get the fair compensation

12	George & others Thadikulangara Aimuri, Koovappady	321/pt	wet land	Paddy field	do the project as soon as possible and get the fair compensation
13	Joby K Abraham, Kaniyadan (H), Aimury (PO) Koovappady: 683544	423/17	dry land	tapioca, paddy field, banana tree, pea	Expecting good compensation, losing different kinds agriculture land
14	John T.M, Thadikulagnara H), Aimury (PO), Koovappady 683544	405/8, 408/1 409/19	wet land	Paddy Land and Coconut trees	As the railway line goes through the middle of the paddy field, so acquire the remaining portion also and do the project soon, expects fair compensation take over the remaining portion and do the project as soon as possible and get the fair compensation
15	Jose Pottakkal (H) Triveni junction, Aimuri, PBVR	324/2	wet land	Paddy field	do the project as soon as possible and get the fair compensation
16	Joy Paul, Pittapallil (H), Aimury (PO), Koovappady: 683544	194/5	dry land	Coconuttree-5, Pepper vine-2, bread fruit tree-1, Mahogany-5, Areca palm-5, nutmeg - 4	Will face Traffic jam on Kuruppampady to Malayattor road, need an over bridge
17	Krishna Pilla, Padikkalpathenveedu Aimuri, Koovappady	319/5	wet land	Paddy field	do the project as soon as possible and get the fair compensation
18	Kuriakose E.P. and Selena Epuramkudi, Mavinchuvadu Aimury 683544	428/17, 429/19, 424/20	wet land	tapioca	do the project as soon as possible and get the fair compensation
19	Lissy Kuriachan, Pathickal (H), Aimury (PO), Koovappady, Pin:683544	423/14, 423/13	wet land	paddy land	Acquire the remaining portion also.
20	Mathai M.P, Marangattu (H), Kuruppampady (PO) 683545	309/12	wet land	paddy land	no comments
21	Mini Manjali (H), Aimury (PO), Koovappady, Aimurikkara 683544	429/4-2	wet land	paddy land	do the project as soon as possible and provide fair compensation and offer job for affected family member
22	Paulose K.K Keecheri (H), Aimury, Koovappady 683544	325	dry land	Nutmeg and Coconut	More difficulties than benefits due to this project, so cancel.

23	Paulose K.O. Keecheri (H), Aimury (PO), Koovappady, 683544	325/10-5	dry land	House, well, shed	To construct new road to the house
24	Paulose M.P., Muttathu (H), Aimury East, Koovappady (PO) 683544	430/2	wet land	paddy land and tapioca	immediatley do the land acquisition and give the fair compensation
25	Paulose T D Thadikulangara Aimuri, Koovappady	321/5 pt.	wet land	Paddy field	do the project as soon as possible and get the fair compensation
26	Rajamma P V Padikkalputhenvee du Aimuri, Koovappady	319/3-2	wet land	Paddy field	do the project as soon as possible and get the fair compensation
27	Ramanpilla T S Vimalakumari Padikkalputhanvee du, Aimuri	321/2-34 52/2/1 52/2/3 321/7-42	wet land	Paddy field	do the project as soon as possible and get the fair compensation
28	Saradhamma PN Padikkalputhanvee du Aimuri	323/10, 323/6	wet land	Paddy field	do the project as soon as possible and get the fair compensation, the road should not be blocked
29	Sarswathy Velayudhan, Manjali (H), Aimurykkara, Aimury, Koovappaddy 683544	428/4-4	wet land	paddy land	take over the remaining portion also and give better compensation
30	Sesthalakshmi Manayth H. Kavumpuram Aimuri Koovapadi	319/4	wet land	Paddy field	do the project as soon as possible and provide fair compensation and offer job for affected family member
31	Shibu M.R, Manjali (H), Aimury (PO), Koovappady, Aimurikkara: 683544	428/4-3	wet land	pea and vegetables	do the project as soon as possible and provide fair compensation and offer job for affected family member
32	Shoshamma, Eecharmukuddy (H) Aimury (PO) Perumbavoor	422/4,422/5 ,429/4	wet land	paddy land	do the project as soon as possible and provide fair compensation
33	Soshamma John Kalayil (H) Irinngole PO Perumbavoor	320/1-63, 218/4	wet land	Paddy field	do the project as soon as possible and get the fair compensation

34	Sukumaran A K Edanottil House Aimuri Aimurikkara PBVR	319/18	wet land	Paddy field	do the project as soon as possible and get the fair compensation
35	Sulochana Sukumaran, Kavumpuram, Aimury (PO) Koovappady 683544	405/2-3	dry land	House, well, mango tree-1, Coconut tree-1, palmyra plam-3	Acquire the remaining land also
36	Thampi Ouseph Keecheri (H), Aimury (PO) Koovappady. 683544	325	dry land	Vegetables	Loss of road, Provide new road to house
37	Thankachan George Malekkudi (H) Aimurikkara Koovapadi	51/11	wet land	Paddy field	do the project as soon as possible and get the fair compensation
38	Thankachan Keecheri (H), Aimury (PO), Koovappady pin:.683544	325/10-6	dry land	House, Well, Wall	do the project immediately or cancel it
39	Thankamma K. (Late) Panattumali House Aimuri Kavumpadi	53/3	wet land	Paddy field	do the project as soon as possible and get the fair compensation
40	Thomas K.G & Aliamma thomas, Kaniyadan (H), Kuruppampady (PO), Perumbavoor 683545	430/12	wet land	Paddy Land	Please do the project as soon as possible
41	Uthupp Thadikulangara Aimuri, Koovappady	321/14-2	wet land	Paddy field	do the project as soon as possible and get the fair compensation
42	Varghese K.O, Keecheri (H), Aimury (PO) Koovappady. 683544	325	dry land	House	Losing small portion of the house but cannot use the, house, transportation problems
43	Varghese M.M, Eldho Vargheese, Neernakuddy (H), Koovappady, Perumbavoor, Pin:683544	429/12-1	wet land	Paddy land and tapioca and banana tree	Fair compensation

44	Varghese Mathew, Kaniyadan(H) Koovappaddy PO), Perumbavoor, 683544	428/9,430/9	wet land	paddy land and pea, banana tree, tapioca	Fair compensation
45	Varkey Mathayi, Keecheri (H), Aimury (PO) Koovappaddy 683545	423/12	wet land	paddy land, tapioca	do the project immediately
46	Varky M.P, Malekkuddy (H), Aimurykkara, Koovappady, 683544	405/4, 407/9, 409/4-2	dry land wet land	Paddy, Coconut tree - 2, Cocoa -4, Areca Nut-3, Teak-2, Jack fruit-4, Mango tree-3, Nutmeg - 2, Aanjili-3, Mahogany-14	no comments
47	Vijayan & Ammini Kadukayathu (H) Aimuri Perumbavoor	323/5, 323/4, 323/3, 323/2	wet land	Paddy field	do the project as soon as possible and get the fair compensation
48	Vijayan Namboothiri Uraynkara Illam Aimuri, PBVR	319/9	dry land & converte d land	Rubber-20, Mango tree-2, coconut-6, vatta-3, tamarind-1	do the project as soon as possible and get the fair compensation
49	Vijayan Namboothiri Uraynkara Illam Aimuri, PBVR	322/10	wet land	Paddy	do the project as soon as possible and get the fair compensation
50	Vijins Paul, Kooniyadan (H), Aimury (PO), Koovappaddy, Pin: 683544	424/18,424/ 15,424/11	wet land	Paddy land and tapioca	Can't sell the property due to the railway alignment
51	Vimala Kesavankutty Padikkal Puthenvedu Aimuri, PBVR	321/2- 34 R (321/7,42 R)	wet land	Paddy field	There is a heavy electrical line across the remaining land in a difficult situation

## CHAPTER 5

### ESTIMATION AND ENUMERATION

This chapter presents the livelihood affected families and the scale of impact on the affected families. It also mentions about the loss of inventory among the affected. Besides, this chapter provides an estimation of the units affected at the marked alignment in the villages of Kunnathunadu Taluk of Ernakulam District.

#### 5.1 Number of Properties Affected

<b>Table 5.1 Details of land and landholdings affected</b>			
<i>SL.NO.</i>	<i>Villages</i>	<i>No. of landholdings</i>	<i>No. of survey numbers</i>
1	Chelamattom	98	133
2	Perumbavoor	144	186
3	Koovappady	51	61
4	Vengur West	104	127
5	Asamannoor	152	222
6	Rayamangalam	2	5
	Total	551	734

Table No. 5.1 shows the village versus number of land holdings with total Survey numbers affected by the acquisition. Property area extending up to 44.40.08 hectares in the railway alignment that comes under the purview of SIA study is affected by the project. This land which is spread over 734 survey numbers is owned by 537 families and 10 others and their dependents. 98 land holdings are affected in Chelamattom village, 141 land holdings in Perumbavoor village, 51 land holdings in Koovappady village, 104 households in Vengur West Village, 152 households in Asamannoor village and 2 households in Rayamangalam village with a total of 551 land holdings including other properties. \*[Three land holders in Perumbavoor village and 1 in Koovappady village have more than one land holding].

#### 5.2 Ownership of the land

The SIA study area accounting to 44.40.08 Hectares is not fully privately owned. There are public roads, irrigation canals and waste land owned by the government. There is some land which belongs to Krishi Bhavan and Panchayath. However, it is observed that although the SIA study area includes mostly private owned land, the project area when considered in total includes government and local self-government owned land besides private land. Acquisition of the government land will indirectly affect the population that resides in the vicinity of the project site

Table 5.2 shows the type of ownership of the affected by the alignment. Out the 551 land holdings, 268 are by hereditary ownership, 238 land ownerships by purchase, and 7 properties reported to be *purampoke*/ encroached. Way of possession of 21 plots are not provided and 17 plots are public property / unable to reach/ not available.

<i>Ownership Type</i>	<i>Frequency</i>
Hereditary	268
Purchased	238
Encroached	7
Not provided	21
Not available	17
Total	551

### 5.3 Type of land

Village	Table 1.1 Type of Land				Total
	<i>Dry land</i>	<i>Wet land</i>	<i>converted land</i>	<i>Not Available</i>	
Asamannoor	115	35	0	2	152
Chelamattom	61	34	0	3	98
Perumbavoor	115	21	5	3	144
Vengur West	70	34	0	0	104
Rayamangalam	2	0	0	0	2
Koovappady	15	35	1	0	51
Total	378	159	6	8	551

Some areas of the land are left uncultivated. Paddy was one of the crops cultivated in the field. Coconut, Nutmeg, Arecunut, Rubber, fruits like Mangoes, Banana, and a number of costly trees like teak and other variety trees etc are also widely grown. Structures like residential houses, commercial establishments, and Industrial units existed or exist in the project site.

### 5.4 Patta for the Land

The responses of property holders reveal that among the directly affected families most of them have *patta*/deed for their entire property.



### 5.5. Current Use of the Affected Property

Use	Table No. 5.4 Current Use of the Land						
	Asa-mannoor	Chelamattom	Perumbavoor	Vengur West	Rayamangalam	Koovappady	
Building	30	28	68	33	0	6	143
Agriculture	89	51	54	62	2	40	227
Building & Agriculture	21	3	3	3	0	1	16
Barren land	0	1	4	2	0	3	9
Agriculture & Barren land	0	0	2	0	0	0	3
Others	6	1	5	4	0	2	18
Not Provided	4	8	10	0	0	1	23
Not Applicable	0	1	0	2	0	0	3

Table No.5.4 shows the village-wise current use of the land affected by the alignment. Out of the total 551 landholdings, 143 houses/buildings are alone and 16 buildings/agriculture together. There are 227 land plots used for agriculture only. 9 plots are fully barren land. One plot is semi barren, 18 plots have other uses. 23 numbers have not provided the use of their land. And three are not applicable.

### 5.6 Accessibility to the Land

Table No.5.5 Accessibility to the Property			
Village	Yes	No (Including NA)	Total
Asamannoor	92	60	152
Chelamattom	50	48	98
Perumbavoor	100	44	144
Vengur West	62	42	104
Rayamangalam	1	1	2
Koovappady	21	30	51
Total	326	225	551

Table No.5.5 shows that out of total 551 landholdings 326 have road connectivity to their property and 225 land holdings do not have road connectivity. 'No' is also including those who have not provided any detail. Accessibility to the tarred/concreted road from the affected site varied in accordance with the location of their landholding and alignment. Property is varyingly located at a distance of 10 metres to 500 metres. Majority however fall below 200 metres. The width of the road to the affected property varies from 1 metre to 9 metres.

### 5.7 Transaction during the last three years

Village	Table No. 5.6 Transactions within 3 years				
	<i>Yes</i>	<i>No</i>	<i>NA</i>	<i>Not Provided</i>	<i>Total</i>
Asamannoor	23	123	2	4	152
Chelamattom	16	75	1	6	98
Perumbavoor	21	113	5	5	144
Vengur West	7	74	3	20	104
Rayamangalam	0	2	0	0	2
Koovappady	1	47	1	2	51
Total	68	434	12	37	551

Table No.5.6 shows 68 landholders of the affected population had land transaction during the last three years in the area under SIA. 434 landholders have not done any transaction with their land while 37 did not give any information regarding any transaction done or not. 12 land holdings are *Not Applicable* category.

### 5.8 Bank Loans Status

Village	Table No. 5.7 Availing Loan			
	<i>Yes</i>	<i>No</i>	<i>Not Applicable</i>	<i>Total</i>
Asamannoor	31	111	10	152
Chelamattom	20	74	4	98
Perumbavoor	36	106	2	144
Vengur West	10	92	2	104
Rayamangalam	0	2	0	2
Koovappady	9	41	1	51
Total	106	426	19	551

Table No.5.7 shows that 106 households of affected population have taken loan from the bank for different purposes and are yet to complete the repayment. 426 landholders have not avail any loan against their landholding. 19 landholdings are *Not Applicable/ no response* in this case too.

### 5.9 Usability of the remaining land

Table No. 5.8 Usability of the Remaining Land					
<i>Villages</i>	<i>Yes</i>	<i>No</i>	<i>Not provided</i>	<i>NA</i>	<i>Total</i>
Asamannoor	65	82	5	0	152
Chelamattom	27	67	1	3	98
Perumbavoor	41	96	3	4	144
Vengur West	40	62	0	2	104
Rayamangalam	1	1	0	0	2
Koovappady	23	26	1	1	51
Total	197	334	10	10	551

Table No. 5.8 shows further usability of the remaining land. As per the response given by the landholders 197 said their land will be still usable even after the acquisition of the required alignment. 334 landholders reported that they are not able to use the remaining portion of their land. Information about the usability of the landholdings is not provided by 10 land holders. No details of 10 landholdings are available. So it is inferred that the acquisition hit badly the small land holders more.

### 5.10 Water Sources Affected

<b>Table No. 5.9 Affected water sources</b>	
<i>Water Source</i>	<i>Frequency</i>
Wells	121
Ponds	16
Pipelines	14
Water tank	11
Others	22
Total	184

Table No. 5.9 shows the details of the water sources affected through the alignment. A total of 184 water sources are affected including 121 wells 16 ponds 14 pipelines and 11 water tanks. 22 respondents are other streams and water canals etc. These water sources are apart from the wet land being affected.

### 5.11 Types of Houses Affected

<b>Table No. 5.10 Types of Houses Affected</b>		
<i>Type</i>	<i>Frequency</i>	<i>Percentage</i>
Concrete houses	71	41
Tiled houses	84	52
Concrete & tiled	10	5
Others	3	2
Total	168	100

Table No. 5.10 shows that there are 168 houses affected either fully or partially. The alignment is covering either full house or some parts of the house and in some cases little portion of the household. It is assumed that if the railway track is touching the house the residents cannot stay in that house due to very many reasons. Out of these houses, 71 are pucca concrete 84 houses are semi pucca, or with tile roofing, 10 houses with mix roofing or concrete and tiles / asbestos and 3 houses with other material like Polithine sheet/sink sheet etc.

## 5.12 Vulnerable Groups Affected

Table No. 5.11 shows among the affected population of 2206 at the project site 12 of them are differently abled. 68 households have members who are chronically ill. These two groups are considered to be vulnerable because they are from the land acquisition affected families. At the same time 38 SC populations and 19 ST populations constitute socially vulnerable groups. It is unfair to exclude 104 BPL families and 19 AAY groups of families from the vulnerable groups. Financial vulnerability is also taken in to considerations in the SIA.

<b>Table No. 5.11 Vulnerable groups</b>	
<i>Individuals</i>	<i>Frequency</i>
Differently abled	12
Chronically Ill	68
Schedule Caste	38
Schedule Tribe	19
Total	137
<b>Poverty Line Aspects</b>	
BPL families	104
AAY families	19

## 5.13 Indirectly Affected by the Project

The indirectly affected population in this study are those households that reside in the vicinity of the project location. The number and details of such households are not elicited as collecting such information from both the sides of the alignment for 18 kilometers is a huge task. The sporadic unstructured interviews during the field visits to elicit the views of and impact on the indirectly affected have collected from the people of the area (such individuals and families) have revealed the same concerns shared by the directly affected.

Most of these families residing in the project vicinity expressed their fear about pollution and loss of land value in their area. It is learnt in this regard that the alignment will divide their community in to two sides. It may adversely affect them due to their inaccessibility to the neighbour or land on the other side of the Railway track.

## 5.14 Inventory of Agricultural Assets

The project will affect properties of 537 households and 10 others spread over 734 survey numbers will be affected by the project. The land is mostly agricultural and includes both wet and dry land. In the case of productive assets in the dry land the list is given below:

<b>Table No. 5.12 Inventory of Agricultural Assets</b>						
<i>SI.No:</i>	<i>TYPE</i>	<i>NUMBER</i>		<i>SI. No:</i>	<i>TYPE</i>	<i>NUMBER</i>
1	Rubber	2183		22	Poovam	1
2	Nutmeg	692		23	Aaval	1
3	Teak	510		24	Other trees	285
4	Mahogany	568		25	Guava	4
5	Areca palm	1263		26	Erupool	1
6	Jack tree (Plavu)	317		27	Bamboos	5
7	Aanjali	444		28	Thanni	10
8	Coco	499		29	Edana	3
9	Coconut tree	1404		30	Maruth	14
10	Tamarind	42		31	Mullangini	2
11	Rambuttan	5		32	Rakthachandanam	1
12	Mango tree	200		33	Ambayam	1
13	Coffee plant	192		34	Elanji	3
14	Pepper vine	111		35	Aatha	2
15	Cotton tree	338		36	Cashew tree	20
16	Njaval	1		37	Bread fruit	6
17	Thambakam	15		38	Elavu	2
18	Palm	19		39	Badam	1
19	Pongalyam	7		40	Marotty	2
20	Pala	2		41	Murikk	3
21	Vatta	50				367
<b>Total</b>						<b>9229</b>

## **CHAPTER 6**

### **SOCIO-ECONOMIC AND CULTURAL PROFILE**

#### **Introduction**

This chapter contains information about the socio economic and cultural aspects of the affected families. It includes the demographic details, economic status, vulnerability among the affected families, local economic activities in the area, enumeration of livelihood affected families, and socialization pattern of the project affected persons and other related information. Establishing the baseline conditions is essential for describing the receiving environment the *status quo* and for identifying and predicting potential impacts. “A prediction of change can only be as effective as the baseline information from which it is derived. It is thus important to put the proposed project in perspective by comparing the current state with the potential future state” (DEAT 2002a).

The Social Impact Assessment Unit in compliance with section 7 of the Right to Fair Compensation and Transparency in Land Acquisition Rehabilitation and Resettlement Rules 2014 undertook the socio-economic survey and collected data on relevant socio-economic circumstance of the project affected population including family details, demographic information on social classification, education and occupation of family members, total family income (from all sources), identification of vulnerability, key issues likely to be faced with regard to land acquisition and compensation, quantification and criteria of vulnerable Project Affected Population, and strategies for minimizing impact on current land use or cultural heritage. This chapter provides summary of the baseline information on the findings of the socio-economic survey.

#### **6.1 Demographic Profile**

Ernakulam is the richest and developed district in Kerala and is the land of Commerce and Industry. The district is spread over an area of 3063 sq.km. It has Thrissur District on the north, Idukki District in the east, and Kottayam District in the south. According to 2011 census, Ernakulam has a population of 3282388 out of which 1619557 are males and 1662831 are females. The district accounts for about 9.83% share of the total population of the State of Kerala. The literacy rate of the district is 95.89%. Hinduism is the predominant religion with nearly 45.99% of the population. Ernakulam is one of the important agricultural and industrial areas of the state. It is the commercial capital of Kerala and several commercial industries and IT based industrial parks are established in the district.

The Sabari Rail Alignment runs through rice mills hub in Kalady-Perumbavoor area, timber-based industries and factories in Perumbavoor area, wooden furniture hub in Kothamangalam area, pineapple hub in Muvattupuzha-Vazhakkulam, and agricultural activities that include crops like nutmeg, mangoes, banana, tapioca, coconut, rubber, etc. The district is blessed with many small and medium rivers and big rivers like Periyar. There are a number of irrigation dams and canals across the agricultural lands.

The household survey was targeted to cover 537 households and 10 others. Information related to various socio-economic aspects was gathered from the adult member representatives of each household. Detailed and relevant baseline information on affected populations deduced from the study findings are presented below.

## 6.2 Total Population Affected

The overall population affected by the project from the study area is 2206 persons of which 1133 are Male (52.1%) and 1061 are Female (47.9%) residing in 537 households with 734 land survey numbers. Among these based on the details provided by the respondents, 199 households are fully affected and 337 households are partially affected. The SIA study has received 11 survey numbers with *Not Known* response.

## 6.3 Marital Status & Job Status

<b>Table No. 6.1 Marital Status &amp; Job Status</b>	
Married	1362
Unmarried	692
Widow /widower/Divorcee	141
Not available	11
Total	2206
<b>Job Status:</b>	
Yes	807
No	1368
Others	31
Total	2206

Table No. 6.1 shows details of the total 2206 population. Among them 1362 are married, the unmarried constitute 692 numbers, the widow/ widower/divorcee number 141. No details available constitute about 11. 807 persons are employed while 1368 are unemployed. Another group, *others*, which include institutions/establishments like *College Property, No Response* and *Not Available*, are 31.

#### 6.4 Type of Families.

Table No.6.2 shows the types of families that reside within the Sabari Railway alignment. These families are of different types: 25 joint families, 491 nuclear families, 7 households with one member each. Details about 14 households/ property holdings including others and the family type are not available.

Village	<i>Joint Family</i>	<i>Nuclear Family</i>	<i>Single Person</i>	<i>NA/NR</i>	<i>Total</i>
Asamanur	11	133	2	3	149
Chelamattom	5	85	0	3	93
Perumbavoor	6	124	1	5	136
Vengur West	1	99	3	2	105
Rayamangalam	0	2	0	0	2
Koovappady	2	48	1	1	52
Total	25	491	7	14	537

#### 6.5 Age of the Affected

Table No. 6.3 shows that majority of the people, 773 affected by the land acquisition are in the age bracket of 36 to 60 years. The second largest age group numbering 552 comes between 19 and 35 years. It indicates and reaffirms the productive age group of the adult personnel who act as the decision makers in their families in the whole assessment process. There are 127 below 6 years and 456 above 60 years constituting the vulnerable/dependent group.

<i>Age of the Population</i>	<i>Frequency</i>
below 6	127
7 to 18	298
19 – 35	552
36 – 60	773
above 60	456
Total	2206

#### 6.6 Gender of the Affected

Table No. 6.4 shows the Gender distribution of the affected. 1136 out of 2206 in the study are men; women number 1070. The ratio for Kerala is 1084 i.e. 1084 females per 1000

<i>Gender</i>	<i>Frequency</i>	<i>Percentage</i>
Male	1136	51
Female	1070	49
Total	2206	100.0



Male - while the national figure is 940. Ernakulam has a sex ratio of 1027 females for every 1000 males. The district is listed as the "most advanced" district in Kerala. It is 68.07% urbanised.

### 6.7 Education Level of the Affected

<i>Education</i>	<i>Frequency</i>
Below School Age	79
Students	516
Education Completed	1611
Total	2206

Table no. 6.5 shows the overview of the educational status of the respondents reveals that majority of the respondents (1611 out of 2206) have completed their education at different levels. 516 are continuing studies at either primary or higher education level. 79 out of 2206 are below school age. Though it shows the high-level of literacy, it also indicates that there is a serious decrease in the population in the coming years which is already started.

### 6.8 Religion

<i>Village</i>	<i>Hindu</i>	<i>Muslim</i>	<i>Christian</i>	<i>NA</i>	<i>Total</i>
Asamanur	34	49	66	0	149
Chelamattom	41	9	40	3	93
Perumbavoor	54	25	52	4	135
Vengur West	48	0	55	2	105
Rayamangalam	0	0	2	0	2
Koovappady	18	0	31	4	53
Total	195	83	246	13	537

Table No. 6.6 shows there were households adhering to the Hindu Christian and Islam faiths amongst the surveyed households. Out of 537 households, 195 families spread across 6 villages belong to the Hindu Community. 83 families practice the Islamic faith and the Christians constitute 246. There are 13 landholdings among the *others or Not Applicable/ not available* category.

### 6.9 Social Group

<i>Village</i>	<i>SC</i>	<i>ST</i>	<i>OBC</i>	<i>General</i>	<i>NA</i>	<i>Total</i>
Asamanur	2	2	47	98	0	149
Chelamattom	0	0	32	58	3	93
Perumbavoor	2	2	36	92	5	137
Vengur West	3	0	26	74	2	105
Rayamangalam	0	0	0	2	0	2
Koovappady	1	0	4	42	4	51
Total	8	4	145	366	14	537

Table No.6.7 shows the social grouping / vulnerable community among the affected. There are 8 families from the Schedule Caste (ST) category and 4 families belonging to the Scheduled Tribe (ST). 145 families are of OBC while 366 families are from the general category. The details of 14 families include the others and unreachable. It indicates that the weaker sections are not much affected when compared to the others.

### 6.10 Working Population and Type of Employment

Table No.6.8 shows the people were engaged in a range of works for which they were getting paid. The employment / occupation of the affected people are thus: 96 farmers, 82 Coolie labour - daily wage, 80 Private job, 80 business, 24 Driver, 16 self employed, 5 Advocates, 4 Engineers, 5 Teachers, 30 in government jobs, and 15 NRIs and Not applicable including not responded constitute 14. For majority of the affected people it is either temporary or casual employment. It is to be observed here in concurrence with the percentage of the people engaged in agricultural labour a good proportion of the working population in the Kunnathunadu Taluk in the indirectly affected group are agricultural labourers. Among the directly affected group also the majority are land cultivators / farmers.

<b>Table No. 6.8 Type of Employment</b>					
<i>Sn.</i>	<i>Employment</i>	<i>Frequency</i>	<i>Sn.</i>	<i>Employment</i>	<i>Frequency</i>
1	Farmer	96	7	Self Employed	16
2	Coolie	82	8	Advocate	5
3	Private job	80	9	Engineer	4
4	Business	80	10	Teacher	5
5	Driver	24	11	Govt. Services	30
6	NRI	15	12	NA	14
	Total				451

### 6.11 Monthly Income of the Households

<b>Table No.6.9 Monthly Income of the Household</b>							
<i>Monthly Income</i>	<i>Asa-manur</i>	<i>Chela Mattom</i>	<i>Peru-mbavoor</i>	<i>Vengur West</i>	<i>Raya mangalam</i>	<i>Koova-ppady</i>	<i>Total</i>
Less than 1500	8	4	6	13	0	10	41
1500-10000	59	18	40	31	0	13	161
10000-30000	36	36	47	33	0	12	164
30000-60000	24	10	18	15	2	10	79
60000-90000	5	6	7	1	0	2	21
90000-120000	4	2	1	1	0	1	9
Above 1.2 lakhs	2	4	3	4	0	1	14
Not provided	9	10	9	5	0	1	34
Not Applicable	2	2	8	2	0	0	14
Total	149	92	139	105	2	50	537

Table No.6.9 indicates the monthly income of the households. It was calculated by adding up the income from the occupation and from other sources - agriculture/livestock. Income of the affected families varies from Rs. 1500/- to above Rs. 1.2 Lakhs/- indicating comparatively a larger divide in the financial status. Amongst these 41 families earn less than Rs. 1500/-; 161 families earn from Rs.1500/- to Rs. 10000/-; and another 164 families earn from Rs. 10000/- to Rs. 30000/-. There are 79 families earning from Rs. 30000/- to 60000/- per month. 21 Families earning from Rs 60000/- to Rs.90000/-. Another group of 9 families earn Rs.90000/- to Rs. 120000/- per month. 14 families earn an income above 120000/-per month. 34 families did not reveal their monthly income while for 14 land holdings this monthly income is not applicable.

### 6.12 Vulnerable Groups

Table No. 6.10 shows an overall picture of the type and volume of vulnerable groups and households covered in the SIA study. Most of the households in the directly affected groups are not found to be comparatively better off than those at the indirectly affected group. However there are 87 families belonging to BPL list and 15 families with AAY ration card status indicating the poorest of the poor. Among the vulnerable 12 differently abled persons are also accommodated. There are 37 Scheduled Caste members and 19 Scheduled Tribe members from 11 households. More seriously there are 61 members who are chronically ill among the affected. Thus 129 persons and 102 families of BPL and AAY out of 1774 people affected by the land acquisition for the Sabari Railway belong to vulnerable group.

<b>Table No. 6.10 Vulnerable groups</b>	
<i>Individuals</i>	<i>Frequency</i>
Differently abled	12
Chronically Ill	68
Schedule Caste	38
Schedule Tribe	4
Total	122
<b>Poverty Line Aspects</b>	
BPL families	104
AAY families	19

### 6.13 Ration Card Details

Majority of the households from the affected groups have ration cards with them that enable them to access food grains at subsidized prices. Nevertheless the nature of the cards varied from household to household. Only 116 households from the directly affected group have BPL cards. Majority of the directly affected households, 349 households are with APL

Ration cards. 14 households have the Anthyodaya Anna Yojana cards. 64 landholders did not provide/ not applicable categories.

<i>Village</i>	<i>BPL</i>	<i>APL</i>	<i>AAY</i>	<i>Not Available</i>	<i>Total</i>
Asamanur	36	92	2	19	149
Chelamattom	17	62	1	13	93
Perumbavoor	31	82	6	22	141
Vengur West	24	72	3	6	105
Rayamangalam	0	2	0	0	2
Koovappady	8	39	2	4	53
Total	116	349	14	64	543

#### **6.14. Land Use and Livelihood**

There are a number of residential or commercial structures within the identified project alignment. The land under SIA study now remains cultivated as the people are not sure of the project realization and acquisition. Reports suggest that many of these plots are cultivated as normal land. Paddy and other agricultural products provide a source of income/livelihood to the households who own land at the project site. There are also other activities of livelihood like plywood factory, truck body building workshop, and other shops and establishments.

#### **6.15 Health Conditions: People with Chronic Diseases**

Table No. 6.12 shows the details of the chronically affected. 69 out of the total population 2206 suffer from different chronic illness. Among them there are 12 Cancer patients, 42 CVD cases, 4 Kidney patients, 7 with arthritis, and 3 suffer from hepatitis B. There is one head of the family suffering from Psychological disorders whose house is fully affected. There are a number of other lifestyle diseases and ailments reported by the respondents.

<i>Diseases</i>	<i>Numbers</i>
Cancer	12
CVD	42
Kidney diseases	4
Arthritis	7
Hepatitis B	3
Mental illness	1
Total	69

*An overview of the socio-economic cultural profile of the respondents covered by the present SIA portray that 537 households and their dependents are directly affected by the land acquisition in the project location. A total of 2206 people - 1070 female and 1136male - are affected by the project. There are 38 Scheduled Caste and 4 Scheduled Tribe households*

*who are directly affected. Other Backward Classes families constitute 145. General categories of people constitute to be 377 families. There are 12 differently abled persons. 104 households belong to below poverty line and 19 families within Anthyodaya Anna Yojana (poorest of the poor). Employment/occupation at the government and private sector, business, self employment, and pensions, both service pension and the social security pensions, and casual labour are the major sources of income for the directly affected families and they earn between Rs.1500/- and Rs. 1.2 Lakhs/- per month indicating mixed economic condition of the affected.*

*Majority of these land owners reside in their property at the project site. There are 273 structures including residential, commercial, religious, cultural structures in their property. Majority of the land is primarily agricultural land and still being cultivated now. The income from the cultivation acted as a source of livelihood for these households. Besides it is assumed that cultivation provided casual labour to a number of people facilitating the labourers to earn their livelihood. From the analysis it can be inferred that the directly affected households are of mixed income group. The families who belonged to the BPL list AAY differently abled members, chronically ill persons etc. require additional support and assistance.*

## **CHAPTER 7**

### **PLANNING OF COUNTER – IMPACT IMPLEMENTATION**

#### **7.1 Approaches to Impact Mitigation**

The social counter-impact project has been planned to mitigate the social impact caused in connection with land acquisition. Land / property owners mainly demand for satisfactory/ maximum compensation as they are affected by the acquisition or project. Therefore, what has been proposed as a counter-impact mitigation step is to provide the affected parties in advance a better amount according to the RFCTLARR Act 2013 provisions for their loss of land and properties. It is also imperative to address the social and environmental aspects. As the railway runs across wet land in a number of places, agriculture is affected; irrigation canals, streams and other water sources are cut across, and the land filling work may affect the terrain, etc. All these have to be addressed with counter-impact measures.

#### **7.2 Methods for Negation, Mitigation and Compensation of the Impact**

During the SIA study the team got the feedback from the affected community that they are willing to give their land / property if a fair compensation as per the RFCTLARR Act, 2013 is given without delay. So as per the strict execution of RFCTLARR Act, 2013, make the compensation payment at the appointed time ensuring fairness, transparency, rehabilitation, resettlement and other packages. Give employment opportunities in the railway project to the worst hit and fully affected based on their qualification and merit. Make approach roads and passages/under passages etc. wherever the same is required. Pay attention to social forestry by the sides of the track and left over land to compensate for the trees which are cut while making the track. Make adequate drainage facility and take water flow measures in the plain and wetland area in order to avoid flood and water logging. Make elevated tracks like Metro rail in the paddy fields so that cultivation can be continued and the terrain little affected.

#### **7.3 Measures Included in Rehabilitation and Resettlement**

Compensation as outlined in the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013 shall be provided to the affected. Section 21 (4) of the Act directs that the Administrator for Rehabilitation and Resettlement shall be responsible for the formulation, execution and monitoring of the rehabilitation and resettlement schemes. The proponent also shall clearly and transparently uphold the provisions of the Act and disseminate the compensation for rehabilitation and resettlement

packages as per the Act and as per the directions from the government that come time to time. It includes the land value compensation, properly and fairly assessed structured property values, transportation charges and rent packages etc. for the resettlement, rehabilitation charges and support services respecting the grievances of the affected. etc.

#### **7.4 Measures Requiring Body Has Stated to Introduce to the Project Proposal**

The Requiring Body need to make a separate budget to provide compensation in par with the present money value, inflation and market realities particularly in Kerala. The affected are giving up their valuables and some of them moving away for the benefit of the larger public and their sentiments / emotional attachment to the ancestral property should be considered with at most delicacy. Re-locating and resettling is a painful act and proper counselling and humanitarian considerations must be offered especially to the fully affected.

#### **7.5 Alterations to Project Design to Reduce the Social Impact**

There were a good number of respondents from the affected requested that if the Sabari rail can be made from Kottayam or Chengannur the length and could be reduced. This suggestion has limited scope as the study area is not very far from the main railway line and it can be accessed within a short time. One of the main design alterations suggested by the agricultural land holders, especially paddy field, is that as far as possible to make elevated track in the paddy field, making over-bridges and under-passages wherever required at the time of the construction of railway itself.

#### **7.6 Impact Mitigation and Management Plan**

Based on the desk review, field investigations and consultations undertaken during the social impact assessment study for the Sabari Railway in the Perumbavoor division (Kunnathunadu Taluk), the following Social Impact Mitigation Plan (SIMP) has been developed to mitigate the negative social impact that may arise. The responsibility for the incorporation of mitigation measures into the project implementation lies with the district administration and the proponents. This mitigation plan is addressed to reduce the negative social impact of the acquisition of 44.40.08 hectares of land from 6 villages (Chelamattom, Perumbavoor, Koovappady, Vengur West, Rayamangalam and Asamannoor) of Ernakulam District, the place notified for Sabari Railway Project. The mitigation measures suggested:

<b>Table No. 7.1 Impact Mitigation and Management plan</b>			
<b>Impact</b>	<b>Mitigation Means</b>	<b>Factors to be monitored</b>	<b>Concerned Agency</b>
Delay in land acquisition process and ambiguity regarding project	Carryout the acquisition process with a timeline and avoid any kind of delay. Prepare an acquisition plan of action and publish it.	The process of acquisition and implementation level mechanism and machinery.	Dept of Revenue and the Proponents.
Concern about inadequacy of compensation and price difference between wetland and dry land	To formulate criteria for full compensation; Criteria to be published before hand; To set up Grievance Redressal system	Transparency in compensation Number of complaints about compensation Number of demands to enhance the compensation	Dept of Revenue
Apprehension about rehabilitation and resettlement packages	Disseminate the Packages and provisions fixed by the government	Compensation value reaches Transparently. Package provisions are correct and for the right purpose	Dept of Revenue
Fund insufficient to buy alternative land for the totally affected	Modify the criteria to increase the compensation to buy land in the same locality. Allow exemptions in stamp duty and such things	Number of persons unable to find land. Caution about misuse/middle man if any	Dept of Revenue
Complaint about the delay in the payment of the compensation	Finalise the amount before taking over the land to the Project	Number of affected waiting for the amount even after the taking over is completed	Dept of Revenue
Fear of loss of livelihood.	Provide job opportunities to whose livelihood (evictees) is affected due to the railway project. This is to be considers also in the construction phase.	Support services/ number of applicants and number of affected getting employment.	Concerned Agency/ proponents
Exemptions from the government formalities and regulations / delay.	Initiate a single window services for the evictees and issue them special certificate valid till resettlement completed so that they can get special service from the concerned departments.	Number of evictees applying for each requirement and the status of their applications.	Revenue Department and the Proponents.
Fear of the unaquired land becoming useless.	Prepare a separate plan for acquiring the leftover land which are totally unusable after the acquisition and use for social forestry or similar impact mitigation activities.	Assessment and acquisition process.	Department and the Proponents.



### **7.7 Economic Measures**

- a. The most significant social impact through the implementation of the project at the present location is the loss of property for 537 households and 10 others, totalling 551 landholdings and their dependents. Loss of property and the assets due to acquisition of land for the Sabari Railway should be compensated as mandated by the RFCTLARR Act, 2013 under sections 26-31 and which are listed in the First Schedule of the Act.
- b. It is suggested that during the construction phase, labour from the nearby villages/ the needy among the affected be used depending on its availability.

### **7.8 Environmental Measures**

- a. At the designing phase of the project, care should be given to design eco-friendly buildings/ construction for minimizing the impact on the flora and fauna of the area. Wherever possible make elevated track, so that wetland and heavy mud work/ land levelling can be avoided and terrain status can be maintained without much negative impact.
- b. The construction plan also should include proper drainage to avoid water logging during the monsoon and space/ sketch of the land where social forestry can happen to mitigate the trees cutting down for the track.

### **7.9 Rehabilitation and Resettlement Measures**

The fully affected households must be properly and transparently resettled and fair compensation be given to them for the purchase of required alternate land. Along with the compensation the resettlement package provisions should be made available.

The rehabilitation of the land or property must be handled with utmost care and the sentiments of the affected be respected.

### **7.10 Other measures**

A public redressal mechanism should be instituted at the project site/in the concerned office (Land Acquisition, Perumbavoor Division) to address the concerns of the indirectly affected population during the construction and operational stages of the project

- The Proponent should ensure that preventive measures are taken to address the sanitation and health issues of the workers particularly those who have migrated from other states to the construction sites. Proper residential and sanitation facilities are to be ensured for the migrant workers and they have to be linked to the government health facilities in the vicinity.

- The households in the proposed land who were not accessible to the SIA Unit for consultation, the department should make necessary arrangement for catering to the issues with regards to the acquisition of their property.
- The livelihood of households affected (including the indirectly affected) is to be properly addressed and proper compensation provided for the same, also linking them to schemes or programs that will help them engage in new or the same livelihood even after the acquisition.
- The risks to the safety of employees and the public at different stages of the construction are to be addressed by the concerned agencies.
- A redressal system may be set up with representatives from the Revenue department, Panchayat and the proponent for the speedy settlement of the unanticipated issues that may crop up during various stages of the project as well as at the time of evacuation / demolition.

Comparing / weighing the positive against the negative impacts, it can be easily concluded that the former outweighs the latter reaffirming the identified site as the most suitable and apt one for the Sabari Railway. The loss of ancestral assets households will have its negative impact physically and psychologically. There is displacement of households and negative impact on land, livelihood, and physical resources. Nevertheless, the project is justified as the negative is minimal. It is also observed by the SIA team that many of the negative impacts highlighted above can be minimized or mitigated further with appropriate and effective mitigation measures / strategies mentioned above.

### **7.11 Impact on the Village Life**

There are about 551 households possessing land as well as residing in the Alignment of the Sabari Railway. The Sabari railway project runs through 6 villages (Chelamattom, Perumbavoor, Koovappady, Vengur West, Rayamangalam, and Asamannoor - about 18 km.). The alignment runs through valleys, hills, paddy fields. The railway track will split these areas. It is feared that elevations and cutting across different landscapes will disturb the serenity of village.

## 7.12 Negative Impacts

<b>Table No. 7.2 Negative Impact</b>			
<i>Impact</i>	<i>Direct/Indirect</i>	<i>Temporary/ Permanent</i>	<i>Major/ Minor</i>
Loss of houses and dwelling places	Direct	Permanent	Major
Loss of agricultural land and products	Direct	Permanent	Major
Loss of a source of income for PAF	Direct	Permanent	Major
Loss of Assets (houses buildings stadium)	Direct	Permanent	Major
Loss of factories and industrial units	Direct	Permanent	Minor
Loss of paddy fields	Direct	Permanent	Major
Depletion of water source	Direct& Indirect	Permanent	Major

## 7.13 Positive Impact

Responses highlight that with the establishment of the Sabari railway thorough Kunnathunadu Taluk, the people and the area will have a number of benefits. A few of the major ones cited are:

### 7.13.1 Increase in Pilgrims

All categories (directly/indirectly affected and key informants) of respondents perceived that with the establishment of Sabari Railway, the village, district and state will be earmarked and known at the national and international level as the prominent beneficiaries are the Sabarimala Sree Ayyappa temple pilgrims. Their travel up to Erumeli will be made easy. This could bring in more people to the area and become instrumental in the promotion of tourism in the area.

### 7.13.2 Better Transportation Facilities

With the advent of 111 km. Sabari railway, the transportation facilities will have an immense change which will result in easy accessibility to the area giving a boost to further development of the area. This will provide an opportunity to the high range district, Idukki, which was kept aloof till now, to have railway stations and travel facility. The tourist destinations like Munnar, Peerumed and Parambikulam Wild Life Sanctuary will have more attractions due the proximity of the rail transport. The high range is also known for spices and tea production. The furniture hub in Muvattupuzha, the pineapple hub in Vazhakkulam, the timber factories in Perumbavoor and the rice mills in Kalady, will all get effective and cheaper rail transportation facilities.

### 7.13.3 Allied Economic Activities

Responses of some of the stakeholders suggest that there can be an increase in the economic activities of the area as more hospitality centres including restaurants, lodges and other small scale business enterprises are likely to emerge and become active as time goes by.

### 7.13.4 Convenience for Youngsters and Students

The Sabari railway will make it easy for students and youngsters to commute from home to the nearby towns for job as well as studies. Safer, faster and cheaper transport facility will reduce the road transport blocks and road accidents.

### 7.13.5 Employment Opportunities

The railway operates through centrally administered IRCTC; nevertheless, locals may have better employment opportunities in sectors such as reservation, catering and ancillary related to the railways.

<b>Table No.7.3 Positive Impact</b>			
<i>Impact</i>	<i>Direct / Indirect</i>	<i>Temporary/Permanent</i>	<i>Major/Minor</i>
Safe journey for Pilgrims to Sabarimala Temple and more Income to Devasom Board and Govt. of Kerala	Direct	Permanent	Major
Tourism promotion	Direct & indirect	Permanent	Major
Creation of employment opportunities	Direct & indirect	Permanent	Major
Better transportation & Business Promotion	Direct & indirect	permanent	Major
Safer transport and accessibility to the Cities	Direct & indirect	Permanent	Major
Support to industrial units	Direct & Indirect	Permanent	Major

### 7.13.6 Initiation of Small Scale Industries and Start-ups

It is anticipated that in the long run there is every possibility that more startups and small scale industries are initiated in the area and in other parts of the district and state increasing the employment and economic opportunities.

## CHAPTER 8

### SOCIAL IMPACT MANAGEMENT PLAN INSTITUTIONAL FRAMEWORK

Following the desk studies, field investigations and public consultations undertaken in this study, a Social Impact Mitigation Plan (SIMP) has subsequently been developed. The SIMP provides a general outlay of the social aspects, potential impacts and mitigation measures. The responsibility for the incorporation of mitigation measures for the project implementation lies with the Institutional Framework and Key persons designated by the Government for the said purpose in accordance with the Sub-section (1) of section 44 of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Central Act 30 of 2013).

#### **8.1 Institutional Structures & Key persons**

The Government of Kerala has set up a well-established institutional frame work for the implementation of social impact mitigation/management plan (SIMP) and to perform the functions under the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013.

The Kerala State Policy for Compensation and Transparency in Land Acquisition published as per G.O. (Ms) No.485/2015/RD, dated 23/09/2015 constituted a **State level Empowered Committee** with its members as Chief secretary, Revenue secretary, Secretary of the Administrative department, Law secretary and Finance secretary to perform the functions designated to them in relation to RFCTLARR.

As per the same policy at the **district level a Fair Compensation, Rehabilitation and Resettlement Committee with its members as** District Collector, Administrator for resettlement and rehabilitation, Land Acquisition officer, Finance Officer, Representatives of the requiring body to take financial decisions on its behalf and Representatives of Local Self-Government Institution has been set up to undertake various functions under the Act.

The **Administrator** in the committee appointed in line with sub-section (1) of section 43 of Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act' 2013 (Central Act 30 of 2013), is responsible for the rehabilitation and resettlement formulation' execution and monitoring of the rehabilitation and resettlement scheme in respect of land acquisition. Government of Kerala as per G.O. (P) M. No. 590/2015/RD dated 11 November 2015 has appointed the Deputy Collector (Land Acquisition) in each District as the Administrator for rehabilitation and resettlement for

performing the functions under the said Act and rules made there under in respect of the persons who are involuntarily displaced due to acquisition of land'

Besides, as per G. O. (P) M. 589/2015/RD dated 11 November 2015, has appointed the Land Revenue commissioner as the Commissioner for Rehabilitation and Resettlement in accordance with sub-section (1) of section 44 of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Central Act 30 of 2013), for supervising the formulation of Rehabilitation and Resettlement scheme or plans, proper implementation of the same and to carry out post-implementation of social audit.

At the district level as per G O. (P) No.649/2015/RD dated 4 December 2015, the Government of Kerala in exercise of the powers conferred by clause (g) of Section 3 of Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Central Act 30 of 2013), r/w sub-rule (1) of rule 3 of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement (Kerala) Rules, 2015 has appointed Special Tahsildar LA Perumbavoor & Deputy Collector LA Ernakulam to perform any one or more functions of a Collector under the said Act within the area specified in column (3) thereof and authorized them, their servants and workmen to exercise the powers conferred by section 12 in respect of any land within their respective jurisdiction for the acquisition of which a notification under sub-section (1) section 11 of the above Act.

The district level committee is mandated to ensure finalization of Fair compensation and appropriate Resettlement and Rehabilitation package and Mitigation measure and its proper implementation from the construction phase onwards.

## CHAPTER 9

### SOCIAL IMPACT MANAGEMENT PLAN MONITORING AND EVALUATION

#### **Introduction**

Monitoring is a long-term process, which should begin from the initiation of the project and should continue throughout the life of the project. Its purpose is to establish benchmarks so that the nature and magnitude of anticipated social impacts can be continually assessed. Monitoring involves the continuous or periodic review to determine the effectiveness of recommended mitigation measures. The types of parameters that can be monitored may include mitigation measures or design features, or actual impacts. However, other parameters, particularly those related to socio-economic and ecological issues can only be effectively assessed over a more prolonged period of time.

The Government of Kerala in accordance with the State Policy for Compensation and Transparency in Land Acquisition frame in connection with the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Central Act 30 of 2013), has established district and state level mechanisms for reporting and monitoring the land acquisition process and the implementation of various social mitigation measures. It includes the following:

At the state level as per G. O. (P) M. 589/2015/RD dated 11 November 2015, *the Land Revenue commissioner appointed as the Commissioner for Rehabilitation and Resettlement* in accordance with sub-section (1) of section 44 of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Central Act 30 of 2013), is responsible for supervising the formulation of Rehabilitation and Resettlement scheme or plans, proper implementation of the same and carrying out post-implementation of social audit.

At the district level, the **Administrator** appointed in line with sub-section (1) of section 43 of Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act' 2013 (Central Act 30 of 2013), is responsible for the rehabilitation and resettlement formulation' execution and monitoring of the rehabilitation and resettlement scheme in respect of land acquisition. Government of Kerala as per G.O. (P) M. No. 590/2015/RD dated 11 November 2015 has appointed the Deputy Collector (Land Acquisition) of Ernakulam District as the Administrator for rehabilitation and resettlement for performing the functions under the said Act and rules made there under in respect of the persons who are involuntarily displaced due to acquisition of land.

Besides, the *Fair Compensation, Rehabilitation and Resettlement Committee at the district level* and *State Level Empowered Committee* is authorized to ensure finalization, implementation and monitoring of the compensation, rehabilitation & resettlement package and mitigation measures.

The District level committee is expected to finalize the fair and reasonable price of land and compensation along with the Rehabilitation and Resettlement package to be given to the affected person/family. The committee shall ensure that eligible affected family is given Rehabilitation & Resettlement as envisaged in the second and third schedule of the Act.

The state level empowered committee is expected to approve or return the estimate prepared and submitted by the District level Fair compensation, Resettlement and Rehabilitation committee with suggestions/observations.



## **CHAPTER 10**

### **SOCIAL IMPACT MANAGEMENT BUDGET AND FINANCING OF MITIGATION PLAN**

#### **10.1 Costs of all Resettlement and Rehabilitation**

The cost of all resettlement and rehabilitation is calculated by the revenue department and the concerned sections of the district administration assigned for the same.

#### **10.2 Annual Budget and Plan of Action**

To be worked out and managed by the Revenue Department

#### **10.3 Funding Sources with Break Up**

Government of India/ Government of Kerala (Revenue Department)

## CHAPTER 11

### SIA: STAKEHOLDER VIEWS AND OPINIONS

#### Introduction

Beyond numbers and figures the qualitative study during the Social Impact Assessment has brought out much valuable information and many practical suggestions regarding the project implementation and mitigation of the adverse impact. The SIA team approached personally each individual land holder and other stakeholders like Member of Parliament, Member of Legislative Assembly, elected representatives of the local bodies from the target area, and district administrative officials and representatives of various departments. The views and suggestions of these respondents are highlighted here.

#### 11.1 Impact on Environment

<b>Table No. 11.1 Negative Impact on Environment</b>				
<i>Village</i>	<i>Yes</i>	<i>No</i>	<i>NA/NR</i>	<i>Total</i>
Asamanur	110	38	1	149
Chelamattom	74	16	3	93
Perumbavoor	103	29	4	136
Vengur West	85	18	2	105
Rayamangalam	2	0	0	2
Koovappady	36	10	6	52
Total	410	111	16	537

Table No. 11.1 shows that 410 out of 537 households who were approached for their views and suggestions opined that the Sabari Railway project will have serious negative impact on the environment. Only 111 landholders agreed that the project will not make any serious negative impact on the environment. 16 land holdings come under the *Not Applicable* category.

According to the landholders the environment is affected in the following ways:

- Depletion of water sources
- Reduction of agriculture and wetland
- Pollution of air
- Destruction of social forest and greenery imbalance
- De-balancing of soil and landscape
- Water logging and flood

#### 11.2. Impact on Community Life

As per Table No. 11.2, majority of the households 340 expressed that their community life will not be affected. 181 householders stated that their community life will be affected.

<i>Village</i>	<i>Yes</i>	<i>No</i>	<i>Not Applicable</i>	<i>Total</i>
Asamanur	52	96	1	149
Chelamattom	26	64	3	93
Perumbavoor	58	74	4	136
Vengur West	29	74	2	105
Rayamangalam	2	0	0	2
Koovappady	14	32	6	52
Total	181	340	16	537

The concerns of the latter are:

- Loss of neighbourhood
- Change in social life
- Social isolation
- Departure from place of birth (Migration)

### 11.3 Impact on the Economy of the Area

<i>Village</i>	<i>Yes</i>	<i>No</i>	<i>Not Applicable</i>	<i>Total</i>
Asamanur	79	69	1	149
Chelamattom	54	36	3	93
Perumbavoor	48	84	4	136
Vengur West	42	61	2	105
Rayamangalam	2	0	0	2
Koovappady	26	20	6	52
Total	251	270	16	537

Table No. 11.3 shows the economic impact on the area. 270 replied that there won't be any positive impact on the economy of the area due to the establishment of the railway transport. The reasons stated are destruction of the agricultural land and the consequent depletion in income from cultivation and the decrease in the land price. 251 respondents replied that there will be economic growth in the area with growth in business. 16 land holders are in the *Not Applicable* category.

### 11.4 Benefit to Youth

<i>Village</i>	<i>Yes</i>	<i>No</i>	<i>Not Applicable</i>	<i>Total</i>
Asamanur	54	94	1	149
Chelamattom	31	59	3	93
Perumbavoor	56	76	4	136
Vengur West	43	60	2	105
Rayamangalam	2	0	0	2
Koovappady	27	18	6	52
Total	214	307	16	537

Table No. 11.4 shows whether the project will benefit the youth. 307 respondents said 'No' while 214 respondents said 'Yes'. Not applicable and *No* responses are 16. The positive reasons stated are:

- Increase in the transportation facilities
- Creation of more job opportunities
- Scope for start-ups in the area

### 11.5 Impact on the Development of the Area

<i>Village</i>	<i>Yes</i>	<i>No</i>	<i>Not Applicable</i>	<i>Total</i>
Asamanur	53	95	1	149
Chelamattom	14	76	3	93
Perumbavoor	35	97	4	136
Vengur West	28	75	2	105
Rayamangalam	0	2	0	2
Koovappady	17	29	6	52
Total	147	374	16	537

As per Table No. 11.5 on the development of the area 374 respondents stated that there will not be any special development in the area due to the arrival of Sabari Railway. But at the same time 147 respondents said that it will boost the development of the area. The reasons stated are:

- Benefit to farmers
- Development in business
- Growth in the industrial sector
- Support for import and export
- Better transport facilities

### 11.6 Major Impact of the Project

Table No. 11.6 shows that majority (322) of the respondents do not expect any benefit from the Sabari railway project while 199 respondents expect benefit from the Sabari Railway.

<i>Impact</i>	<i>Majority</i>	<i>Yes</i>	<i>No</i>	<i>NA</i>	<i>Total</i>
Benefit Expectation	No	199	322	16	537
Environment	Yes	380	141	16	537
Community Life	No	192	329	16	537
Local Economy	No	239	282	16	537
Benefits to Youth	No	222	299	16	537
Local Development	No	159	362	16	537

At the same time 380 of the total respondents 537 agreed that there will be negative impact on the environment due to the implementation of the project. Only 141 respondents stated that there will not be much negative impact on the environment. Regarding the impact on the present community life 329 respondents agreed that their community life will be affected while 192 respondents said it will not be affected. At the same time only 282 respondents stated that there will not be any positive impact on the local economy while 239 respondents stated that there will be positive impact on the local economy. Only 222 respondents expect benefit for the youth by the Sabari Railway while 299 respondents do not expect any benefit to youth. More importantly 362 respondents do not think that the Sabari railway will bring any development to the local area and 159 respondents think otherwise.

### 11.7 Opinion about Benefits

<i>Benefits</i>	<i>Yes</i>	<i>No</i>	<i>NR/NA</i>	<i>Total</i>
Increase in the employment opportunities	267	210	60	537
Decrease in the travel distance and increase in the transport facilities	282	207	48	537
Enhancement of the scope of trade & marketing	194	299	44	537
Increase in the market value of the land	96	385	56	537
Growth in the real estate	87	396	54	537
Better health and education due to the easier access to cities	242	246	49	537
Increase in income by way of rent	113	362	62	537
No benefit	163	316	58	537

Table No.11.7 shows the response of the affected about benefits expected from the Sabari Railway Project. Respondents were given the option to tick ‘Yes or No’ against each. 267 respondents stated that there will be increase in the employment opportunities. 282 respondents stated that the travel distance will decrease and there will be increase in the transport facilities. 194 respondents stated that Sabari railway project will enhance the scope of trade & marketing. Only 96 respondents stated that there will be increase in the market value of the land. 87 respondents stated that there will be growth in the real estate. 242 respondents stated that there will be access to better health and education due to the easier access to cities. Only 113 respondents stated that there will be increase in the rent income when the project is implemented. 163 respondents stated that the Sabari Rail Project has no benefit at all. Total respondents were 537 and there were many who did not respond at all.

### 11.8 Opinion about Defects

Table No. 11.8 shows the response of the affected about defects anticipated on different aspects from the Sabari Railway project. The response shows that most of the

affected have negative opinion. The benefits and defects tables show that the respondents are not very optimistic about the project. It was observed during the time of interviews and discussions that people in the area do not happily welcome the Sabari railway project.

<i>Defects</i>	<i>Response</i>
Loss of fertile cultivable land	398
Threats to the remaining land	404
Problems by miscreants from other states	271
Rush and overcrowding	152
Danger of epidemics	335
Increase in rent (expense)	164

398 responses say that their fertile cultivable land will be lost. 404 respondents state that the remaining land cannot be used and they see it as a challenge. 271 respondents stated that there will be miscreant problem from outsiders. 152 of the response shows that there will not be any rush or overcrowding due to the project. 335 of them responded that there will be chances of epidemics due to the project. Only 164 of the respondents responded that expense by way of rent will increase.

### **11.9. Village Wise Overall Opinion about the Project**

Opinions	Chelamattom	Perumbavoor	Koovappadi	Vengur West	Rayamangalam	Asamannur	Total
Implement the project immediately	20	68	31	28	1	85	233
Better Compensation	36	69	29	37	0	73	244
Acquire the remaining land become useless	7	8	11	4	0	10	40
No issues	37	15	4	25	1	32	114
Change the alignment	5	9	2	4	0	4	24
Total	105	169	77	98	2	204	655

Table No. 11.9 shows the overall opinion of the affected about the project. 233 demand immediate implementation of the project. 244 demanded better compensation while 40 requested for acquisition of the remaining unusable land. 114 owners stated that they have no issues regarding the acquisition. 24 demanded change of the alignment.

### 11.10. Suggestions for Mitigation of Impact

<b>Table No. 11.10 Suggestions for Mitigation</b>	
<b>Recommendations (N-537)</b>	<b>Response</b>
Provide Effective Resettlement to Fully Affected	189
Special Monetary Compensation to vulnerable	242
Job for the Affected Family Members	380
Rain Water Harvesting Storage System	114
Eco Friendly Construction Settings	270
Social Forestry	145

Table No. 11.10 shows the suggestions made by the respondents for mitigation of the negative impact of the project. 189 respondents suggested effective resettlement of the fully affected. 242 suggested special compensation for the vulnerable. Only 380 asked for job for the affected family. 270 asked for eco-friendly constructions and 145 for social forestry.

### 11.11. Main suggestions and feedback of the Respondents

- Acquire the land completely; otherwise the leftover/ balance land will be useless for the land holder.
- Acquire the land and provide compensation as early as possible or recall the project.
- Offer effective resettlement.
- Provide better compensation for land and property.
- Provide employment to the affected family members.
- Give up the project or look for alternate alignment because there is no benefit from this project.
- Make better drainage system during the construction to avoid water logging.
- Address the financial crises in families due to the delay in acquisition and the consequent disruption of transactions.
- Provide better rehabilitation to the affected.
- Establish good waste management system.
- Solve the problem of revenue recovery – acquire the land or stop the revenue recovery.
- House fully affected, husband has psychological Disability expect special help.
- Can't do any maintenance in the houses as the land holders are not sure whether the project will come true.
- Wherever roads are cut off from the land due to the railway track there should be approach roads/over bridges making accessibility to the remaining land.
- Not willing to give up land
- Allow the balance wet land to be converted as dry land.

- *Prana pratishtha* (to provide money to change the *naga kavu*) and such resettlement of the place of worship with due respect and ceremony.
- As the implementation of the project may cause water scarcity and harm the paddy cultivation alternative steps must be undertaken.
- Change the railway alignment to Kottayam – Erumeli instead of Angamali- Erumeli.
- Ensure drinking water facility.
- As the main source of income is being lost, provide support for alternate income source.
- Environmental pollution.
- Extend the railway line beyond Sabarimala.



## **CHAPTER 12**

### **ANALYSIS OF COSTS AND BENEFITS AND RECOMMENDATION ON ACQUISITION**

#### **12.1 Benefits**

The Sabari Railway is significant for the pilgrims of Sree Ayyappa Temple at Sabarimala – a pilgrim centre of national importance - in Kerala. Its construction is a positive landmark in the history of Sabarimala. Through this venture Sabarimala temple will be placed high on the national map furthering its status as a pilgrim centre of national importance. As more than six core pilgrims visit Sabarimala annually their commutation via road has many risks due to frequent road accidents and loss of life. So travel by train will be more comfortable and safer for the pilgrims.

The 111 km railway between Angamali and Erumeli provides several indirect benefits too. It is significant for the development of three districts (Ernakulam, Idukki and Kottayam) of Kerala as they are expected to gain safer transportation facilities. It will effectively provide railway stations for a number of towns and seven municipalities. With the Project, Idukki District will get railway stations for the first time. This can reduce road traffic and thereby check road accidents and death rate thereof. Economic and development activities may flourish due to the project in these three districts. The Sabari Railway also will be a boost to the Timber industries in Perumbavoor area, the rice mills concentrated in Kalady-Perumbavoor, the furniture hub in Nellikuzhi-Kothamangalam, and the pineapple hub in Vazhakkulam-Muvattupuzha area. This project will enrich the tourist destinations of Munnar, Parambikulam, Thekkadi, etc. by the proximity of railway stations and transport facilities. The Sabari Railway will be instrumental in accelerating the industrial growth of the area and the emergence of new small scale industries. As transportation becomes affordable it can enhance employment opportunities of the locality.

#### **12.2 Challenges**

The most significant challenges of the project are: resettlement of 168 houses, reconstruction of other structures, and providing for the affected landholdings including livelihood and agricultural land.

### **12.3 Recommendations**

Acquisition of the 44.40.08 hectares of land for which the SIA study has been done is inevitable for Sabari Railway as it is part of the 111 km railway line from Angamali to Erumeli. The Railways is one of the largest public sectors of India. Therefore the Sabari Railway comes under the category of ‘public purpose’ according to section 2 (1) of the Right to Fair Compensation and Transparency in Land Acquisition Rehabilitation and Resettlement Act 2013. By this Act the government is authorized to acquire any land for the concerned purpose by adhering to the due compensation rehabilitation and resettlement measures as provided in the Act of 2013.

The study observations, discussions, and interactions with various stakeholders especially the aggrieved parties did not yield a unanimous response with regard to the Sabari Railway but most of them were agitated about the enormous delay in the acquisition process. Though the affected have disagreement about losing their land or structures they were convinced about the need of sacrificing their own interest for the sake of national and local development.

The SIA team is unanimous in the recommendation that the Sabari Railway is important for the development of the area, the pilgrims who visit Sabarimala every year from far and wide, and the income it can bring to the state. But as there are serious concerns, the notified land is to be acquired after providing due compensation as per the RFCTLARR Act 2013. However the proponent is suggested to balance environmental and social considerations and benefits through the implementation of the proposed mitigation measures including reservation of employment opportunity at the rate of one person per affected family as their alienated land/property is the most valued asset in a state where landless families are on the increase and those who are displaced will be deprived forever. The Government needs to ensure that the affected community especially those who have to be resettled are exempt from the stamp duty for registration when they purchase new land instead of the government acquired land.

***Note: The data provided in the report are based on the information given by the respondents. The supporting documents need to be verified.***

Annexure 1

സി12-66731/16

ഭരണഭാഷ - മാതൃഭാഷ

കളക്ടറേറ്റ്, എറണാകുളം  
തീയതി : 08.03.2018

ജില്ലാ കളക്ടർ  
എറണാകുളം.

സ്വീകർത്താവ്

ഡെപ്യൂട്ടി കമ്മീഷണർ (എൽ.എ),  
റെയിൽവേ,  
പെരുമ്പാവൂർ.

സർ,

വിഷയം :- അങ്കമാലി-ശബരി റെയിൽ പ്രോജക്ട് SIA പഠനം-  
നോട്ടീഫിക്കേഷൻ -പാസ്യപ്പെടുത്തുന്നത് - സംബന്ധിച്ച്.

സൂചന :- സർക്കാർ ഉത്തരവ് GO(P)6/18/RD dt. 17.1.18

\*\*\*\*\*


സൂചന കണ്ടാലും, അങ്കമാലി -ശബരി റെയിൽ പ്രോജക്ടുമായി ബന്ധപ്പെട്ട് കനത്തനാട് താലൂക്കിൽപ്പെട്ട ചേലാമറ്റം, പെരുമ്പാവൂർ, കൂവപ്പടി വില്ലേജിൽപ്പെട്ട 18.37.28 ഹെക്ടർ സ്ഥലത്തിന്റെ അക്വിസിഷനുവേണ്ടി പ്രസിദ്ധീകരിക്കേണ്ടതായ നോട്ടീഫിക്കേഷൻ ഇതോടൊപ്പം ചേർക്കുന്നു. നിയമം അനുശാസിക്കുന്ന എല്ലാ സ്ഥലങ്ങളിലും ബന്ധപ്പെട്ട നോട്ടീഫിക്കേഷൻ പ്രസിദ്ധീകരിക്കേണ്ടതും ടി വിവരം ഇതിനോടൊപ്പം ചേർത്തിട്ടുള്ള നിശ്ചിത മാതൃകയിൽ തയ്യാറാക്കി 31.3.18 തീയതിക്കു മുമ്പായി ഈ ഓഫീസിൽ സമർപ്പിക്കേണ്ടതാണ്.

വിശ്വസ്തയോടെ,

  
ഡെപ്യൂട്ടി കളക്ടർ (എൽ.എ)

- പകർപ്പ്- 1) Director, Don Bosco,  
Arts & Science College, Angadikadavu,  
Kannoor( SIA study നടത്തി നിശ്ചിത കാലയളവിൽ തന്നെ റിപ്പോർട്ട് സമർപ്പിക്കേണ്ടതാണ്.)
- 2) ഡെപ്യൂട്ടി കമ്മീഷണർ എഞ്ചിനീയർ,  
കൺസ്ട്രക്ഷൻസ് II,  
സന്തേൺ റെയിൽവേ, എറണാകുളം,

T3



**GOVERNMENT OF KERALA**

No: B1/316/2017-REV
 
 Revenue (B) Department  
 Thiruvananthapuram,  
 Dated: 20/02/2018

From: Additional Chief Secretary to Government  
 To: The District Collector  
 Ernakulam.

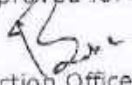
Sir,

Sub: Revenue Department - Angamali - Sabari Railway Line - SIA  
 study-Notification-reg.

Ref: G.O(P) No.6/2018/RD dated 17/1/2018.

I am to forward herewith a copy of G.O(P) No.6/2018/RD dated 17/1/2018 entrusting Don Bosco Arts & Science College, Kannur to conduct SIA study with regard to the acquisition of land for Angamaly - Sabari Railway Line in Ernakulam district for information and necessary action.

Yours Faithfully,  
**JAFFERKHAN S**  
**UNDER SECRETARY**  
*For Additional Chief Secretary to Government.*

Approved for Issue,  
  
 Section Officer.

©  
കേരള സർക്കാർ  
Government of Kerala  
2018



Regn. No. KERBIL/2012/45073  
dated 5-9-2012 with RNI  
Reg. No. KL/TV(N)/634/2015-17

**കേരള ഗസറ്റ്**  
**KERALA GAZETTE**  
**അസാധാരണ**  
**EXTRAORDINARY**

ആധികാരികമായി പ്രസിദ്ധപ്പെടുത്തുന്നത്  
**PUBLISHED BY AUTHORITY**

വര്യം : Vol. VII	തിരുവനന്തപുരം, ബുധൻ Thiruvananthapuram, Wednesday	2018 ജനുവരി 31 31st January 2018	നമ്പർ } No. } 199
		1193 മകരം 17 17th Makaram 1193 1939 മാഗ്ഗ് 11 11th Magha 1939	

**GOVERNMENT OF KERALA**

**Revenue (B) Department**

**NOTIFICATION**

G. O. (P) No. 6/2018/RD.

*Dated, Thiruvananthapuram, 17th January, 2018.*

**RULES**

**S. R. O. No. 63/2018.**—WHEREAS, it appears to the Government of Kerala that the land specified in the Schedule below is needed or likely to be needed for a public purpose, to wit for the land acquisition for Angamaly-Sabari Railway line;

32/349/2010/S-15.

AND WHEREAS, in exercise of the powers conferred in sub-section (1) of section 4 of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (Central Act 30 of 2013), Government of Kerala have decided to conduct a Social Impact Assessment in the area specified in the schedule below;

Now, THEREFORE, sanction is accorded to the District level Social Impact Assessment Unit, Don Bosco Arts and Science College, Angadikkadavu, Kannur District to conduct a Social Impact Assessment Study and to prepare a Social Impact Management Plan as provided in the Act. The process shall be completed within a period of four months, not exceeding five months in any case.

SCHEDULE

District—Ernakulam.

Taluks—Kothamangalam/ Muvattupuzha.	Village or Amsom and Desom— Eramalloor, Kothamangalam, Mulavar, Velloorkunnam, Muvattupuzha, Manjallur.
--	--

(The extent given is approximate)

Sl. No.	Survey Nos.	Description	Extent in Hectares
(1)	(2)	(3)	(4)
1	236, 237, 251, 252, 253, 256, 267, 269, 266, 270, 271, 272, 283, 289, 290, 292, 293, 294, 295, 327, 349, 350, 351, 353, 355, 356, 357, 358, 359, 360, 361, 408, 409, 410	Eramalloor Village	21.69.00
2	1282, 1283, 1276, 1277, 1294, 1318, 1319, 1337, 1339, 1340, 1342, 1364, 1367, 1368, 1369, 1399, 1400, 1401, 1415, 1417, 1418, 1421, 1428, 1427, 1433, 1434, 1435, 1436, 1452, 1453, 1454, 1455, 1456, 1461, 1467, 1458, 1462, 1471, 1472	Kothamangalam Village	13.99.80

(1)	(2)	(3)	(4)
3	1217, 1218, 1219, 1221, 1220, 1230, 1231, 1234, 1235, 1236, 1237, 1238, 1279, 1285, 1286, 1287	Mulavur Village	04.71.00
4	880, 881, 890, 891, 892, 893, 894, 259, 866, 867, 895, 896	Velloorkunnam	03.14.00
5	141, 142, 147, 409, 128, 130, 132, 134, 135, 136, 137, 139, 140, 37, 38, 42, 43, 45, 46, 48, 55, 1, 2, 19, 39, 40, 41	Muvattupuzha	16.79.80
6	169, 171, 173, 178, 179, 180, 181, 182, 183, 186, 189, 192, 193	Enanallur Village	04.19.00
7	176, 180, 181, 182, 183, 184, 197, 198, 200, 203, 212, 160, 161, 165, 169, 170, 171, 172, 173, 174, 498, 499, 500, 501, 502, 503, 504, 509, 510, 512, 513, 514, 515, 516, 533, 534, 536, 538, 539, 540, 542, 543, 545, 639, 640, 641, 642, 645, 646, 785, 549, 550, 635, 10, 11, 12, 14, 15, 16, 20, 21, 23, 31, 533, 551, 553, 554, 555, 556, 557, 564, 565	Manjallur Village	22.70.80
Total			87.23.40

4

## SCHEDULE

District—Ernakulam.

Taluk—Kunnathunadu.

Village or Ansom and Desom—  
Perumbavoor, Koovappady,  
Vengur West, Asamanur,  
Rayamangalam.

(The extent given is approximate)

Sl. No.	Block No.	Survey Nos.	Description (Village)	Extent in Ares/Hectares
(1)	(2)	(3)	(4)	(5)
1	18	300, 302, 303, 304, 305, 306, 307	Perumbavoor	00.70.00
2	9	411, 422, 423, 424, 428, 429, 430	Koovappady	00.72.00
3	17	158, 159, 166, 167, 170, 171, 172, 180, 181, 182, 183, 184, 185, 186, 188, 189, 191, 193, 194, 195, 221, 223, 224, 225, 226, 228, 229, 241, 242, 320, 321, 322, 329, 330, 331, 335, 336, 337, 338, 339, 340, 386, 388, 389, 399, 400, 401, 409, 414, 415, 416, 417, 419, 420, 421, 422, 423	Vengur West	06.63.00



~~REVISION REV. 21/3/16/0017 REV~~

5

(1)	(2)	(3)	(4)
4	14, 2, 3, 54, 55, 56, 57, 58, 60, 61, 62, 64, 65, 66, 77, 78, 79, 81, 82	Asamanur	17.40.80
5	15, 10, 11, 12, 13, 19, 20, 21, 22, 23, 27, 40, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 57, 58, 59, 60, 77, 78, 79, 87, 88, 89, 91, 106, 107, 108, 109, 110, 111, 114, 115, 124, 125, 126, 127, 128, 129, 130, 132, 133, 134		
6	16, 239, 240, 241	Rayamangalam	00.57.00
Total			26.02.80

SCHEDULE

District—Ernakulam.

Taluk—Kunnathunadu.

*Village or Amsom and  
Desom—Chelamattom,  
Perumbavoor, Koovappady.*

*(The extent given is approximate)*

Sl. No.	Survey Nos.	Description	Extent in Hectares
(1)	(2)	(3)	(4)
1	54, 63, 64, 65, 66, 67, 68, 78, 79, 80, 81, 88, 89, 97, 100, 333, 341, 343, 344, 345, 346, 347, 348, 349, 364, 366, 367, 383, 384, 385, 386, 387, 388, 389, 390, 391, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 411, 436, 444, 445, 446, 447, 449, 450, 451, 452, 453, 455, 456, 457, 458, 470, 474, 475, 482	Chelamattom	04.62.54
<b>33/349/18</b>			

6

(1)	(2)	(3)	(4)
2	9, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 36, 98, 99, 100, 101, 136, 138, 139, 296, 298, 300, 301, 392, 303, 304, 305, 411	Perumbavoor	08.82.24
3	306, 307, 308, 309, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 401, 402, 404, 405, 406, 407, 408, 409, 410	Koovappady	04.92.50
Total			18.37.28

By order of the Governor,

P. H. KURIAN,  
Additional Chief Secretary to Government.

#### Explanatory Note

(This does not form part of the notification, but is intended to indicate its general purport.)

The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Rules has come into force on 19-9-2015 and as per rule 10 notifying a Social Impact Assessment Unit for conducting Social Impact Assessment Study is required. Requisition has been received for acquiring 131.6348 Hectares of land comprised in various villages of Emakulam district for the implementation of Angamali-Sabari Railway line.

The notification is intended to achieve the above object.

File No.REV-B1/606/2018-REV



## GOVERNMENT OF KERALA

Revenue (B) Department

No REV-B1/606/2018-REV

11/01/2019, Thiruvananthapuram

From  
Additional Chief Secretary to Government

To  
District Collector,  
Ernakulam

Fr Thomas Koonan  
Head, Dept of Social Work,  
Don Bosco Arts & Science College,  
Angadikadavu, Kannur 670706

Sir,

Sub: Revenue Department - Acquisition of land for Angamaly - Sabari Railway line  
- Reg

Ref: 1. Draft SIA report submitted by Don Bosco Arts & Science College on  
16.11.18  
2. Video Conference convened by Chief Secretary on 03.01.18 to review the  
progress of major land acquisition in the State

Inviting attention to the reference cited, it is informed that the Video Conference convened by Chief Secretary on 03.01.18 to review the progress of major land acquisition in the State had observed that preliminary notification to acquire land by invoking the provisions contained in Railway Act, 1989 has not been issued and hence decided to continue the acquisition of land for Angamaly - Sabari railway line by invoking the provisions contained in LARR Act, 2013.

In the circumstances the SIA agency Viz. Don Bosco Arts & Science College is directed to conduct public hearing and submit the final SIA report with regard to the extent of 40.40.08 Hectares covering the villages of Perumbavoor, Koovappady, Vengur West, Asamanur, Rayamangalam and Chelamattom in Kunnathunadu Taluk for Angamaly - Sabari railway line within a period of two months.

Further the SIA agency is also directed to complete the SIA study covering the balance extent of 87.23.40 Hectares covered in Eramallor, Kothamangalam, Mulavur, Vellorkunnam, Muvattupuzha and Manjallur Villages under Kothamangalam -

File No.REV-B1/606/2018-REV

Muvattupuzha Taluks within a period of 3 months and submit the SIA report immediately to Govt.

It is reiterated that in case the SIA agency fail to submit the final report within the stipulated time action will be initiated to exclude the said agency from the empanelled list.

Yours Faithfully,  
**JAFFERKHAN S**  
**UNDER SECRETARY**  
For Additional Chief Secretary to Government


Approved for Issue,

Signature Not Verified  
Section Officer  
Digitally signed by  
BINU VARGHESE  
Date: 2019.01.11  
16:46:22 IST  
Reason: Approved

Annexure 2**SIA Team**

SN	Name	Designation	Qualification & Experience
1	Fr. Dr. Thomas Koonan	Director	PhD in Sociology with several decades experience in administrative, academic and developmental sectors
2	Sebastian K V	Team leader	MSW M. Phil 25 years of experience in the Development sector including research project and M&E
3	Zavierkutty Francis	Coordinator	MSW in Social Work with 30 years of experience in Development Sector
4	Ms. Nimisha	Gender Consultant	MSW in Social Work 3 years of experience in academic and women related issues
5	Dr. Saju Paracka	Consultant	PhD in Social Work with several decades experience in research project planning and implementation in Research and Development Sectors
6	Santhosh Chacko	Field Coordinator	MSW
7	Saumya	Team Member	MSW
8	Anju Baby	Team Member	MSW
9	Anitte Mathew	Team Member	MSW
10	Sachin Baby	Team Member	MBA
11	Mariya Tom	Team Member	MSW
12	Jyothis K Johny	Team Member	BSW
13	Arjun KT	Team Member	BSW
14	Melbin Mathew	Team Member	BSW
15	Christo Joseph	Team Member	BSW
16	Lijith CS	Team Member	BSW

### Annexure 3: Interview Schedule for the Key Informants

		<p style="text-align: center;"><b>SOCIAL IMPACT ASSESSMENT</b>  <b>LA FOR ANGAMALY – SABARI RAILWAY LINE</b>  <b>Kunnathunadu Taluk in Perumbavoor Division Ernakulam District</b>  <b>by</b>  <b>Don Bosco Arts and Science College</b>  <b>Angadikadavu, Iritty, Kannur – 670706</b>  <i>Interview Schedule for the Key Informants</i></p>	
	Interviewer		
	Date of Interview		
1	Name of the respondent		
2	Contact Telephone and Email		
3	Designation		
4	Duration in that designation		
5	Age		
6	Gender	Male:	Female:
7	Do you favour (are you positive about) the establishment of the Sabari Railway? Yes/No Cite reasons:		
8	How will the coming of the railway in the area benefit the people and community? (positive impact)		
9	Will the establishment of the project affect the economic activities in the area/ and if yes, how?		
10	Will it affect the environment - the water resources/pastures etc. : Yes      No If yes, how?		
11	What are the anticipated challenges/problems that will be encountered by the community and the residents with the establishment of the Railway during its various phases:  Construction stage:  Operation stage:		
12	What are your suggestions to mitigate the negative impact of the establishment on the people and the area?		
13	How to ensure the proper execution of the mitigation and rehabilitation measures?		
14	What are your suggestions to speed up the project completion and resolve the anguishes of the affected?		


Signature of the Respondent:

Signature of the Supervisor:

#### **Annexure 4: List of Key Informants Contacted and Interacted**

1. Mr Jose M P, District Collector, Ernakulam
2. Ms Asha Sanil, District Panchayath President, Ernakulam
3. Ms Sheeba S, Manager, District Industries Centre, Ernakulam
4. Mr B A Abdul Muthalib, Vice President, District Panchayath, Ernakulam
5. Mr K P Varghese, Vice President, Block Panchayth, Koovapapdi
6. Mr Sabu K Issac, Tahsildar, Kunnathunadu Taluk
7. Ms Sathi Jayakrishnan, Muncipal Chairperson
8. P K Sivadas, Chairman, Welfare Committee, Mudakkuzha Panchayath
9. Ms Mini Babu, Block Panchayth President, Koovappady
10. Mr Biju John Jacob, Opposition Leader, Perumbavoor Municipality
11. Mr Suni, Village Officer, Vengoor west
12. Ms Mercy George, President, Okkal Panchayath
13. Mr Anil Kumar, Village Officer, Asamannoor
14. Mr Shemeer A K, Village Officer, Chelamattom
15. Mr Mahesh, Village Officer, Rayamangalam
16. Ms Elizabeth Beena, Village Officer, Koovappady
17. Mr Salimkutty C K, Village Officer, Perumbavoor
18. Mr James P O, Member Asamannoor, Grama Panchayath
19. Ms Soumini Babu, President, Rayamangalam Grama Panchayath
20. Ms Shimy Varghese, President Mudakkuzha Grama Panchayath
21. Mr N M Salim, President, Asamannoor Grama Panchayath

**Annexure 5: Tool for Data Collection**



**SIA STUDY: LA FOR ANGAMALY - SABARI RAILWAY PROJECT**  
**PERUMPAVOOR TALUK, ERNAKULAM DISTRICT**  
**GO (P) 6/18/RD dt. 17.1.18**  
**Agency: Don Bosco Arts and Science College, Angadikadavu, Iritty, Kannur – 670706**  
**Interview Schedule for the Household Survey: April – July 2018**

**അങ്കമാലി-ശബരി റെയിൽപാതയിലൂടെ സാമൂഹ്യ ആഘാത പഠനത്തിനുവേണ്ടിയുള്ള സർവ്വേ**

**1. പൊതുവായ വിവരങ്ങൾ**

1.1 സർവ്വേ നടത്തിയ തീയതി			
1.2 വിവര ദാതാവിന്റെ പേര് / Mobile Number			
1.3 ആഘാതബാധിതനായ വ്യക്തിയുടെ പേര് (മുകളിൽ രേഖപ്പെടുത്തിയതിൽ നിന്നും വ്യത്യസ്തമാണെങ്കിൽ)			
1.4 വിലാസം പിൻ കോഡ് ഉൾപ്പെടെ (പദ്ധതി ബാധിത പ്രദേശത്ത് കൃത്യമായി എവിടെ എന്ന് രേഖപ്പെടുത്തുക)			
1.5 ബന്ധപ്പെടുവാനുള്ള ഫോൺ നമ്പർ			
1.6 ബന്ധപ്പെടുവാനുള്ള മൊബൈൽ നമ്പർ			
1.7 ഐഡന്റിറ്റി കാർഡ് വിവരങ്ങൾ	ആധാർ:	ഇലക്ഷൻ ഐഡി:	
1.8 കോർപ്പറേഷൻ / മുനിസിപ്പാലിറ്റി / പഞ്ചായത്ത്			
1.9 വാർഡ് നമ്പർ:	താലൂക്ക്:		
1.10 താങ്കൾക്ക് റേഷൻകാർഡ് ഉണ്ടോ?	ഉണ്ട്	ഇല്ല	ഉണ്ടെങ്കിൽ കാർഡ് നമ്പർ:
1.11 റേഷൻ കാർഡിന്റെ തരം	ബി.പി.ൽ	എ.പി.എൽ	എ.എ.വൈ

**2. കുടുംബ വിവരങ്ങൾ**

2.1 കുടുംബസംവിധാനം	a) കുട്ടുകുടുംബം	b) അണുകുടുംബം	c) ഏകവ്യക്തി
--------------------	------------------	---------------	--------------

2.2 വീട്ടിൽ താമസിക്കുന്ന അംഗങ്ങളുടെ വിവരങ്ങൾ

ക്രമ നമ്പർ	പേര്	കുടുംബനാഥനുമായുള്ള ബന്ധം	പ്രായം	ലിംഗം	വൈവാഹിക നില	വിദ്യാഭ്യാസം		ജോലി	മാതൃ മരണം	സ്വന്തമായ അടുപ്പം	അംഗ വൈകല്യം
						പൂർത്തിയായി	തുടരുന്നു				
1											
2											
3											
4											
5											
6											
7											

2.3 മതം	ഹിന്ദു	മുസ്ലിം	ക്രിസ്ത്യൻ	ജെയിൻ	മറ്റുള്ളവ
2.4 സാമൂഹ്യവിഭാഗം	പട്ടികജാതി	പട്ടികവർഗ്ഗം	മറ്റു പിന്നോക്കവിഭാഗം	പൊതുവിഭാഗം	മറ്റുള്ളവ

**3 നഷ്ടപ്പെടുന്ന സ്ഥലങ്ങളെക്കുറിച്ചുള്ള പൊതുവായ വിവരങ്ങൾ**

3.1 സർവ്വേ നമ്പർ (നിർബന്ധം):	സബ് റജിസ്ട്രാർ ഓഫീസ്
3.2 ആകെയുള്ള സ്ഥലത്തിന്റെ വ്യാപ്തി (ഹെക്ടറിൽ)	
3.3 ആഘാതബാധിതമാകുന്ന ഭാഗത്തിന്റെ അളവ് (ഹെക്ടറിൽ)	

*ഒന്നിലധികം ഭൂമിയുണ്ടെങ്കിൽ കൂടുതൽ പേപ്പർ ഉപയോഗിക്കുക.*



3.4 ആധാരത്തിൽ രേഖപ്പെടുത്തിയിട്ടുള്ള ഉടമസ്ഥൻ / ഉടമകളുടെ പേര്, ആധാർ നമ്പർ.			
3.5 ബന്ധപ്പെടുവാനുള്ള വിലാസം പിൻകോഡ് സഹിതം ബന്ധപ്പെടുവാനുള്ള ഫോൺ നമ്പർ			
3.6 കുടുംബനാഥന്മാരുള്ള ബന്ധം ഭൃതി കൈവശമായ വിധം		പരമ്പരാഗതമായി വിലയിൽ വാങ്ങിയത് കടന്നുകയറിയത് മറ്റുള്ളവ (വ്യക്തമാക്കുക)	
3.7 വസ്തു കൈവശമായ തീരുതി (ഏകദേശ വർഷം )			
3.8 കഴിഞ്ഞ 3 വർഷക്കാലമായി വസ്തുവിന്മേൽ നടത്തിയിട്ടുള്ള വ്യവഹാരങ്ങളുടെ വിവരങ്ങൾ			
3.9 ഭൃതി അംഗം	കരഭൃതി	നിലം	നിലം നികത്തീയത്
3.10 ഉപയോഗം	കെട്ടിടം	കൃഷി	തൊഴിലു ഭൃതി
3.11 സൗകര്യങ്ങൾ	കിണർ	കുളം	പൈപ്പ് ലൈൻ
3.12 വ്യക്തങ്ങളുടെ ഇനവും എണ്ണവും			

- 3.13 നിങ്ങളുടെ ഭൃതിയിലേക്ക് സ്വന്തമായി വഴിയുണ്ടോ? a) ഉണ്ട് b) ഇല്ല  
ഉണ്ടെങ്കിൽ: c) നീളം: d) വീതി: e) ഇനം: കോൺക്രീറ്റ്/ടാർ/മണ്ണ്
- 3.14 ഭൃതിയിൽനിന്നും ഏറ്റവും അടുത്ത നഗരത്തിലേക്കുള്ള ദൂരം:
- 3.15 വസ്തുവിന്മേൽ ഏതെങ്കിലും ലോൺ നിലവിലുണ്ടോ? a) ഉണ്ട് b) ഇല്ല c) ഉണ്ടെങ്കിൽ തുക: d) ഇപ്പോഴുള്ള ബാധ്യത: e) തിരിച്ചടക്കൽ വിശദാംശങ്ങളും:

**4. വീടും അനുബന്ധ സൗകര്യങ്ങളും**

4.1 വീടു നമ്പർ (നിർബന്ധം):		4.2 ആകെ വ്യാപ്തി (sq.ft. )	
4.3 ആഘാതബാധിതമാകുന്ന ഭാഗത്തിന്റെ അളവ് :		പുണ്ണം	ഭാഗികം
4.4 സ്വഭാവം/തരം: കോൺക്രീറ്റ് / ടാടിട്ടത് മറ്റുള്ളവ (വ്യക്തമാക്കുക):			
4.5 അനുബന്ധ സൗകര്യങ്ങൾ	കക്കൂസ് / കൃളിമുറി	പമ്പ് ഹൗസ്	തൊഴുത്ത്
4.6 വീട്ടിലെ മൃഗങ്ങളുടെ ഇനവും എണ്ണവും			മറ്റുള്ളവ
4.7 നിങ്ങൾക്ക് മറ്റെവിടെ എങ്കിലും വീടുണ്ടോ?		1. ഉണ്ട്	2. ഇല്ല
4.8 നിങ്ങൾക്ക് മറ്റെവിടെ എങ്കിലും വീട് നിർമ്മിക്കുവാൻ സ്വപ്നമുണ്ടോ? ഉണ്ടെങ്കിൽ വ്യക്തമാക്കുക: വ്യാപ്തി (സെന്റ്) സ്വരലം :? വിലമൂല്യം: അമ്പലം :		1. ഉണ്ട്	2. ഇല്ല

**5. വ്യവസായിക കെട്ടിട സംബന്ധമായ വിവരം.**

5.1 കെട്ടിട നമ്പർ (നിർബന്ധം)	
5.2 കെട്ടിട ഇനം	
5.3 സ്വഭാവം/തരം: കോൺക്രീറ്റ് / ടാടിട്ടത് മറ്റുള്ളവ (വ്യക്തമാക്കുക):	
5.4 ആകെ അളവ് (sq.ft. )	

5.5 ആഘോഷമായിത്തീരുന്ന ഭാഗത്തിന്റെ വ്യാപ്തി :	എണ്ണം	ഭാഗികം
5.6 പ്രവർത്തി / ഉൽപ്പാദനം / ഉപദേശം (വ്യക്തമാക്കുക):		
5.7 ആളുകളുടെ എണ്ണം :		
5.8 പ്രതിമാസ വരുമാനം :		
5.9 പദ്ധതി മുഖമുണ്ടാക്കുന്ന നഷ്ടം :		

**6. കൃഷിമുഖി സംബന്ധമായ വിവരം**

- 6.1 പ്രദേശത്ത് എത്രതരം കൃഷിയുണ്ടാ? a) ഉണ്ട് b) ഇല്ല
- 6.2 ഉണ്ടെങ്കിൽ ഇപ്പോൾ കൃഷി ചെയ്യുന്നതോ മുൻപ് കൃഷി ചെയ്തിരുന്നതോ ആയ വിളകൾ എത്രയെണ്ണം?
- 6.3 നെല്ലാണെങ്കിൽ ഒരു വർഷം എത്ര വിളകളുണ്ട്?
- 6.4 അവസാനമായി കൃഷി ചെയ്തത് എപ്പോഴാണ്?
- 6.5 കൃഷി നടത്താൻ മറ്റേതെങ്കിലും ഭൂമിയുണ്ടോ? a) ഉണ്ട് b) ഇല്ല
- 6.6 ഭൂമിയുടെ ഗുണനിലവാരം വിശദീകരിക്കുക (ഫലഭൂയിഷ്ഠത):
- 6.7 എപ്രകാരമാണ് ഭൂമി ഏറ്റെടുക്കാൻ നിങ്ങളെ ബാധിക്കുന്നത്?
  1. വരുമാനത്തിലുണ്ടാകുന്ന കുറവ്
  2. മേപ്പിൽപ്പുറങ്ങൾ ഇല്ലാതാകുന്നത്
  3. ജലസ്രോതസ്സുകൾ ഇല്ലാതാകുന്നത്
  4. മറ്റുള്ളവ (വിശദീകരിക്കുക):

**7. കുടുംബത്തിന്റെ വരുമാനവും വരുമാനമാർഗവും**

b) പ്രധാന വരുമാനമാർഗ്ഗം				
c) കുടുംബത്തിന്റെ മാസവരുമാനം (രൂപയിൽ)				
d) കുടുംബത്തിന്റെ മറ്റ് മാസത്തെ ചെലവ് (രൂപയിൽ)				
f) പ്രായപൂർത്തിയായ വരുമാനക്കാർ				
g) ആശ്രിതരുടെ എണ്ണം				
a) കുടുംബത്തിന്റെ പ്രധാനവരുമാനമാർഗ്ഗം ആഘോഷമായിത്തീരുന്നതാണോ?	ഉണ്ട്	ഇല്ല		
e) മറ്റുവരുമാനമാർഗ്ഗം				

**8. കുടുംബത്തിന്റെ ഭൗതികവിവരങ്ങൾ:** കുടുംബത്തിൽ ആരെങ്കിലും രോഗികളുണ്ടെങ്കിൽ വിവരിക്കുക

a) പേര്	b) സ്ഥായിയായ അസുഖം	c) തിരിച്ചറിഞ്ഞ വകുപ്പ്	d) നിലവിലെ അവസ്ഥ

**9. ആഘോഷം**

a) ആഘോഷത്തിന്റെ വ്യാപ്തി	പുർണ്ണമായും	ഭാഗികമായും	
b) പദ്ധതി നിലവിൽ വന്നതിനുശേഷം വസ്തു പുനരുപയോഗിക്കുവാൻ കഴിയുമോ?	കഴിയും	ഇല്ല	

**10. പദ്ധതിയുമായി ബന്ധപ്പെട്ട വിവരങ്ങൾ**

a) നിർദ്ദിഷ്ട അങ്കമാലി ശബരി റെയിൽ പദ്ധതിയെക്കുറിച്ച് താങ്കൾക്ക് അറിവുണ്ടോ					ഉണ്ട്		ഇല്ല	
b) ഉണ്ടെങ്കിൽ, എവിടെതിന് വിവരം ലഭിച്ചു								
മാധ്യമം	പൊതുജനങ്ങൾ	സർക്കാർ	ജനപ്രതിനിധികൾ	മറ്റുള്ളവ (വ്യക്തമാക്കുക)				

- 10.1. റെയിൽ പദ്ധതിയിൽ നിന്നും ഏതെങ്കിലും തരത്തിലുള്ള നേട്ടം പ്രതീക്ഷിക്കുന്നുണ്ടോ?
- i) ഉണ്ട്      ii) ഇല്ല      iii) ഉണ്ടെങ്കിൽ ഏതു തരത്തിലുള്ള നേട്ടം:
- 10.2. റെയിൽ പദ്ധതിയുടെ സ്ഥാപനം പരിസ്ഥിതിയെ ബാധിക്കുമോ (ജലസ്രോതസ്സുകൾ, ഭൂമി, വായു)
- i) ഉണ്ട്      ii) ഇല്ല      iii) ഉണ്ടെങ്കിൽ എങ്ങനെ:
- 10.3. റെയിൽ പദ്ധതിയുടെ സ്ഥാപനം സാമൂഹിക ജീവിതത്തെ ബാധിക്കുമോ?
- i) ബാധിക്കും      ii) ഇല്ല      iii) ബാധിക്കുമെങ്കിൽ എങ്ങനെ?
- 10.4. റെയിൽ പദ്ധതിയുടെ സ്ഥാപനം പ്രദേശത്തിന്റെ സാമ്പത്തികാവസ്ഥയെ ബാധിക്കുമോ?
- i) ബാധിക്കും      ii) ഇല്ല      iii) ബാധിക്കുമെങ്കിൽ എങ്ങനെ?
- 10.5. റെയിൽ പദ്ധതിയുടെ സ്ഥാപനം പ്രദേശത്തെ യുവാക്കൾക്ക് ഗുണകരമാകുമോ?
- i) ആകും      ii) ഇല്ല      iii) എങ്ങനെ:
- 10.6. റെയിൽ പദ്ധതിയുടെ സ്ഥാപനം പ്രദേശത്തെ വികസനത്തിന് കാരണമാകുമോ?
- i) കാരണമാകും      ii) ഇല്ല      iii) കാരണമാകുമെങ്കിൽ എങ്ങനെ?

**11. താങ്കളുടെ അഭിപ്രായത്തിൽ പദ്ധതിമൂലം ഉണ്ടായേക്കാവുന്ന നേട്ടങ്ങളും കോട്ടങ്ങളും എന്തൊക്കെ?**

ഉണ്ടായേക്കാവുന്ന നേട്ടങ്ങൾ	ഉണ്ടായേക്കാവുന്ന ദോഷങ്ങൾ
മെച്ചപ്പെട്ട സൗകര്യങ്ങളുടെ പ്രാപ്യത മൂലം തൊഴിലവസരങ്ങൾ വർദ്ധിക്കും	ഫലഭൂയിഷ്ടമായ കൃഷിഭൂമി നഷ്ടപ്പെടുന്നു
യാത്രാദൈർഘ്യം കുറയുകയും യാത്രാസൗകര്യം വർദ്ധിക്കുകയും ചെയ്യും	ശേഷിച്ച ഭൂമിയിൽ ഉണ്ടാകുന്ന വെല്ലുവിളികൾ
സാമ്പത്തിക വ്യാപാര മേഖലയിൽ പുരോഗതി ഭൂമി വില വർദ്ധനവ്	അന്യദേശങ്ങളിൽ നിന്നുള്ളവരുമായി സംഘർഷസാധ്യത പദ്ധതി പ്രദേശത്ത് ജനസാന്ദ്രത വർദ്ധനവ്
റിന്തൽ എസ്റ്റേറ്റ് രംഗത്ത് പുരോഗതി	പകർച്ചവ്യാധികൾക്ക് സാധ്യത
നഗരങ്ങളിലേക്ക് പെട്ടെന്ന് എത്തിച്ചേരാവുന്നതിനാൽ (ആരോഗ്യ/വിദ്യാഭ്യാസ കാര്യങ്ങളിൽ പുരോഗതി	വാടകയ്ക്ക് താമസിക്കുന്നവർക്കും കച്ചവടം നടത്തുന്നവർക്കും കൂടുതൽ വാടക നൽകേണ്ടിവരുന്നു.
വാടക വരുമാനത്തിൽ വർദ്ധനവ്	മറ്റുള്ളവ (വ്യക്തമാക്കുക)
മറ്റുള്ളവ (വ്യക്തമാക്കുക):	

12. ആശങ്കകൾ പരിഹരിക്കുന്നതിനുള്ള നിങ്ങളുടെ നിർദ്ദേശങ്ങൾ എന്തൊക്കെയാണ്?
- i) പുനരധിവാസത്തിനുള്ള ധനസഹായം ii) പണമായുള്ള നഷ്ടപരിഹാരം iii) ബാധിക്കുന്ന കുടുംബങ്ങളിലെ അംഗങ്ങൾക്ക് ജോലി iv) മഴവെള്ള സംഭരണി നിർമ്മിക്കണം v) പച്ചപ്പുറം ജലവിഭവങ്ങളും സംരക്ഷിച്ചു കൊണ്ടുള്ള നിർമ്മാണ മീതി രൂപകല്പന ചെയ്യുക vi) വൃക്ഷങ്ങളുടെ നടീൽ vii) മറ്റുള്ളവ (വ്യക്തമാക്കുക):








13. കൂടുതൽ വിവരങ്ങൾ ഉണ്ടെങ്കിൽ:

## Annexure 6: Register of Participants at Public Hearing

### 1. Public Hearing at Thuruthy Junction, 15 March 2019




15 മാർച്ച് 2019 - സബരി റെയിൽവേ - പബ്ലിക് ഹീറിംഗ് - തുരുത്തി ജങ്ഷൻ -






Authorities






Ajayan. K Rajas	VA LA Railway	
Pushpa Karamana	Palissadha LA Railway	
K.R. Santhosh	RI	
Jimmy Antony	RI	
Bindu R	RI	
Bindu K.G	RI	
K.B. Anas	Surveyor	

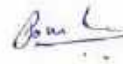




15<sup>th</sup> March 2019






### SIA Team

- 1) Fr DR THOMAS, Director SIA 
- 2) Mariya Tomy 
- 3) Anubhuti 

Sl.No	Name & Address	15/3/2019 Friday Village	Signature
1.	Salim V.N Varzhayil (H) Thurthy 85 47 69 90 22	Vengoor west	
2.	Kunjappan Elesil (H) Thurthy P.O 9847720531	Vengoor west	
3.	Kunavila kappadakkamadathil(H) Pralayikkadavu 9447378633	Vengoor west	
4.	Usha. Unnikrishnan Nedumpurathu (H) Pralayikkada. Thurthy 8592031091	Vengoor west	
5.	Shiji . P.Saha devan Thirishyamangalathu (H) Pralayikkada. Thurthy(P.O) 7034586330	Vengoor west	







- 6) M.P shivan  
Madathedathu (H)  
Pralayikkadu Thurthy (P.O) Vengoor west   
94 00 7 43 22
- 7) Gopinathan Nair A.B  
Aikkara (H)  
Thurthy (P.O) Vengoor west   
94 95 79 28 71
- 8) Shyby Varghese  
Kavippakkadavu (H) Vengoor west   
Thurthy P.O  
98 47 86 95 08
- 9) T.V Varkey  
Thachayathukudi (H) Asamannur   
Punnayam
- 10) Joy T.C  
Thadikkulangara (H) Vengoor west   
Pralayikkada, Thurthy P.O  
99 47 36 95 64






- 11) K.A Paulose  
Keechenil (H)  
Aimury, Koovalpady  
9745388548  
Koovalpady 
- 12) Basil . Bobby  
Menakkunnathu (H)  
Pralayikkadu  
9947551252  
Vengoor west 
- 13) Thomas Kurian (Elyamma)  
Panbrakkadan (H)  
Thurthy (P.O)  
9656119013  
Vengoor west 
- 14) Thangachari P.V  
Punnakkady  
Pulakudy (H)  
Thurthy P.O Pralayikkadu  
9744498421  
Vengoor west 
- 15) T.K Ravi  
Kayvelipparambil (H)  
Thurthy P.O  
7560946761  
Vengoor west 

	6210, 21826 10 <sup>N</sup> Contact number	10/10/2020	13.11
16)	T. N. Umikrishnan Thirissamangalam (H) 9645729373	Vengur West	
17)	K.K. Subrahmanyam Kulangaripady (H) 9447169442.	Vengur West	
18)	Rajappan P.K. Thiruthimali (H) 9447986120	Vengur West	
19)	K.V. Shivarankaran Korunthukudy (H).	Vengur West	
20)	Lalitha Muralidharan Thirissamangalath (H) 9847062037	Vengur West	Subbs
21)	Amara Soman Nair Nedumpurath (H) 9961865665	Vengur West	



15<sup>th</sup> March 2019 - Friday

- 22) Thangachan  
Cheppungal (H) Vengoor West   
9961719900
- 23) M.N. Kamalan  
Madathredath (H) Vengoor West   
9848655708
- 24) Gopalakrishnan  
Thrishamangalam (H) Vengoor West   
Thuruthy (P.O.)  
9400643789
- 25) K.N. Narayanan  
Kalluvettikudy (H) Vengoor West  
Thuruthy (P.O.)   
8281215834
- 26) Thambi K.O.  
Keechery (H) Koonjipady  
Vengoor West   
(Thampy)  
~~95606864~~  
9562606864
- 27) A.K. Krishnakutty  
Kalluvettikudy (H) Vengoor West   
9605301394

- 28) T. Joseph  
Kuttanadan (H) Vengoor West   
9447988541
- 29) Prinjesh Vargese.  
Kannadan (H) Vengoor West   
Thuruthy (P.O)  
~~955~~ 9447916463
- 30) T.S. Shiran  
Sivas  
~~Sivas~~ Pinarappady (H) Vengoor West   
Thuruthy (P.O)  
9947004838
- 31) Krishnankutty  
Kodambanallukudi (H) Vengoor West   
9961341062
- 32) John Kiran  
Ratha Ayyappan.  
Pookkole Puthampura (H) Vengoor West   
Thuruthy (P.O)  
9946265501

P. V Thomas

33) Pulakkudi (H)

Pralayikkadam, Thiruthy P.O.

9744657202

Vengoor west

*P. V Thomas*

## 2. Public Hearing at EMS - Municipal Town Hall, Perumbavoor, 16 March 2019

Name	Phone No. / Address	Designation	Signature
1	M.V. Poulose 9746745549	Asst. Executive Engineer Construction S. Railway Perambalur	
2	THOMAS JOSE 9042956409	Senior Section Engineer/ works / construction S. Railway, Perambalur	
3	Ajayar K-Rajin 944391704	valuation Assistant S. Railway Perambalur	
4	K.B. Anes	Surveyor	
5	Bindu K.G.	Revenue Inspector	
6	Bindu R	R.I	
7	Jimmy Antony	R.I	
8	Rama Babu	President Olden	
9	Rasi Venugopal	councillor (XII ward Perumbavoor)	

16<sup>th</sup> March 2019








SIA Team

- 1) Fr. DR. THOMAS, DIRECTOR, SIA 
- 2) Mariya Pavan 
- 3) Anjali 

16/3/2019 Saturday

S.No.	Name, House Name & Mobile No.	Village	Signatures
1)	Saritha Manjali (H). 9539410048	Koorappadi	<u>Saritha</u>
2)	Reena (Leelavathi Amma) <small>owner of the land</small> Chembattu parambil (H) 9446005936 081 0802265891 8762300006	Chelamattam	<u>Re</u>
3)	Rebeka. Peelen Kunjittikudi (H) 8129156930	Perumbavoor	<u>Rebeka</u>
4)	M.M. Mathew Mukkanamchery (H) 9746828738	Perumbavoor	<u>Mathew</u>
5)	Allyyath. K.K Kanakakunnel (H) 9747699731	Ashanambur	<u>K.K</u>
6)	Sini. V.S. Vilangattil (H) 9847610281	Chelamattam	<u>Sini</u>






7) A.P. Ponnappan Ashankudi (H)	Perumbavoor	<i>[Signature]</i>
8) Jose. T.O. Thekkanam (H) 9745995347	Chelamattam	<i>[Signature]</i>
9) H.M. Jay. Kuyyakkudi (H) 9744212216.	Ashamannur	<i>[Signature]</i>
10) Abdoul Kadher. Injikkudi (H) 9847270441	Ashamannur.	<i>[Signature]</i>
11) Vijayan Kadukayyattur (H) 9947935166	Koorappady.	<i>[Signature]</i>
12) K.M. Bashier. Theeruvappilli (H) 9447435243.	Perumbavoor.	<i>[Signature]</i>
13) Muralidharan Nair. (Dr Radha Nair is owner) Padikkal Puthussodee (H) Sunnur (P.O) - pin: 683544. 9446489937	Koorappady.	<i>[Signature]</i>



- |     |   |                      |  |
|-----|---|----------------------|--|
| 14) | Baby . P.P.<br>Parappuram (H)<br>9895326231     | K.<br>Perumbavoor .  |               |
| 15) | Eldhom.<br>Pekketthottiyil (H)<br>9544829657.   | Perumbavoor          |               |
| 16) | P.P. Joy .<br>Pattan (H).<br>9961953495         | Okkal<br>Chelamattam |               |
| 17) | Varky Mathray<br>Keechei (H)<br>9605248377      | Koorappady .         |             |
| 18) | C.P. Seijatha<br>Maylath (H)<br>9567799001      | Chelamattam          | Seijath<br> |
| 19) | Baby . K.V<br>Kombath Veedu (H)<br>9847627297 . | K Perumbavoor.       |             |
| 20) | Vijayan .M.K.<br>Meelparambu (H)<br>9744398855  | Perumbavoor          |             |


- |     |  |              |                 |
|-----|--|--------------|-----------------|
| 21) | Divakaran .M.K.<br>Madathukudy (H)<br>9446073275               | Chelamattans | <u>0072</u>     |
| 22) | Shaji<br>Alunkal (H)<br>9946203480                             | Perumbaroor. | <u>Je</u>       |
| 23) | Saji<br>Pallipadam (H)<br>9645093793                           | Perumbaroor  | <u>W.</u>       |
| 24) | Varghese .K.O.<br>Kizhakkumthala<br>9946902008                 | Chelamattans | <u>Prokhal.</u> |
| 25) | <del>Seeth</del> Haridasan Kartha<br>Mananth (H)<br>9446268223 | Koovappady.  | <u>Jun</u>      |
| 26) | Chandran<br>Pekkedalukudy (H)<br>8157842778                    | Koovappady   | <u>W.</u>       |
| 27) | Mani K.C<br>Kavungorparambil (H)<br>9744950214.                | Perumbaroor  | <u>3</u>        |




28)	M.K. Omanakutlan Moolaparambil (H) 9288953587.	Perumbaroor.	I
29)	Paul. PJ Kang Parapparam (H) 9349254259.	Perumbaroor.	J.
30)	Ayyappan Manjali (H) 9562106026	Koorappady Vengattal	K
31)	Raji Suresh Kumar. Kadathattil (H) 9495513637.	Perumbaroor.	Legies
32)	C.A. Sulaiman. Cheruvallikudi (H) 9388465539.	Perumbaroor.	<u>Thomson</u>
33)	C.P. Kalidoss. Chirappulli (H) 9745852760	Perumbaroor.	<u>Chirappulli</u>


	Name/Address	Village	Signature
34)	P.D Jose Pottakkal (H) Aimuri, I 9744413953	Koovappady village	
35)	Kaishakumar Mundakkal (H) Chelamattam 9947854492	Chelamattam village	
36)	MM Varghese Mukkamscheriyil (H) Pattal 9847690176	Pesumbavoor	
37)	P.I Wilson Pallipattu (H) Kazallupattikkara 9847335301	Pesumbavoor	
38)	N.E Alitunju Nedugallurudi Pttal 92466086 9846262708	Chelamattam	

- 39) Sukumari Prabhakaran  
kizhakkudai (H) Chelamattam  
Okkal  
9605318602 Sukumar
- 40) Rosapaulose  
Aachandi (H) Chelamattam  
Okkal  
7902285026 Rosa
- 41) Sreedaran  
Nangeltiyil (H) Koorappady  
Aimuri, Koorappady  
9744359291 Sreed
- 42) Narayanan Nair  
kakkattu (H) Pesumbavoo  
kayumpuram P.O. village  
9447831026 
- 43) Aliyamma. Kujappan  
cheerapurathu (H) Pesumbavoo  
karattupattikkara village  
8129704245 Aliyamma
- 44) Mathew  
Pallippattu (H) Pesumbavoo  
1-00 mile village  


PAboobacker  
 45) Puthukkattu(H)  
 Kanjirakkadav  
 9605931112  
 Perumbaroor  
 village 

Seena  
 46) Alukka(H)  
 Perumbaroor  
 8157993091  
 Perumbaroor 

Sanjo. Varghese  
 47) Nambiatkudy(H) chekattam  
 Thanipucha  
 9846879778 

Sukumari Rajan  
 48) Ashanitudi(H) Perumbaroor  
 Karattuppallikkara  
~~8157993091~~ 9605873349  
 Sakamud 

~~PA~~  
 49) T.I Abraham  
 Thollypurathu(H) Perumbaroor  
 1-50 Mile  
 944 69 52 868 

50) Murukan M.B  
~~So~~ Manakkukudy Pesumbavoor  
 Kariyakkadu  
 9946059048

Man

51) Shamsudeen P.U  
 Puthukadan (H) Pesumbavoor  
 Kariyakkadu  
 9495470518

Shamsud

52) E.M Jacob  
~~See~~ Eshavankudiyil Koorappady  
 Amuray  
 7356060254

A. J. Jacob

53) J. D Varghese  
 Kizhakkunthala (H) Chelamattam  
 Okkal  
 9946914852

J. D. Varghese

~~Endira/Subashchabos~~  
~~Manakkukudy (H)~~  
 Pesumbavoor

- Benny. Sebastiao.  
 54) Mankuzha(H) Asamannur  
 cherutunnam  
 9447581125
- Valsala. Venugopalan  
 55) Mundakkal (H) chelamattam  
 chelamattam  
 9961573569
- Ma Saifeya. Musthafa  
 56) Malayil (H) Perumbavoor  
 Kanjirakkadu  
 8281140839
- Mabeena. Abdulsalam  
 57) Chirakkakudy(H) Perumbavoor  
 Kanjirakkadu  
 9605564314
- Subiytha.  
 58) Cheruwallibuduf(H) Perumbavoor  
 Kanjirakkadu  
 9544880593

59) Indira Subhas chandra  
bass

Mullasheiyil(H)

Perumattam




9539061846

Chelamattam



- .. Sakens . N A  
 60) Nedugathukudi(H) chelamsattam  
 okkal  
 9037381419
- .. George A K  
 61) Aappadan(H)  
 Rayonpuram chelamsattam  
 9947497779
- .. Shivadasan  
 62) Varrayil (H) chelamsattam  
 okkal
- .. E.P Paulose  
 63) Edathala (H) chelamsattam  
 okkal  
 9847532737
- .. Manoj A K  
 64) Assarikkudi(H) Poombaroor  
 kavattupallikara  
 9847370993
- .. T.S Sajeev  
 65) Thoppil (H) chelamsattam  
 okkal  
 9447988739



66)	Jose Varghese Mamikkalvan (H) 9846063755	Chelamatom	
67)	Shariju Kurattappuram 9946743669	"	
68)	Stephanose Muvicheri(H) 9947405129	"	

69) A Sulphi  
 cheuvallikudi(H) Pesumbaroor S. H.  
 Rayoppuram  
 9633387789

70) Rajan A A  
 Assarikkudi Pesumbaroor  
 Karattupallikkara village  
 9388408963.

71) Muhammed Kunju  
 Kuruppallil(H) Pesumbaroor  
 Kanjirakkadu  
 9387908819

72) M. B Vishwanathan  
 Nair  
 Manakkattu (H) chelansattam  
 Okkal  
 99473403085

73) Rajula. Raheem  
 Malyamvittil(H) Pesumbaroor  
 Kanjirakkadu  
 8943525519

74) Kesavan Kutty  
Padikkal Puthanveedu Koovalpady  
Ammuray  
9446746169

75) T. C. Krishnapillai  
Padikkal Puthanveedu Koovalpady  
Ammuray  
9588 44853205

76) Thomas V V  
Valiyavillil (H)  
Perumbavoor, 1 Perumbavoor  
Karattupullikkara  
94464891494

77) P. V. Sudakaran  
Pulikkakudy (H) Chelamattam  
Okkal  
9447497400


78) P. K. Rajeevan  
Padikkal Puthanveedu Koovalpady  
Ammuray  
9446845676

### 3. Public Hearing at Asamannur Grama Panchayth Hall, 18 March 2019





Name & Number	Designation	Signature
1. M.V. POUKOSE 9746745549	Asst: Executive Engineer, Construction, S. Railway Ernakulam	
2. Thomas Jose 9042756409	Senior Section Engineer/works construction, S. Rly, Ernakulam	
3. Pushpa Kammai 9400678845	Sgt. Tahsil dar L.A. Railway	
4. Bindu K.G. RI	9	
5. Soumini Babu	Rayamangalam president	
6. N.M. Saji M.	ASAMANNUR G.P. President	

18<sup>th</sup> March 2019

SIA Team.

- 1) FR. DA THOMAS DIRECTOR, SIA 
- 2) Mariya Tomar
- 3) Ambili


Name & Address	Village	18/3/2019, Monday Signature
1) P.K Keshavanpillai Padiakappuzhithu, Cheerukunnam	Asamannur <del>Cheerukunnam</del>	
2) C.P Paulose Chamattalayi(H) <del>Pattam</del> Poomalattam Asamannur 7561041441	Asamannur	
3) Keelamma, Eldose chattanattu(H) Poomalattara Asamannur 9656880864	Asamannur	
4) M.I Paulose Mekamali(H) Thottakattukara Aluva 04842604136	Rayamanagalam	

5) Soman, Mathew  
 Meekama  
 Meekamal (H)  
 cherutunnans  
 944 758 0090

Rayamangalam

Mathew

6) Yakob Varkey  
 Chamattkala (H)  
 Poomalakkara  
 Asamannur  
 9961022740

Asamannur

Yakob

7) Muhammed  
 Enjakkudiyil (H)  
 Aikkunnans  
 Asamannur  
 9544 532382

Asamannur

Muhammed

8) Ramakrishnanair KG  
 Kallara (H)  
 Cherukunnans  
 Asamannur P.O  
 944 7729671







Asamannur

Ramakrishnanair

9)	George . K. J. Kottorallurankudi (H) 99460905912.	Ashamannur.	<u>J</u>
10)	C. K. Balakrishnan Chammayath (H) 9747733508	Ashamannur.	<u>P</u>
11)	Sheeja Das Chakkummalil (H) 9745487543	Ashamannur.	<u>ES</u>
12)	Ambika Sivas Kunnath (H) 9645235980	Ashamannur.	<u>AK</u>
13)	Fathima Muhammad Narekumattans (H) 8606665126	Ashamannur.	<u>No score</u>
14)	Leelamma . C.P. Chammakkala (H) 9349821521	Ashamannur.	<u>CS</u>
15)	Achamma Jacob (Pati Jacob's owner) Chammakkala (H) 9349821521	Ashamannur.	<u>CS</u>






16) Anny Luice Owner Luice.T.V) Thachethukudi (H) 9387218185	Ashamannur	<u>SS</u>
17) C.M. Basheer. Chitteth Kudiy. (H) 9847056590	Ashamannur.	<u>CS</u>
18) C.M. Basheer. (Nachi Kochahammad owner) Chitteth Kudiy (H) 9847056590	Ashamannur.	<u>CS</u>
19) P.G. Baby. Parathiriyalil (H) 9946231118	Ashamannur.	<u>Shri</u>
20) Mathay Kurikkampara (H) 811875684	Ashamannur.	<u>Shri</u>
21) A.G.K. Abdul Khadar. Chitteth Kudiy (H) 9895378711	Ashamannur.	<u>Shri</u>
22) Sajeev - K. K. Kakkuzhi (H) 9746123635	Ashamannur.	<u>Shri</u>



23)	Sangeetha (owner - Saraswathi) Pakkilikallil (H) 9947787388	Ashamannur.	
24)	CM. Aliyan Chittathukudy (H) 9496072041	Ashamannur.	
25)	Pathrosi Nedumpuram (H) 9446277502	Ashamannur.	
26)	Rajus .P.K. Piraykkopadi (H) 9446452425	Ashamannur.	
27)	Toju Joseph. Meykkamalil (H) 9744171142	Ashamannur.	
28)	Kuniam Kunyakose Maniyathu (H) 9446540154	Ashamannur	

29)	Biju Paul. Meykkamalil (H) 9744182503	Ashamannur. <u>Lyndol</u>
30)	Thomas. C.S Chamakkala (H) 9747925253	Ashamannur. <u>Chris</u>
31)	Joshij. Z Tharisherikkaray (H) 9619391174	Ashamannur. <u>Joshij</u>
32)	Paulon P.V Paruthuvayalil (H) 9142029713	Ashamannur. <u>Paul</u>
33)	M.M. Joy. Mekkamalil (H) <del>9744</del> 9744212216	Ashamannur. <u>M.M. Joy</u>
34)	Mohanan. P.P. Pilikkekudy (H) 960555125	Ashamannur. <u>Mohanan</u>

35)	Sajitha (Maythees - owner) Palaykka (H) 9496653291	Ashamannur.	<u>Sajitha</u>
36)	C.M. Parvaths Chittethkudy (H) 9605588743	Ashamannur.	<u>Parvaths</u>
37)	C.M. Nasar Chittethkudy (H) 9495559257	Ashamannur.	<u>Nasar</u>
38)	Ibrahim. C.M Chittethkudy (H) 9961383265	Ashamannur.	<u>Ibrahim</u>
39)	C.A. Narayanan Cheruvallippadi (H) 9400228618	Ashamannur.	<u>Narayanan</u>
40)	Mathu Mathew. M.S. (owner - Achu) Karipra (H) 9961871740	Perumbavoor	<u>Mathu</u>

<p>41) Sharaf.          (owner - Moythees          Muhammed          Kareem          Fathima )          Chittalekudy (H)          9400079213</p>	<p>Ashamannur.  </p>
<p>42) Inissa Kuttan          (owner - Kuttan )          Kattikkal (H)          9656785772</p>	<p>Ashamannur.  </p>
<p>43) Shankappan          (owner - Krishnan)          Panikkappady (H)          9895183040</p>	<p>Ashamannur.  </p>
<p>44) M. M. Rajeev          Mularjkekudi (H)          9847754311</p>	<p>Ashamannur.  </p>
<p>45) Ashraf.          Sujakkudi (H)          8281213192</p>	<p>Ashamannur.  </p>

46) Sidhik C.M  
Chittedalukudi (H)  
Aikkunnam  
Asaramannur (A. D)

Asaramannur

9447169457. Sidhik

47) Jesi Thomas  
Maulikkudi (H)  
9947017573

Ashamannur

Jessi

48) Eli Thomas  
Chittayam (H)  
9400789035

Ashamannur

Eli Thomas

49) Narayan Nair  
Karyath (H)  
9847334306

Ashamannur Narayan Nair

50) C. J Peter  
Jamaikkattu  
9400526028

Ashamannur  
C. J Peter